Resource Manual

Table of Contents

Section	Excerpts
1	Quality Assurance Inspection Program Document
2	Quality Assurance Program for Material Testing
3	Section 4D from *Manual of Field Test Procedures* (MFTP)
4	Non-Field Tested Materials Acceptance Guide (NTMAG)
5	Qualified Products List (QPL)
6	Ch. 12 – Project Records from *Construction Manual*
7	Ch. 12G – Extra Work Performed on a Force Account Basis from *Construction Manual*
8	Ch. 19 – Labor Compliance from *Construction Manual*

WARNING!
Materials included in this Resource Manual are for training purposes ONLY!
Most resources in this manual are out of date and not used on current projects.
Be sure to check the let date of your project and use the appropriately dated material for administration.

FOREWORD

Along with the *General Construction Inspector Training Manual,* we have provided this *Resource Manual*. The *Resource Manual* includes excerpts from other manuals. Full copies of the manuals are available in class for your review and on the internet for later access.

This manual was developed as a reference for inspectors to access construction inspection related sections without the overwhelming feeling of seeing each entire manual. We expect that you will take the time to review each of the manuals in their entirety to see how they are organized and the wealth of information they contain. Included in the *Resource Manual* are:

- **QA Inspection Certification Program Document –** This document explains the entire Inspection Certification process. It also explains the different Inspection Certifications that are available.
- **QA Program –** This section from the *Manual of Field Test Procedures* explains what the three separate and distinct sub-programs are and the responsibilities that each have for Field Testable Materials. In this section you will find the Contractor, Project Manager, and Region QA Team responsibilities. It also defines each of the different material testing certifications that individuals should hold when testing materials on the project.
- **Section 4D –** This is another section from the *Manual of Field Test Procedures*. The section provides tables that list testing requirements for materials that are tested in the field (e.g., aggregate, concrete, HMAC). The document includes production testing as well as placement testing. It specifies who should be performing the tests, when they should be performing the tests and on what form to record the test results.
- **Non-Field Tested Materials Acceptance Guide (NFTMAG) –** This document is a table that lists each Quality Document required for product acceptance. Ensure that you, as the inspector, consult this table for product compliance documentation and verify each document is received prior to Contractor installation.
- **Qualified Product List (QPL) –** This document is a complete list of Qualified or Approved products and manufacturers that are available for use on ODOT projects.
- **Chapter 12 – Project Records *(Construction Manual)* –** This chapter explains that most of the project records and documents that are made and kept are public records.
- **Chapter 12G – Extra Work Performed on a Force Account Basis *(Construction Manual)* –** This section explains when to use Extra Work performed on a Force Account Basis to equitably and uniformly compensate the Contractor for Extra Work when a negotiated price cannot be reached.
- **Chapter 19 – Labor Compliance *(Construction Manual)* –** This section explains that anyone working on construction projects is not to be taken advantage of and is entitled to the appropriate wage. It explains what DBRA and BOLI wages are. It also explains the requirements of the Contractor for reporting the payroll and the Agency requirements for performing wage interviews, along with labor complaints and investigations.

INSERT TAB

1. QA Inspection

ODOT Inspection Certification Program

Overview

The Inspection Certification Program is one element of ODOT's Inspection Quality Assurance (QA) Program. The purpose of the Inspection Certification Program is to provide training and resources for Construction Inspectors, and to ensure consistent administration of highway construction contracts. The monitoring of construction activities by Certified Inspectors will promote industry best practice and will help to ensure quality materials and workmanship on ODOT construction projects.

The Inspection Certification Program:

- Improves Contractor compliance with approved Plans and Specifications
- Improves the level of knowledge among Construction Inspectors
- Provides clear and consistent expectations of Inspectors
- Improves the consistency of construction inspection practices
- Reduces the potential for construction claims and other contract disagreements
- Improves construction quality in the State of Oregon
- Complies with implied Federal requirements prescribed in Title 23 of the Code of Federal Regulations.

Inspection Certification Program [1]

The Inspection Certification Program requires all Inspectors on ODOT construction projects be Certified by ODOT. It is required that all inspectors be certified in General Construction Inspection, and Inspectors may obtain Certifications in one or more discipline specific areas. Additional discipline specific Certifications are required when performing inspection duties in these areas. A description of the current Certifications is provided below.

As a point of clarification, the Project Manager is responsible for all inspection activities on a construction project and at times may need to supplement their Inspection workforce with non-Certified personnel during periods of heavy construction activity. Therefore, the program makes allowances for the temporary use of non-Certified inspectors. The following information outlines the activities that can be conducted by Certified and non-Certified inspectors.

[1] *Certification is required for all non-ODOT and ODOT new hire/promoted Inspectors. It is highly recommended for existing ODOT Inspectors*.

Certified vs. Non-Certified Personnel

Activities that are performed by Certified Inspectors include the following:

- Inspect the work as needed to ensure it conforms with the Plans and Specifications and Approved Changes
- Ensure Quality Control testing is being performed as required
- Inform Quality Assurance personnel of problems or potential problems with field-tested materials
- Record progress and/or delays with the work
- Ensure source documents allow proper payment to the Contractor
- Work with the Project Manager, Contractor, and others to troubleshoot problems with construction
- Provide clear direction and guidance to non-Certified individuals that are assisting with monitoring the work
- Monitor the activities of non-Certified individuals

When circumstances occur that prevent the use of a Certified Inspector the Project Manager may assign specific tasks to a non-Certified individual. The Project Manager must ensure that non-Certified personnel have a thorough understanding of their assigned duties. Non-Certified personnel should review the applicable training and/or reference material before performing inspection activities.

Some examples of duties that could be performed by non-Certified personnel include the following:

- Collect weigh memos and record material receipts
- Work with a Certified Inspector to monitor specific aspects of a construction activity or process. For example: On an HMAC paving project, a non-Certified individual could be assigned to monitor one or more of the following:

    - HMAC temperature
    - Surface Preparation
    - Tack Coat application
    - Rolling patterns
    - HMAC Contamination (i.e. diesel, debris)
    - Clumps or crusted mix in the mat or on grade ahead of paver

    In this example, the Certified Inspector would be on-site performing other various Inspection duties and would be receiving regular project updates from the non-Certified individual.

Certifications

All Inspectors working on ODOT construction projects are required to possess the General Inspector (CGI) Certification. Additional Certifications are required when performing inspection duties in the other Certification areas. For example, if an Inspector is working on a paving project, he/she would be required to possess Hot Mix Asphalt Concrete Inspector (HMAC) Certification but not be required to obtain the Bridge Construction Inspector (CBCI) Certification until such time that he/she is expected to inspect Bridge work.

Inspector Certifications will be valid for a three (3) to five (5) year period, after which the Inspector will need to pass a re-Certification exam to extend their Certification for an additional three (3) to five (5) years.

Following is a summary of the Inspector Certifications:

Certified Bridge Construction Inspector (CBCI): Bridge Inspection Training will build on the General Inspector Certification by informing the Inspector of the various types and methods of bridge construction and proper Inspection practice.

Certified Environmental Construction Inspector (CECI): The purpose of this class is to build on the General Inspector Certification by informing Inspector's of general environmental issues, and NPDES permit requirements and Best Management Practices for Erosion and Sediment Control.

Certified Drilled Shaft Inspector (CDSI): The goal of this course is to build on the General Inspector Certification by providing Drilled Shaft Foundation Inspectors with the practical knowledge and Standard-of-the-Industry practices for the inspection of drilled shaft foundation construction.

Certified General Inspector (CGI): The General Inspector Training is intended to be a pre-requisite, or foundation, for the other discipline specific Certifications. The training focuses on the General Provisions, Contract Administration, Roles and Responsibilities, etc.

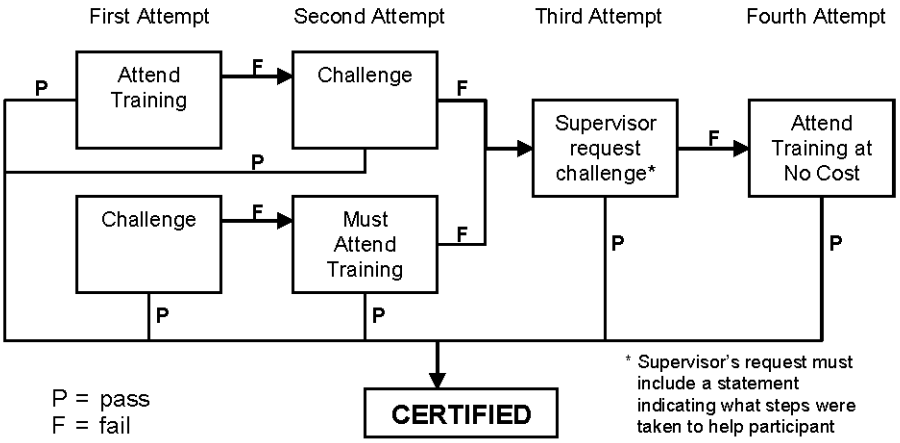
Certified Hot Mixed Asphalt Concrete Inspector (HMAC): The purpose of the HMAC Inspector class is to build on the General Inspector Certification by providing each participant with information and tools to be an effective HMAC Inspector. Attention is focused on inspection of items that are critical to HMAC performance and how to fulfill the necessary contract documentation requirements.

Certified Traffic Signal Inspector (CTSI) -- Traffic Signal Inspection training is designed to build on the General Inspector Certification by providing the training and resources necessary to properly inspect Traffic Signal and Electrical Installations on State

Highways. The training focuses on Traffic Signals, but applies to all Electrical Installations.

Certification Process

Under the Inspection Certification Program, to become Certified, Inspectors are required to demonstrate their understanding of the inspection process by passing an examination. Training is available, but not required, for each of the Inspector Certifications. Experienced inspectors may choose to challenge the Certification examination without attending training. The chart below shows the exam process:



Training course materials are available for download or purchase[2] through the ODOT Construction Section internet site to allow inspectors who intend to challenge the exam an opportunity for self study. Participants are required to bring their own current version of the training course materials to the challenge exam[3].

The schedule for training courses is set every fall for classes during November through April. The schedule and registration requirements are available on ODOT's Inspection Certification Program website[4]. Training course participants will receive course materials the first day of the course as part of their paid registration.

Inspector Certifications will be valid for a 3 to 5[5] year period, after which the Inspector will need to complete a reCertification course and/or examination to extend their Certification for an additional 3 to 5 years.

---

[2] http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/docs/manual_purchase_form.doc
[3] *The requirements for each class are outlined on ODOT's Publication Page:* http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/publications2.shtml
[4] http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/Cert/InspCert.shtml
[5] *Certified Traffic Signal Inspector Certification is valid for 3 yrs from the date of issue. The remainder of the Certifications are valid for 5 yrs.*

The QA Unit will work with all of the training providers to ensure a consistent Certification/re-Certification process that will measure an Inspector's skills and ability.

Training and Certification is strongly recommended at the earliest opportunity for New Inspectors and other non-Certified individuals. Certification exams are readily available for non-Certified individuals to challenge. Non-Certified individuals who have demonstrated competence on the job are encouraged to challenge the applicable Certification Exam(s) and obtain proper Certification.

Certification Examinations

To apply for the Certification, the applicant may either register for one of the approved training classes, where the exam will be administered as part of the class, or submit an application to challenge the exam[6]. Challenge exams will be scheduled at a time that is convenient for ODOT and the applicant.

Exams are:

a. Open Book
b. Multiple choice and true or false questions about inspection procedures, specifications, plans, and other relevant documents.
c. Written exam time lines vary depending on the needed Certification. In general, 2 to 4 hours are given to complete the exam.
d. The passing score is 80% for all Certifications.

Documentation of Certification

Upon the successful completion of the current examination(s), the participant's name, address, and/or company affiliation will be entered in the official registry of Certified individuals for the appropriate Certification. The official registry is maintained by the ODOT Construction Section and can be accessed on the internet at the following address: www.odot.state.or.us/techserv/operatns/techcert/techcertDynamic/Index1.cfm

It is anticipated that many Inspectors will hold multiple Certifications. Each Certified Inspector will be given a laminated wallet-size identification card, which indicates all areas of Certification, and official letter(s) indicating Certification(s) held.

[6] ftp://ftp.odot.state.or.us/techserv/construction/QA_Certification/challenge_registration_form.pdf

INSERT TAB

2. QA Materials

Oregon Department of Transportation

QUALITY ASSURANCE PROGRAM

(Revised November, 2014)

TABLE OF CONTENTS

I. Overview……...1

II. Roles and Responsibilities ……...5

III. Laboratory Certification Program ……7

IV. Technician Certification Program ….……..10

APPENDIXES

A. On Site Laboratory Inspection Criteria …….. .18

B. Proficiency Sample Program ……. 23

C. Product Specific QC/QA Testing Plan …….. 25

D. ODOT Approved Commercial Aggregate Product Program ..…… 45

E. Troubleshooting Guide ……..……. 47

F. Technician Complaint Process……. 55

G. Contractor Quality Control Plan……..…… 58

H. Training Program…… 59

OREGON DEPARTMENT OF TRANSPORTATION
QUALITY ASSURANCE PROGRAM

I. OVERVIEW

The Oregon Department of Transportation (ODOT) has implemented a Quality Assurance (QA) program approach that complies with the FHWA Guidelines for a QA program for construction projects on the National Highway System. This program defines the responsibilities of the contractor and ODOT in order to satisfy the needs of the program. This program is currently used for all construction projects administered by ODOT or its consultants.

ODOT recognizes that there are other benefits of developing and implementing Quality Assurance specifications into its construction program. These benefits include:

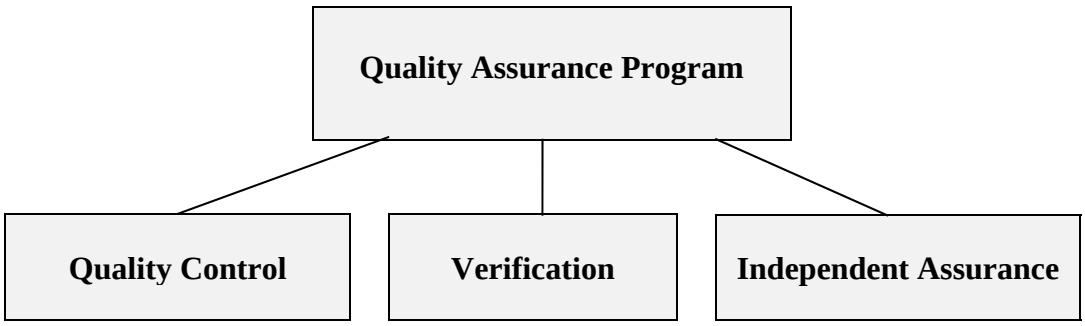
- To improve the overall quality of highway and bridge construction; and
- To place responsibility on the contractor for quality control in contracted work.

The success of the Departments Quality Assurance program is dependent on three primary features. The first is the Laboratory Certification program, which is discussed in Section III of this document. The second is the Technician Certification program, which is discussed in Section IV, and the final feature is the specific product QC/QA testing plan detailed in Appendix C of this document.

Quality Assurance (QA)

Quality Assurance is defined as: *All those planned and systematic actions necessary to provide confidence that a product or service will satisfy given requirements for quality*.

ODOT has developed its QA Program, which includes three separate and distinct sub-programs as illustrated below:



Quality Control (QC)

Quality Control is defined as: *All contractor/vendor operational techniques and activities that are performed or conducted to fulfill the contract requirements.*

The contractor is responsible for providing quality control sampling and testing, furnishing material of the quality specified, and furnishing QL levels during aggregate production, when required. The contractor's Quality Control technician must perform or observe the sampling operations. Testing operations will be performed by a Certified Technician unless the Training Program option is utilized (see Appendix H (Training Program) for details). The certified technician, who performs the sampling and testing procedures, must sign the testing documentation.

Contractor quality control tests will be used for acceptance only if verified by tests performed by an independent group (Region QA).

Small quantities of some materials may be accepted when requested by the contractor and approved by the Project Manager (see Section 4(B) of MFTP).

NOTE: ODOT will perform testing for all source/compliance tests and those non-field tested items associated with construction products (e.g. asphalt's, emulsions, tack, water, cement, lime, etc.).

Verification

Verification is defined as*: Sampling and testing performed to validate the quality of the product.*

Verification samples are taken randomly (minimum ten-percent of specified quality control frequency) and tested by an independent group (Region QA) to verify that products meet required specification(s). Quality Control samples shall not be used for verification.

Independent Assurance

Independent Assurance is defined as: *Activities that are an unbiased and independent evaluation of all the sampling and testing procedures used in the acceptance program.*

ODOT's Independent Assurance (IA) Program uses a combination approach requiring laboratory certification, technician certification, proficiency samples, and where possible, split samples of verification or QC tests. The Construction Section certifies quality control and quality assurance testing laboratories and technicians. Contractor's test results of split IA samples are compared to Region QA test results for compliance using ODOT IA parameters. The PM performs random inspections of QC labs and technicians for compliance. The quality of Region QA test results are constantly monitored through the Departments proficiency samples program, which is outlined in Appendix B.

NOTE: The Quality Assurance Testing (both Verification and Independent Assurance) will be performed by a Quality Assurance Laboratory designated by the Agency in compliance with 23CRF637.

Quality Assurance Program Components

Third-Party Resolution

Third Party Resolution is used when the Agency's Quality Assurance test results conflict with ongoing Quality Control test results and when verification requirements are not met or the conflict cannot be resolved. Third-Party Resolution can be requested by either the Contractor or the Project Manager.

Third Party Resolution testing shall be performed by a Dispute Resolution Laboratory. The Construction Section's Central Materials Laboratory performs third party and dispute resolutions. This is normally done by testing quality control production backup samples , but may include other resolution techniques or procedures as determined by the agencies technical expert for the corresponding specification section.

The test result(s) of the Dispute Resolution Laboratory performing dispute resolution materials testing for any or all disputed test results will be considered the actual test results and will therefore be used for acceptance of the material.

CERTIFICATION ADVISORY COMMITTEE

The certification programs (both Technician and Laboratory Certifications) for ODOT's Quality Assurance program will be overseen by a Certification Advisory Committee. The purpose of this committee is to review and provide general oversight to the certification programs. The committee will be responsible for establishing policy as related to the certification programs and will also be responsible for reviewing allegations concerning abuse by technicians. The Certification Advisory Committee will perform other duties as required to successfully implement and continue the Certification Programs. A meeting of the committee may be called at any time by the Chair of the Certification Advisory Committee or by written request of at least two members of the Committee. A majority of the members of the Committee shall be present for transaction of official business.

<u>Membership</u>

Membership of the Certification Advisory Committee will include the following:

ODOT Construction and Materials Engineer (Chair)
ODOT Pavements Services Engineer
ODOT Quality Assurance Engineer
ODOT Structural Services Engineer
ODOT Laboratory Services Manager
APAO Executive Director or Representative

OCAPA Executive Director or Representative
AGC Heavy Highway Representative
Industry "At Large" Representative (appointed by Committee)

Random Samples

The Quality Assurance Program is based on theoretical conditions and the application of statistical acceptance procedures. Sampling shall be by simple random, stratified random, or systematic means as specified.

To obtain a representative sample, a reliable system of random sampling shall be employed. Some work, like process control, lends itself quite well to the use of the Random Units Table and the Random Sample Location forms that ODOT has developed. ODOT TM 400 (Determining Random Sampling and Testing Locations) is also available to assist with Random Number determinations and test site locations. This is the preferred method to assure that the samples are representative and eliminate sampling bias. In other work, like Verification or Independent Assurance, it may be difficult to apply random numbers to sample selection. In this case, it is imperative that the samples are taken at locations or times, which do not have an identifiable pattern, and are completely random and without bias.

Commercial Source Quality Control

The ODOT quality assurance program allows some freedom for commercial sources to establish their own quality control plan that is tailored to the operation of the specific commercial source. The commercial supplier is required to submit a written quality control plan to the appropriate Region Quality Assurance Coordinator for approval. All testing for the approved quality control plan is required to be performed by a certified technician in an ODOT certified laboratory. Specific details on Commercial Source Quality Control may be found in Appendix D.

II. ROLES AND RESPONSIBILITIES

Contractor

The contractor's responsibilities are to:

- Furnish a written quality control plan (See Appendix G, Pg. 60, for minimum requirements);
- Furnish and incorporate materials/products which are of the quality specified;
- Provide ODOT certified technicians and laboratories;
- Perform quality control of all materials/products used on ODOT construction projects;
- Sample and test materials using appropriate devices and procedures;
- Furnish QL when required;
- Sample and provide splits to ODOT upon request, witnessed by an agency representative;
- Perform required tests on contractor's split of IA samples;
- Properly document, sign and deliver test results as required, on ODOT forms according to Section 3 criteria; and
- Retain splits of all QC samples until PM determines that the split samples may be discarded.
- Retain all split portions of IA samples until notified in writing by the Project Manager to discard.

Project Manager (PM)

The Project Manager has the authority and responsibility to enforce the provisions of the contract. The PM's Quality Control Compliance Specialist (QCCS) is involved with the project QA activities and is experienced and certified in all areas of field testing and documentation. The QCCS is required to maintain certification in CAgt, CEBT, CAT 1, CDT and QCT. Certification in CAT II, CCT and CMDT are recommended.

The Project Manager is responsible to ensure that:

- The project meets the requirements specified in the plans and specifications.
- All required tests are performed, documented, and submitted. The PM is also responsible for informing the QAC of project schedules, current quantities, and anticipated sampling requirements so verification testing can be accomplished.
- The contractor's QC program meets required standards. This is accomplished by performing inspections of contractor's personnel, testing procedures, and testing equipment.
- The contractor and Region Quality Assurance Laboratory is notified in writing within 5 working days of an IA/Verification sample's completion, as to which backup samples may be discarded or that an investigation is in progress. Upon the completion of an investigation inform the contractor, in writing, as to which backup samples may be discarded. Written notification will identify the Lot/Sublots, include the IA test results and if required the resolution of an IA investigation.

Region Quality Assurance Team

The Region Quality Assurance Team consists of a Quality Assurance Coordinator (QAC), Assistant Quality Assurance Coordinator and Quality Assurance Technicians (QAT). They are resources for the PMs, inspectors, technicians, other agencies, and contractors. They are also experienced in construction and are certified in design and testing of construction materials.

Specific duties include, but are not limited to, the following:

- Maintain uniformity in construction and testing activities;
- Witness Quality Control Technician Sampling for IA and verification testing;
- Perform all required IA and verification testing;
- Properly document on ODOT forms according to Section 3 criteria;
- Calibrate or verify calibration of all nuclear moisture density gauges for ODOT, industry, and other agencies;
- Administer the Region's radiation safety program;
- Troubleshoot construction problems related to materials;
- Recommend changes to mix designs;
- Assist in the technician certification program;
- Oversee Region testing facilities;
- Inspect contractor facilities and/or technicians; and
- Assist in QC laboratory certification.
- Retain IA/Verification splits until notified by the PM.
- Administer the Commercial Source Program

Construction Section

The Construction Section's duties include:

- Support of the QA program by coordinating training and certification for technicians and by certifying all testing labs associated with ODOT construction projects;
- Administer the proficiency sample program;
- Provide third-party dispute resolution, according to the QA program, when necessary.
- Utilize the QA Steering Committee to establish and ensure statewide consistency in the QA Program.

III. LAB CERTIFICATION PROGRAM

OVERVIEW

The Construction Section (CS) developed this laboratory certification program to support the Oregon Department of Transportation's (ODOT) Quality Assurance Program for Construction Materials. This program recognizes three categories of laboratories that will test materials for ODOT construction projects: Quality Control, Quality Assurance, and Dispute Resolution. To ensure that laboratories consistently provide quality test results, they shall be certified according to this Program.

PROGRAM DESCRIPTION

1. Quality Control Laboratories

Quality control of construction materials is the responsibility of the contractor. Laboratories performing quality control testing may be the contractor's own, the material supplier's or an independent testing laboratory.

The ODOT Central Laboratory will certify all Quality Control Laboratories for those test methods necessary to perform Quality Control tests of construction materials for ODOT construction projects. An outline of the on-site inspection process and laboratory certification criteria is found in Appendix A. This certification will be valid for one year. If a laboratory's certification expires and the laboratory has a continued need to test materials for ODOT construction projects, the laboratory shall apply for re-certification.

This laboratory certification process is designed to provide a "snapshot" of the quality of a laboratory. The ODOT Central Laboratory or its authorized representative will examine the laboratory's testing equipment for accuracy and conformance to specifications. If the laboratory's equipment is properly calibrated and within specifications, and if the laboratory meets all other conditions specified in Appendix A, ODOT will certify the laboratory as competent and able to test materials for ODOT construction projects.

2. Quality Assurance Laboratories

Quality assurance is the responsibility of ODOT (the owner). Quality Assurance Laboratories perform Independent Assurance (IA) and/or Verification tests in coordination with Quality Control Laboratories performing quality control tests of materials for ODOT construction projects. This provides ODOT with an independent analysis of the quality control test results to ensure that the results of quality control tests are valid.

Quality Assurance Laboratories will usually be ODOT Region Laboratories, but may also be the ODOT Central Laboratory or an ODOT contracted independent testing laboratory.

Quality Assurance Laboratories perform Independent Assurance (IA) and/or Verification tests during production of materials. These laboratories perform a portion of the tests that the Quality Control Laboratories perform. The quality control and quality assurance test results are compared to each other to determine the reliability of the quality control testing program.

The ODOT Central Laboratory will certify all Quality Assurance Laboratories for those test methods necessary to perform quality assurance tests of construction materials for ODOT construction projects. This certification will be valid for one year. If a laboratory's certification expires and the laboratory has a continued need to test materials for ODOT construction projects, the laboratory shall apply for re-certification. An outline of the on-site inspection process and laboratory certification criteria is found in Appendix A.

This laboratory certification process is designed to provide not only a "snapshot" of the quality of a laboratory, but also an evaluation of the laboratory's performance in maintaining quality and consistency. ODOT Central Laboratory inspectors will examine the laboratory's testing equipment for accuracy and conformance to specification. In addition, the quality assurance laboratory is required to participate in the ODOT Central Materials Laboratory Proficiency Sample Program (see Appendix B). If the laboratory's equipment is properly calibrated and within specifications, and if the laboratory meets all other conditions specified in Appendix A, then ODOT will certify the laboratory as competent and able to perform independent assurance and/or verification tests of materials for ODOT construction projects.

3. Dispute Resolution Laboratories

When Quality Control and Quality Assurance test results conflict and the conflict cannot be resolved; a neutral Dispute Resolution Laboratory will test the material in question. The test results of the Dispute Resolution Laboratory will decide the dispute.

The ODOT Central Laboratory will perform all third party and dispute resolutions unless a potential for conflict of interest exists.

In the event that the ODOT Central Laboratory acts as the Quality Assurance laboratory, and that the dispute is therefore between the Quality Control Laboratory and ODOT Central Laboratory, the ODOT Central Laboratory will defer its dispute resolution duties to a certified laboratory agreed upon between ODOT and the Contractor.

The ODOT Central Laboratory shall certify dispute Resolution Laboratories., other than the ODOT Central Laboratory.

Any Laboratory which has run Independent Assurance, Verification or Quality Control testing on the material under dispute is considered to have a conflict of interest and shall not perform Dispute Resolution on its own tests.

Laboratory Decertification

A Quality Control or Quality Assurance Laboratory may have its entire certification or its certification for specific test methods revoked by ODOT if it is found to not conform to the specifications and standards of its ODOT certification. A laboratory that has had its certification revoked for a specific test method(s) may not test materials that require the use of such revoked test certification(s). A laboratory that has had its entire certification revoked shall promptly cease testing materials for ODOT construction projects.

A laboratory that has had its certification partially or entirely revoked may seek reinstatement by demonstrating conformance to the ODOT Laboratory Inspection criteria (See appendix A).

In addition, any laboratory/company intentionally misrepresenting the status of their certification or falsifying test results will be subject to disciplinary action up to a one-year suspension of their certification. Any allegation regarding the practices of a certified laboratory will be made in writing to the Certification Advisory Committee. The Certification Advisory Committee will investigate the complaint and take appropriate disciplinary action. In all cases, the parties involved in the complaint will be provided an opportunity to appear before the committee before any actions are taken.

IV. TECHNICIAN CERTIFICATION PROGRAM

INTRODUCTION / BACKGROUND

The Oregon Department of Transportation's Quality Assurance Program will require all personnel and laboratories performing testing on ODOT projects to be certified. The level of certification is dependent on the specific type of testing to be performed. The Certification Advisory Committee, described in Section I, of the QA Program, will provide approval and General oversight for the certification programs. Specific direction and administration of the individual certifications will be provided by ODOT unless other groups are specifically referenced in the description of the individual certifications.

The Oregon Department of Transportation is a member of the Western Alliance for Quality Transportation Construction (WAQTC), which consists of 11 western states committed to the quality of our transportation systems. WAQTC has developed a technician-training program, which is comprised of instructional, and student modules used to assist in the training process of material field-tested procedures. ODOT has adopted the training packages for all certifications except for ODOT specific certifications and those controlled by entities other than WAQTC such as QCT, CCT, CMDT and CAT II.

The purpose of the Technician Certification Program is to insure technicians performing testing have a minimum level of knowledge in the area of certification.

Technician Certifications

Following is a summary of the approved Technician Certifications currently in place. Initial certification, in any discipline, will be valid for a 3-year period, except CSTT, which is valid for a 6-year period. After the initial 3-year certification period has expired, the certification renewal period will be 5 years for all certifications, except CSTT, CCT, CMDT and Cat-II. CSTT will be valid for a 6-year period and CCT and Cat-II will be valid for a 3-year period. Recertification for CMDT is required every 2 years following the initial 3-year certification. The length and conditions of any extension will vary and are at the discretion of ODOT.

Certified Aggregate Technician (CAgT):

A CAgT performs a variety of tests on soils and aggregates including; sieve analysis, fracture, sand equivalency, and other tests. A CAgT also performs other duties as required by current specifications for soils and aggregate materials.

Certified Embankment and Base Technician (CEBT):

The CEBT performs testing of soils and aggregates for establishing the relative maximum density and optimum moisture for use in compaction testing of sub grade soils and aggregate bases. A CEBT also determines the Specific Gravities of aggregate.

Certified Density Technician (CDT):

A CDT performs in-place density testing of soils, aggregates, and asphalt mixtures using the nuclear density gauge. In addition to certification, a CDT must possess a current Radiation Safety Card issued by an approved source. For soil, soil aggregate mixtures, and aggregates a CDT determines percentages of coarse and fine material, performs one point testing and related calculations.

Certified Asphalt Technician I (CAT-I):

A CAT-I performs sampling and testing for HMAC and EAC mixtures including AC content, maximum specific gravity, sieve analysis, void measurements, and other tests and duties as required by current specifications.

Certified Asphalt Technician II (CAT-II):

A CAT-II is responsible for managing the volumetric properties of asphalt mixes by controlling plant operations, for troubleshooting HMAC sampling and testing processes, and for making appropriate adjustments to HMAC production and lay down procedures. **Certification at CAT-II level is contingent on having successfully completed the CAT-I certification phase at least once.**

Certified Mix Design Technician (CMDT):

A CMDT is responsible for preparing HMAC and EAC Mix Designs, including all material testing and data analysis necessary to properly complete a design. A CMDT prepares designs for both dense and open graded mixtures.

Quality Control Technician (QCT):

A QCT performs testing of fresh Portland cement concrete including sampling, concrete temperature, slump, unit weight, air content, and fabrication of specimens for strength testing and performs other duties including calculating cement content and water-cement ratio as required by specifications. QCT certification is obtained through the ACI Concrete Field Testing Technician - Grade 1 certification program, with the Oregon written Supplemental test, conducted by the Oregon Concrete and Aggregate Producers Association (OCAPA).

Concrete Control Technician (CCT):

A CCT is responsible for preparing concrete mix designs. Proportioning concrete mixtures to meet job requirements, and for making adjustments to the mix design as necessary to provide a concrete mixture of the quality required by specifications. A CCT certification is obtained through a training program conducted by OCAPA.

Concrete Strength Testing Technician (CSTT):

A CSTT is responsible for testing the compressive or flexural strength of hardened concrete cylinders or beams. The duties of a CSTT include proper capping of specimens (bonded and un-bonded), correct operation of breaking device and visual evaluation of broken specimens. Also, the CSTT is responsible to insure the proper handling, mold removal, logging and curing of field fabricated samples upon arrival at the laboratory**.** A CSTT certification may be obtained through a program conducted by Oregon Chapter of the American Concrete Institute.

Who Must Be Certified?

All personnel responsible for performing testing, and reviewing test reports, required on projects, which the ODOT Quality Assurance Program applies must be certified. This requirement applies to project personnel working as technicians or fulfilling the role of a Quality Control Compliance Specialist for the State, Contractors, or Consultants on such projects.

Certification Requirements

To obtain any of the above certifications, the technician will be required to pass a written and/or a practical test demonstrating a knowledge and understanding of how to perform the specific tests and of specifications applying to the material being tested. All tests shall be administered and evaluated only by evaluators approved by the Certification Advisory Committee Chair, or their designated representative.

To apply for the certification, the applicant will register either for one of the approved training classes, where the exam will be administered as part of the class, or submit an application to challenge the exam. The challenge applications will be submitted through the approved training program to facilitate scheduling. Appropriate fees will be charged for the challenge exams to cover scheduling, overhead and facility use. Applicants will be scheduled for examination through a cooperative effort between ODOT and the appropriate training program service provider.

All certifications shall be contingent upon the technicians signing a rights and responsibilities agreement. This agreement outlines the technician's rights and responsibilities along with the possible consequences of the abuse and/or neglect of these responsibilities. The technician will submit a signed agreement at the time they take the certification examination.

Examination Process

The Asphalt Paving Association of Oregon (APAO) and Oregon Concrete Aggregate Producers Association (OCAPA) currently perform the instructional phase, while ODOT maintains the certification and administration of the written and practical exam processes. The certification system is made up of three phases. Phase one - WAQTC written exam, phase two - ODOT written exam and phase three - combined ODOT and WAQTC performance exam.
During the exam process, only hand calculators are allowed, the use of computers is not permitted during any exam phase.

Challenge Process

A person may challenge the exam process if they feel that they have the knowledge and skills to be able to pass without attending formal training. If the person does not currently possess a certification for that specific discipline and fails any of the following mentioned examination events, then that person must attend the formal training for that certification. If the person currently possess a certification for that specific discipline and fails any of the following mentioned examination events, then that person may challenge the failed examination event for that certification a second time. If the person fails the challenged event a second time, then the person must attend formal training for that specific discipline.

WAQTC Written Examination

a. Closed Book
b. Consists of multiple modules, depending on the needed certification
c. Each module consists of 5 questions with multiple choice, true or false, and required calculations.
d. Written exam time lines vary depending on the needed certification. 1 to 1 ½ hours is given to complete the exam.

- ODOT Written Examination:

a. Open Book
b. Consists of multiple choices, true or false, and essay questions related to test procedures as well as specifications and completion of various ODOT forms.
c. Written exam time lines vary depending on the needed certification. 3 to 3 ½ hours is given to complete the exam.
d. For CMDT certification, there are two written exams covering Dense and Open graded HMAC, EAC and Aggregate Treatment applications. 4 hours is allowed for the Dense HMAC exam and 2 hours for the Open HMAC, EAC and Aggregate Treatment exam.

- ODOT /WAQTC Combined Performance Examination

a. Each participant will demonstrate proficiency in the designated test methods with prepared samples and will demonstrate the ability to apply specifications and ODOT specific requirements to the needed test and identify the quality of the material being tested.
b. The exam is open book but the technician may not use the performance exam checklist.
c. The performance examination for ODOT is performed in conjunction with the WAQTC performance exam. 4 ½ hours is given to complete the performance exam process with 4 hours actual lab time and ½ hour given to complete calculations. The performance exam answers are graded based on completion of the required tests, accuracy of computations, application of the correct specifications, and the results of computations meeting the parameters set forth in the Independent Assurance Parameters section of the Quality Assurance Program.
d. During the performance exam the examinee may be asked to explain various steps of a procedure to reduce the full test time.

e. The performance exam checklist consists of yes and no blocks. In order to complete the checklist successfully, all of the yes blocks must be filled out.

   In the event, a participant fails the first attempt; a second attempt is given, if time permits, and after the exam proctor explains the correct procedure. Anyone failing a test method on the performance exam may repeat that trial during the day of the performance exam, depending on the timelines and the type of test. Repeat trials will be allowed in not more than 50% of the total test methods in that performance exam. If the participant fails on the second attempt the performance exam will stop and the participant will have to re-take the exam at the scheduling convenience of the Agency.

- **<u>Passing Score – Written</u>**

a. Initial exam (first attempt) WAQTC: An overall score of 70% with a minimum of 60% on any one-test method.
b. Re-exam (second attempt) WAQTC: An initial exam overall score below 70% will require a re-exam on all test methods. An initial exam score above 70% overall, but below 60% on one or more test methods, will require a re-exam on only those test methods. In the case of one test method comprising the re-exam, the examinee must receive a score of 70%. In the case of more than one test method comprising the re-exam, the examinee must receive an overall score of 70% with a minimum of 60% on any one-test method.
c. Initial exam (first attempt and second attempt) ODOT: An overall score of 70% is required to successfully complete the exam requirement.
d. Initial exam (first attempt) for the QCT ODOT supplemental exam: An overall score of 80% is required to successfully complete the exam requirement. For the CCT and CMDT certification exams, an overall score of 75% is required to successfully complete the exam requirement.
e. Re-exam (second attempt) for the ODOT QCT and CCT exam the participant must meet the same criteria as the Initial exam (first attempt).

- **<u>Passing Score – Performance</u>**

a. All performance checklists must have 100% yes blanks checked and each test method must be performed within the designated time limit. Each examinee is allowed two attempts to complete procedures if time allows.
b. First attempt: Performing all the required tests, application of correct specifications and meeting the Independent Assurance Parameters is required to receive a pass rating. The grading is based on pass/fail of all associated tests performed under the desired certification.
c. Second attempt: The same criteria as the Initial exam must be met.
d. For CMDT, an acceptable Level 2, 3 or 4 HMAC design must be submitted along with verification materials, as described in Section 6 of the most recent edition of the "Contractor Mix Design Guidelines for Asphalt Concrete". A six-month period will be allowed for the mix design submittal from the date of the written exam.

Re-examination Policy – Written/Performance

Failure of any exam phase a second time will require attendance of the course for that qualification and passing the exam element failed on the second attempt if certification is still desired. In addition, on the date the certification process is started a technician will have 120 days to complete the exam requirements for the desired certification. If the exam requirements are not met within the 120-day period and certification is still desired the technician will be required to perform the entire exam process again.

Applicants with Disabilities or Special Needs

Applicants with a disability or those having special needs should notify the Certification Advisory Committee Chair, or their designee, at the time application is made of what appropriate accommodations need to be made so that these can be planed for.

Disclaimer

Certification of an individual by the ODOT Technician Certification Program indicates only that the individual has demonstrated a certain level of competence on a written and/or practical examination in a selected field of activity. ODOT may require this certification of individuals performing activities specified in work contracts or other activities. ODOT and the Certification Advisory Committee make no claims regarding the abilities or competence of certified individuals. Each individual or organization utilizing certified individuals must make its own independent judgment of the competence of certified individuals. ODOT specifically disclaims any responsibility for the actions, or the failure to act, of individuals who have been certified through the ODOT Technician Certification Program.

To obtain certification may involve hazardous materials, operations and equipment. This program does not purport to address all safety or regulation concerns associated with the use of the procedures used. It is the responsibility of the users to use and establish appropriate safety and health practices and determine the applicability of regulatory limitations.

Documentation of Certification

Upon the successful completion of the examination(s), the participant's name, home address, and/or company affiliation is registered in the official registry of certified technicians for the appropriate certification. ODOT Construction Section maintains the official registry. It is accessible on the internet at the following address:

http://highway.odot.state.or.us/cf/techcertDynamic/Index1.cfm.

It is anticipated that many technicians will hold multiple certifications. Each certified technician is given a laminated wallet-size identification card, which indicates all areas of certification, and official letter(s) indicating certification(s) held.

Recertification

To remain current, a Certified Technician must obtain recertification before the expiration date of the certification. Recertification may only be obtained by passing the written and/or practical test required for that particular certification. A Certified Technician must apply for the individual certification for which they want to remain certified. The Certified Technician is responsible for scheduling his/her own written and/or practical comprehensive examination.

It should be noted that should a technician fail to successfully complete a Certification renewal in a specialty area, the technician will be considered disqualified in that area, only, until the requirements for Certification renewal have been successfully met, subject to the limitations set forth in this document.

Revocation or Suspension of Certification

The Certification Advisory Committee Chair for just cause may revoke technician Certifications at any time. Proposed revocations are sent to the individual in writing along with the individual's right to appeal the proposed revocation. A proposed revocation is effective upon receipt by the technician and will be affirmed, modified, or vacated following any appeal.

The reasons that certified technicians will be subject to revocation or suspension of their certifications are *negligence* or *abuse* of their responsibilities. The Certification Advisory Committee (CAC) may disqualify certified technicians for other reasons of just cause, which may or may not be specifically defined herein following the due process procedures outlined herein.

Negligence is unintentional deviations from approved procedures that may or may not cause erroneous results. The following penalties are guidelines for findings of *negligence*: The first finding of *negligence* will result in a letter of reprimand being sent to both the employee and the employer. Depending on the nature of the incident, the CAC could impose up to a 30 day suspension The second significant incident during the certification period will result in the Quality Assurance Engineer (QAE) discussing the issue with the individual and their employer to establish a corrective action plan. Depending on the nature of the incident, the CAC could impose up to a 180 day suspension. The QAE will also notify the entire ODOT Quality Assurance staff of the issue. A third instance of neglect may result in permanent revocation of the Certification.

Abuse is knowingly deviating from approved procedures or when the technician should have known they were deviating from approved procedures. There are two levels of severity for *abuse*. For level 1 *abuse*: The first finding may result in up to a 180-day suspension all of the Certification's of the individual. A second instance (within the certification period) would result in a minimum of 180-day suspension of all certifications.

For level 2 *abuse*: the first finding will result in a 1-year suspension of all Certification's of that individual. A second finding will result in permanent revocation of all Certifications.

Revocations or suspensions for *abuse* or *negligence* in one Certification area are considered revocations or suspensions in all Certifications held by the technician.

Allegations of *negligence* or *abuse* are made to the Quality Assurance Engineer (QAE) in writing. The allegations will contain the name, address, and signature of the individual(s) making the allegation. The QAE will investigate all allegations. The QAE will decide if the incident is significant to warrant review by the Certification Advisory Committee (CAC). If the incident is given to the CAC for review, then the accused and the individual(s) making the allegation are given the opportunity to appear before the CAC to present any appropriate information. Within a 60 day period, all involved parties will receive a report of the findings in writing. Any warranted penalties will be imposed in accordance with guidance contained herein and according to the guidelines outlined under the Technician Compliant Process (See Appendix F). Decisions regarding allegations of *negligence* or *abuse* may be appealed in writing to the Committee Chair. The Committee Chair will independently consider such written appeals but may rely on the advice and counsel of the Committee.

Because ODOT is a member of the Western Alliance for Quality Transportation Construction, the Certifications are honored by other member states. The Certification Advisory Committee will notify the other members of the WAQTC, or other participants in the TTQP, of anyone having a Certification revoked or suspended.

APPENDIX A

OREGON DEPARTMENT OF TRANSPORTATION
CONSTRUCTION SECTION
CENTRAL MATERIALS LABORATORY

ON-SITE LABORATORY INSPECTION CRITERIA
FOR QUALITY CONTROL AND QUALITY ASSURANCE LABORATORIES

A laboratory desiring information and/or an application package for ODOT laboratory certification may contact the ODOT Central Laboratory at the following address:

Oregon Department of Transportation
Construction Section, Materials Laboratory
Attn: Lab Certification Coordinator
800 Airport Road SE
Salem, OR 97310-4798
Telephone (503) 986-3087

Laboratories requesting ODOT certification shall make arrangements to receive an on-site inspection. Forms will be included in the application package to facilitate the laboratory's response to this requirement.

NOTE: It is the responsibility of the requesting laboratory to have their lab clean, organized and in complete operating order at the time of inspection. All equipment must be readily available and accessible. The ODOT Laboratory Certification Team does not search for stowed equipment. In addition an authorized representative must be present at the time of inspection to answer questions or respond to identify and present equipment. Failure to meet this criterion or to find unorganized, unkempt facilities may result in a canceled inspection.

On-Site Inspection

The Lab Certification Inspector will visit each laboratory whose application for certification has been accepted. The laboratory inspector will evaluate the laboratory using criteria A through H listed below. A discussion of the criteria follows:

A. ***Requirement*: The laboratory shall maintain facilities (fixed or mobile) for proper control of the laboratory environment.** This criterion is used to evaluate the laboratory's physical ability to provide an appropriate environment in which to test materials. General requirements include: the facility shall be physically able to function as a laboratory (e.g. adequate power, water, lighting, floor space etc.) and have the capability of maintaining temperatures that are specified in the test methods for which the laboratory is seeking certification.

B. ***Requirement*: The laboratory shall maintain facilities for proper storage, handling, and conditioning of test specimens and samples**. This criterion is used to evaluate a laboratory's physical ability to store samples and keep them organized. The laboratory shall maintain separate areas on its premises to store samples and splits of samples in an organized manner so that samples are not lost or discarded and may be found at a future date. In addition, the laboratory shall have facilities for the conditioning of samples as required by any test method for which the laboratory seeks certification.

C. ***Requirement*: Calibration certificates held by laboratories shall meet the requirements of ISO/IEC 17025 and shall include appropriate statements of uncertainty. Laboratories shall use accredited calibration service providers. The laboratory shall maintain necessary calibration equipment and reference standards**. A laboratory shall have, on hand, calibration and verification equipment necessary to ensure the accuracy of its equipment. Such equipment could include calibration weights for scales or balances; manometers for the verification of vacuum pumps; thermometers etc.

D. ***Requirement*: The laboratory shall maintain equipment conforming to specification requirements necessary for the testing performed**. This criterion is used to ensure that the laboratory's testing equipment conforms to the specifications listed in the test methods for which the laboratory is seeking certification.

E. ***Requirement*: The laboratory shall demonstrate adequate care when recording and processing data and test results**. This criterion is used to evaluate the laboratory's ability to produce accurate test reports. The laboratory shall have procedures in place that facilitate the timely and accurate recording of data and the ultimate accuracy of its test reports.

F. ***Requirement*: The laboratory shall demonstrate proper techniques for selection, identifying, handling, conditioning, storing, and retaining test samples**. This criterion is similar to criteria B but is concerned with the laboratory's internal policies and procedures rather than its physical capabilities in regards to the above activities. The laboratory shall have policies and procedures in place to ensure that its personnel and technical staff have the ability to select, identify, handle, condition, store, and retain test samples as required by the test methods for which the laboratory is seeking certification.

G. ***Requirement*:** The laboratory shall include the laboratory's name and address and the name(s) of the technician(s) performing the test(s) on their test reports. This criterion is used to ensure that the above information appears on the laboratory's test reports that are submitted to ODOT. In addition to the above, the technician(s) certification card number shall be entered on all test reports.

H. ***Requirement:*** The laboratory shall have on site at the time of inspection and during production operations, a copy of the current MFTP and all equipment (except items listed as **mobile equipment**) necessary to perform the test methods for which they have requested certification. The ODOT Lab Certification inspection team has a Color Coded Tagging System, which identifies various lab equipment that has met the certification criterion. The unique Colored Tag is valid for a 1 year period and starts from the date of the Final Report**. (Note: Not all testing equipment is tagged; reference the appropriate test procedure to identify required equipment.) Mobile equipment** for additional test procedures may be added at a later date provided the following conditions are met:

- The laboratory must demonstrate adequate workspace and electrical system to operate required equipment.
- If equipment is new, they must provide copies of invoices that include the make, model and serial number of the equipment.
- If the equipment is rented or borrowed, it must come from another ODOT certified laboratory and provide the make, model and serial number as well as the number and color of the ODOT inspection tag.

Mobile Equipment

1. Ignition Oven
2. Gyratory Compactor
3. Field concrete equipment

Preliminary Report

The ODOT Lab Certification Inspector will prepare a preliminary report of findings and present it to the laboratory manager at the conclusion of the on-site inspection. The preliminary inspection report will list all discrepancies for each test method in which the laboratory has requested certification. The inspector will discuss each discrepancy noted in the preliminary report with the laboratory manager in sufficient detail so that the laboratory manager understands the scope of the problem(s) and what corrective action is required in order to obtain certification for the test method(s) in question. When the inspector and the laboratory manager have covered all of the deficiencies, both parties will sign the preliminary report. These signatures indicate that both parties have read the report and understand its contents. The inspector will leave the original copy of the report with the laboratory manager and place a copy in the laboratory's permanent file.

The laboratory inspector will immediately (same or next day) FAX or hand deliver a copy of the report to the project manager and the region QA personnel for their files and general information.

Laboratories are expected to correct all deficiencies within thirty-days so that a certification may be issued. If a laboratory needs more than thirty-days to correct deficiencies, the laboratory shall notify the laboratory inspector, in writing, explaining why they need additional time. The laboratory will not be certified until all deficiencies are corrected.

If the ODOT Lab Certification Inspector within the thirty-days receives no response to the preliminary report allowed, then the laboratory will be immediately decertified until the deficiencies are corrected or a written response has been received.

Final Report

Once all of the deficiencies have been corrected the ODOT Lab Certification Inspector will prepare a final report of findings and mail it to the laboratory.

The laboratory inspector will mail copies of the final report to the project manager and the region QA office.

Certificate of Laboratory Certification

The ODOT Central Laboratory will prepare a Certificate of Laboratory Certification for a laboratory when the laboratory has met the requirements listed in Appendix A, and has corrected all deficiencies noted by the inspector. The certificate will be mailed to the laboratory with the final report of findings. The Certificate will include the type of certification, laboratory name, test methods the laboratory has been certified to perform, color of the inspection tag and the Construction Section Manager's signature. This Certificate is proof of a laboratory's ODOT certification for the listed test methods and may be presented as such to any ODOT project manager.

The laboratory inspector will mail copies of the Certification with the final report to the project manager and the region QA office.

Certificates of Laboratory Certification are valid for one-year from the date of the inspection.

Follow Up On-Site Inspections

If at any time during a laboratory's term of certification, the project manager or region QA personnel suspect that any of the contractor's laboratory equipment, conditions outlined under Requirement H or the laboratory building itself are out of specification, the project manager or region QA personnel may request an additional on-site inspection. The project manager or region QA personnel will contact the Lab Certification Inspector and schedule the follow up on-site inspection.

Laboratory Decertification

If the follow up on-site inspection reveals that the laboratory is deficient in one or more areas, the laboratory inspector will immediately decertify the laboratory for those test methods affected by the deficient equipment or facilities. The laboratory inspector will recertify the laboratory following correction of all deficiencies. A laboratory may not perform materials tests using test methods for which it has been decertified.

In addition, any laboratory/company intentionally misrepresenting the status of their certification or falsifying test results will be subject to disciplinary action up to a one-year suspension of their certification. Any allegations regarding the practices of a certified laboratory will be made in writing to the Certification Advisory Committee. The Certification Advisory Committee will investigate the complaint and decide on appropriate disciplinary action. In all cases, the parties involved in the complaint will be provided an opportunity to appear before the committee before any actions are taken.

APPENDIX B

OREGON DEPARTMENT OF TRANSPORTATION
CONSTRUCTION SECTION
QUALITY ASSURANCE LABORATORY

PROFICIENCY SAMPLE PROGRAM

Proficiency sample testing is an additional factor used to evaluate the performance of a Quality Assurance (QA) laboratory and the Quality Assurance (QA) laboratory technicians. It provides information not otherwise available from the on-site laboratory inspection (Appendix A) and a means of continued monitoring of testing personnel and testing equipment. The ODOT Construction Section requires QA Laboratories and QA laboratory technicians to participate in this Proficiency Sample-testing Program. Participation includes testing all applicable samples, which are to be distributed and completed within the specified time frame. The resulting data is analyzed by the ODOT Quality Assurance Engineer.

Proficiency samples are distributed by Construction Section at annual intervals as outlined in the Proficiency Sample Testing Plan in Table 1 of this Appendix. The Construction Section will distribute a minimum of one set of samples from each material test method listed in Table 1 for each of the QA laboratory technicians. The ODOT Central Laboratory and the QA laboratory technicians will perform the required testing listed in Table 1 on each set of samples. The distribution of proficiency samples is not intended to coincide with the on-site laboratory inspection. Proficiency Sample test results will be submitted to the Quality Assurance Engineer within 30 days of receipt of the sample. The results will tabulate all of the testing results from the ODOT Central Laboratory and the QA laboratory technicians and statistically evaluate if any of the technician results are more than two standard deviations beyond the grand average value for each test method.

When a QA laboratory technician results are beyond two standard deviations of the grand average values, the Quality Assurance Coordinator (QAC) shall investigate the reason for the discrepancies and report the findings and actions taken to the ODOT Quality Assurance Engineer (QAE) within thirty days of issuance of a final report. The QAE will determine whether or not the findings warrant further action to address the testing deviations and identify steps that need to be taken to ensure that the technician is correctly performing the test. The QAE will be responsible for monitoring the technician testing results until there is confidence that the technician is following approved procedures.

When an ODOT Central Lab technician results are beyond two standard deviations of the grand average values, the ODOT Laboratory Services Manager shall investigate the reason for the discrepancies and report the findings and actions taken to the ODOT Quality Assurance Engineer (QAE) within thirty days of issuance of a final report. The QAE will address the testing deviations, identify steps to be taken, and be responsible for monitoring results in the same manner as for a QA laboratory technician.

If a QA laboratory technician or ODOT Central Lab technician exceeds the two standard deviation limit on the next year's Proficiency Samples for the same material test method and is not able to provide the QAE with a satisfactory explanation for exceeding the limits; the technician will immediately perform a backup proficiency sample witnessed by the QAE or designated representative. The QAE will review the process that was followed from the previous year's investigation findings and make a determination if the technician is not following approved procedures. If the QAE finds that the technician is not following approved procedures the QAE will immediately suspend the technician from performing any QA project work or third party dispute resolution work involving the test method that has been identified. The QAE will identify what steps are necessary to allow the technician to resume testing for the failing test method.

TABLE 1 – PROFICIENCY SAMPLE TESTING PLAN

January Distribution

TEST METHOD
SOIL & Aggregate Sample
Bulk Specific Gravity – AASHTO T85
Coarse Particle correction – AASHTO T224
Max. Density – AASHTO T99 Aggregate Base
Max. Density – AASHTO T99 Soil
Sieve Analysis – AASHTO T27/11
Sand Equivalent – AASHTO T176
Fracture – AASHTO TP 61
Wood Particles – ODOT TM225
Elongated Pieces – ODOT TM229
HMAC Mixture Sample
Bulk Specific Gravity – AASHTO T166A
Max. Specific Gravity – AASHTO T209
AC Content by Incinerator – AASHTO T308
Mechanical Analysis of Extracted Aggregate- AASHTO T30
Fabrication of Gyratory Specimen – ODOT TM326

A laboratory may obtain additional information on the Construction Section's proficiency-testing program by contacting the Construction Section at the following address:

Oregon Department of Transportation
Construction Section, Materials Laboratory
Attn: Quality Assurance Engineer
800 Airport Road S.E.
Salem, OR 97310
Telephone (503) 986-3061

APPENDIX C
PRODUCT SPECIFIC QC/QA TESTING PLAN

The Quality Assurance Program consists of three distinct sub-programs. The Quality Control Program, the Verification Program and the Independent Assurance Program. This appendix provides specific details on how these programs work together to assure specification materials are incorporated into ODOT projects. It also provides details on specific requirements of each of the programs for each of the materials, which are utilized on ODOT projects.

In general, contractor's quality control tests are obtained at the highest frequency. Agency verification tests are run usually on a frequency of 10% minimum, of the QC testing frequency. While the Independent Assurance program takes steps to assure the quality of both the QC and the verification test results.

ODOT will accept materials based on the contractors QC test results only if verified by the Agency verification testing. Verification of QC test results will require all of the following conditions to be met:

1. The Department's testing results show that the material meets the specified quality.
2. The split samples meet Independent Assurance parameters.
3. The Department's Verification test results compare reasonably to the ongoing Quality Control data.

If any of the above conditions are not met, an investigation will be conducted by the Project Managers office to determine whether to reject the material or if the material is suitable for the intended purpose according to section 150.25 and also what price adjustment might be applied. See Investigation Criteria for details and requirements.

Step 2 in the above conditions compares the contractor's test results on the split IA sample to the agency results. The Independent Assurance Parameters to be used for the comparison are listed in Table 1 of this appendix.

The following pages detail the Investigation Criteria, Quality Control, Verification and Independent Assurance requirements for each of the specific materials used on ODOT projects.

Investigation Criteria

The intent of the investigation is to determine reasonable cause for the discrepancy and provide supporting documentation. Materials failing to meet the conditions outlined for Verification, Independent Assurance and prior Quality Control testing, potentially have an impact on the quality of the material produced or incorporated into the project.

Several resources are available to assist with the troubleshooting process and data collection. Appendix E, (Troubleshooting Guide) provides some guidance through the evaluation phase based on material discipline and the associated tests. The guide is an evaluation tool and is not necessarily a complete listing of all potential areas to be investigated and the assistance of the Region QAC, QAE or other technical resources is encouraged.

The investigation and the resolution of the discrepancy shall be documented on form (734-4040) and at a minimum will contain the following information:

- Clearly explain the issue under investigation. Provide the bid item number, material description, test procedure or process in question, associated Quality Assurance testing reference's and date or timelines of the testing issue.

- Describe the steps taken to resolve the discrepancy and the associated information or test results gathered to support the findings.

- Provide a conclusion based on the findings.

- Describe recommendations or actions to be taken.

- Provide written notification to the QAC and Quality Control entity upon completion of the investigation. Ensure a copy of the investigation is maintained in the project files.

INSERT TAB

3. MFTP

FIELD TESTED MATERIALS
SMALL QUANTITY GUIDELINE

This Guideline defines a method for accepting relatively small quantities of field tested materials without following the normal Quality Control sampling and testing frequencies. These quantities are usually less than the sublot amounts shown in the Field Tested Materials Acceptance Guide.

The Contractor may request, in writing, that normal QC sampling and testing of materials be waived for the quantities listed in the table below. The Project Manager has the option to waive normal QC sampling and testing on the basis of one or more of the following conditions, if the Contractor submits the appropriate documentation with their request. Aggregate Product Compliance testing or documentation (Section 4A) shall be included with the submitted request. All asphalt cement products require a certificate of compliance.

(1) If similar material from the same source has been accepted for use on ODOT projects within the past two years, and was found satisfactory under the Department's QA Program. Include the QC test data with the request.

(2) Provide a Quality Compliance Certificate verifying that the material conforms to the contract requirements.

(3) Provide other information indicating, by what method or workmanship that the Contractor will assure that all the contract requirements will be met.

(4) For Section 00330 (Earthwork) provide a minimum of one Deflection test (TM 158) per area, performed by a ODOT Certified Density Technician (CDT). The Contractor's written request must identify the distinct work areas that small quantity acceptance is requested.

(5) For section 00440, Small Quantity usage is not allowed for Structural Items.

(6) For Section 00744 (MHMAC), acceptance shall be based on 744.17 or on QC data for the same Mix Design used on other projects within the past 24 months.

(7) For Section 00745 (HMAC), acceptance shall be based on 00745.17 or on QC and QA data for the same Mix Design used on other projects within the past 12 months.

(8) For Sections 00495, 00510, 0A596, 0B596 and 0C596 Small Quantity usage only applies to Quality Control Testing and sampling during Aggregate Production.

The Project Manager will report the basis of acceptance for the materials used in the project documents, including references to the appropriate test results and attachments.

See next page for Small Quantity Table.

Small Quantity Table

Section	Type of Material	Approximate Quantity
00330	Earthwork (Embankment)	500 yd^3
00330	Earthwork (Excavation)	500 yd^2
00345 & 00346	Lime & Cement Treated Subgrade	2000 yd^2
00390 & 00395	RipRap & Rock Gabions	100 yd^3
00405	Ditch & Trench Excavation, Bedding and Backfill	50 yd^3
00440	Commercial Grade Concrete (Non-Structural Items)	50 yd^3
00495	Trench Resurfacing	500 Ton
00510	Structure Excavation and Backfill	500 Ton
0A596, 0B596 & 0C596	Retaining Walls	500 Ton
00641 & 00642	Aggregate Sub-base, Base & Shoulders	2000 Ton
00680	Stockpiled Aggregate	2000 yd^3
00730	Asphalt Tack Coat	50 Ton
00735	Emulsified Asphalt Concrete Pavement (includes asphalt cement)	2500 Ton
00744	Minor Hot Mix Asphalt Concrete (HMAC-each Level) (includes asphalt cement)	2500 Ton
00745	Hot Mix Asphalt Concrete (HMAC-each Level) (includes asphalt cement).	2500 Ton

HOW TO USE
THE FIELD TESTED MATERIALS ACCEPTANCE GUIDE

This guide summarizes the testing requirements for various materials used in the construction of ODOT projects. It indicates what tests must be performed, who must perform them, and how frequently they must be performed. It includes materials which are sampled and tested in the field and materials which are field sampled but sent elsewhere for testing. When a contract requires Quality Control (QC) by the Contractor, samples that must be sent elsewhere for testing are delivered to the Project Manager along with the Sample Data Sheet (Form 734-4000). Examples of this and other test report forms are in Section 3 of this manual.

Materials in this guide are listed in the numerical order of the Standard Specifications and the project special provisions. English and Metric unit designations are not direct conversions, use the appropriate designation identified by the Project contract documents. To find the testing requirements for a particular material, first determine what it will be used for and then refer to the appropriate Specifications Section for that product. For example, to look up testing requirements for aggregate to be used in standard asphalt concrete paving, refer to Section 00745.

Definitions

SOURCE REVIEW/PRODUCT COMPLIANCE TESTING – Refer to Section 4(A) for additional explanation. Certain QC tests on aggregates fall into this category. They are identified in this section by the words “Product Compliance.”

SAMPLE SIZES – Refer to Section 4(C) for guidance on material sample sizes, containers, and labeling. Although designed for the ODOT Central Materials Laboratory (ODOT-CML), it is a good guide for samples being sent to any laboratory.

ASPHALT CONCRETE MIX DESIGNS – If the ODOT-CML is preparing the AC mix design, submit samples of the materials shown in Section 4(C) of this manual.

QUALIFIED PRODUCTS LIST (QPL) – For some materials, this guide will refer to the QPL. This means that the material must be listed in ODOT’s Qualified Products List. In the QPL, there is a column labeled “List.” If there is an “A” in that column for the particular item you are looking up, no sampling or testing is required-it is approved for use. Simply document, in a Field Inspection Report, your recognition of the product and its existence on the Approved “A” list. If there is a “Q” in that column , the product is qualified and is suitable for a use in a specific category. Job Control testing or additional

certification may still be necessary. Consult the ODOT Non-Field Tested Materials Acceptance Guide or the project specifications for further information.

Materials Not Listed in the (QPL) – Materials that require compliance testing but are not identified in the QPL will need to be submitted to the ODOT Central Lab for testing. Please contact the ODOT central lab receiving area (1-503-986-3057) for information on sample sizes and shipping criteria.

TYPES OF TESTS

The following types of tests will be performed by the Contractor or Engineer on materials and products required for contract work:

1. **Source Review –** This test type is addressed in Section 4(A) of this Manual.
   The Engineer will test unprocessed material from an aggregate source, if requested by the Contractor, to provide information about the quality of material. Tests will involve degradation, soundness, and abrasion, but may involve other tests. Favorable test results do not imply that processed material from the source will comply with specifications after it is processed as required for the project.

2. **Product Compliance –** This test type is addressed in Section 4(A) of this Manual. The Engineer will test processed material if process control testing indicates that the processed material meets the contract quality requirements. Tests will involve degradation, soundness, abrasion, and lightweight pieces, but may involve other tests. The material shall not be incorporated into the project unless Product Compliance tests show favorable results.

3. **Quality Control –** The Contractor will perform quality control testing as described in Section 2 and specified in 4(D) of this Manual or as modified by the Special Provisions or Supplemental Standard Specifications.

4. **Verification –** The Engineer will perform Verification testing as described in Section 2 and specified in Section 4(D) of this Manual. **Note: The required 10% testing of Quality Control by the Region QA is considered a minimum frequency and testing may be increased when deemed necessary by the engineer.** These tests provide the basis for the Engineer's decision on acceptance of materials and products. If Independent Assurance is to be done on a material, a split of the Verification sample will be given to the Contractor for testing.

5. **Independent Assurance –** Where Independent Assurance involves testing, the Engineer will evaluate test results from split samples to assure that Contractor test results meet required parameters.

6. **Visual –** Visual Inspection: Examination and assessment of construction materials, by **OBSERVATION**, to determine if the materials appear to meet the contract requirements and are acceptable for incorporation into ODOT construction projects. Visual inspection, when stated in the contract, is a method generally used by the Project Inspector in lieu of normal sampling and testing of field tested materials as defined in section 00165.00 of the Standard Specifications to document quality. Supporting documentation for visual acceptance is, at a minimum, a field inspection report. Consult the construction contract for other acceptance document requirements.

FIELD TESTED MATERIALS ACCEPTANCE GUIDE

(Revised October 2014)

MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	Same Frequency for all Tests (Minimums)			
						QUALITY ASSURANCE			
						Contractor Quality Control	Independent Assurance/Verification		
		ODOT	WAQTC	AASHTO			Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00330 - EARTHWORK									
Establishing Maximum Density (for Compaction)	*Density Curve*			*T 99*	*3468*	*1/Soil type*		*1/Project*	
	Bulk Specific Gravity			*T 85*	*3468*				
	Family of Curves			*T 272*	*3468FC*				
Compaction	*Deflection Testing*	*TM 158*			*1793S*	*1 test per 3 ft. in depth*			
	Nuclear Gauge			*T 310*	*1793S*	*See Table 00330-1 Below*		*10 % of Required QC*	
	Coarse Particle Correction			*T 224*					
	Deflection Testing	*TM 158*			*1793S*				

TABLE 00330-1 Frequency of Quality Control Testing (English)

Individual Areas	Under 3500 yd² or yd³	Over 3500 yd² or yd³
Existing Ground Surface	1 test per 1000 yd²	1 test per 3000 yd²
Embankments	1 test per 500 yd³	1 test per 3000 yd³
Excavations and Finished Subgrade	1 test per 1000 yd²	1 test per 3000 yd²

Stone Embankment Material (See Sec. 330.16(a))	*Gradation*						*Visual See Section 00330.16(b)*		
Compaction	*Deflection Testing*	*TM 158*			*1793S*	*1 per Layer*			
	Contractor must demonstrate, by compaction testing or acceptable visual means, that the material, equipment, and process used for compaction achieves the specification requirements. If the material, equipment, or process changes, or if other conditions indicate a non-specification product, the Contractor must re-demonstrate that specification requirements are being achieved.								
Imported Topsoil (See Section 01040.14(b))	*Compliance*				*4000*	*See Section 4C 1/Source & 1/Type of Soil*	*Submit to Lab*		

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00331 - SUBGRADE STABILIZATION									
Aggregate backfill	*Material must meet the requirements of Section 00331.10*						*Visual*		
Water	*Material must meet the requirements of Section 00340*								
Compaction	*Material must meet the requirements of Section 00331*						*Visual*		
SECTION 00332 - SURFACING STABILIZATION									
Aggregate Base	*Material must meet the requirements of Section 00332.10*						*Visual*		
Compaction	*Material must meet the requirements of Section 00332*						*Visual*		
SECTION 00333 - AGGREGATE DITCH LINING									
Aggregate	*Sampling* *Reducing* *Sieve Analysis*			*T 2* *T 248* *T 27/T 11*	*1792*	*1/Project* *or* *1/Source*			

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00344 -TREATED SUBGRADE									
Granular Quicklime	*Sieve Analysis*			*T 27*	*4000*	*1/Project or 1/Source*	*Submit to Lab*		*1/Project or 1/Source*
	Calcium Hydroxide Content in lime			*T 219*	*4000*				
Hydrated Lime Calcium Chloride Sodium Chloride	*Materials must meet the requirements of Section 00344.10 and Test Results Certificate provided according to Section 00165.35(a)*								
Portland Cement	*Material must meet the requirements of Section 02010*								
Water	*Material must meet the requirements of Section 00340*								
Establishing Maximum Density (for Compaction)	*Density Curve*				*3468*	*See Table 00344-1 Below for Testing Frequency*		*1/Project and 10% of Required QC*	
	Maximum Specific Gravity								
Compaction	*Deflection Testing*	*TM 158*			*1793S*				
	Deflection Testing	*TM 158*							
	Nuclear Gauge			*T 310*	*1793S*				
	Coarse Particle Correction			*T 224*					

TABLE 00344-1 Frequency of Quality Control Testing

Individual Areas	Under 3500 yd²	Over 3500 yd²
Finished Subgrade	1 test per 1000 yd²	1 test per 3000 yd²

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00360 - Drainage Blankets									
						A sublot equals 1000 Tons			
Granular Drainage Blanket	*Sampling*			*T 2*		*1/sublot minimum 1/Source per Project*			
	Reducing			*T 248*					
	Sieve Analysis			*T 27/T 11*	*1792*				
Sand Drainage Blanket	*Sampling*			*T 2*					
	Reducing			*T 248*					
	Sieve Analysis			*T 27/T 11*	*1792*				
Establishing Maximum Density (for Compaction)	*Density Curve*			*T 99*	*3468*	*1/Source and Type*		*1/Project*	
	Bulk Specific Gravity			*T 85*	*3468*				
Compaction	*Deflection Testing*	*TM 158*			*1793S*	*1 test per 3 ft. in depth*			
	Deflection Testing	*TM 158*			*1793S*	*See Table 00360-1 Below*		*10 % of Required QC*	
	Nuclear Gauge			*T 310*					
	Coarse Particle Correction			*T 224*	*1793S*				

TABLE 00360-1 Frequency of Quality Control Testing

Individual Areas	Under 3500 yd²	Over 3500 yd²
Existing Ground Surface	1 test per 1000 yd²	1 test per 3000 yd²
Finished Surfaces	1 test per 1000 yd²	1 test per 3000 yd²

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00390 - RIPRAP PROTECTION									
Fill Material & Riprap	*Gradation*						*Visual*		
	See 00390.11(c-1)								
	Degradation	*TM 208*			*4000*	*See Section 4(A)*	*Submit to Lab*		*See Section 4(A)*
	Soundness			*T 104*					
	Apparent Specific Gravity & Absorption			*T 85*	*1825*				
Filter Blanket	*Gradation*						*Visual*		
	See 00390.13								
Grouted Riprap Sand	*Sampling*			*T 2*		*1/Project*			
	Reducing			*T 248*					
	Sieve Analysis			*T 27/T 11*	*1792*				
	Soundness			*T 104*	*4000*	*See Section 4(A)*	*Submit to Lab*		*See Section 4(A)*
	Lightweight Pieces			*T 113*					
Portland Cement	*Material must meet the requirements of Section 02010*								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00396 -SHOTCRETE SLOPE STABILIZATION									
Aggregate Production and Mixture						*A Sublot equals 1000 Tons*			
(1) QAE may waive after 5 sublots/shifts	*Sampling*			*T 2*		*1/Sublot & Start of Production*		*10 % of Required QC*	
	Reducing			*T 248*					
	(2)(3) Sieve Analysis			*T 27/T 11*	*1792*				
	(3) Fineness Modulus			*T 27/T 11*					
(2) Coarse Aggregate (See Section 02690.20)	*(1)(2) Wood Particles*	*TM 225*							
	(3) Sand Equivalent			*T 176*					
(3) Fine Aggregate (See Section 02690.30)	*Soundness*			*T 104*	*4000*	*See Section 4A*	*Submit to Central Lab*		*See Section 4(A)*
	Abrasion			*T 96*					
	Degradation	*TM 208*							
	Lightweight Pieces			*T 113*					
	Organics			*T 21*					
	(2) Dry Rodded Unit Weight			*T 19*	*1825* *1825C*	*Start of production and when changes in aggregate occurs*			
	(2)(3) Bulk Specific Gravity & Absorption			*T 84 & T 85*	*1825*				
Portland Cement	*Material must meet the requirements of Section 02010*								
Admixtures	*Material must meet the requirements of Section 02040*								
Mixing Water	*Material must meet the requirements of Section 02020*								
Production Testing (See Section 00396.14)	*(S) Test Panel*					*Two Test Panels per Mix Design & Two Panels per days Production See Section 00396.14(a)2*			
(S) 3 Cores minimum per Panel									
Compression Test Cores	*Strength*			*T 22*	*4000C*	*1/Set Cores per Test panel*	*Submit to Central Lab*		

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00405 - TRENCH EXCAVATION, BEDDING, AND BACKFILL									
TRENCH FOUNDATION - Excavation below grade only									
Selected general backfill	*Material must meet the requirements of Section 00330.13*						*Visual*		
Selected granular backfill	*Material must meet the requirements of Section 00330.14*						*Visual*		
Selected stone backfill	*Material must meet the requirements of Section 00330.15*						*Visual*		
Other approved material	*Material must meet the requirements of Section 00405.11*						*Visual*		
Establishing Maximum Density	*Density Curve*			*T 99*	*3468*	*1/Soil Type or Aggregate Gradation*			
	Bulk Specific Gravity			*T 85*	*3468*				
	Family of Curves			*T 272*	*3468FC*				
Compaction	*Nuclear Gauge* *Coarse Particle Correction*			*T 310* *T 224*	*1793S*	*1test per 300 ft. of Trench*			
	Contractor must demonstrate, by compaction testing or acceptable visual means, that the material, equipment, and process used for compaction achieves the specification requirements. If the material, equipment, or process changes, or if other conditions indicate a non-specification product, the Contractor must re-demonstrate that specification requirements are being achieved.								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00405 - TRENCH EXCAVATION, BEDDING, AND BACKFILL (CONTINUED)									
Bedding									
3/8" - 0 PCC fine aggregate (See Section 02690.30(h))	*Sampling* *Reducing* *Sieve Analysis*			*T 2* *T 248* *T 27/T 11*	*1792*	*1/Source or Aggregate Gradation*			
Commercial 3/4" - 0 Aggregate							*Visual*		
No. 10 - 0 Sand drainage blanket material (See Section 00360.10)	*Sampling* *Reducing* *Sieve Analysis*			*T 2* *T 248* *T 27/T 11*	*1792*	*1/Source or Aggregate Gradation*			
Reasonably well graded sand, maximum 3/8" to dust							*Visual*		
Commercial available 3/8"-0 or No.10 - 0 sand							*Visual*		
Continuous cradle of Commercial Grade Concrete	*Material must meet the requirements of Section 00440*						*Visual*		

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00405 - TRENCH EXCAVATION, BEDDING, AND BACKFILL (CONTINUED)									
Pipe Zone Material									
Flexible Pipe	*Use the Listed Material requirements under Bedding*								
Rigid Pipe: Aggregate Base 1" - 0 or 3/4" - 0 Aggregate (See Section 02630.10)	*Sampling* *Reducing* *Sieve Analysis*			*T 2* *T 248* *T 27*	*1792*	*1/Source or Gradation*			
Rigid Pipe: Commercial 1"- 0 or 3/4" - 0 Aggregate							*Visual*		
Establishing Maximum Density	*Density Curve*			*T 99*	*3468*	*1/Source or Aggregate Gradation*			
	Bulk Specific Gravity			*T 85*					
	Coarse Particle Correction			*T 224*	*3468*				
Compaction	*Nuclear Gauge*			*T 310*	*1793B*	*1 test per 300 ft. of Trench and every 1.5 ft. of Fill*			
	Contractor must demonstrate, by compaction testing or acceptable visual means, that the material, equipment, and process used for compaction achieves the specification requirements. If the material, equipment, or process changes, or if other conditions indicate a non-specification product, the Contractor must re-demonstrate that specification requirements are being achieved.								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00405 - TRENCH EXCAVATION, BEDDING, AND BACKFILL (CONTINUED)									
Trench Backfill									
Class A Backfill - Native or common Material	*Material must meet the requirements of Section 00330.43*								
Class B Backfill - 1"-0 or 3/4"-0 Granular Material	*Material must meet the requirements of Section 00641*								
Class C Backfill - Clean sand with 100% minus 1/4" material							*Visual*		
Class D Backfill - Pit run or bar run material with 3" maximum dimension and well graded from coarse to fine							*Visual*		
Class E Backfill - Controlled Low Strength Material (CLSM)	*Material must meet the requirements of Section 00442*								
Establishing Maximum Density (1) Method "A" & ODOT TM 223 for Dense Graded Base Aggregate	*Density Curve* *Bulk Specific Gravity* *Family of Curves*			(1) *T 99* *T 85* *T 272*	*3468* *3468* *3468FC*	*1/Soil Type or Aggregate Gradation*			
Compaction (C) Density testing is based on cumulative lineal feet of pipe placement.	*Nuclear Gauge* *Coarse Particle Correction*			*T 310* *T 224*	*1793S or 1793B*	(C) *1 test per 300 ft. of Trench and every 1.5 ft. of Fill*			
	Contractor must demonstrate, by compaction testing or acceptable visual means, that the material, equipment, and process used for compaction achieves the specification requirements. If the material, equipment, or process changes, or if other conditions indicate a non-specification product, the Contractor must re-demonstrate that specification requirements are being achieved.								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE					(Revised October 2014)	Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00430 - SUBSURFACE DRAINS									
Granular Drain Backfill Material						A Sublot equals 1000 Tons			
	Sampling			*T 2*		1/Sublot (Minimum 1/ Project)			
	Reducing			*T 248*					
	Sieve Analysis			*T 27*	*1792*				
	Abrasion			*T 96*					
	Degradation	*TM 208*			*4000*	See Section 4A	Submit To Lab		See Section 4A
Special Filter Material									
See Section 00430.46(a)	*Compaction*	See section 405 for compaction requirements							
SECTION 00440 - COMMERCIAL GRADE CONCRETE									
Mixture	*Sampling*		*TM 2*						
	Air Content			*T 152*					
	Density (Unit Weight)			*T 121*	*3573WS or 4000 C*	*(S) 1 per each set of cylinders*			
	Yield			*T121*					
	Slump			*T 119*					
	Concrete Temperature			*T 309*					
Modifiers	*Material must meet the requirements of Section 02030*								
Admixtures	*Material must meet the requirements of Section 02040*								
Portland Cement	*Material must meet the requirements of Section 02010*								
Structural Items	*Strength*			*T 22 & T 23*	*4000C*	*(M)(S) 1 Set / Day Minimum*			
Except Visual Acceptance Items (See section 00440.14(a))	*Strength*			*T 22 & T 23*	*4000C*	*(M) (S) 1 Set/20 yd³ Cumulative (Maximum 1 Set/day)*			
(S) 1 Set Represents a minimum of 3 Cylinders									
(M) Per Mix Design & Source									

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00442 - CONTROLLED LOW STRENGTH MATERIALS (CLSM)									
CLSM Mixture	*Mix Proportions* *Trial Batch* *Strength*			*T 22 &* *T 23*	*4000C*	1/Project or Source			
Modifiers	*Material must meet the requirements of Section 02030*								
Admixtures	*Material must meet the requirements of Section 02040*								
Portland Cement	*Material must meet the requirements of Section 02010*								
SECTION 00445 - SANITARY, STORM, CULVERT, SIPHON, AND IRRIGATION PIPE - INCLUDED WITH SECTION 00405									
Trench Work									
Excavation, bedding, pipe zone and trench backfill	See Section 00405 for pipes less than 72"								
Excavation, bedding, pipe zone and trench backfill	See Section 00510 for pipes greater than 72"								
Concrete Blocks	Material must meet the requirements of Section 00440								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00450 - STRUCTURAL PLATE SHAPED STRUCTURES									
Commercial Grade Concrete in appurtenances	*Material must meet the requirements of Section 00440*								
Trench Work									
Excavation and Backfill	*Operations must meet the requirements of Section 00510*								
Trenches in Unstable Areas									
Granular Structural Backfill	*Material must meet the requirements of Section 00510*								
Establishing Maximum Density	*Density Curve*			*(1) T 99*		*1/Aggregate Gradation and Source*			
(1) Method "A"	*Bulk Specific Gravity Coarse Particle Correction*	*TM 223*		*T 85*	*3468 B*				
Compaction	*Nuclear Gauge*			*T 310*	*1793 B*	*1 Test per 100 ft. and 1 ft. of fill*			
Structure Backfill (Section 00450.46)	*Material and Operation must meet the requirements of Section 00510.48(d)*								
SECTION 00459 - CAST IN PLACE CONCRETE									
Concrete	*Material must meet the requirements of Section 00540, with acceptance in accordance with Section 00540.17*								
Backfill Material	*Material must meet the requirements of Section 00405.14 and be incorporated into the project in accordance with Section 00405.46*								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00460 - PAVED CULVERT END SLOPES									
Commercial Grade Concrete	*Material must meet the requirements of Section 00440*								
SECTION 00470 - MANHOLES, CATCH BASINS AND INLETS									
Commercial Grade Concrete	*Material must meet the requirements of Section 00440*								
Base Drain Backfill	*Material must meet the requirements of Section 00470.17*								
Excavation, Backfill and Foundation Stabilization	*Material must meet the requirements of Section 00405*								
SECTION 00480 - DRAINAGE CURBS									
Commercial Grade Concrete	*Material must meet the requirements of Section 00440*								
Dense Graded HMAC Mixture Level 2, (1/2")	*Material must meet the requirements of Section 00744*								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00490 - WORK ON EXISTING SEWERS AND STRUCTURES									
Commercial Grade Concrete	*Material must meet the requirements of Section 00440*								
High Early Strength Concrete	*Material must meet the requirements of Section 00440, but cement contents adjusted according to 00490.11*								
Backfill Operations	*Backfill Excavations according to section 405*								
Filling Abandoned Pipes, Manholes and Catch Basins (See section 00490.44)									
Backfill Operations (Roadway)	*Material must meet the requirements of Section 2630*								
Establishing Maximum Density	*Density Curve*			*(1) T 99*					
(1) Method "A"	*Bulk Specific Gravity Coarse Particle Correction*	*TM 223*		*T 85*	*3468 B*	*1/Aggregate Gradation and Source*			
Compaction	*Nuclear Gauge*			*T 310*	*1793B*	*1 Test per 100 ft. and every 1.5' of Fill*			
Backfill Operations Landscaped or Unimproved Roadways	*Material must meet the requirements of Section 00330.13*								
Top 1.0' of Backfill Region	*Material must meet the requirements of Section 00330.11*								
SECTION 00495 - TRENCH RESURFACING									
Resurfacing Materials	*See Section 00495.40 for Material Requirements*								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00510 - STRUCTURE EXCAVATION AND BACKFILL									
Soils, Soil/Aggregate Mixtures and Graded Aggregates						A Sublot equals 1,000 Tons			
Granular Structure Backfill (See Section 02630.10)	*Sampling*			*T 2*		*1/Sublot (Minimum 1/Project)*			
	Reducing			*T 248*					
	(1) Sieve Analysis			*T 27*	*1792*				
(1) Perform a minimum of 3 tests QL's required	*Fracture (Method 1)*			*T 335*					
	Sand Equivalent			*T 176*					
Product Compliance	*Abrasion Degradation*	*TM 208*		*T 96*	*4000*	*See Section 4C 1/Source*	*Submit to Lab*		*Minimum 1/Project or 1/Source*
Establishing Maximum Density	*Density Curve*			*(2) T 99*	*3468*	*1/Soil type or Aggregate Gradation*			
(2) Method "A" & ODOT TM 223 for Dense Graded Base Aggregate	*Bulk Specific Gravity*			*T 85*					
	Coarse Particle Correction			*T 224*	*3468*				
Compaction	*Nuclear Gauge*			*T 310*	*1793B*	*1/100 yd^3 minimum 1/project*			
	Contractor must demonstrate, by compaction testing or acceptable visual means, that the material, equipment, and process used for compaction achieves the specification requirements. If the material, equipment, or process changes, or if other conditions indicate a non-specification product, the Contractor must re-demonstrate that specification requirements are being achieved.								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00510 - STRUCTURE EXCAVATION AND BACKFILL (CONTINUED)									
Soils, Soil/Aggregate Mixtures and Graded Aggregates						A Sublot equals 1,000 Tons			
Granular Wall Backfill (See Section 02630.11)	*Sampling*			*T 2*		*1/Sublot (Minimum 1/Project)*			
	Reducing			*T 248*					
(1) Perform a minimum of 3 tests QL's required	*(1) Sieve Analysis*			*T 27*	*1792*				
	Fracture (Method 2)			*T 335*					
Product Compliance	*Abrasion Degradation*	*TM 208*		*T 96*	*4000*	*See Section 4C 1/Source*	*Submit to Lab*		*Minimum 1/Project or 1/Source*
(2) Compaction	*(2) Deflection Testing*	*TM 158*			*1793B*	*1/Sublot (Minimum 1/Project)*			
Note: Compaction must meet the requirements of section 00330.43c	***Contractor must demonstrate, by compaction testing or acceptable visual means, that the material, equipment, and process used for compaction achieves the specification requirements. If the material, equipment, or process changes, or if other conditions indicate a non-specification product, the Contractor must re-demonstrate that specification requirements are being achieved.***								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00512 - DRILLED SHAFTS									
Aggregate Production						A Sublot equals 1,000 Tons			
(1) QAE may waive after 5 sublots/shifts	*Sampling*			*T 2*		*1/Sublot & Start of Production*		*10 % of Required QC*	
	Reducing			*T 248*					
	(2)(3)(4) Sieve Analysis			*T 27/T 11*	*1792*				
	(4) Fineness Modulus			*T 27/T 11*					
(2) Perform a minimum of 3 tests, QL's required	*(1)(3) Wood Particles*	*TM 225*							
	(4) Sand Equivalent			*T 176*	*1792*				
(3) Coarse Aggregate (See Section 02690.20)	*Soundness*			*T 104*	*4000*	*See Section 4A*	*Submit to Lab*		*See Section 4(A)*
	Abrasion			*T 96*					
	Degradation	*TM 208*							
(4) Fine Aggregate (See Section 02690.30)	*Lightweight Pieces*			*T 113*					
	Organics			*T 21*	*4000*				
	(3) Dry Rodded Unit Weight			*T 19*	*1825* *1825C*	*Start of production and when changes in aggregate occurs*			
	(3)(4) Bulk Specific Gravity & Absorption			*T 84 & T 85*	*1825*				
Portland Cement Modifiers Admixtures	*Materials must meet the requirements of Section 02001.10*								
Drilling Slurry	*Slurry material must meet the requirements of Section 00512.14 & 00512.43(g)*								
Grout	*Material must meet the requirements of Section 02080*								
Mixing Water	*Material must meet the requirements of Section 02020*								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00512 - DRILLED SHAFTS (CONTINUED)									
Portland Cement Concrete							***QA Testing***		
	Sampling		*TM 2*		*3573WS or 4000C*	*(M) (S) 1 per Shaft and Test at minimum frequencies according to table 00512-1. Review specs.*	***Projects under 100 yd³ all classes*** 1/Project representing all classes of PCC		
	Slump			*T 119*					
	Concrete Temperature			*T 309*					
	Density (Unit Weight)			*T 121*					
	Yield			*T121*					
	Water/Cement Ratio			*T 121*			***Projects over 100 yd³ all classes*** 1/500 yd³ per class minimum 1/class		
	Strength			*T22/23*	*4000C*				

(S) 1 Set Represents a minimum of 3 Cylinders

(M) Per Mix Design & Source

TABLE 00512-1 Frequency of Quality Control Testing

Minimum frequencies per Class of concrete based on daily production records.

Production	**Frequencies**
0 to 100 yd³ on a single day	1 Set each day
Quantity Over 100 yd³	
100 to 600 yd³ on a single day	1 Set per each 100 yd³ or portion thereof
over 600 yd³ on a single day	1 Set per each 200 yd³ or portion thereof after reaching 600 yd³

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00540 - STRUCTURAL CONCRETE									
Aggregate Production						A Sublot equals 1,000 Tons			
(1) QAE may waive after 5 sublots/shifts	*Sampling*			*T 2*		*1/Sublot & Start of Production*		*10 % of Required QC*	
	Reducing			*T 248*					
	(2)(3)(4) Sieve Analysis			*T 27/T 11*	*1792*				
	(4) Fineness Modulus			*T 27/T 11*					
(2) Perform a minimum of 3 tests, QL's required	*(1)(3) Wood Particles*	*TM 225*							
	(4) Sand Equivalent			*T 176*	*1792*				
(3) Coarse Aggregate (See Section 02690.20)	*Soundness*			*T 104*	*4000*	*See Section 4A*	*Submit To Lab*		*See Section 4A*
	Abrasion			*T 96*					
(4) Fine Aggregate (See Section 02690.30)	*Degradation*	*TM 208*							
	Lightweight Pieces			*T 113*					
	Organics			*T 21*	*4000*				
	(3) Dry Rodded Unit Weight			*T 19*	*1825* *1825C*	*Start of production and when changes in aggregate occurs*			
	(3)(4) Bulk Specific Gravity & Absorption			*T 84 & T 85*	*1825*				
Portland Cement Modifiers Admixtures	*Materials must meet the requirements of Section 02001.10*								
Mixing Water	*Material must meet the requirements of Section 02020*								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00540 - STRUCTURAL CONCRETE (CONTINUED)									
Portland Cement Concrete							***QA Testing***		
	Sampling		*TM 2*		*3573WS or 4000C*	*(M) (S) Test at minimum frequencies according to table 00540-1. Review specs.*	***Projects under 100 yd³ all classes*** 1/Project representing all classes of PCC		
	Air Content			*T 152*					
	Slump			*T 119*					
	Concrete Temperature			*T 309*					
	Density (Unit Weight)			*T 121*					
	Yield			*T121*			***Projects over 100 yd³ all classes*** 1/500 yd³ per class minimum 1/class		
	Water/Cement Ratio			*T 121*					
	Strength			*T22/23*	*4000C*				

(S) 1 Set Represents a minimum of 3 Cylinders

(M) Per Mix Design & Source

TABLE 00540-1 Frequency of Quality Control Testing

Minimum frequencies per Class of concrete based on daily production records.

Production	**Frequencies**
0 to 100 yd³ on a single day	1 Set each day
Quantity Over 100 yd³	
100 to 600 yd³ on a single day	1 Set per each 100 yd³ or portion thereof
over 600 yd³ on a single day	1 Set per each 200 yd³ or portion thereof after reaching 600 yd³

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00556 - MULTI-LAYER POLYMER CONCRETE OVERLAY									
Aggregate Production									
	Sampling			*T 2*		*1/Project or 1/Source*			
	Reducing			*T 248*					
	Sieve Analysis			*T 27*	*1792*				
	Moisture Content			*T 255/265*	*1792*	*Material must meet the requirments of section 00556.10*			
Product Compliance	*Absorption*			*T 84*					
	Abrasion Loss			*T 327*	*4000*	*1/Project or 1/ Source*	*Submit to Central Lab*		
	Mohs Hardness Scale								
Polymer Resin	*Material must meet the requirements of section 00556.10*								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00559 - SILICA FUME AND LATEX MODIFIED CONCRETE OVERLAYS									
Aggregate Production						*A Sublot equals 500 Tons or a minimum one per shift, whichever results in the greatest sampling frequency. (For preproduced aggregates, 1 shift shall mean 500 Tons.)*			
(1) QAE may waive after 5 sublots/shifts	*Sampling*			*T 2*		*1/Sublot & Start of Production*		*10 % of Required QC*	
	Reducing			*T 248*					
	(2)(3)(4) Sieve Analysis			*T 27/T 11*	*1792*				
(2) Perform a minimum of 3 tests, QL's required	*(4) Fineness Modulus*			*T 27/T 11*					
	(4) Sand Equivalent			*T 176*	*1792*				
(3) Coarse Aggregate (See Section 02690.20 & 00559.10)	*(1)(3) Elongated Pieces*	*TM 229*			*1792*	*1/5 Sublots & Start of Production*			
	(1)(3) Wood Particles	*TM 225*							
(4) Fine Aggregate (See Section 02690.30 & 00559.10)									
	Abrasion			*T 96*	*4000*	*See Section 4(A)*	*Submit to Central Lab*		*See Section 4(A)*
	Degradation	*TM 208*							
	Soundness			*T 104*					
	Lightweight Pieces			*T 113*					
	Organics			*T 21*	*4000*				
	(3) Dry Rodded Unit Weight			*T 19*	*1825 1825C*	*Start of production and when changes in aggregate occurs*			
	(3)(4) Bulk Specific Gravity & Absorption			*T 84 & T 85*	*1825*				
Portland Cement Modifiers Admixtures	*Materials must meet the requirements of Section 02001.10*								
Mixing Water	*Material must meet the requirements of Section 02020*								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00559 - SILICA FUME AND LATEX MODIFIED CONCRETE OVERLAYS (CONTINUED)									
SFC AND LMC						*A sublot equals 1 set of tests per 50 yd3*			
	Sampling		*TM 2*						
	Air Content			*T 152*	*3573WS or 4000 C*	*1 / Sublot or Minimum 1 per Shift*		*10 % of Required QC*	
	Slump			*T 119*					
	Concrete Temperature			*T 309*					
	Density (Unit Weight)			*T 121*					
	Yield			*T121*					
	W/C Ratio			*T 121*					
Latex Modified Concrete	*Fine Aggregate Moisture*			*T 255/T 265*	*1792*	*See Section 00559.10*			
	Mixer Calibration					*See Section 00559.22*			
(M) Per Mix Design & Source									
SFC and LMC	*Strength*			*T 22 & T 23*	*4000C*	*(M) (S) 1 Set Cylinders per 50yd^3 Minimum 1 set/shift*		*10 % of Required QC*	
(S) 1 Set Represents a minimum of 3 Cylinders									

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 0A596 - MECHANICALLY STABILIZED EARTH RETAINING WALLS									
Aggregate Production									
Gravel Leveling Pads Backfill (See Section 02630.10)	*Abrasion*			*T96*	*4000*	*See Section 4A*	*Submit to Lab*		*See Section 4A*
	Degradation	*TM 208*							
					A Sublot equals 1,000 Tons Minimum 1/Project				
	Sieve Analysis			*T 27*	*1792*	*1/Sublot*			
	Sand Equivalent			*T 176*					
	Fracture (Method 1)			*T 335*	*1792*	*1/5 Sublots*			
					Testing Frequency for Product Compliance per Source 1/5,000 Tons Minimum 1/Project				
Modular Block Core and Drainage Backfill (Product Compliance)	*Soundness*			*T 104*	*4000*	*See Section 4C & 02690*	*Submit To Lab*		*See Section 4C*
	Abrasion			*T 96*					
	Degradation	*TM 208*							
	Lightweight Pieces			*T 113*					
	Organics			*T 21*					
	pH			*T 289*					
	Resistivity			*T 288*	*4000*				
					A Sublot equals 1,000 Tons				
Modular Block Core and Drainage Backfill	*Sampling*			*T 2*		*1/Sublot*			
	Reducing			*T 248*					
	(2) Sieve Analysis			*T 27/T 11*	*1792*				
(1) QAE may waive after 5 sublots/shifts	*(1) Wood Particles*	*TM 225*							
	Fracture (Method 2)			*T 335*					
	Elongated Pieces	*TM 229*			*1792*				
(2) Perform a minimum of 3 tests, QL's required									
Pipe Drain Backfill (Product Compliance) (See Section 00430.11)	*Abrasion*			*T 96*	*4000*	*See Section 4C*	*Submit To Lab*		*See Section 4C*
	Degradation	*TM 208*							
	Sieve Analysis			*T27*	*4000*	*1/Sublot*			

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 0A596 - MECHANICALLY STABILIZED EARTH RETAINING WALLS									
Aggregate Production					Testing Frequency for Product Compliance per Source 1/5,000 Tons Minimum 1/Project				
Gabion Basket Fill *(Product Compliance)*	*Degradation*	*TM 208*			*4000*	*See Section 4C*	*Submit to Lab*		*See Section 4C*
	Soundness			*T 104*					
	Apparent Specific Gravity & Absorption			*T 85*	*1825*				
	Gradation						*Visual*		

FIELD TESTED MATERIALS ACCEPTANCE GUIDE				(Revised October 2014)		Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 0A596 - MSE RETAINING WALLS									
Aggregate Production					Testing Frequency for Product Compliance per Source 1/5,000 Tons Minimum 1/Project				
MSE Granular Wall Backfill *(Product Compliance)* *(Also reference 02630.10)*	*Abrasion*	*TM 208*		*T96*	*4000*	*See Section 4C*	*Submit to Central Lab*		*See Section 4C*
	Degradation								
	Sieve Analysis			*T 27/11*					
	Plasticity Index			*T 90*					
	pH			*T 289*					
	Resistivity			*T 288*					
	Organic Content			*T 267*	*4000*				
					A Sublot Equals 2,000 Tons				
MSE Granular Wall Backfill	*Sampling*			*T 2*		*1/Sublot*			
	Reducing			*T 248*					
(1) Perform a minimum of 3 tests, QL's required	*(1) Sieve Analysis*			*T 27*	*1792*				
	Fracture (Method 1)			*T 335*	*1792*	*1/5 Sublots*			
Placement									
Establishing Maximum Density	*Density Curve*			*(2) T 99*	*3468*	*1/Aggregate Gradation/Per Source*			
(2) Method A	*Bulk Specific Gravity*			*T 85*					
	Coarse Particle Correction	*TM 223*			*3468*				
Compaction	*Nuclear Gauge*			*T 310*	*1793B*	*1/ 100 yd3 (Minimum 1/day)*			
	Deflection Testing	*TM 158*							
	Contractor must demonstrate, by compaction testing or acceptable visual means, that the material, equipment, and process used for compaction achieves the specification requirements. If the material, equipment, or process changes, or if other conditions indicate a non-specification product, the Contractor must re-demonstrate that specification requirements are being achieved.								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 0B596 - PREFABRICATED MODULAR RETAINING WALLS									
Aggregate Production									
Gravel Leveling Pads Backfill (See Section 02630.10)	*Abrasion Degradation*	*TM 208*		*T96*	*4000*	*See Section 4A*	*Submit to Lab*		*See Section 4A*
					A Sublot equals 1,000 Tons Minimum 1/Project				
	Sieve Analysis			*T 27*	*1792*	*1/Sublot*			
	Sand Equivalent			*T 176*					
	Fracture (Method 1)			*T 335*	*1792*	*1/5 Sublots*			
					Testing Frequency for Product Compliance per Source 1/5,000 Tons Minimum 1/Project				
Modular Block Core and Drainage Backfill (Product Compliance)	*Soundness*			*T 104*	*4000*	*See Section 4C & 02690*	*Submit To Lab*		*See Section 4C*
	Abrasion Degradation	*TM 208*		*T 96*					
	Lightweight Pieces			*T 113*					
	Organics			*T 21*					
					A Sublot equals 1,000 Tons				
Modular Block Core and Drainage Backfill	*Sampling*			*T 2*		*1/Sublot*			
	Reducing			*T 248*					
	(2) Sieve Analysis			*T 27/T 11*	*1792*				
(1) QAE may waive after 5 sublots/shifts	*(1) Wood Particles*	*TM 225*							
	Fracture (Method 2)			*T 335*					
	Elongated Pieces	*TM 229*			*1792*				
(2) Perform a minimum of 3 tests, QL's required									
Pipe Drain Backfill (Product Compliance) (See Section 00430.11)	*Abrasion Degradation*	*TM 208*		*T 96*	*4000*	*See Section 4C*	*Submit To Lab*		*See Section 4C*
	Sieve Analysis			*T27*	*4000*	*1/Sublot*			

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 0B596 - PREFABRICATED MODULAR RETAINING WALLS									
Aggregate Production					Testing Frequency for Product Compliance per Source 1/5,000 Tons Minimum 1/Project				
Gabion Basket Fill (Product Compliance)	*Degradation*	*TM 208*			*4000*	*See Section 4C*	*Submit to Lab*		*See Section 4C*
	Soundness			*T 104*					
	Apparent Specific Gravity & Absorption			*T 85*	*1825*				
	Gradation						*Visual*		

FIELD TESTED MATERIALS ACCEPTANCE GUIDE				(Revised October 2014)		Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 0B596 - PREFABRICATED MODULAR RETAINING WALLS									
Aggregate Production					Testing Frequency for Product Compliance per Source 1/5,000 Tons Minimum 1/Project				
Granular Structure Backfill *(Product Compliance)* *(Also reference 02630.10)*	*Abrasion*			*T96*	*4000*	*See Section 4C*	*Submit to Central Lab*		*See Section 4C*
	Degradation	*TM 208*							
	Sieve Analysis			*T 27/11*					
	Plasticity Index			*T 90*	*4000*				
					A Sublot Equals 2,000 Tons				
Granular Structure Backfill	*Sampling*			*T 2*		*1/Sublot*			
	Reducing			*T 248*					
(1) Perform a minimum of 3 tests, QL's required	*(1) Sieve Analysis*			*T 27*	*1792*				
	Fracture (Method 1)			*T 335*	*1792*	*1/5 Sublots*			
Placement									
Establishing Maximum Density	*Density Curve*			*(2) T 99*	*3468*	*1/Aggregate Gradation/Per Source*			
(2) Method A	*Bulk Specific Gravity*			*T 85*					
	Coarse Particle Correction	*TM 223*			*3468*				
Compaction	*Nuclear Gauge*			*T 310*	*1793B*	*1/ 100 yd3 (Minimum 1/day)*			
	Deflection Testing	*TM 158*							
	Contractor must demonstrate, by compaction testing or acceptable visual means, that the material, equipment, and process used for compaction achieves the specification requirements. If the material, equipment, or process changes, or if other conditions indicate a non-specification product, the Contractor must re-demonstrate that specification requirements are being achieved.								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 0C596 - CAST-IN-PLACE CONCRETE RETAINING WALLS									
Aggregate Production									
Pipe Drain Backfill (Product Compliance) (See Section 00430.11)	*Abrasion Degradation*	*TM 208*		*T 96*	*4000*	*See Section 4C*	*Submit To Lab*		*See Section 4C*
	Sieve Analysis			*T27*	*4000*	*1/Sublot*			
Granular Structure Backfill					Testing Frequency for Product Compliance per Source 1/5,000 Tons Minimum 1/Project				
Granular Structure Backfill *(Product Compliance) (Also reference 02630.10)*	*Abrasion Degradation*	*TM 208*		*T96*	*4000*	*See Section 4C*	*Submit to Central Lab*		*See Section 4C*
	Sieve Analysis			*T 27/11*					
	Plasticity Index			*T 90*	*4000*				
					A Sublot Equals 2,000 Tons				
Granular Structure Backfill	*Sampling*			*T 2*		*1/Sublot*			
	Reducing			*T 248*					
(1) Perform a minimum of 3 tests, QL's required	*(1) Sieve Analysis*			*T 27*	*1792*				
	Fracture (Method 1)			*T 335*	*1792*	*1/5 Sublots*			

FIELD TESTED MATERIALS ACCEPTANCE GUIDE				(Revised October 2014)		Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 0C596 - CAST-IN-PLACE CONCRETE RETAINING WALLS									
Placement									
Granular Structure Backfill									
Establishing Maximum Density	*Density Curve*			*(1) T 99*	*3468*	*1/Aggregate Gradation/Per Source*			
(1) Method A	*Bulk Specific Gravity*			*T 85*					
	Coarse Particle Correction	*TM 223*			*3468*				
Compaction	*Nuclear Gauge*			*T 310*	*1793B*	*1/ 100 yd3 (Minimum 1/day)*			
	Deflection Testing	*TM 158*							
	Contractor must demonstrate, by compaction testing or acceptable visual means, that the material, equipment, and process used for compaction achieves the specification requirements. If the material, equipment, or process changes, or if other conditions indicate a non-specification product, the Contractor must re-demonstrate that specification requirements are being achieved.								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00635 - GRID-ROLLED AGGREGATE SUBBASE									
Aggregate Subbase					*A Sublot equals 1000 Tons*				
Grading	*Abrasion*			*T 96*	*4000*	*1/Source*	*Submit To Central Lab*		*See Section 4(A)*
(See 00635.10)									
	Sampling			*T 2*		*1/Sublot & Start of Production*			
	Reducing			*T 248*					
	Sieve Analysis			*T 27*	*1792*				
	Sand Equivalent			*T 176*					

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00641 - AGGREGATE SUBBASE, BASE, AND SHOULDERS									
Aggregate Production	*Abrasion*			*T 96*	*4000*	*See Sec. 4A*	*Submit To Central Lab*		*See Section 4(A)*
Aggregate Subbase									
Grading (See 00641.10(b))	*Sampling*			*T 2*		*1/Project or 1/Source*	*Visual*		
	Reducing			*T 248*					
	Sieve Analysis			*T 27*	*1792*				
	Sand Equivalent			*T 176*					
Aggregate Base and Shoulders	*Abrasion*			*T96*	*4000*	*See Section 4A*	*Submit to Lab*		*See Section 4A*
	Degradation	*TM 208*							
Grading					*A Sublot equals 2000 Tons*				
Aggregate Base (See 02630)	*Sampling*			*T 2*		*1/Sublot & Start of Production*		*10 % of Required QC*	
Aggregate Shoulder (See 02640)	*Reducing*			*T 248*					
Open Graded Aggregate Base	*(1) Sieve Analysis*			*T 27*	*1792*				
(See 02630.11)	*(2) Sand Equivalent*			*T 176*					
(1) Perform at least 3 tests									
(2) May be waived by QAE	*Fracture (Method 1)*			*T 335*	*1792*	*1/5 Sublots*			
Placement									
Aggregate Base					*A Sublot equals 2000 Tons*				
Plant Mix Applications Only									
Aggregate (Mixture)	*Sampling*			*T 2*		*1/Sublot or minimum 1/Day*		*10 % of Required QC*	
	Reducing			*T 248*					
	Moisture			*T 255 & T 265*	*1792*				
Establishing Maximum Density & Optimum Moisture (Mix Design)	*Density Curve*			*(3) T 99*	*3468 B*	*Each Size per Source*		*1/Project*	
	Coarse Particle Correction	*TM 223*							
(3) Method A	*Bulk Specific Gravity*			*T 85*	*3468 B*				
Compaction									
	Deflection Testing	*TM 158*			*1793B*	*1 per Sublot*		*10 % of Required QC*	
	Nuclear Gauge			*T310*	*1793B*	*(D) 5 Tests Per Sublot*			
(D) (Individual tests must meet Specification)									

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00641 - AGGREGATE SUBBASE, BASE, AND SHOULDERS (Continued)									
Placement									
Aggregate Subbase									
Compaction	*Deflection Testing*	*TM 158*			*1793 B*	*1 per Layer*	*Visual*		

FIELD TESTED MATERIALS ACCEPTANCE GUIDE				(Revised October 2014)		Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00680 - STOCKPILED AGGREGATES									
Aggregate Base and Shoulders									
(See Section 00641)	*Abrasion*			*T 96*	*4000*	*See Section 4A*	*Submit to Lab*		*See Section 4A*
	Degradation	*TM 208*							
					A Sublot equals 2,000 Tons				
	Sampling				*1792*	*1/Sublot & Start of Production*		*10 % of Required QC*	
(1) Perform at least 3 tests, QL's required	*Reducing*			*T 248*					
	(1) Sieve Analysis			*T 27*					
	(2) Sand Equivalent			*T 176*	*1792*				
(2) May be waived by QAE									
	Fracture (Method 1)			*T 335*	*1792*	*1/5 Sublots*			
Aggregate (Sanding Aggregate)									
					A Sublot equals 1000 Tons				
	Sampling			*T 2*	*1792*	*1/Sublot & Start of Production*		*10 % of Required QC*	
	Reducing			*T 248*					
	Sieve Analysis			*T 27*					
(3) May be waived by QAE	*(3) Cleanness Value*	*TM 227*			*1792*				
	Abrasion			*T 96*	*4000*	*See Section 4A*	*Submit to Lab*		*See Section 4A*
	Degradation	*TM 208*							
	Lightweight Pieces			*T 113*	*4000*				
	Fracture (Method 1)			*T 335*	*1792*	*1/5 Sublots & Start of Production*		*10 % of Required QC*	
	Elongated Pieces	*TM 229*							
	Wood Particles	*TM 225*			*1792*				

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
						Contractor Quality Control	Independent Assurance/Verification		
		ODOT	WAQTC	AASHTO			Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00680 - STOCKPILED AGGREGATES (CONTINUED)									
Emulsified AC Aggregate									
Aggregate Production					*A sublot equals 500 Tons or a minimum 1 per shift, whichever results in the greatest sampling frequency*				
(See Sections 00705, 00706, 00710, 00711, 00712 and 00715)	*Abrasion*			*T 96*	*4000*	*See Section 4A*	*Submit to Lab*		*See Section 4A*
	Degradation	*TM 208*							
(1) QAE may waive after 5 sublots/shifts	*Soundness*			*T 104*					
	Lightweight Pieces			*T 113*	*4000*				
	Sampling			*T 2*		*1/Sublot & Start of Production*		*10 % of Required QC*	
	Reducing			*T 248*					
(2) Perform at least 3 tests (QL's required), QAE may waive wet sieve after 5 sublots/shifts if a correlation to dry sieve can be demonstrated	*(5) Fracture (Method 1)*			*T 335*	*1792*				
	(1) Wood Particles	*TM 225*							
	(1)(4) Elongated Pieces	*TM 229*							
	(2) Sieve Analysis			*T27/T 11*					
(3) May be waived by QAE	*(3) Cleanness Value*	*TM 227*			*1792*				
	Dry Rodded Unit Weight			*T 19*	*1825* *1825C*	*Start of production and when changes in aggregate occurs*			
(4) Not required for Dry Key Material									
(5) 1/5 Sublots & Start of Production									
Aggregate (Other)		*Use sampling and testing frequencies required for proposed end product use*							

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00705 - EMULSIFIED ASPHALT PRIME COAT and EMULSIFIED ASPHALT FOG COAT									
Aggregate Cover Material						*A sublot equals 1000 Tons, minimum 1 per shift*			
Aggregate Production	*Sampling* *Reducing* *Sieve Analysis*			*T 2* *T 248* *T 27*	*1792*	*1/Sublot & Start of Production*		*10 % of Required QC*	
Asphalt Prime and Fog Coat									
Asphalt Cement (Emulsion)	*Compliance*			*T 40*	*4000*	*See Section 4C 1/50 Tons (Submit All)*	*Submit to Central Lab*		*1/5 QC Samples (Random)*
SECTION 00706 - EMULSIFIED ASPHALT SLURRY SEAL SURFACING									
Aggregate Production						*A sublot equals 500 Tons or a minimum 1 per shift whichever results in the greatest sampling frequency*			
(1) Perform at least 3 tests, QL's required	*Sampling* *Reducing* *(1) Sieve Analysis*			*T 2* *T 248* *T 27/T 11*	*1792*	*1/Sublot & Start of Production*			
Emulsified Asphalt Cement *Emulsified Asphalt* *Polymer Modified Emulsion*	*Compliance*				*4000*	*See Section 4C 1/50 Tons (Submit All)*	*Submit to Central Lab*		*1/5 QC Samples (Random)*
Additives *Mineral Filler*	*Material must meet the requirements of Section 00706.13*								
Mixture	*Material must meet the requirements of Section 00706.16*								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00710 - SINGLE APPLICATION EMULSIFIED ASPHALT SURFACE TREATMENT									
Aggregate Production						*A sublot equals 500 Tons or a minimum 1 per shift, whichever results in the greatest sampling frequency*			
	Abrasion			*T 96*	*4000*	*See Section 4A*	*Submit to Central Lab*		*See Section 4A*
	Degradation	*TM 208*							
	Soundness			*T 104*					
	Lightweight Pieces			*T 113*	*4000*				
(1) QAE may waive after 5 sublots/shifts	*Sampling*			*T 2*		*1/Sublot & Start of Production*		*10 % of Required QC*	
	Reducing			*T 248*					
(2) Perform at least 3 tests (QL's required), QAE may waive wet sieve after 5 sublots/shifts if a correlation to dry sieve can be demonstrated	*(5) Fracture (Method 1)*			*T 335*	*1792*				
	(1) Wood Particles	*TM 225*							
	(1)(4) Elongated Pieces	*TM 229*							
	(2) Sieve Analysis			*T27/T 11*					
	(3) Cleanness Value	*TM 227*			*1792*				
(3) May be waived by QAE	*Dry Rodded Unit Weight*			*T 19*	*1825*	*Start of production and when changes in aggregate occurs*			
					1825C				
(4) Not required for Dry Key Material									
(5) 1/5 Sublots & Start of Production									
Asphalt Cement (Emulsion)	*Compliance*			*T 40*	*4000*	*1/50 Tons Submit All*	*Submit to Lab*		*1/5 QC Samples (Random)*

Preproduced Aggregate

Compliance of aggregates produced and stockpiled before the award date or notice to proceed of this contract will be determined by the following:

1. Continuing production records meeting the above requirements of Section 00710.10 and 710.15, Aggregate Production.
2. Furnish records of testing for the entire stockpile according to Section 00710.10 and 710.15 Aggregate Production except change the sampling frequency to the following:

a. One Per 5 sublots means "One Set of Tests Per 2500 Tons".
b. One Per sublot means "One Set of Tests Per 500 Tons" with a minimum of 3 sets of Sieve Analysis tests per project.
c. Provide one stockpile sample for each set of tests required above.

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00711 - PRE-COATED AGGREGATE ASPHALT SURFACE TREATMENT									
Aggregate Production						*A sublot equals 500 Tons or a minimum 1 per shift whichever results in the greatest sampling frequency*			
	Abrasion			*T 96*	*4000*	*See Section 4A*	*Submit to Central Lab*		*See Section 4A*
	Degradation	*TM 208*							
	Soundness			*T 104*					
	Lightweight Pieces			*T 113*	*4000*				
(1) QAE may waive after 5 sublots/shifts	*Sampling*			*T 2*		*1/Sublot & Start of Production*		*10 % of Required QC*	
	Reducing			*T 248*					
(2) Perform at least 3 tests (QL's required), QAE may waive wet sieve after 5 sublots/shifts if a correlation to dry sieve can be demonstrated	*(5) Fracture (Method 1)*			*T 335*	*1792*				
	(1) Wood Particles	*TM 225*							
	(1)(4) Elongated Pieces	*TM 229*							
	(2) Sieve Analysis			*T27/T 11*					
	(3) Cleanness Value	*TM 227*			*1792*				
(3) May be waived by QAE	*Dry Rodded Unit Weight*			*T 19*	*1825*	*Start of production and when changes in aggregate occurs*			
					1825C				
(4) Not required for Dry Key Material									
(5) 1/5 Sublots & Start of Production									
Asphalt Cement	*Compliance*			*T 40*	*4000*	*1/50 Tons Submit All*	*Submit to Lab*		*1/5 QC Samples (Random)*

Preproduced Aggregate

Compliance of aggregates produced and stockpiled before the award date or notice to proceed of this contract will be determined by the following:

1. Continuing production records meeting the above requirements of Section 00711.10 and 711.15, Aggregate Production.
2. Furnish records of testing for the entire stockpile according to Section 00711.10 and 711.15 Aggregate Production except change the sampling frequency to the following:

a. One Per 5 sublots means "One Set of Tests Per 2500 Tons".
b. One Per sublot means "One Set of Tests Per 500 Tons" with a minimum of 3 sets of Sieve Analysis tests per project.
c. Provide one stockpile sample for each set of tests required above.

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00711 - PRE-COATED AGGREGATE ASPHALT SURFACE TREATMENT (CONTINUED)									
Mixture Acceptance						*A sublot equals 500 Tons or a minimum 1 per shift, whichever results in the greatest sampling frequency*			
Meter Method	*Readings backed by Tank Measure & Production Records Daily*	*TM 321* *(1) TM 322*			*2277*	*1/Sublot or Min. 1/Day*			
					2043 and 2401	*Daily Production*	*1/Project (Contact QAC for assistance)*		
(1) Required at start of production and if meters fail to meet specification	*Cold Feed Moisture*			T 255/265	*2277*	*1/Sublot or Min. 1/Day*			
Plant Discharge Moisture	*HMAC Moisture*			*T 329*	*2277*	*1/Sublot*			
Asphalt Cement	*Compliance*			*T 40*	*4000*	*1/50 Tons Submit All*	*Submit to Lab*		*1/5 QC Samples (Random)*

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00712 - DRY KEY EMULSIFIED ASPHALT SURFACE TREATMENT									
Aggregate Production						*A sublot equals 500 Tons or a minimum 1 per shift, whichever results in the greatest sampling frequency*			
	Abrasion			*T 96*	*4000*	*See Section 4A*	*Submit to Central Lab*		*See Section 4A*
	Degradation	*TM 208*							
	Soundness			*T 104*					
	Lightweight Pieces			*T 113*	*4000*				
(1) QAE may waive after 5 sublots/shifts	*Sampling*			*T 2*		*1/Sublot & Start of Production*		*10 % of Required QC*	
	Reducing			*T 248*					
(2) Perform at least 3 tests (QL's required), QAE may waive wet sieve after 5 sublots/shifts if a correlation to dry sieve can be demonstrated	*(5) Fracture (Method 1)*			*T 335*	*1792*				
	(1) Wood Particles	*TM 225*							
	(1)(4) Elongated Pieces	*TM 229*							
	(2) Sieve Analysis			*T27/T 11*					
	(3) Cleanness Value	*TM 227*			*1792*				
(3) May be waived by QAE	*Dry Rodded Unit Weight*			*T 19*	*1825* *1825C*	*Start of production and when changes in aggregate occurs*			
(4) Not required for Dry Key Material									
(5) 1/5 Sublots & Start of Production									
Asphalt Cement (Emulsion)	*Compliance*			*T 40*	*4000*	*1/50 Tons Submit All*	*Submit to Lab*		*1/5 QC Samples (Random)*

Preproduced Aggregate

Compliance of aggregates produced and stockpiled before the award date or notice to proceed of this contract will be determined by the following:

1. Continuing production records meeting the above requirements of Section 00712.10 and 712.15, Aggregate Production.
2. Furnish records of testing for the entire stockpile according to Section 00712.10 and 712.15 Aggregate Production except change the sampling frequency to the following:

a. One Per 5 sublots means "One Set of Tests Per 2500 Tons".
b. One Per sublot means "One Set of Tests Per 500 Tons" with a minimum of 3 sets of Sieve Analysis tests per project.
c. Provide one stockpile sample for each set of tests required above.

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00715 - MULTIPLE APPLICATION EMULSIFIED ASPHALT SURFACE TREATMENT									
Aggregate Production						*A sublot equals 500 Tons or a minimum 1 per shift, whichever results in the greatest sampling frequency*			
	Abrasion			*T 96*	*4000*	*See Section 4A*	*Submit to Central Lab*		*See Section 4A*
	Degradation	*TM 208*							
	Soundness			*T 104*					
	Lightweight Pieces			*T 113*	*4000*				
(2) Perform at least 3 tests (QL's required), QAE may waive wet sieve after 5 sublots/shifts if a correlation to dry sieve can be demonstrated	*(5) Fracture (Method 1)*			*T 335*	*1792*	*1/Sublot & Start of Production*		*10 % of Required QC*	
	(1) Wood Particles	*TM 225*							
	(1)(4) Elongated Pieces	*TM 229*							
	(2) Sieve Analysis			*T27/T 11*					
	(3) Cleanness Value	*TM 227*			*1792*				
(3) May be waived by QAE	*Dry Rodded Unit Weight*			*T 19*	*1825* *1825C*	*Start of production and when changes in aggregate occurs*			
(4) Not required for Dry Key Material									
(5) 1/5 Sublots & Start of Production									
Asphalt Cement (Emulsion)	*Compliance*			*T 40*	*4000*	*1/50 Tons Submit All*	*Submit to Lab*		*1/5 QC Samples (Random)*

Preproduced Aggregate

Compliance of aggregates produced and stockpiled before the award date or notice to proceed of this contract will be determined by the following:

1. Continuing production records meeting the above requirements of Section 00715.10 and 715.15, Aggregate Production.
2. Furnish records of testing for the entire stockpile according to Section 00715.10 and 715.15 Aggregate Production except change the sampling frequency to the following:

a. One Per 5 sublots means "One Set of Tests Per 2500 Tons".
b. One Per sublot means "One Set of Tests Per 500 Tons" with a minimum of 3 sets of Sieve Analysis tests per project.
c. Provide one stockpile sample for each set of tests required above.

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00720 - COLD IN-PLACE RECYCLED ASPHALT CONCRETE PAVEMENT (CIR)									
SECTION 00721 - COLD RECYCLED EMULSIFIED ASPHALT CONCRETE PAVEMENT (CRP)									
Asphalt Cement (Emulsified Recycling Agent)	*Compliance*			*T 40*	*4000*	*See Section 4C 1/50 Tons (Submit All)*	*Submit to Central Lab*		*1/5 QC Samples (Random)*
					4000				
Water	*Compliance*					*See Sec.00340.10*			
					A Sublot equals 1000 Tons				
Aggregate Production Choke Aggregate (See 00705)	*Sampling Reducing Sieve Analysis*			*T 2 T 248 T 27*	*1792*	*1/Sublot & Start of Production*		*Minimum 1/Project*	
SECTION 00725 - HOT IN-PLACE RECYCLED (HIR) ASPHALT CONCRETE PAVEMENT									
	The type of recycling agent will be listed in the Special Provisions								
Recycling Agent (See 00745.11)	*Compliance*			*T 40*	*4000*	*See Section 4C*	*Submit to Lab*		*1/5 QC Samples (Random)*
Recycling Agent	*Compliance*			*T 40*	*4000*	*1/50 Tons*	*Submit to Lab*		
Asphalt Concrete Mixture	*New Asphalt Concrete mixture will meet the requirements of Section 00744*								
SECTION 00730 - ASPHALT TACK COAT									
Tack	*Compliance*			*T 40*	*4000*	*See Section 4C 1/50 Tons*	*Submit to Lab*		*1/50 Tons or All QC Samples*

FIELD TESTED MATERIALS ACCEPTANCE GUIDE				(Revised October 2014)		Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00735 - EMULSIFIED ASPHALT CONCRETE PAVEMENT									
Aggregate production									
	Abrasion			*T 96*	*4000*	*See Section 4A*	*Submit to Lab*		*See Section 4A*
	Degradation	*TM 208*							
	Soundness			*T 104*					
	Lightweight Pieces			*T 113*	*4000*				
					A Sublot equals 1000 Tons or a minimum one per shift, whichever results in the greatest sampling frequency. (For preproduced aggregates, 1 shift shall mean 1000 Tons				
(1) Perform at least 3 tests, QL's required									
	Sampling			*T 2*		*1/Sublot & Start of Production*		*10 % of Required QC*	
	Reducing			*T 248*					
	(1) Sieve Analysis			*T 27/T 11*	*1792*				
(2) May be waived by QAE	*(2) Cleanness Value*	*TM 227*							
	Fracture (Method 1 & 2)			*T 335*					
(3) QAE may waive after 5 sublots/shifts	*(3) Elongated Pieces*	*TM 229*							
	(3) Wood Particles	*TM 225*			*1792*				
Choke Aggregate	*Sieve Analysis*			*T 27*	*1792*	*1/Sublot*		*1/Project*	

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00735 - EMULSIFIED ASPHALT CONCRETE PAVEMENT (CONTINUED)									
Mixture Acceptance					*A Sublot equals 1000 Tons of Mixture*				
	Sampling			*T 2*		*1/Sublot*		*10 % of Required QC*	
	Reducing			*T 248*					
	Sieve Analysis			*T 27/T 11*	*2277*				
	Moisture Content			*T 255*	*2277*				
% Emulsified Asphalt	*Meter Backed*	*TM 321*			*2401 & 2043*	*Daily Production*	*1/Project (Contact QAC for assistance)*		*1/5 QC Samples (Random)*
(1) Required at start of production and if meters fail to meet specification	*by Tank Measure Daily*	*(1) TM 322*							
Emulsified Asphalt Cement	*Compliance*			*T 40*	*4000*	*See Section 4C 1/Sublot (Submit All)*	*Submit to Lab*	*10 % of Required QC*	
SECTION 00740 - COMMERCIAL ASPHALT CONCRETE PAVEMENT (CACP)									
	See Specifications when Testing is Required by Agency								

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00743 - POROUS ASPHALT CONCRETE (PAC)									
Aggregate Production									
	Soundness			*T 104*	*4000*	*See Section 4A*	*Submit to Lab*		*See Section 4A*
	Abrasion			*T 96*					
	Degradation	*TM 208*							
	Lightweight Pieces			*T 113*					
	Plasticity Index			*T 90*	*4000*				
(1) QAE may waive after 5 sublots/shifts						*A Sublot equals 1000 Tons or a minimum one per shift whichever results in the greatest sampling frequency*			
(2) Not required for ATPB Mix	*Sampling*			*T 2*		*1/Sublot & Start of Production*		*10 % of Required QC*	
(3) Coarse Agg (+ No. 4)	*Reducing*			*T 248*					
	(3)(4) Sieve Analysis			*T 27/T 11*	*1792*				
(4) Fine Agg (- No. 4)	*(1)(4) Sand Equivalent*			*T 176*					
	(1)(2)(3) Elongated Pieces	*TM 229*							
	(3)(4) Fracture (Method 2)			*T 335*	*1792*	*1/5 Sublots & Start of Production*			
	(1)(2)(3) Wood Particles	*TM 225*							

Preproduced Aggregate

Compliance of aggregates produced and stockpiled before the award date or notice to proceed of this contract will be determined by the following:

1. Continuing production records meeting the above requirements of Section 00743.10 Aggregate Production.
2. Furnish records of testing for the entire stockpile according to Section 00743.10 Aggregate Production except change the sampling frequency to the following:

a. One Per 5 sublots means "One Set of Tests Per 5000 Tons".
b. One Per sublot means "One Set of Tests Per 1000 Tons" with a minimum of 3 sets of Sieve Analysis tests per project.
c. Provide one stockpile sample for each set of tests required above.

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00743 - POROUS ASPHALT CONCRETE (PAC) (CONTINUED)									
Mixture Acceptance - PAC with RAP									
Gradation				*A Sublot equals 1000 Tons*					
Ignition method	*Calibrate Incinerator*	*TM 323*			*2327IC*	*1/JMF & Each Calendar Year.*		*1/JMF & Each Calendar Year.*	
Ignition method	*Sampling* *Reducing*			*T 168* *R 47*		*1/Sublot or Min. 1/Day*		*10 % of Required QC*	
(Residual aggregate from AASHTO T 308)	*Sieve analysis*			*T 30*	*2277*	*1/Sublot or Min. 1/day*		*10 % of Required QC*	
Asphalt Content				*A Sublot equals 1000 Tons*					
Ignition Method	*Calibrate Incinerator*	*TM 323*			*2327IC*	*1/JMF & Each Calendar Year.*		*1/JMF & Each Calendar Year.*	
Ignition Method	*Sampling* *Reducing*			*T 168* *R 47*		*1/Sublot or Min. 1/day*		*10 % of Required QC*	
	Asphalt Content			*T 308*	*2277*				
Meter Method	*Readings backed by Tank measure & Production Records Daily*	*TM 321* *(1) TM 322*			*2277*	*1/Sublot or Min. 1/day*		*10 % of Required QC*	
(1) Required at start of production and if meters fail to meet specification					*2043 and 2401*	*Daily Production*	*1/Project (Contact QAC for assistance)*		
Meter Method is required for PAC even when acceptance is by Ignition Method									

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00743 - POROUS ASPHALT CONCRETE (PAC) (CONTINUED)									
Mixture Acceptance - PAC without RAP									
Gradation				*A Sublot equals 1000 Tons*					
Cold Feed Method	*Sampling* *Reducing* *Sieve Analysis*			*T 2* *T 248* *T 27/T 11*	*2277*	*1/Sublot or Min. 1/Day*		*10 % of Required QC*	
Ignition method	*Calibrate Incinerator*	*(1) TM 323*			*2327IC*	*1/JMF & Each Calendar Year.*		*1/JMF & Each Calendar Year.*	
Ignition method ***(1) Not required if Asphalt Content Accepted by Meter***	*Sampling* *Reducing*			*T 168* *R 47*		*1/Sublot or Min. 1/Day*		*10 % of Required QC*	
(Residual aggregate from AASHTO T 308)	*Sieve analysis*			*T 30*	*2277*	*1/Sublot or Min. 1/day*		*10 % of Required QC*	
Asphalt Content				*A Sublot equals 1000 Tons*					
Ignition Method	*Calibrate Incinerator*	*TM 323*			*2327IC*	*1/JMF & Each Calendar Year.*		*1/JMF & Each Calendar Year.*	
Ignition Method ***(2) Required at start of production and if meters fail to meet specification***	*Sampling* *Reducing* *Asphalt Content*			*T 168* *R 47* *T 308*	*2277*	*1/Sublot or Min. 1/day*		*10 % of Required QC*	
Meter Method ***<u>Meter Method is required for PAC even when acceptance is by Ignition Method</u>***	*Readings backed by Tank measure & Production Records Daily*	*TM 321* *(2) TM 322*			*2277*	*1/Sublot or Min. 1/day*		*10 % of Required QC*	
					2043 and 2401	*Daily Production*	*1/Project (Contact QAC for assistance)*		

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00743 - POROUS ASPHALT CONCRETE (PAC) (CONTINUED)									
Mixture Acceptance - PAC with and without RAP									
Mix Design Verification Testing				*A Sublot equals 1000 Tons*					
Plant Discharge Moisture	*Cold Feed Moisture*			*T255/T265*	*2277*	*1/Sublot or Min. 1/Day*		*10 % of Required QC*	
	HMA Moisture			*T 329*	*2277*	*1/Sublot or Min. 1/Day*			
(1) If applicable	*(1) RAP Moisture*			*T 329*	*2277*	*1/Sublot or Min. 1/Day*		*10 % of Required QC*	
	Readings backed by Tank measure & Production Records Daily	*TM321 (2) TM 322*			*2401 & 2043*	*Daily Production*	*1/Project (Contact QAC for assistance)*		
Asphalt Cement	*Compliance*			*T 40*	*4000*	*1/Sublot - See section 4C*	*Submit to Lab*	*10% of Required QC*	*1/5 QC Samples (Random)*
(2) Required at start of production and if meters fail to meet specification									

FIELD TESTED MATERIALS ACCEPTANCE GUIDE				(Revised October 2014)		Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00744 - ASPHALT CONCRETE PAVEMENT									
Aggregate Production		*See Specifications when Aggregate Testing is Required by the Agency*							
Mixture Acceptance									
Gradation				*A Sublot equals 1000 Tons*					
Ignition method	*Calibrate Incinerator*	*TM 323*			*2327IC*	*1/JMF & Each Calendar Year.*			
Ignition method	*Sampling Reducing*			*T 168 R 47*		*1/Sublot or Min. 1/Day*			
(Residual aggregate from AASHTO T 308)	*Sieve analysis*			*T 30*	*2277*	*1/Sublot or Min. 1/Day*			
Asphalt Content				*A Sublot equals 1000 Tons*					
Ignition Method	*Calibrate Incinerator*	*TM 323*			*2327IC*	*1/JMF & Each Calendar Year.*			
Ignition Method	*Sampling Reducing*			*T 168 R 47*		*1/Sublot or Min. 1/day*			
	Asphalt Content			*T 308*	*2277*				
Mix Design Verification Testing				*A Sublot equals 1000 Tons*					
Plant Discharge Moisture	*HMAC Moisture*			*T 329*	*2277*	*1/Sublot*			
Maximum Density Test G_{mm}	*Max. Specific Gravity MAMD*	*TM 305*		*T 209*	*2050*	1st Sublot Daily or Min. 1/Day			

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00744 - ASPHALT CONCRETE PAVEMENT (CONTINUED)									
Compaction	*Nuclear Density*		*TM 8*		*1793A*	*(D) Average 10 tests per Sublot or Min. 10/Day, See Section 00744.49*			

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00745 - ASPHALT CONCRETE PAVEMENT - STATISTICAL ACCEPTANCE									
Aggregate Production	*Soundness*			*T 104*	*4000*	*See Section 4A*	*Submit to Lab*		*See Section 4A*
	Abrasion			*T 96*					
	Degradation	*TM 208*							
(1) QAE may waive after 5 sublots/shifts	*Lightweight Pieces*			*T 113*					
	Plasticity Index			*T 90*	*4000*				
(2) Perform a minimum of 3 tests QL's required						*A Sublot equals 1000 Tons or a minimum one per shift whichever results in the greatest sampling frequency*			
	Sampling			*T 2*		*1/Sublot & Start of Production*		*10 % of Required QC*	
	Reducing			*T 248*					
(3) Coarse Agg (+ No. 4)	*(2)(3)(4) Sieve Analysis*			*T 27/T 11*	*1792*				
(4) Fine Agg (- No. 4)	*(1)(4) Sand Equivalent*			*T 176*					
Note: Sample Aggregate before Lime Treatment	*(1)(3) Elongated Pieces*	*TM 229*				*1/5 Sublots & Start of Production*			
	(3)(4) Fracture (Method 2)			*T 335*	*1792*				
	(1)(3) Wood Particles	*TM 225*							
RAS Production *(Reclaimed Asphalt Shingles)*	*Sieve Analysis*			*T 27*	*4000*	*1 / 500 Tons*	Submit to Lab		
	Deleterious Materials	*TM 335*							
	Sampling			*T 2*		*1 / 50 Tons*			
	Reducing			*T 248*					
	Sieve Analysis			*T 27*	*1792*				
	Deleterious Materials	*TM 335*							

Preproduced Aggregate

Compliance of aggregates produced and stockpiled before the award date or notice to proceed of this contract will be determined by the following:

1. Continuing production records meeting the above requirements of Section 00745.10 Aggregate Production.
2. Furnish records of testing for the entire stockpile according to Section 00745.10 Aggregate Production except change the sampling frequency to the following:

a. One Per 5 sublots means "One Set of Tests Per 5000 Tons".
b. One Per sublot means "One Set of Tests Per 1000 Tons" with a minimum of 3 sets of Sieve Analysis tests per project.
c. Provide one stockpile sample for each set of tests required above.

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00745 - ASPHALT CONCRETE PAVEMENT - STATISTICAL ACCEPTANCE (CONTINUED)									
Mixture Acceptance - ACP Without RAP				*A Sublot equals 1000 Tons*					
Gradation									
Ignition method	*Calibrate Incinerator*	*TM 323*			*2327IC*	*1/JMF & Each Calendar Year.*		*1/JMF & Each Calendar Year.*	
Ignition method	*Sampling Reducing*			*T 168 R 47*		*1/Sublot*		*10 % of Required QC*	
(Residual aggregate from AASHTO T 308)	*Sieve analysis*			*T 30*	*2277*	*1/Sublot*		*10 % of Required QC*	
Asphalt Content				*A Sublot equals 1000 Tons*					
Ignition Method	*Calibrate Incinerator*	*TM 323*			*2327IC*	*1/JMF & Each Calendar Year.*		*1/JMF & Each Calendar Year.*	
Ignition Method	*Sampling Reducing*			*T 168 R 47*		*1/Sublot or Min. 1/day*		*10 % of Required QC*	
	Asphalt Content			*T 308*	*2277*				

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00745 - ASPHALT CONCRETE PAVEMENT - STATISTICAL ACCEPTANCE (CONTINUED)									
Mixture Acceptance - ACP Without RAP				*A Sublot equals 1000 Tons*					
Mix Design Verification Testing									
Fabrication	*Gyratory Specimen*	*TM 326*			*2050GV*	*1/Sublot & according to Section 00745.16 (b)-1-d*		10% of Required QC	
Maximum Density Test	*Max. Specific Gravity*			*T 209*	*2050 *2550 *2560*				
Determination of G_{mb}	*Bulk Specific Gravity*			*T 166*	**2584*				
Stripping Susceptibility	*Tensile Strength Ratio*			*T 283*	*2050tsr*	*1/JMF See Section 00745.16 (b)-1-f*			
**Cat-II complete & submit as required, See Section 745.16(b)*									
Plant Discharge Moisture	*HMAC Moisture*			*T 329*	*2277*	*1/Sublot*			
Maximum Density Test G_{mm}	*Max. Specific Gravity*			*T 209*	*2050*	*1st Sublot Daily or Min. 1/Day*			
	MAMD	*TM 305*							
Performing Control Strip	*Control Strip*	*TM 306*			*2084 *2584*	*Develop Rolling Pattern See Specs.*			
Compaction	*Nuclear Density*		*TM 8*		*1793A*	*(D) Average 5 tests per Sublot or Min. 1/Day, See Section 00745.49 (b)-2*		*10 % of Required QC*	
Asphalt Cement	*Compliance*			*T 40*	*4000*	*1/Sublot See Section 4C*	*Submit to Lab*	*10% of Required QC*	*1/5 QC Samples (Random)*
(D) See TM8 Yellowsheet for Density Test Locations									

FIELD TESTED MATERIALS ACCEPTANCE GUIDE				(Revised October 2014)		Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00745 - ASPHALT CONCRETE PAVEMENT - STATISTICAL ACCEPTANCE (CONTINUED)									
Mixture Acceptance - ACP Without RAP				*A Sublot equals 1000 Tons*					
Mix Design Verification Testing									
Meter Method	*Readings backed by Tank Measure & Production Records Daily*	*TM 321* *(1) TM 322*			*2277*	*1/Sublot or Min. 1/Day*		*10% of Required QC*	
					2043 and 2401	*Daily Production*	*1/Project (Contact QAC for assistance)*		
(1) Required at start of production and if meters fail to meet specification	*Cold Feed Moisture*			T 255/265	*2277*	*1/Sublot or Min. 1/Day*		*10% of Required QC*	
Lime or Latex	*Compliance*			*T 219*		*(2) See 00165.35 & 00745.11(d)*			
(2) See Special Provisions for Details									
Lime or Latex Treatment of Aggregate *(Stockpile OR Mixture Production)*	*(3) % Hydrated Lime*	*TM 321* *(1) TM 322*			*2277* *2277*	*1/Sublot*		*10% of Required QC*	
(3) See JMF for Details	*Readings backed by Tank Measure & Production Records Daily*				*2043 and 2401*	*Daily Production*	*1/Project (Contact QAC for assistance)*		
Smoothness									
Certification of Profiler Equipment *Determining Profile Index* *Determining International Roughness Index*		*TM 769* *TM 770* *TM 772*				*See Special Provisions*			
Meter Method is required for ACP even when acceptance is by Ignition Method									

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00745 - ASPHALT CONCRETE PAVEMENT - STATISTICAL ACCEPTANCE (CONTINUED)									
Mixture Acceptance - ACP With RAP				*A Sublot equals 1000 Tons*					
Gradation									
Ignition method	*Calibrate Incinerator*	*TM 323*			*2327IC*	*1/JMF & Each Calendar Year.*		*1/JMF & Each Calendar Year.*	
Ignition method	*Sampling*			*T 168*		*1/Sublot*		*10 % of Required QC*	
	Reducing			*R 47*					
(Residual aggregate from AASHTO T 308)	*Sieve analysis*			*T 30*	*2277*				
Asphalt Content				*A Sublot equals 1000 Tons*					
Ignition Method	*Calibrate Incinerator*	*TM 323*			*2327IC*	*1/JMF & Each Calendar Year.*		*1/JMF & Each Calendar Year.*	
Ignition Method	*Sampling*			*T 168*		*1/Sublot or Min. 1/day*		*10 % of Required QC*	
	Reducing			*R 47*					
	Asphalt Content			*T 308*	*2277*				
RAP Percentage	*Meter Method*	*TM 321*			*2277*	*1/Sublot or Minimum 1/Day*		*10% of Required QC*	
		(1) TM 322							
(1) Required at start of production and if meters fail to meet specification	*RAP Moisture*			*T 329*					
	Cold Feed Moisture			*T255/T265*	*2277*				
Meter Method is required for ACP even when acceptance is by Ignition Method	*Readings backed by Tank measure & Production Records Daily*	*TM 321*			*2401 & 2043*	*Daily Production*	*1/Project (Contact QAC for Assistance)*		
		(1) TM 322							

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00745 - ASPHALT CONCRETE PAVEMENT - STATISTICAL ACCEPTANCE (CONTINUED)									
Mixture Acceptance - ACP With RAP				*A Sublot equals 1000 Tons*					
Mix Design Verification Testing									
Fabrication	*Gyratory Specimen*	*TM 326*			*2050GV*	*1/Sublot & according to Section 00745.16 (b)-1-d*		*10% of Required QC*	
Maximum Density Test	*Max. Specific Gravity*			*T 209*	*2050 *2550 *2560*				
Determination of G_{mb}	*Bulk Specific Gravity*			*T 166*	**2584*				
Stripping Susceptibility	*Tensile Strength Ratio*			*T 283*	*2050tsr*	*1/JMF See Section 00745.16 (b)-1-f*			
**Cat-II complete & submit as required, See Section 745.16(b)*									
Plant Discharge Moisture	*HMAC Moisture*			*T 329*	*2277*	*1/Sublot*			
Maximum Density Test G_{mm}	*Max. Specific Gravity*			*T 209*	*2050*	*1st Sublot Daily or Min. 1/Day*			
	MAMD	*TM 305*							
Performing Control Strip	*Control Strip*	*TM 306*			*2084 *2584*	*Develop Rolling Pattern See Specs.*			
Compaction	*Nuclear Density*		*TM 8*		*1793A*	*(D) Average 5 tests per Sublot or Min. 1/Day, See Section 00745.49 (b)-2*		*10 % of Required QC*	
Asphalt Cement	*Compliance*			*T 40*	*4000*	*1/Sublot See Section 4C*	*Submit to Lab*	*10% of Required QC*	*1/5 QC Samples (Random)*
(D) See TM8 Yellowsheet for Density Test Locations									

FIELD TESTED MATERIALS ACCEPTANCE GUIDE				(Revised October 2014)		Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00745 - ASPHALT CONCRETE PAVEMENT - STATISTICAL ACCEPTANCE (CONTINUED)									
Mixture Acceptance - ACP With RAP				*A Sublot equals 1000 Tons*					
Mix Design Verification Testing									
Lime or Latex	*Compliance*			*T 219*		*(1) See 00165.35 & 00745.11(d)*			
(1) See Special Provisions for Details									
Lime or Latex Treatment of Aggregate (Stockpile OR Mixture Production)	*(3) % Hydrated Lime*	*TM 321* *(2) TM 322*			*2277* *2277*	*1/Sublot*		*10% of Required QC*	
(2) Required at start of production and if meters fail to meet specification	*Readings backed by Tank Measure & Production Records Daily*				*2401 and 2043*	*Daily Production*	*1/Project (Contact QAC for assistance)*		
(3) See JMF for Details									
Smoothness									
Certification of Profiler Equipment *Determining Profile Index* *Determining International Roughness Index*		*TM 769* *TM 770* *TM 772*				*See Special Provisions*			

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification: Project Manager	Independent Assurance/Verification: Region Quality Assurance	Independent Assurance/Verification: Materials Laboratory
SECTION 00754 - PLAIN CONCRETE PAVEMENT REPAIR **SECTION 00755 - CONTINUOUSLY REINFORCED CONCRETE PAVEMENT** **SECTION 00756 - PLAIN CONCRETE PAVEMENT** **SECTION 00758 - CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR**									
Aggregate Production					*A Sublot equals 1000 Tons*				
(1) QAE may waive after 5 sublots/shifts *(2) Perform a minimum of 3 tests, QL's required* *(3) Coarse Aggregate (See Section 02690.20)* *(4) Fine Aggregate (See Section 02690.30)*	*Sampling*			*T 2*		*1/Sublot & Start of Production*		*10 % of Required QC*	
	Reducing			*T 248*					
	(2)(3)(4) Sieve Analysis			*T 27/T 11*	*1792*				
	(4) Fineness Modulus								
	(4) Sand Equivalent			*T 176*	*1792*				
	(1)(3) Wood Particles	*TM 225*			*1792*	*1/5 Sublots & Start of Production*			
	(3) Fracture (Method 2)			*T 335*					
	(1)(3) Elongated Pieces	*TM 229*			*1792*				
	Abrasion			*T 96*	*4000*	*See Section 4A and 02690*	*Submit to Central Lab*		*See Section 4A*
	Degradation	*TM 208*							
	Soundness			*T 104*					
	Lightweight Pieces			*T 113*					
	Organics			*T 21*	*4000*				
	(3) Dry Rodded Unit Weight			*T 19*	*1825* *1825C*	*Start of production and when changes in aggregate occurs*			
	(3)(4) Bulk Specific Gravity & Absorption			*T 84 & T 85*	*1825*				

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00754 - PLAIN CONCRETE PAVEMENT REPAIR **SECTION 00755 - CONTINUOUSLY REINFORCED CONCRETE PAVEMENT** **SECTION 00756 - PLAIN CONCRETE PAVEMENT** **SECTION 00758 - CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR (CONTINUED)**									
Mixture						*A Sublot equals 1000 lane feet of slip formed pavement or 100 yd^3 of non-slip formed PCC*			
Portland Cement *Modifiers* *Admixtures*	*Materials must meet the requirements of Section 02001.10*								
Curing Compounds	*Material must meet the requirements of Section 02050*								
Mixing Water	*Material must meet the requirements of Section 02020*								
Mixture	*Sampling*		*TM 2*						
	Air Content			*T 152*					
	Slump			*T 119*					
	Density (Unit Weight)			*T 121*	*3573WS*				
	Yield			*T121*	*or*	*1/ sublot*		*10 % of Required QC*	
	Concrete Temperature			*T 309*	*4000C*				
	Water/Cement		.	*T 121*					
(S) 1 Set Represents a minimum of 3 Cylinders	*Ratio*								
	Batching								
(M) Per Mix Design & Source	*Strength*			*T 22 & T 23*	*4000C*	(M) (S)1 Set of Cylinders per sublot		*10 % of Required QC*	
Smoothness									
Certification of Profiler Equipment		*TM 769*				*See Special Provisions*			
Determining Profile Index		*TM 770*							
Thickness of Pavement	*Sitcking Measure*	*TM 775*				*See Specs*			

FIELD TESTED MATERIALS ACCEPTANCE GUIDE (Revised October 2014)						Same Frequency for all Tests (Minimums)			
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE			
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification		
							Project Manager	Region Quality Assurance	Materials Laboratory
SECTION 00850 - COMMON PROVISIONS FOR PAVEMENT MARKINGS									
Placement Evaluation "Retroreflectivity"									
In-Place *Procedure evaluates Durable and High Performance Pavement Markings*	*Evaluation of Retroreflectivity Using Hand-Operated Instrument*	*TM 777*			*4101 thru 4105*	*See Special Provisions and Test Procedure for Testing Frequency*			

INSERT TAB

4. NTMAG

OREGON DEPARTMENT OF TRANSPORTATION
CONSTRUCTION SECTION

NONFIELD-TESTED MATERIALS ACCEPTANCE GUIDE

2015 STANDARD SPECIFICATIONS

March 2015 UPDATE

The most current version of this guide is available by printing from the web address listed below. This document is to be used as a guide for documentation required for acceptance of materials on ODOT Construction projects and does not relieve the user of requirements specified in the Construction Project Documents. Please notify the Contract Administration Unit, In the Construction Section at the ODOT Materials Laboratory, of any changes in Standard Drawings, Special Provisions, or Specifications, etc., which would require additions to, deletions from, or changes to this listing.

Internet Address: http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/docs/NFTMAG2015.pdf

Contact 503-986-3000 to have correction made to this guide.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			

This Guide provides a summary of acceptance documents for frequently used items. New materials or materials which are infrequently used may not be listed in this Guide. Consult the Contract Documents for acceptance documentation for these items.

This Guide does not have precedence over the Special Provisions, Contract Plans, or Standard Specifications.*

E – Equipment Lists and Drawings / Procedures
L – ODOT Materials Laboratory or Inspection Report
W – Warranty (Manufacture or Workmanship)
P – Proof of License/Certification or Apprentice Application
M – Manufacturer's Field Representative Report
F – Field Inspection Report (FIR)
O – Certificate of Materials Origin (00160.20 for Federal Aid projects)
BG – Blue and Green Sheets (see section 00960, 00970 or 00990)
RC – RoCap Testing
P/R – DEQ Permit or Compost Producer Registration

Q - Quality Compliance Certificate – The Certificate from the manufacturer shall: • Certify that the material meets the contract requirements and identify the specified test methods used by number (ODOT, AASHTO, ASTM, UL or other) • Permit positive determination that material delivered to the project is the same material covered by the certificate • Be delivered to the Engineer's representative with the shipment of the material, or be an identification plate or mark, decal, sticker, label, or tag attached to the container or material.

T – Test Results Certificate – The Certificate from the manufacturer shall: • Certify that the material has been sampled and tested and that the test results meet the Specifications • Include a copy of the test results (ODOT,AASHTO,ASTM,UL, or other) • Identify the testing agency and the representative responsible for the test results • Permit positive determination that material delivered to the project is the same material covered by the certificate • Be delivered to the Engineer with the shipment of the material.

Small Quantity - a method for accepting relatively small quantities of materials as noted in this Guide without normal sampling and testing. Normal acceptance of materials may be waived by the Project Manager when requested in writing by the Contractor. **Small Quantity acceptance requirements are listed in the Guide along with the maximum amount of material that can be accepted as small quantity.**

QPL – For some materials this Guide will refer to the QPL. When using a QPL "A" or "Q" List product, document with an FIR and attach a copy of the QPL sheet. In the QPL there is a column labeled "List". If there is an "A" in that column for the particular item you are looking up, no sampling or testing is required, it is approved for use. Simply document in an FIR your recognition of the product and its existence on the Approved "A" List. Material listed as approved (A) on the current Qualified Products List (QPL) fulfill the requirements for a Quality Compliance Certificate (Q) for acceptance. **When approval is given to use a product that is not listed on the current QPL, a Contract Change Order will need to be executed and a Quality Compliance Certificate will be required. The Agency may require testing.**

If there is a "Q" in that column the product is Qualified and is suitable for use in that specific category. Job Control testing or additional certification may still be necessary. Consult the Contract documents for further information.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00225	Work Zone Traffic Control	Temporary Protection and Direction of Traffic	00225.90(a)(2)					No quality acceptance documents required.
		Signs, Sign Covers, Flags, Amber Flashers, Flag Boards, Flashing Stop/Slow Paddles	00225.11					No quality acceptance documents required. Use materials from the QPL “A” or “Q” list.
		Square Tube Sign Supports – Perforated Steel Square Tube Sign Supports (PSST)	00225.11(b)(5) 00930					No quality acceptance documents required. Use materials from the QPL “A” or “Q” list in Section 00930 and conforming to the Standard Drawing.
		Barricades, Guardrail, and Reflectors	00225.12					No quality acceptance documents required. Use barricades and guardrail terminals from the QPL “A” or “Q” list.
		Concrete Barrier (Fabricated for Project)	See 00820 in this Guide.					
		Concrete Barrier (From Different Project)	00225.12					No quality acceptance documents required. See Contract Specifications for required materials.
		Impact Attenuators, Glare Shields, Pedestrian Fencing, and Reflective Barrier Panels	00225.12					No quality acceptance documents required. Use materials from the QPL “A” or “Q” list.
		Tubular Markers, Conical Markers, Plastic Drums, New Delineators	00225.13					No quality acceptance documents required. Use materials from the QPL “A” or “Q” list.
		Salvaged Delineators	00225.13 00840					No quality acceptance documents required. See Contract Specifications for required materials.
		Oiling Pavement Markers, Overlay Pavement Markers	00225.13					No quality acceptance documents required. Use markers from the QPL “A” or “Q” list.
		Striping Paint and Beads, Temporary Tape	00225.13					No quality acceptance documents required. Use materials from the QPL “A” or “Q” list.
		Pavement Markers, Temporary Bituminous Adhesive	00225.13(f) 00850.11					No quality acceptance documents required. Use materials from the QPL “A” or “Q” list. QPL lists bituminous adhesive under section 00855.
		Temporary Illumination	00225.14 00960 00970 02120 02920 02926					See Contract Documents for required materials.
		Temporary Traffic Signals	00225.15(a) 00960 00990 02120 02920 02925					See Contract Documents for required materials.
		Portable Temporary Traffic Signals	00225.15(b)					Use products from the QPL “A” or “Q” list.
		Temporary Electrical Signs – Sequential Arrow Signs & Portable Changeable Message Signs	00225.16(a) 00225.16(b)					No quality acceptance documents required. Use products from the QPL “A” or “Q” list. See Contract Specifications for required materials

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		Flaggers, Pilot Cars	00225.27 00225.29 00225.31		P			Must meet qualifications. “P” = Current Flagger Certification.
		Traffic Control Supervisor	00225.28 00225.31 00225.32		P			Must meet qualifications. “P” = Current Flagger Certification.
00270	Temporary Fences	Fencing Materials	01050.10					See Contract Documents for required materials.
		Concrete Barrier	See 00820 in this Guide					
00280	Erosion and Sediment Control	Seed (Temporary or Permanent)	01030.13		T		F	“T” is for germination and purity. Information on tag from seed bag.
		Fertilizers	01030.14		Q		F	“Q” is from manufacturer.
		Mulch, Hydromulch (Temporary or Permanent)	00280.14(d) 01030.15 03020		Q		F	“Q” is for manufactured mulch.
		Slope and Channel Liner Matting – Bonded Fiber Matrix	00280.14(e) 01030.43		Q		F	Use products from the QPL “A” or “Q” list.
		Type 2: Fiber Rolls (considered permanently incorporated due to seed), Type 2 Check Dams	00280.15(a) 01030.15(b)		T or Q		F	“T” lab results of seed showing weed seed content. ”Q” is “Oregon Certified Seed” field or Dept of Ag Cert “weed free”
	Note: The PM is not required to submit quality acceptance documents for temporary items that are removed from the project with the final project documentation but still must ensure that the specified materials are used and BMP for Erosion control are used. See 00280 and Contract Documents for required materials.	Compost	00280.15(A)Type 6 00280.15(f) 00280.15(g) 00280.16(d)Type 7 00280.16(e)Type 8&9 03020.00		T,Q,P/R		F	“T” is STA lab analysis of compost. “Q” is from supplier per Section 03020.10 and 00165.35. “P/R” is either a copy of the DEQ permit or the registration of the compost supplier.
		Sediment Fence	See 00350 in this Guide. No quality acceptance documents required.					
		Sediment Barrier –Cereal Straw Based Products	00280.15(a) 00280.16(e) 01030.15(b)		Q		F,QPL	Use of prefabricated barriers from the QPL “A” or “Q” list, fulfills “Q” requirement. ”Q” Source is “Oregon Certified Seed” field, or Dept of Ag Cert “weed free”.
		Sediment Barrier – Non-Cereal Straw Based Products	00280.16(e) 03020.00		Q		F,QPL	Approved products are on the QPL “A” or “Q”” list.
		Erosion Control Plan	00280.04					Note on test summary the date plan was received. Plan does not need to be submitted with semi-final documentation.
00290	Environmental Protection	Environmental Protection	See Contract Specifications for required restrictions and submittals.					
		Pollution Control Plan	00290.30(b)					Note on test summary the date plan was received. Plan does not need to be submitted with semi-final documentation.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00350	Geosynthetic Installation	Geotextile Fabric (Documentation Level A)	02320.10(c)(1)(a)		T		F	"T" is from fabric manufacturer meeting 00165.35 and 02320.10(c)(1)(a). Field includes production run numbers on FIR for delivered material.
		Geotextile fabric (Documentation Level B)	02320.10(c)(2)		Q		F	"Q" is from fabric manufacturer.
		Subgrade Reinforcement Geogrid (Documentation Level A)	00350 02320		T		F,QPL	Field includes production run numbers on FIR for delivered materials. "T" is from geogrid manufacturer meeting 00165.35 and 02320.10(c)(1)(b). Contact Retaining Wall Engineer in Salem (503-986-3993) to confirm geogrid meets requirements prior to acceptance of Type 1 MSEW Geogrid. When using products from the QPL 02320.10 category "Subgrade Reinforcement Geogrid" for base course reinforcement applications, check Contract Documents for additional testing requirements.
		Subgrade Reinforcement Geogrid (Documentation Level B)	00350 02320		Q		F,QPL	"Q" is from fabric manufacturer. When using products from the QPL 02320.10 category "Subgrade Reinforcement Geogrid" for base course reinforcement applications, check Contract Documents for additional testing requirements.
		Type 1 MSEW Geogrid	02320		T		F,QPL	Field includes production run numbers on FIR for delivered materials. "T" is from the fabric manufacturer meeting 00165.35 and 02320.10(c)(1)(b). Contact Retaining Wall Engineer in Salem (503-986-3993) to confirm geogrid meets requirements prior to acceptance of Type 1 MSEW Geogrid.
00390	Riprap Protection	Geotextile Fabric	See 00350 in this Guide.					
00396	Shotcrete Slope Stabilization	Shotcrete	00396					See Contract Documents
		Steel Reinforcement	See 00530 in this Guide.					
		Polyvinyl Chloride Pipe (PVC)	02415.50		Q		F	"Q" is markings on pipe. Field will include manufacturer's name, size, and the ASTM designation on FIR.
		Curing Materials	02050.10		Q		F,QPL	No testing required when used on shotcrete slope stabilization.
		Grout, Non-Epoxy	02080.20				F,QPL	
		Steel Fiber Reinforcement	00396.13		Q,O		F	

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00398	Rock Slope Stabilization and Reinforcement	Rock Reinforcing Bolts and Rock Reinforcing Dowels	00398.04		E			Do not proceed with the work until the Engineer has approved the work plan in writing.
		Plain Carbon Steel Anchor Bolts, Plates, Washers, Nuts, Wire Rope, Posts, Braces, Appurtenances, Support Ropes, Hardware and Wire Mesh	00398.10(a-c) 00398.11 00398.12 00398.13 00398.14 00398.46		T,Q,O		F	"T" is field verification of pullout testing on not less than 25% of anchors. "Q" is from galvanizer.
		Grout, Non-Epoxy	00398.10(e) 02080.20				F,QPL	
		Polyester Resin	00398.10(f) 00535		Q		F,QPL	
		Rock Bolts	00398.15(a) 00398.50(a)(2)		T,O		F,QPL	"T" is field proof testing of bolts. NOTE: Product 2891 is from a foreign source and will require compliance with Buy America.
		Rock Dowels	00398.15(b) 00398.50(b)(2)		T,O		F	"T" is field proof testing of at least 10%, but not less than 3 dowels.
		Net Systems	00398.16 00398.51		T,O		F	Proprietary system must meet Contract Specifications. Company representative must be at the net system precon and as needed during construction.
00406	Tunneling, Boring, and Jacking	Tunneling	00406.41(a)		E		F	Submit stamped working drawings before beginning work according to 00150.35.
		Boring and Jacking	00406.41(b)		E		F	Submit unstamped and stamped working drawings before beginning work according to 00150.35.
		Pipe	See 00445 in this Guide					
		Casing	00406.12		O		F	
00411	Pipe Bursting and Slip Lining	Pipe	00410.03 00410.72 00411.01 00411.10		E,Q		F	See section 00415 for Video Pipe Inspection.
00412	Cured-in-Place Pipe Lining (CIPP)	Cured-in-Place Pipe Lining (CIPP)	00412.01	E,W			F	See section 00415 for Video Pipe Inspection. "W" is one year workmanship warranty according to 0170.85(b)(1). There is no paper warranty.
		Tube	00412.10		Q		F	
		Resin	00412.11		Q		F	
		Liner	00412.12		Q		F	
00415	Video Pipe Inspection	Video Pipe Inspection	00415		M		F	Provide video inspection and written report according to 00415.40.
00420	Salvaging Pipe	New Materials	See 00445 in this Guide.					
		Salvaged Materials	00420.10				F	"F" can be satisfied with a note in the Test Summary.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00430	Subsurface Drains	Perforated Corrugated Polyethylene Pipe	02415.10		Q		F,QPL	"Q" is markings on pipe. Field will include pipe markings on FIR; manufacturer's name, size, and AASHTO designation. In addition must be listed in QPL.
		Perforated Polyvinyl Chloride Pipe(PVC)	02415.50		Q		F	"Q" is markings on pipe. Field will include manufacturer's name, size, and the ASTM designation on FIR.
		Perforated Concrete Pipe	02410.10(h)		Q		F	"Q" is markings on pipe. Field will include pipe markings on FIR; manufacturer's name, size, and AASHTO designation.
		Perforated Corrugated Steel Pipe and Protective Coating	02420.20 02420.30		Q,O		F	"Q" is markings on pipe. Field will include pipe markings on FIR; manufacturer's name, size, AASHTO designation and type of coating.
		Perforated Corrugated Aluminum Alloy Pipe and Protective Coating	02420.20 02420.50		Q		F	"Q" is markings on pipe. Field will include pipe markings on FIR; manufacturer's name, size, AASHTO designation and type of coating.
00432	Wearing Surface Drains	Perforated Polyvinyl Chloride Pipe (PVC)	02415.50		Q		F	"Q" is markings on pipe. Field will include manufacturer's name, size, and the ASTM designation on FIR.
00435	Prefabricated Vertical Drains	Vertical drains (Complete System)	00435.10 00435.14		Q		F	Use new drains from the QPL "A" or "Q" list or that meet Section 00435 requirements.
		Core	00435.11		T		F	"T" is from the core manufacturer.
		Jacket (Geotextile)	00435.12		T		F	"T" is from fabric manufacturer.
00445	Sanitary, Storm, Culvert, Siphon, and Irrigation Pipe	Nonreinforced Concrete Pipe	02410.10(f)				F	Listed below are the ODOT approved manufacturers: - Oldcastle Precast, Portland, OR - SPEC Industries, Eugene, OR - Advantage Precast, Keizer, OR - Oldcastle Precast, Inc., Nampa, ID - Cascade Concrete Products, Scappoose, OR **If Pipe is from a manufacturer other than those listed above**, contact the Structural Materials Engineer (503-986-6628) for acceptance information prior to pipe placement.
		Reinforced Concrete Pipe	02410.10(g)		O		F	
		Rubber Gaskets and Joint Sealant for Concrete Pipes	02440.40		Q		F	
		Corrugated Steel Pipe, Pipe Arches, Protective Coating and Connecting Bands	02420.10 02420.20		Q,O		F	"Q" is markings on pipe. Field will include pipe markings on FIR; manufacturer's name, size, AASHTO/ASTM designation and coating type.
		Corrugated Polyethylene Pipe	02415.10		Q		F,QPL	"Q" is markings on pipe. Field will include pipe markings on FIR; manufacturer's name, size, and AASHTO designation. In addition must be listed in QPL.
		Polyvinyl Chloride Pipe (PVC)	02415.50		Q		F	"Q" is markings on pipe. Field will include manufacturer's name, size, and the ASTM designation on FIR.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		Ductile Iron Pipe	02420.11		Q,O		F	"Q" is markings on pipe. Field will include manufacturer, size, and AWWA designation on FIR.
		Corrugated Aluminum Alloy Pipe, Protective Coating and Connecting Bands.	02420.20 02420.40		Q		F	"Q" is markings on pipe. Field will include pipe markings on FIR; manufacturer's name, size, and AASHTO designation and coating type.
		Polypropylene Pipe	02415.40		Q		F,QPL	"Q" is markings on pipe. Field will include manufacturer's name, size, and the ASTM designation on FIR.
		Solid Wall Polyethylene Pipe	02415.20		Q		F,QPL	If on QPL "Q" is markings on pipe. If not on QPL must meet 02415.20 ASTM requirements.
		Steel Reinforced Polyethylene Pipe	02415.30				F,QPL	
		Tracer Wire	00445.11(e) 00445.48		Q		F	Only required for sanitary and storm sewer installation.
00446	Trench Drains	Trench Drains	00446.11		O		F,QPL	
		Frames and Grates	00446.12		Q,O		F	
00450	Structural Plate Shaped Structures	Galvanized Structural Plates	02430.10		Q,O		F	"Q" is manufacturer, size and AASHTO designation from the steel plates included on the FIR.
		Aluminum Alloy Structural Plates	02430.20		Q		F	"Q" is manufacturer, size, and AASHTO designation from aluminum sheets included on the FIR.
		Repair of Aluminum or Zinc Coating	00450.42(e) 02420.10(d)		Q		F	
		Bolts, Nuts, and Washers	02430.90		Q,O		F	"Q" is from manufacturer and galvanizer.
		Concrete Reinforcement	See 00530 in this Guide					
00460	Paved Culvert End Slopes	Welded Wire Fabric	02510.40		Q,O		F	
		Curing Materials	00440 02050.10				F,QPL	No testing required when used on end slopes.
00470	Manholes, Catch Basins, and Inlets	Precast Concrete Manholes, Bases, Manhole Top Slabs, Grade Rings, Catch Basins, and Inlets. ***Vaults are NOT covered by section 00470 – please refer to contract special provisions for acceptance requirements.*** **Note:** Precast concrete inlets and catch basins are required to have 4" drain holes. See Oregon Standard Drawings RD364 and RD366.	02450.10 02450.20		O		F	Listed below are the ODOT approved manufacturers: - Oldcastle, Wilsonville, OR - Oldcastle Precast, Portland, OR - Spec Industries, Eugene, OR - Advantage Precast, Keizer, OR - Oldcastle Precast Inc., Nampa, ID - Cascade Concrete Products, Scappoose, OR - Advanced Precast Products, Redmond, OR **If from a manufacturer other than those listed above**, contact the Structural Materials Engineer (503-986-6628) for acceptance information prior to manhole placement.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		Cast-In-Place Units (Steel Reinforcement)	See 00530 in this Guide.					
		Joint Material	02440.40 02440.50 02440.60		Q		F	
		Metal Frames, Grates, Covers, and Ladders	02450.30		Q,O		F	"Q" is from manufacturer.
00475	Drain Wells	Well Casing	00475.10		Q,O		F	"Q" is from steel manufacturer.
00480	Drainage Curbs	Preformed Expansion Joint Filler	02440.10				F,QPL	
		Epoxy Bonding Agent	02070.10				F,QPL	
		Curing Materials	00440.40 (e) 02050				F,QPL	
00490	Work on Existing Sewers and Structures	New Materials	See 00470 in this Guide					
		Salvaged Materials	00490.10				F	
00512	Drilled Shafts	Permanent Shaft Casing	00512.13 00512.40		Q,E,O		F	“Q” is from the manufacturer.
		Steel Reinforcement	See 00530 in this Guide.					
		CSL Tube	00512.15		Q,O		F	“Q” is from the manufacturer.
		CSL Cement Grout – Field Mixed	00512.18 02010.10				F,QPL	Use cement from the QPL.
		CSL Cement Grout – From QPL	00512.18				F,QPL	Non-Epoxy or Tendon Grout
		Drilling Slurry	00512.14(a) 00512.14(b) 00512.14(c)				F,QPL	QPL is for Synthetic Slurry
00520	Driven Piles	Steel Piling	02520.10		T,O	L	F	“T” is from steel manufacturer. Include the pile markings on FIR; heat No., lot No., AASHTO/ASTM designation, grade, brand, quantity and submit copies to Salem Materials Lab for review and written Lab report. *If no “T”, check with Structural Materials Engineer (503-986-6628) for testing requirements.
		Reinforced Pile Tips	02520.10(e)		T,O		F,QPL	"QPL" is for H-Pile Tips.
		Timber Piling and Preservative Treatment	02120.20 02190		Q		F	
		Timber Piling Straps	02120.30		Q,O		F	
		Prestressed Concrete Piles	See 00550 in this Guide.					

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00530	Steel Reinforcement for Concrete	Bar Reinforcement (From Approved Manufacturer on QPL)	02510.10		O		F,QPL	"F" will include the visual verification of the steel manufacturer's identification markings rolled into the bar.
		Bar Reinforcement (Not From Approved Manufacturer on QPL)	02510.10	T,O		L	F	"T" Is from steel manufacturer. Field obtains for each manufacturer, one 4 ft sample of the size representing the greatest quantity needed for the project. Submit samples to Salem Materials Lab. Include manufacturer's name and heat number.
		Epoxy Coated Bar Reinforcement (From Approved Manufacturer on QPL)	02510.11		O		F,QPL	Bar reinforcement is accepted as above either from an Approved Manufacturer or from a non- Approved Manufacturer. "O" is for coating process and reinforcement.
		Epoxy Coated Bar Reinforcement (Not From Approved Manufacturer on QPL)	02510.11	T,Q,O		L	F	Bar reinforcement is accepted as above either from an Approved Manufacturer or from a non- Approved Manufacturer. "Q" is for coating material and coating. 02510.11(e) includes prequalification and certification requirements. "O" is for coating process and reinforcement.
		Headed Bar Reinforcement	00530.35 00530.47 02510.25		Q,O	L	F,QPL	"Q" is from the headed bar manufacturer. "L" - Field submits three (3) 4-foot samples for installer qualification (00530.35). Submit 1 quality control sample per 100 headed bars up to 500, 1 per 500 therafter (530.47(b)(4)). Installer qualification qualifies first 100 headed bar quality control requirement.
		Mechanical Splices – Lapped Splices, Threaded Sleeve Couplers and Butt Splices	00530.30 00530.42 02510.20		Q,O	L	F,QPL	"Q" is from the splice manufacturer. "L"–Field submits three (3) 8-foot samples for installer qualification (00530.30). Submit 1 quality control sample per 100 splices up to 500, 1 per 500 thereafter (00530.42(c)(2)(d)). Installer qualification qualifies first 100 splices quality control requirement.
		Welded Wire Reinforcement	02510.40		Q,O	L	F	"Q" is from steel manufacturer. Field submits to Salem Materials Lab minimum of one full width of sheet by 3-foot sample for each size of reinforcement per project. If this is not possible, contact Materials Section's Physical Testing Group @ 503-986-3089 for sampling requirements.
		Dowels	02510.50		Q,O		F	"Q" is from steel manufacturer.
		Wire Reinforcement	02510.60		Q,O	L	F	"Q" is from steel manufacturer. Field submits to Salem Materials Lab minimum of one 6-foot sample (cut in half, bound, and tagged) per size, per project.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00535	Resin Bonded Anchor System	High Strength Anchor Bolts	00535.10 02560.30(b) 02560.40 02560.60(b)	T	T,Q,O	L	F	"T" is from the steel manufacturer. Prior to installation contact Structures Materials Engineer (503)986-6628. "Q" is from galvanizer.
		Carbon Steel Anchor Bolts	00535.10 02560.30(a) 02560.40		T,Q,O		F	"T" is from the steel manufacturer. Prior to installation contact Structures Materials Engineer (503)986-6628. "Q" is from galvanizer.
		Reinforcement	See 00530 in this Guide.					
		Resin –Polyester, Vinyl Ester or Epoxy	00535.10		Q		F,QPL	See Special Provisions and QPL" remarks" for additional requirements and type of resin to use.
00536	Internal Shear Anchors	Crack Injection Epoxy Resin	00536.10 00538.10				F,QPL	
		Threaded Shear Anchors	00536.11 02560.60(b)	T	T,O	L	F	ASTM A 449 or ASTM A 193 (Grade B7).
		Concrete Repair	00536.12 02015				F,QPL	Must be compatible with epoxy resin.
00538	Crack Injecting Existing Bridges	Crack Injection Epoxy Resin	00538.10				F,QPL	
		PCC Repair Material	00538.12 02015				F,QPL	
00539	Concrete and Crack Sealing	Concrete and Crack Sealers	00539.10 02060				F,QPL	See Special Provisions for modulus requirement.
		PCC Repair Material	00539.10 02015				F,QPL	Must be compatible with sealer.
00540	Structural Concrete	Concrete and Crack Sealers	See section 00539 in this Guide.					
		Concrete Coating	00540.10 02210.10 02210.30				F,QPL	Field includes information from 02210.10.
00545	Reinforced Concrete Bridge End Panels	Reinforcement and Dowels	See 00530 in this Guide.					
		Pipe Under End Panels	00545.10		Q,O		F	"Q" is markings on pipe and galvanizing certification when applicable. Field will include pipe markings on FIR; manufacturer's name, size, AASHTO/ASTM designation and coating type.
		Expansion Joints	See 00585 in this Guide.					

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00550	Precast Prestressed Concrete Members	Precast Unit	00550	T,Q,O		L	F	"T" is from steel manufacturer. "L" covers strand, hardware, reinforcing, concrete and aggregate in precast concrete units. The Materials Lab will perform appropriate inspection and testing for all materials and fabrication.
		Backer Rod Concrete Coating Epoxy and Non-Epoxy Grout Epoxy Coating Keyway Grout PCC Repair Material Poured Joint Filler	02440.14 02210 02080 02510.11 02080.30 02015 02440.30				F,QPL	
		High Strength Tie Rods, Nuts and Washers	00550.50 02560.20 02560.30	T	T,Q,O	L	F	"T" is from manufacturer. "Q" is from the galvanizer. Sample and test according to 02560.60(b).
00555	Post-Tensioning	Seven Wire Strand – Bright Wire and Epoxy Coated	02515.10 02515.40		T,O	L	F	"T" is from strand manufacturer. Field submits to Salem Materials Lab for testing, prior to use, one 8-foot sample from each reel, coil, or pack.
		High Tensile Strength Wire	02515.20		T,O	L	F	"T" is from wire manufacturer. Field will submit to Salem Materials Lab for testing, prior to use, minimum of one 8-foot sample from each 10 coils.
		High Strength Steel Bars	02515.30		T,O	L	F	"T" is from manufacturer. Field will submit to Salem Materials Lab for testing, prior to use, one 4-foot bar from each heat number.
		Anchorages – Proprietary Devices	00555.03 02530 02540		T,O		F	"T" is from anchorage assembly manufacturer.
		Anchorages – Non-Proprietary Devices, Fabricated Steel Items	See 00560 in this Guide.					Design according to 00555.03.
		Tendon Duct	02515.50		Q,O		F	"Q" is from galvanizer and duct manufacturer.
		Tendon Grout	00555.12 00555.13 02080.50		Q		F,QPL	"Q" is results from trial batch.
00560	Structural Steel Bridges	Fabricated Steel Items	02530	T,O	E,Q	L	F	"T" is from steel manufacturer. The Materials Lab will perform appropriate inspection and testing for all materials and fabrication. PM is responsible for notification of fabrication and for providing shop drawings to the ODOT Milwaukie Materials Lab @ 971-673-7002. "Q" is fabricator certification under AISC as required by section 0560.30
		Preparing and Coating Metal Structures	See 00594 in this Guide.					
		High Strength Anchor Bolts, Nuts and Washers	02560.30(b-d) 02560.40 02560.60(b)	T	T,Q,O	L	F	"T" is from manufacturer. "Q" is from galvanizer. Sample and test according to 02560.60(b). Submit by Lot to Salem Materials Lab for testing.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		Carbon Steel Anchor Bolts/Rods, Tie Rods, Nuts and Washers	02560.30(a,c,d) 02560.40		T,Q,O		F	"T" is from manufacturer. "Q" is from galvanizer.
		High-Strength Bolts, Nuts and Washers	02560.20 02560.40 02560.60	T	T,Q,O,RC	L	F,RC	"T" is from manufacturer. "Q" is from galvanizer. Sample and test according to 02560.60(b). Submit by Lot to Salem Materials Lab for testing. "RC" RoCap testing is required to be furnished by the high strength bolt supplier and repeated in the field at the time of installation, according to 02560.60(a). Prior to installation contact Structure Materials Engineer 503-986-6628.
00570	Timber Structures	Timber/Lumber with Preservative Treatment	02130 02190	Q		L	F	Structure Services will perform appropriate inspection and testing for all materials and fabrication.
		Glued Laminated Timber with Preservative Treatment	02140 02190	T		L	F	Structure Services will perform appropriate inspection and testing for all materials and fabrication.
		Decking	00570.44 02130		Q		F	"Q" can either be a grade-stamp or a mill certification.
		Lumber/Timber Connectors	02150		T,Q,O		F	"Q" is from galvanizer and manufacturer.
		Coating Metal Parts	00570.11 00594.11 02530.70		Q		F,QPL	"Q" is from galvanizer or coating manufacturer and fabricator. "QPL" is for coating material.
		Coating Materials for Timber	02210.20 02210.21		Q		F,QPL	"Q" is package labeling information per 02210.10(b).
		Field Treatment	02190.30				F,QPL	Field treat damaged or drilled surfaces.
00581	Bridge Drainage System	Steel Pipe	00581.10		Q,O		F	"Q" is from galvanizer and pipe manufacturer.
		Fabricated Steel Items	02530.20		Q,O		F	"Q" is from galvanizer and fabricator.
		Connectors and Fasteners	02560		T,Q,O		F	"Q" is from galvanizer and connector manufacturer. "T" is for high strength applications.
00582	Bridge Bearings	Composite Bearings	00582.20 02570		T,Q,O,E	L	F,QPL	"T" is from pad manufacturer. "Q" by independent lab. "E" when specified. "L" is inspection report by Structure Services.
		Elastomeric Bearings - Laminated	02571	T,O		L	F	Structure Services will perform appropriate inspection or testing for all materials and fabrication. Contact the ODOT Milwaukie Materials Lab @ 971-673-7002 to coordinate inspection.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		Elastomeric Bearings – Plain, Non-Laminated	02571				F,QPL	
		Fabricated Steel Items - Rockers and Hangers (Bearings)	02570	T,O		L	F	Structure Services will perform appropriate inspection and testing for all materials and fabrication. Contact the ODOT Milwaukie Materials Lab @ 971-673-7002 to coordinate inspection.
00583	Electrical Conduit in Structures	Metal Conduit	02920.10		Q,O		F	"Q" is from galvanizer and manufacturer.
		Non-Metallic Conduit	02920.11		Q		F	"Q" is from manufacturer.
00584	Elastomeric Concrete Nosing	Nosing Material	00584.10				F,QPL	Field includes information from 00584.10.
00585	Expansion Joints	Asphaltic Plug Seals Compression and Strip Seals	00585.10 02440.19		Q,O		F,QPL	"Q" is from galvanizer.
		Backer Rod	02440.14				F,QPL	
		Preformed Joint Seals	02440.20		Q		F	
		Hot Poured Joint Filler	02440.30				F,QPL	
		Lubricant/Adhesive	02440.15		Q		F	
		Poured Joint Sealant	02440.11				F,QPL	
		Preformed Joint Filler	02440.10				F,QPL	
		Structural Steel	See 00560 in this Guide.					
00586	Expansion Joints - Modular	Preformed Joint Seal	02440.20		Q			
		Lubricant/Adhesive	02440.15		Q			
		Polytetrafluoroethylene (PTFE)	02570.10		Q			
		Stainless Steel Sliding Surfaces	02570.10		T,Q,O			
		Structural Steel	02530.20		T, Q,O			
		Modular Bridge Joint System (MBJS)	00586 00586.21		T,E,M		F	Acceptable joint manufacturer listed in Special Provisions. "T" and "F" will include individual components listed above. Additional "T" required for completed system.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00587	Bridge Rails (Including Pedestrian Rail)	Cast Steel Posts	02810.40		Q,O		F	"Q" is from fabricator and galvanizer.
		Concrete Coating	02210.10 02210.30				F,QPL	Field includes information from 02210.10. Use "Latex Emulsion Paint" from QPL.
		Grout	02080.30				F,QPL	Use "Keyway Grout" from QPL.
		Reinforcement	See 00530 in this Guide					
		Structural Steel	See 00560 in this Guide.					
		Structural Steel Tubing	02810.20	Q,O	E	L	F	Structure Services will perform appropriate inspection and testing for all materials and fabrication. PM is responsible for notification of fabrication and for providing shop drawings to the ODOT Milwaukie Materials Lab @ 971-673-7002.
		Thrie Beam Rail	02810.50		Q,O		F	"Q" is visual verification of AASHTO M 180, Class A, Type II stamp must be recorded on FIR. Guardrail W/O stamp will be rejected.
		Tube (Steel Pipe)	02810.30		Q,O		F	
00591	Spray Waterproofing Membrane	Warranted Spray Waterproofing Membrane System	00591.10		W,P,M		F,QPL	Recommended Warranty statement is located on QPL Product Review website under the section 00591 @ http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/qpl/docs/membrane_waterproofing_spray.pdf
00593	Powder Coating Metal Structures	Powder Coating	00593.10		Q		F	
		Structural Steel Caulking	See Section 00594 in this Guide.					
00594	Preparing and Coating Metal Structures	Note: A maximum of 20 gallons of each type of paint may be accepted as Small Quantity per project. Requires a "T" and a "Q" from paint manufacturer and an FIR.						
		Coating Materials	00594.11	T,Q	W	L	F,QPL	
		Structural Steel Caulking	00594.12				F,QPL	
00595	Reinforced Concrete Box Culverts	Cast-in-Place	See 00530 in this Guide for reinforcement and 00540 for concrete coating.					
		Precast Unit	00595.11	T,O		L	F	"T" is from steel manufacturer. The Materials Lab/Structure Services will perform appropriate inspection and testing for all materials and fabrication.
		Joint Seals	02440.40		Q		F	"Q" is from joint seal manufacturer.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
SP0A596	Mechanically Stabilized Earth Retaining Walls	Proprietary MSE Retaining Walls	SP0A596.01 SP0A596.04 SP0A596.31		E,O,M,P		F	The project Special Provisions will list the pre- approved proprietary systems available for use. “E” includes working drawings per 00150.35, manufacturer's field construction manual per 00150.37, and design calculations. Requires Engineers written approval prior to beginning wall construction. “P” Mfg field rep qualifications per SP0A596.31. “M” is final field observation report and final stamped report from Mfg field rep to Engineer per SP0A596.31.
		Nonproprietary MSE Retaining Walls	SP0A596.05		E,O			“E“ includes working drawings per 00150.35 submitted 30 days before construction. Requires Engineer's written approval before beginning wall construction. Field verify elevations before preparing working drawings.
		Dry Cast Concrete Modular Block Facing	SP0A596.12(b)		T,Q,O		F	“T” and “Q” are from the manufacturer and must show conformance to SP0A596.12(b) test requirements and tolerances. The maximum number of blocks per sublot is 2000, Blocks must have been tested by sublot.
		Wet Cast Concrete Modular Block Facing	SP0A596.12(c)		T,Q,O		F	“T” and “Q” are from the manufacturer and must show conformance to SP0A596.12(c) test requirements and tolerances. The maximum number of blocks per sublot is 20 blocks or one day's production, whichever is less. Blocks must have been tested by sublot.
		Precast Concrete Panel Facing	SP0A596.12(e)		O		F	Listed below are the ODOT approved manufacturers: - Oldcastle Precast, Wilsonville, OR - Freedom Precast, Salem, OR **If panels are from a manufacturer other than those listed above, contact the Structural Materials Engineer (503-986-6628) for acceptance information prior to barrier placement.**
		Steel Reinforcement for Concrete	See Section 00530 in this Guide.					
		Steel Components	SP0A596.13(b) 00560.00	All steel components must meet the requirements of Sections 00560 and the following. Check Contract Documents.				
		- Soil Reinforcing Strips	SP0A596.13(b) (1)		Q,O		F	“Q” is from fabricator and galvanizer.
		- Soil Reinforcing Mesh - Welded Wire (Shop Fabricated)	SP0A596.13(b) (2)		Q,O	L	F	Field submits to Salem Materials Lab minimum of one full width of sheet by 3-foot long sample per size per project. If this is not possible, contact Construction Section's Physical Testing Crew for sampling requirements (503- 986-3089). “Q” is from fabricator and galvanizer.
		- Soil Reinforcing Mesh – Twisted Wire Mesh	SP0A596.13(b) (2) 02340		Q,O		F	Refer to 002340.12 for wire dimension openings. “Q” is from fabricator and galvanizer.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		- Tie Strips	SP0A596.13(b) (3)		Q,O		F	"Q" is from fabricator and galvanizer.
		- High Strength Bolts, Nuts and Washers	SP0A596.13(b) (4) 02560.20		T,Q,O	L	F	"T" is from manufacturer. "Q" is from galvanizer. Sample and test according to 02560.60(b). Submit by Lot to Salem Materials Lab for testing.
		- Connector Pins and Mat Bars	SP0A596.13(b) (5)		Q,O		F	"Q" is from fabricator and galvanizer.
		Gabion Baskets	SP0A596.13(c) 02340		Q,O		F	"Q" is from fabricator and galvanizer.
		Geosynthetics	SP0A596.14 02320		Q		F	
		- Geotextile Soil Reinforcement	SP0A596.14(f) (1) 02320		T,Q		F	"Q" or "T" depending on level specified in contract.
		- Geogrid Soil Reinforcement	SP0A596.14(f) (2) 02320.10(a)(2)		T		F,QPL	Geogrid shall only be Type 1 MSEW Geogrid.
		Elastomeric Bearing Pads	SP0A596.15		T	L	F	Structure Services will perform appropriate inspection or testing during fabrication. PM is responsible to contact the ODOT Milwaukie Materials Lab @ 971-673-7002 to coordinate inspection at the lab that the contractor has chosen to conduct the testing.
SP0B596	Prefabricated Modular Retaining Walls	Proprietary Retaining Walls	SP0B596.01 SP0B596.04 SP0B596.10 SP0B596.31		E,O,M, P		F	The project Special Provisions will list the pre- approved proprietary systems available for use. "E" includes working drawings per 00150.35, manufacturer's field construction manual per 00150.37, and design calculations. Requires Engineers written approval prior to beginning wall construction. "P" Mfg field rep qualifications per SP0B596.31. "M" is the final field observation report and final stamped report from Mfg field rep to Engineer per 0B596.31.
		Nonproprietary Retaining Wall	SP0B596.05		E,O		F	"E" is the working drawings to 00150.35 submitted 30 days before construction. - Engineer's written approval is required before beginning wall construction.
		Precast Concrete Bin Units	SP0B596.12(b)		T,Q,O		F	"T" is from the manufacturer and must show conformance to SP0B596.12(b) test requirements. The maximum number of bins per sublot is 10 or one day's production, whichever is less. Bins must have been tested by sublot. "Q" is from manufacturer for supporting and curing, finish and tolerances.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		Dry Cast Concrete Blocks	SP0B596.12(c)		T,Q,O		F	"T" and "Q" are from the manufacturer and must show conformance to SP0B596.12(c) test requirements and tolerances. The maximum number of blocks per sublot is 2000, Blocks must have been tested by sublot.
		Wet Cast Concrete Blocks	SP0B596.12(d)		T,Q,O		F	"T" and "Q" are from the manufacturer and must show conformance to SP0B596.12(d) test requirements and tolerances. The maximum number of blocks per sublot is 20 blocks or one day's production, whichever is less. Blocks must have been tested by sublot.
		Precast Concrete Crib Walls	SP0B596.12(e)		T,Q,O		F	"T" is from the manufacturer and must show conformance to SP0B596.12(e) test requirements. The maximum number of crib walls per sublot is 100 or one day's production, whichever is less. Bins must have been tested by sublot. "Q" is from manufacturer for color, finish and tolerances.
		Steel Reinforcement for Concrete	See Section 00530 in this Guide.					
		Metal Bin Gravity Walls – Galvanized Steel Sheets and Hardware	SP0B596.13(b) 02350		Q,O		F	"Q" is from fabricator and galvanizer.
		Gabion Baskets	SP0B596.13(c) 02340		Q,O		F	"Q" is from fabricator and galvanizer.
		Geosynthetics	SP0B596.14 02320		Q		F	
SP0C596	Cast-In-Place Concrete Retaining Walls	Proprietary and Non-Proprietary	SP0C596.05		E		F	"E" is working drawings per 00150.35 submitted at least 30 prior to construction. - Engineer's written approval is required.
		Steel Reinforcement for Concrete	See 00530 in this Guide.					
		Geosynthetics	SP0C596.14 02320		Q		F	
		Piles	See 00520 in this Guide.					
00597	Sound Walls	Concrete Block Sound walls	00597.11					
		- Concrete Blocks and Caps	00597.11(a-b)		T,Q		F	
		- Reinforcement	See 00530 in this Guide for reinforcement.					
		- Preformed Expansion Joint Filler	00597.11(f) 02440.10				F,QPL	
		- Fillers, Sealers, and Damp Proofing	00597.11(g)				F,QPL	

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		Precast Concrete Panel Sound Walls	00597.12		O		F	Listed below are the ODOT approved manufacturers: - Oldcastle, Wilsonville, OR - EnCon Northwest, LLC Camas, WA - Freedom Precast, Salem, OR **If soundwalls are from a manufacturer other than those listed above**, contact the Structural Materials Engineer (503-986-6628) for acceptance information prior to soundwall placement.
		Concrete Panel Lock Fence Sound Walls	00597.13		T,Q		F	
00599	Concrete Slope Paving	Grout	00599.10 02080.40		Q		F	
		Reinforcement	See 00530 in this Guide for reinforcement					
00746	Crack Sealing Flexible Pavements	Sealants – Hot Poured	02440.30				F,QPL	Meet the requirements of AASHTO M324, Type II (ASTM D6690 Type II).
00748	Asphalt Concrete Pavement Repair	Subgrade Geotextile	02320.10(c)(2)		Q		F	
		Subgrade Geogrid	02320.10(a)(2)				F,QPL	
00754	Plain Concrete Pavement Repair	Bar Reinforcement Concrete Materials Bonding Agents Grouts Joint Fillers	See 00755 in this Guide					
		Resin Bonded Anchors	See 00535 in this Guide					
		Curing – Liquid Compound	02050.10			L	F,QPL	Submit one quart samples of each lot to the Salem Material Lab for testing
		Curing – Polyethylene Film	02050.20		Q		F	Use clear or white polyethylene film.
		Curing – Insulated Blankets	02050.30				F,QPL	
		Portland Cement Concrete Repair	00754.17 02015.20				F,QPL	Used for spall repair, rapid or very rapid setting material. No products containing magnesium phosphate.
00755	Continuously Reinforced Concrete Pavement	Bar Reinforcement	See 00530 in this Guide.					
		Curing - Liquid Compounds	02050.10			L	F,QPL	Submit one quart samples of each lot to the Salem Material Lab for testing.
		Curing - Polyethylene Films	02050.20		Q		F	Use clear or white polyethylene film.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		Bonding Agents	02070.10 02070.20				F,QPL	
		Grout	02080.10 02080.20				F,QPL	
		Poured Joint Fillers	02440.30				F,QPL	Meet the requirements of AASHTO M324, Type II (ASTM D6690 Type II).
		Preformed Expansion Joint Filler	02440.10				F,QPL	Meet the requirements of AASHTO M153 or AASHTO M213.
00756	Plain Concrete Pavement	Bar Reinforcement Concrete Materials Curing Materials Bonding Agents Grouts Joint Fillers	See 00755 in this Guide.					
00758	Reinforced Concrete Pavement Repair	Bar Reinforcement Concrete Materials Bonding Agents Grouts Joint Fillers	See 00755 in this Guide.					
		Curing Materials Portland Cement Concrete Repair	See 00754 in this Guide.					
00759	Miscellaneous PCC Structures	Bar Reinforcement Bonding Agents Preformed Expansion Joint Filler	See 00755 in this Guide.					
		Dowels	02510.50		Q,O		F	"Q" is from steel manufacturer.
		Curing Materials	02050				F,QPL	No testing required when used on miscellaneous PCC structures.
		Metal Handrail	02830		Q,O		F	
		Welded Wire Reinforcement	02510.40		Q,O		F	
		Truncated Dome Warning Surfaces	00759.12				F,QPL	

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00810	Metal Guardrail	Guardrail Anchor Hardware	02820.40		Q,O	L	F	"L"- Project Manager will submit one cable assembly per project or one cable per manufacturer to the Salem Materials Lab for testing. Stock testing lab reports are good for 1 year. "Q" is from galvanizer.
		Guardrail Hardware Metal Beam Rail	02820.10 02820.30		Q,O		F	"Q" is visual verification of AASHTO M 180, Class A, Type II stamp must be recorded on FIR. Guardrail W/O stamp will be rejected.
		Metal Posts	02820.20		T,Q,O		F	"T" is from steel manufacturer. "Q" is from galvanizer. Note: Metal blocks are not permitted (exception BR203).
		Wood Posts and Blocks	02110.10 02110.20 02190				F	Listed below are the current ODOT approved manufacturers that treat wood posts and blocks: - All Weather Wood, LLC Plant #850 - Conrad Forest Products, North Bend - Exterior Wood, Washougal, WA - Hoover Treated Wood Products, Winston, OR If posts and blocks are proposed from a source other than those listed above or a source not on the Structures Services website, contact Structure Materials Engineer, 503-986-6628. **Please visit the Structure Services website for** http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/pages/wood_treating_companies.aspx
		Recycled Plastic Blocks	02110.20		Q		F	See Contract Documents or use blocks from QPL.
		Guardrail Terminals	00810.10		O		F, QPL	
		Salvaged Materials	00810.15				F	
00811	Cable Barrier	Cable Barrier	00811.10		T,E, O		F,QPL	"E" provide Tension Measuring Device and subsequent training. "T" is tension log per Manufacturer's recommendation.
		Cable Barrier Terminals & Connections	00811.11		O		F,QPL	
00812	Adjusting Guardrail	Replace damaged materials	See 00810 in this Guide.					
		Repair Galvanizing	00812.40		Q		F	
		Wood Preservative	00812.41(a)				F,QPL	

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00815	Bollards	Reflective Sheeting	00815.10 02910.2				F,QPL	
		Posts, Sleeves, Plates, Shapes, Fasteners and Hardware	00815.11 00815.12		Q,O		F	
		Galvanizing	00815.13		Q		F	
		PVC Pipe	00815.14		Q		F	"Q" is markings on pipe. Field will include pipe markings on FIR; manufacturer's name and/or trademark, size, and ASTM designation.
00820	Concrete Barrier (Cast in Place)	Concrete Coating	02210.30		Q		F,QPL	"Q" is package labeling information per 02210.10(b).
		Bar Reinforcement	See 00530 in this Guide.					
		Hardware Loop Bars C-Shape Connectors	00820.11		Q,O		F	"Q" is from hardware fabricator and galvanizer.
		Portland Cement Grout	02080.40		Q		F	
		Preformed Joint Filler	02440.10				F,QPL	
00820	Concrete Barrier (Precast)	Barrier	00820.11		O		F	Listed below are the ODOT approved manufacturers: - Oldcastle, Wilsonville, OR - EnCon Northwest, LLC, Camas, WA - Oldcastle Precast, Inc. , Nampa, ID - Freedom Precast, Salem, OR - Oldcastle, Portland, OR **If barrier are from a manufacturer other than those listed above**, contact the Structural Materials Engineer (503-986-6628) for acceptance information prior to barrier placement.
		Concrete Coating	02210.30		Q		F,QPL	"Q" is package labeling information per 02210.10(b).
		Portland Cement Grout	02080.40		Q		F	
		Hardware	00820.11(b)		Q,O		F	"Q" is from hardware fabricator and galvanizer.
		Reused Precast Barrier – New Temporary from Project Reused as Permanent on Project	00820.12(a)		O		F	"O" is for reinforcement. "F" details barrier condition per 00820.12(a).
		Reused Precast Barrier – From Previous Project (Reused as Permanent)	00820.12(b)		O		F	"O" is for reinforcement. "F" - field will include manufacturer, prior project information/documentation, and barrier condition per 00820.12(b)

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00822	Glare Shields	Glare Shields	00822.10				F,QPL	
		Hardware	00822.10		Q,O		F	"Q" is from fabricator and galvanizer.
00830	Impact Attenuators	Impact Attenuator System	00830		O		F,QPL	
00840	Delineators and Milepost Marker Posts	Barrier Markers	00840.10				F,QPL	
		Delineator Reflective Sheeting	00840.10				F,QPL	
		Flexible Delineators	00840.10		O		F,QPL	"O" is for drive anchor.
		Galvanized Milepost Marker Posts	00840.11		Q,O		F	"Q" is from fabricator and galvanizer.
00842	Facility Identification Markers	Type S1 Markers	00840.10 00842.10(a)(1)				F,QPL	Type 2 flexible delineator (green or red).
		Type S2 Markers	00840.11 00842.10(a)(2)		Q,O		F	Galvanized Type 1U post with white aluminum marker.
		Type S3 Markers	00842.10(a)(3) 02450.30		Q,O		F	Manhole cover
		Type 1 Drainage Markers	00842.10(b)(1) 00850.10				F,QPL	See 00867.45 for Type B.
		Type 2 Drainage Markers	00840.11 00842.10(b)(2)		Q,O		F	Galvanized Type 1U post with white aluminum marker.
		Bridge Facility Markers:						
		Markers	00842.10(c) 02910		Q		F	Aluminum sheet.
		Galvanized Support Posts	00840.11 00842.10(c)		Q,O		F	"Q" is from fabricator and galvanizer.
		SS Mechanical Anchors	00842.10(c)		O		F,QPL	QPL Section 00535.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00850	Pavement Markings	- Adhesive for Pavement Markers - High Performance Pavement Markings - Methyl Methacrylate - Pavement Markers - Marking Paint - Marking Tape - Thermoplastic	00850.10 00850.30 00850.31 00850.75		W,P,M		F,QPL	"W" - Warranty on final product is required only for those Sections referencing 00850.75. "P" - Certified installers required only for those Sections referencing 00850.31. "M" - Manufacturer's representative required only for those Sections referencing 00850.30.
		Reflective Elements	00850.10 00850.47(c)		T		F,QPL	QPL is for paint application otherwise follow manufacturer's recommendation. "T" is for non-paint applications. Test according to ODOT TM777.
		Bituminous Adhesive – Permanent Applications	00850.11			L	F,QPL	"L"–Project Manager submit a brick sample of flexible bituminous adhesive to Salem Materials Lab. Must be tested by Lot #.
00855	Pavement Markers	Pavement Markers Adhesive	See 00850 in this Guide.					
		Note: A maximum amount of adhesive for 200 pavement markers may be accepted as Small Quantity.						
00856	Surface Mounted Tubular Markers	Tubular Markers	00856.10		O		F,QPL	
00860	Longitudinal Pavement Markings – Paint	Paint and Reflective Elements	See 00850 in this Guide.					
00865	Longitudinal Pavement Markings – Durable	Methyl Methacrylate Thermoplastic Reflective elements	See 00850 in this Guide.					
00866	Longitudinal Pavement Markings – High Performance	Modified Urethane Hi-Build Paint Polyurea Reflective Elements	See 00850 in this Guide.					
00867	Transverse Pavement Markings – Legends and Bars	Type A through Type D Reflective Elements	See 00850 in this Guide.					See 00860.75 for additional Warranty requirements.
		Note: A maximum of 3 legends and or bars may be accepted as Small Quantity without reflectivity testing, with an FIR as long as the marking material is on the QPL and the reflective elements are per the manufacturer.						
00905	Removal and Reinstallation of Existing Signs	Permanent Supports	See 00910, 00920, and 00930 in this Guide.					
		Hardware	02910.40		Q,O		F	"F" needs to address if hardware is new or existing. "Q" is from hardware manufacturer and galvanizer when new hardware is used for reinstall. "O" is only required if hardware is new.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00910	Wood Sign Posts	Posts	02110.40		Q		F	"Q" is for the grading requirements.
		Preservative Treatment - Manufacture	02190.10		T		F	
		Preservative Treatment - Field	02190.30				F,QPL	
00920	Sign Support Footings	Reinforcement	See 00530 in this Guide.					
		Conduit	02920.10 02920.11 02920.12		Q,O		F	"Q" is from conduit manufacturer.
		High Strength Anchor Bolts/Rods, Nuts, and Washers	02560.30(b) 02560.30(c) 02560.30(d) 02560.40	T	T,Q,O	L	F	"T" is from manufacturer. "Q" is from the galvanizer. The Materials Lab will perform appropriate inspection and testing for all materials and fabrication. Sample and test according to 02560.60(b).
		Carbon Steel Anchor Bolts/Rods and Tie Rods	02560.30(a) 02560.40		T,Q,O		F	"T" is from manufacturer. "Q" is from fabricator and galvanizer.
		Bolts, Nuts and Washers – Carbon Steel and High Strength	02560.10 02560.20		T,Q,O		F	"T" is from the manufacturer. "Q" is from fabricator and galvanizer.
00921	Major Sign Support Drilled Shaft	Reinforcement	See 00530 in this Guide					
		Crosshole Sonic Log Access Tubes	00921.15		T,Q,O		F	"T" is contractor's Crosshole Sonic Log test reports (00921.48(b)).
		Crosshole Sonic Log Cement Grout	00921.18 02010				F,QPL	
00930A	Metal Sign Supports - Minor	Breakaway Sign Supports: - Multi-Post - Triangular Base - Pipe	00930		Q,O		F	Refer to Standard Traffic Drawings.
		Perforated Steel Square Tube Slip Base Sign Support	00930		O		F,QPL	Refer to Standard Traffic Drawings.
		Other Sign Supports and Mounts	00930		Q,O		F	
		High Strength Bolts, Nuts and Washers	02530.10 02560	T	T,Q,O,RC	L	F	"T" is from the manufacturer. "Q" is from galvanizer. Sample and test according to 02560.60(b). Submit by Lot to Salem Materials Lab for testing. "RC" RoCap testing is required to be furnished by the high strength bolt supplier, according to 02560.60(a). Structure Services will perform appropriate inspection for all materials and fabrication. Contact the ODOT Milwaukie Materials Lab @ 971-673-7002 to coordinate.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00930B	Metal Sign Supports - Major	Working Drawings	00930.02		E			"E" required for structural metal work. PM is responsible for notification of fabrication and for providing shop drawings to the ODOT Milwaukie Materials Lab @ 971-673-7002.
		Truss Sign Bridges Monotube Sign Bridges Butterfly Sign Structures Monotube Cantilever Sign Structures	00930	T,O	Q	L	F	"T" is from the steel manufacturer. Structure Services will perform appropriate inspection for all materials and fabrication. The PM office contacts the ODOT Milwaukie Materials Lab @ 971-673-7002 to coordinate inspection of fabrication and required testing. "Q" is identifying tag on overhead and butterfly sign support structures only. Field will include information on FIR.
		High-Strength Bolts, Nuts, Washers, and Direct Tension Indicators	02560.30	T	T,Q,O,RC	L	F	"T" is from the manufacturer. "Q" is from the galvanizer. Sample and test according to 02560.60(b). Submit by Lot to Salem Materials Lab for testing. "RC" RoCap testing is required to be furnished by the high strength bolt supplier, according to 02560.60(a). Structure Services will perform appropriate inspection for all materials and fabrication. Contact the ODOT Milwaukie Materials Lab @ 971-673-7002 to coordinate.
00940	Signs	Finished Signs – with ODOT Sticker	00940.46 02910		Q,W		F	"Q" is ODOT inspection sticker. Includes everything excpet hardware and posts. Field will include information on FIR. "W" is for Type III, IV, and IX sheeting only.
		Finished Signs – without ODOT Sticker	If signs do not have an ODOT Inspection Sticker, contact ODOT Milwaukie Materials Lab @ 971-673-7002 for inspection process and ODOT Sticker.					
		Hardware	02910.40		Q,O		F	"Q" is from hardware manufacturer and galvanizer.
00941	Sign Covers	Permanent Signs	00941.10				F,QPL	Provide from the QPL or as approved by the sign sheeting manufacturer. Do not use plywood.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00960	Common Provisions for Electrical Systems	Equipment List and Drawings	00960.02 00960.30 02920.00		E,P		BG	See Contract Documents. "E"-The Traffic Section's Signal Standards Group has two lists to simplify Contractor submittals: "Blue Sheets - Submittals for Field Qualification" and "Green Sheets - Submittals for Conditional Qualification". The Project Manager will obtain and furnish to the Contractor copies of the most recent lists. "Q" and "F" requirements for products listed under this section are satisfied if the products are qualified on the "Submittals for Field Qualification". Follow the instructions in the Blue and Green Sheets for qualification and documentation requirements. NOTE: Every person installing electrical systems must submit a copy of their electrical license or apprentice registration prior to performing work.
		Reinforcement in Foundations	See 00530 in this Guide.					
		Metal Conduit	02920.10 02920.12		Q,E,O,BG		F,BG	"Q" is marked on conduit. Follow instructions in the Blue/Green Sheets.
		Non-Metallic Conduit	02920.11 02920.12		Q,E,BG		F,BG	"Q" is marked on conduit. Follow instructions in the Blue/Green Sheets.
		Underground Marking Tape	02920.13		BG		F, BG	Follow instructions in the Blue/Green Sheets.
		Metal junction boxes	02920.14(b)		Q,E,O,BG		F,BG	"Q" is from manufacturer. Follow instructions in the Blue/Green Sheets.
		Concrete Junction Boxes	02920.14(c), (d)		Q,E,BG		F,BG	Follow instructions in the Blue/Green Sheets.
		Hybrid Junction Boxes – Polymer or Fiberglass	02920.14(e)		Q,E,BG		F,BG	"Q" is from manufacturer. Follow instructions in the Blue/Green Sheets.
		Direct Burial Cable	02920.22		Q,E,BG		F,BG	"Q" is from manufacturer.
		Cable and Wire	02920.20 02920.21 02920.22 02920.23		Q,E,BG		F,BG	"Q" is from manufacturer. Follow instructions in the Blue/Green Sheets.
		Eye Bolts (Carbon Steel A307))	02920.24		T,Q,E,O,BG		F,BG	"T" is from manufacturer. "Q" is from galvanizer. Follow instructions in the Blue/Green Sheets.
		Electrical Splice Materials	02920.25		Q,E,BG		F,BG	"Q" is from manufacturer.
		Fuse Holders, Ground Rod & Clamp, and Conduit Plug	02920.26 02920.27 02920.28		O,BG		F,BG	Follow instructions in the Blue/Green Sheets.
		Wood Poles	00960.47 00960.02		T,Q,E		F	"T" is for preservative treatment. "Q" is for the grading certificate of lumber inspection.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
00962	Metal Illumination and Traffic Signal Supports	Calculations and Drawings	00962.02		E			See Contract Documents. "E"- Calculations and Shop Drawings meeting the requirements of 00962.02.
		High Strength Anchor Bolts/Rods, Threaded Rods, Nuts and Washers	00962.10 02560.30 02560.40 02560.60	T	T,Q,O	L	F	"T" is from the manufacturer. "Q" is from galvanizer. Sample and test according to 02560.60(b). Structure Services will perform appropriate inspection for all materials and fabrication. Contact the ODOT Milwaukie Materials Lab @ 971-673-7002 to coordinate.
		Carbon Steel Anchor Bolts/Rods, Threaded Rods, Nuts and Washers	02560.30(a) 02560.40		T,Q,O		F	"T" is from manufacturer. "Q" is from galvanizer.
		High-Strength Fasteners	00962.10 02560.20		T,Q,O,RC		F	"T" is from manufacturer. "Q" is from galvanizer. "RC" RoCap testing is required to be furnished by the high strength bolt supplier, according to 02560.60(a).
		Steel Poles Mast Arms, and Base Plates	00962.10 02530		T,Q,O		F	"Q" from hardware manufacturer and galvanizer. "T" is from pole manufacturer. Silicone content is required per section 002530.70.
00963	Drilled Shafts	Temporary Shaft Casing	00963.01 00963.13 00963.40		Q,E		F	"Q" is from the manufacturer.
		Reinforcement	See 00530 in this Guide.					
00970	Highway Illumination	Equipment List and Drawings	00960 00962 00970.02		E		BG	See Contract Documents. "E"-The Traffic Section's Signal Standards Group has two lists to simplify Contractor submittals: "Blue Sheets – Submittals for Field Qualification" and "Green Sheets – Submittals for Conditional Qualification". The Project Manager will obtain and furnish to the Contractor copies of the most recent lists. "Q" and "F" requirements for products listed under this section are satisfied if the products are qualified on the "Submittals for Field Qualification". Follow the instructions in the Blue and Green Sheets for qualification and documentation requirements.
		Common Electrical Items	See 00960 in this Guide.					
		Metal Illumination and Signal Supports	See 00962 in this Guide.					
		Wood Poles	See 00962 in this Guide.					

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		Cable and Wire	00970.42 02920.20 02920.21 02920.22 02920.23		Q,E,BG		F,BG	"Q" is from manufacturer. Follow instructions in the Blue/Green Sheets.
		Photocontrol Electronic Relay	00970.43 02926.41		Q,E,BG		F,BG	"Q" is from manufacturer. Follow instructions in the Blue/Green Sheets.
		Luminaires, Lamps and Ballasts	00970.03 00970.44 00970.45 02926.50 02926.52		Q,E		F	"Q" is from manufacturer.
		Cabinets	02926.40		Q,E,O,BG		F,BG	"Q" is from manufacturer.
		Circuit Control Devices	02926.41		Q,E,BG		F,BG	"Q" is from manufacturer.
		High-Intensity Discharge Luminaires	02926.53		Q,E,BG		F,BG	"Q" is from manufacturer.
00990	Traffic Signals (See Special Provision)	Equipment List and Drawings. Illumination and Signal Supports Signal Support Drilled Shafts	See 00960 in this Guide for Common Provisions for Electrical Systems. See 00962 in this Guide for Metal Illumination and Traffic Signal Supports. See 00963 in this Guide for Traffic Signal Drilled Shafts.					
		Variable Message Signs	SP00990		Q,E,O		F	VMS signs are purchased through price agreement contracts by the ODOT ITS Unit with FHWA approval. All system documentation is on file with the ITS Unit. "E" is a copy of the ITS purchase request letter and FHWA response approval letter. "Q" is the system manufacturer and product installed recorded on the FIR. "O" is for the anchor bolts. Please contact your RAS or Mike Dennee @ (503)986-3027 if you need assistance obtaining documentation.
		Backer Rod and Loop Sealant	00990.10		Q		F	Provide materials from the QPL "A" or "Q" list.
		Frangible Bases	02925.33		Q,E,O,BG		F,BG	"Q" is from base manufacturer and from fastener manufacturer. "O" needed for fasteners. Follow instructions in the Blue/Green Sheets.
		High Strength Anchor Bolts/Rods, Nuts and Washers	02925.34 02560.30 02560.40 02560.60	T	T,Q,O	L	F	"T" is from the manufacturer. "Q" is from galvanizer. Sample and test according to 02560.60 – submit to Salem Materials Lab for testing.
		Carbon Steel Anchor Bolts/Rods, Tie Rods, Nuts and Washers	02560.30(a) 02560.40		T,Q,O		F	"T" is from manufacturer. "Q" is from galvanizer.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		Cabinets	02925.40 02925.67(b)		Q,E,O,BG		F,BG	"Q" is from manufacturer. Coat as required. Follow instructions in the Blue/Green Sheets.
		Circuit Control Devices	02925.41		Q,E,BG		F,BG	"Q" is from manufacturer. Follow instructions in the Blue/Green Sheets.
		Traffic Signal Control Devices	02925.42		Q,E,BG		F,BG	"Q" is from manufacturer. Follow instructions in the Blue/Green Sheets.
		Traffic Signal Lamps	02925.51		Q,E,BG		F,BG	"Q" is from manufacturer. Follow instructions in the Blue/Green Sheets.
		Signal Indication Material	02925.60		Q,E,BG		F,BG	"Q" is from manufacturer. Follow instructions in the Blue/Green Sheets.
		Signal and Sign Mounting Hardware	02925.62 02925.67(c)		T,Q,O, BG		F, BG	"T" is from manufacturer, "Q" is from galvanizer. Coat as required. Follow instructions in the Blue/Green Sheets.
		Vehicle Signal	02925.64		Q,E,BG		F,BG	"Q" is from manufacturer. Follow instructions in the Blue/Green Sheets.
		Pedestrian Signal Heads	02925.65		Q,E,BG		F,BG	"Q" is from manufacturer. Follow instructions in the Blue/Green Sheets.
		Pedestrian Push Buttons and Mounts	02925.66		Q,E,BG		F,BG	"Q" is from manufacturer. Follow instructions in the Blue/Green Sheets.
		Coating – Signal Heads	02925.67(a)		Q,E,BG		F,BG	"Q" is from manufacturer. Coat as required. Follow instructions in the Blue/Green Sheets.
		Signal Head Covers	02925.68		Q,E,BG		F,BG	"Q" is from manufacturer. Follow instructions in the Blue/Green Sheets.
01030	Seeding	Seed	01030.13		T,Q		F	"T" is for all testing listed under section 01030.13. "Q" is information on label (May be documented separately with a verifiable lot #).
		Fertilizers	01030.14		Q		F	"Q" is label on container. Field will include information on FIR.
		Soil Conditioners, Amendments, and Bio-Amendments	01030.12 01040.15 01040.16 01040.17 03020		T,Q,P/R		F	Mushroom compost and peat moss soil conditioners must be submitted to PM for approval. "T" & "P/R" are for commercially manufactured compost only. See acceptance criteria in 03020.90.
		Hydromulch	01030.15(a)				F,QPL	
		Straw Mulch	01030.15(b)		T,Q		F	Submit "Q" or "T" in accordance with 01030.15(b).
		Compost Mulch	01030.15(c) 03020		T,Q,P/R		F	T & "P/R" are for commercially manufactured compost only. See acceptance criteria in 03020.90.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		Tackifier	01030.16		Q		F	
		Pesticides	01030.17 01030.30(b)		Q,P		F	"Q" is manufacturer's federal registered label, and MSDS (if requested). Must recieve approval prior to use. "P" is for pesticide applicator.
		Selected Topsoil	01030.11 01040.14(a)		Q		F	"Q" confirms weed free. Submit 20 lb sample to PM.
		Imported Topsoil	01030.11 01040.14(b)		Q	L	F	"L" is from ODOT Salem Materials Lab. "Q" confirms weed free. Submit 20 lb sample to PM.
		Wetland Topsoil	01030.11 01040.14(c)		Q		F	"Q" confirms weed free. Submit 20 lb sample to PM.
		Seeding Establishment Period	01030.60				F	"F" documents that minimum ground coverage is achieved at end of establishment period.
01040	Planting	Plants	01040.19		Q		F	"Q" is State inspection certificate and shipping certificate for each load or lot of plant material according to 01040.19(c). "Q" for Sod Lawn can be from turf farm indicating compliance with 01040.19(h)(17).
		Soil Conditioners, Amendments, and Bio-Amendments	01040.15 01040.16 01040.17 03020		T,Q,P/R		F	Mushroom compost and peat moss soil conditioners must be submitted to PM for approval. "T" & "P/R" are for commercially manufactured compost only. See acceptance criteria in 03020.90.
		Fertilizers	01030.14 01040.18		Q		F	"Q" is label on container. Field will include information on FIR.
		Herbicides	01040.21		Q		F	
		Mulch: - Bark - Cinder - Rock - Wood Chip	01040.20		Q		F	
		Straw Mulch	01030.15(b) 01040.20(c)		T,Q		F	
		Compost Mulch	01040.20(f) 03020		T,Q,P/R		F	T & "P/R" are for commercially manufactured compost only. See acceptance criteria in 03020.90.
		Selected Topsoil	01040.14(a)		Q		F	"Q" confirms weed free. Submit 20 lb sample to PM.
		Imported Topsoil	01040.14(b)		Q	L	F	"L" is from ODOT Salem Materials Lab. "Q" confirms weed free. Submit 20 lb sample to PM.
		Wetland Topsoil	01040.14(c)		Q		F	"Q" confirms weed free. Submit 20 lb sample to PM.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		Water - Moisture Retention Chemicals	01040.22(c)				F,QPL	
		Plant Establishment Period	01040.70-79				F	"F" documents the condition of the plants at each inspection.
01050	Fences	Reinforcement	See 00530 in this Guide.					
		Barbed Wire	03010.10		Q,O		F	"Q" is from manufacturer and galvanizer
		Chain Link Fabric, Ties, and Tension Wire	03010.30		Q,O		F	
		Fence Gates and Hardware	03010.60		Q,O		F	"Q" is from manufacturer and galvanizer
		Metal Fence Posts, Braces, and Appurtenances	03010.50		Q,O		F	
		Wood Fence Posts and Braces	00570.40 02110.30 02190		T,Q		F,QPL	"T" is for preservative treatment. "QPL" is for field preservative treatment.
		Guardrail Elements	See 00810 in this Guide.					
		Pickets	03010.31		Q,O		F	
		Protective Fence Materials	03010.75		T,Q,O		F,QPL	"T" is for steel plates, angles, and bolts. "Q" is for Chain Link Fabric, Ties, Tension Wire, Posts, and Pickets. "QPL" is for Resin Bonded Anchor System.
		Vinyl Clad Fabric	03010.40		Q,O		F	
		Woven Wire	03010.20		Q,O		F	"Q" is from manufacturer and galvanizer.
01070	Mailbox Supports	Reinforcement	See 00530 in this Guide.					
		Tube Support Frame	01070.12		Q,O		F,QPL	"Q" is from manufacturer and galvanizer if not listed in the QPL.
		Mounting Brackets and Hardware	01070.13		Q,O		F,QPL	"Q" is from manufacturer and galvanizer if not listed in the QPL.
		Post Mounting Socket	01070.14		O		F,QPL	
01090	Gravel Beds and Blankets	Soil Sterilant	01090.10				F,QPL	
		Weed Control Geotextile	01090.11				F,QPL	
01120	Irrigation Systems	Materials List, as Built Plans	01120.10 01120.70		E			
		Galvanized Pipe and Fittings	01120.11(a)		Q,O		F	"Q" is from manufacturer and galvanizer.

SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION	ACCEPTANCE DOCUMENTS				REMARKS
				FURNISHED BY CONTRACTOR TO		BY MATERIALS LAB	BY FIELD	
				LAB	PM			
		PVC Pipe and Fittings	01120.11(b) 01120.11(c)		Q		F	"Q" is markings on pipe. Field will include manufacturer's name, size, and the ASTM designation on FIR.
		Polyethylene Pipe	01120.11(d)		Q		F	"Q" is markings on pipe. Field will include manufacturer's name, size, and the ASTM designation on FIR.
		Other Materials	01120.12-21		Q,O		F	"Q" is from manufacturer.
01140	Potable Water Pipe and Fittings	Bolted, Sleeve-Type Couplings for Plain End Pipe	02475.60		Q,O		F	
		Ductile Iron Pipe and Fittings	02470.20 02475.20		Q,O		F	"Q" is markings on pipe. Field will include manufacturer's name, size, and the AWWA designation on FIR.
		Polyethylene Encasement	02470.50		Q		F	
		PVC Pipe and Fittings	02470.40 02470.45 02475.40 02475.45		Q		F	"Q" is markings on pipe. Field will include manufacturer's name, size, and the ASTM or AWWA designation on FIR.
		Steel Pipe and Fittings	02470.30 02470.35 02475.30 02475.35		Q,O		F	"Q" is markings on pipe. Field will include manufacturer's name, size, and the ASTM or AWWA designation on FIR.
		Restrained Joints	02475.50		Q		F	Restraint systems provided for pipe bells shall be certified by the pipe manufacturer.
		Carbon Steel Tie Rods	02485.60 02560.30 02560.40		T,Q,O		F	"T" is from the manufacturer. "Q" is from the galvanizer.
		Reinforcement	See 00530 in this Guide.					
01150	Potable Water Valves	Valves, Power-Actuating Devices, and Backflow Prevention Devices	02480.10-70		Q,O		F	All materials shall conform to ANSI/NSF Standard 61 Drinking Water System Components or equivalent.
01160	Hydrants and Appurtenances	Auxiliary Gate Valves	02480.20		Q		F	
		Hydrants, End Connections, Extensions, and Traffic Flange	02485.10 02485.20 02485.30 02485.40 02485.50		Q,O		F	
		Carbon Steel Tie Rods	02485.60 02560.30 02560.40		T,Q,O		F	"T" is from the manufacturer. "Q" is from the galvanizer.
		Valve Boxes and Extensions	02480.25 02480.26		O		F	
01170	Potable Water Service Connections, 2 Inch and Smaller	Potable Water Service Connection Materials	02490.10-80		Q,O		F	All materials shall conform to ANSI/NSF Standard 61 Drinking Water System Components or equivalent.

INSERT TAB

5. QPL

OREGON DEPARTMENT OF TRANSPORTATION
CONSTRUCTION SECTION

QUALIFIED PRODUCTS LIST

PUBLISHING DATE: JULY 2015

This list is published every six months and is available only from the Internet.
Please notify the Product Evaluation Coordinator, in the Construction Section at the ODOT Materials Laboratory, of any changes in Standard Drawings, Special Provisions, or Specifications, etc., which would require additions to, deletions from, or changes to this listing.

QUALIFIED PRODUCTS LIST
OREGON DEPARTMENT OF TRANSPORTATION

The **"QUALIFIED PRODUCTS LIST"** (QPL) is a comprehensive list of all finished products which have been evaluated and/or used by the Oregon DOT.

The "QUALIFIED PRODUCTS LIST" is made up of two types of lists:

1. The **QUALIFIED LIST - "Q"** is for products that have been reviewed and found to be suitable for use in a specific category. Job control testing may still be necessary. Consult the ODOT Nonfield-Tested Materials Acceptance Guide", the "ODOT Field-Tested Materials Acceptance Guide", and the Project Specifications.

2. The **APPROVED LIST - "A"** is for commercially available products having a low consequence of failure. These products are only usable for appropriate applications. May Require a Field Inspection Report. State existence on the Approved List and recognition of the product. No additional sampling or testing is needed.

Specific questions regarding products on the un-published **CONDITIONAL LIST** can be answered by calling **503/986-3059.**

"Conditionally Approved" products need specific, prior approval for each project. Approval is given for one project at a time.

The use of all products is restricted to the category in which they are listed. Products should be used and installed as the manufacturer recommends. The QPL does not distinguish between domestic and foreign steel. Use of this list by **ODOT Maintenance** Personnel as an *information resource* is encouraged not required.

Note: *Any change to a product on the QPL, without prior approval, will be cause for rejection of the product.*

Description	Page #
Index by Category, for Spec #	I-II
Traffic Control Devices	III
Erosion Control Devices	IV - V
Pavement Markings	VI - VII
Qualified & Approved List by Spec Number	1 – 204
Reinforcing Steel	A1-A9

The "QPL" and submittal forms are accessible from the Internet:

http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/

Although the products listed may be approved for use, they are not exempt from State Purchasing Rules, practices and guidelines, or manufacturer's warrantees or guarantees.

If you have questions, contact:

Oregon Department of Transportation
800 Airport Rd SE, Salem, OR 97301-4798
Dean Chess, Phone: 503/986-3059
E-Mail: dean.m.chess@odot.state.or.us

FAX: 503/986-3096

Oregon Department of Transportation

OREGON DEPARTMENT OF TRANSPORTATION

"QPL" INDEX BY CATEGORY TO GET SPECIFICATION NUMBERS

CATEGORY	SPEC #
ANTI-GRAFFITI COATING - SIGNS	02910.70
ASPHALT COLD PATCH - HI PERF	00745.00
ASPHALT RELEASE AGENT	00745.22
AUTOMATED FLAGGER ASSIST. DEVICE	00225.18
BACKER ROD	02440.14
BARRICADE, TEMPORARY	00225.12
BARRIER PANELS, REFLECTIVE	00225.12
BARRIER, CABLE	00811.00
BEARINGS, BRIDGE	00582.10
BIRD SPIKES	00907.10
BONDING AGENT, EPOXY	02070.10
BONDING AGENT, NON-EPOXY	02070.20
CEMENT, PORTLAND	02010.10
CHEMICAL ADMIXTURES	02040.10
CHLORIDE REMOVER	00594.13
COATING FOR REBAR SPLICES	02510.11
COATING, FOR REBAR, EPOXY	02510.11
COMPOST	01040.15
CONCRETE ANCHOR, MECHANICAL	00535.10
CONCRETE ANCHOR, RESIN	00535.10
CONCRETE BARRIER GATE	00820.00
CONCRETE MODIFER - BLENDED	02030.60

CATEGORY	SPEC #
CONCRETE MODIFIER - FLY ASH	02030.10
CONCRETE MODIFIER - GGBF SLAG	02030.40
CONCRETE MODIFIER - LATEX	02030.30
CONCRETE MODIFIER - METAKAOLIN	02030.50
CONCRETE MODIFIER - SILICA FUME	02030.20
CONCRETE SURFACE RETARDER	02055.10
CONCRETE SEALER - WATER REPELLENT	02060.30
CRACK INJECTION, EPOXY	00538.10
CONCRETE & CRACK SEALER HIGH MODULUS	02060.20
CONCRETE & CRACK SEALER LOW MODULUS	02060.10
CURING BLANKET, CONCRETE	02050.30
CURING COMPOUND, CONCRETE	02050.10
DAMP PROOFING, CLEAR	00597.11
DELINEATORS - (TYPES 1 to 6)	00840.10
DETECTABLE WARNING DEVICES	00759.12
DRAINS, TRENCH (PREFORMED)	00446.00
ELASTOMERIC CONCRETE	00584.10
ELECTRONIC CUTTABLE FILM	02910.60
EROSION CONTROL	00280.00
EXPANSION JOINTS, BRIDGE	00585.10
FENCING, WORKZONE	00225.12
FLAGGER STATION LIGHTING	00225.17

CATEGORY	SPEC #
FLAGGER STOP/SLOW PADDLE	00225.27
FORM TIE, NON-METALLIC	00540.45
FRP BRIDGE STRENGTHENING	00565.00
GALVANIZING, REPAIR	02530.71
GEOGRIDS - SUBGRADE REINFORCEMENT	02320.10
GEOGRIDS - TYPE I MSEW	02320.10
GLARESCREEN TEMPORARY	00225.12
GLARE SHIELDS	00822.00
GROUT, EPOXY	02080.10
GROUT, KEYWAY	02080.30
GROUT, NON-EPOXY (NON SHRINK)	02080.20
GROUT, TENDON	02080.50
GUARDRAIL BLOCKS, PLASTIC	02110.20
GUARDRAIL TERMINALS	02820.00
HERBICIDES, PRE-EMERGENT	01040.21
HIGHWAY EDGE DRAINS	02410.00
IMPACT ATTENUATOR, PERM.	00830.00
IMPACT ATTENUATOR, TEMP.	00225.12
IMPACT ATTENUATOR, TRUCK MTD	00225.12
JOINT FILLER, PREFORMED	02440.10
LATEX EMULSION PAINT	02210.30
LOOP SEALANTS, TRAFFIC	00990.43

OREGON DEPARTMENT OF TRANSPORTATION

"QPL" INDEX BY CATEGORY TO GET SPECIFICATION NUMBERS

CATEGORY	SPEC#
LUBRICANTS FOR FASTENERS	02560.70
LUBRICANTS FOR GALV FASTENERS	02560.70
LUBRICANTS FOR STAINLESS FASTENERS	02560.70
MAILBOX SUPPORTS	01070.00
MANHOLE RISER RINGS	00470.00
MANHOLE STEPS	02450.30
MARKERS, TUBULAR AND CONICAL	00225.13
MARKERS, TUBULAR, SURF. MTD, PERM.	00856.10
MARKERS, TUBULAR, SURF. MTD, TEMP.	00225.13
MARKINGS, LONGITUDINAL - DURABLE	00865.00
MARKINGS, LONGITUDINAL - HIGH PERF	00866.00
MARKINGS, LONGITUDINAL - PAINT	00860.00
MARKINGS, TRANSVERSE	00867.00
MEMBRANE, SPRAY WATERPROOFING	00591.00
MOISTURE RETENTION CHEM FOR SOIL	01040.22
MULTI - LAYER POLY. CONCRETE OVERLAY	00556.10
MPCO AGGREGATE	00556.20
OVERHEIGHT VEHICLE WARNING	00225.16
PAVEMENT MARKER ADHESIVE	00855.00
PCC REPAIR	02015.20
PCC REPAIR HIGH PERFORMANCE	02015.40
PCC REPAIR POLYMER MODIFIED	02015.30

CATEGORY	SPEC#
PCMS / PVMS - CHNGABLE MESSAGE SIGN	00225.16
PEDESTRIAN CHANNELIZING DEVICE	00225.12H
PERFORATED STEEL SQ TUBE - ANCHORS	00930.00
PERFORATED STEEL SQ TUBE - SLIP BASE	00930.00
PERFORATED STEEL SQ TUBE - SUPPORTS	00930.00
PILE TIPS	00520.00
PIPE - POLYETHYLENE	02410.60
PIPE - POLYPROPYLENE	02410.75
PIPE - PVC	02410.70
PIPE, MASTIC	00445.12
PIPE, POLYMER COATINGS FOR METAL PIPE	02420.20
PLASTIC DRUMS, TEMPORARY	00225.13
POROUS PAVER	00760.00
POURED JOINT FILLER, HOT	02440.30
POURED SEALANT, SILICONE (2 PART)	02440.11
PTMS - VENDOR	00225.16C
PEDESTRIAN CHANNELIZING DEVICE	00225.12H
RADAR SPEED TRAILER	00225.18
REBAR MANUFACTURERS	00530.00
REBAR SPLICE, MECHANICAL	00530.42
REFLECTIVE ELEMENTS FOR MARKINGS	00850.00
RENFORCEMENT, HEADED BAR	02510.25

CATEGORY	SPEC#
ROCK BOLTS	00398.00
SEQUENTIAL ARROW SIGN	00225.16
SIGN COVERS, TEMPORARY	00225.11
SIGN POST, WOOD	02110.40
SIGN SHEETING TYPE O4, WORKZONE RIGID	00225.11
SIGN SHEETING, TYPES I - X	02910.20
SIGN SHEETING, WORKZONE ROLL-UP	00225.11
SIGN SUPPORTS, PORTABLE	00225.11
SOIL BIO AMENDMENT	01040.17
SOIL STERILIZATION	01040.21
STORMWATER CONTROL FACILITIES	01010.03
STRUCTURAL STEEL CAULKING	00594.12
STRUCTURAL STEEL COATINGS	00594.11
SYNTHETIC FIBER, MACRO, MICRO, BLENDED	02045.00
SYNTHETIC SLURRY	00512.14
TAPE, NON-REFLECTIVE	00225.13
TAPE, TEMPORARY	00225.13
TIMBER COATING	02210.20
TRAFFIC SIGNAL, PORTABLE	00225.15
TRANSVERSE RUMBLE STRIPS, TEMPORARY	00225.13I

Traffic Control Devices Notice (7-2015)

The American Association of Stale Highway and Transportation Officials (AASHTO) recently published the *Manual for Assessing Safety Hardware* (MASH). MASH is an update to and supersedes NCHRP Report 350**.**

Requirements in Section 1408 of SAFETEA-LU stated that "The Secretary, in cooperation with the Association [i.e., AASHTO], shall publish updated guidance regarding the conditions under which States, when choosing to improve or replace highway features on the NHS, should improve or replace such features ... ". The AASHTO/FHWA Implementation Plan was developed to satisfy that requirement.

Category 1: Plastic Tubular Markers, Plastic Barrels. ODOT Link for Self Certification form: **Click Here**

Category 2: Portable Sign Supports, Tripod Mounted AFAD's, Type 3 Barricades, etc.

Category 3: Impact Attenuators, Guardrail, etc.

Category 4: Trailer Mounted Sequential Arrows, Trailer Mounted Message Boards,

Trailer Mounted AFAD's, Trailer Mounted Flagger Station Lighting etc.

It is the responsibility of the Contractor to ensure they use a product that complies with the appropriate requirements.

FHWA Safety Websites:

Work Zone Devices: http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/wzd/

Traffic Barriers, Barrier Terminals, Crash Cushions, and Bridge Railings:
http://safety.fhwa.dot.gov/roadway%5Fdept/policy_guide/road_hardware/barriers/term_cush.cfm

NCHRP Report 350: http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/nchrp_350/

MASH: http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/ctrmeasures/mash/

Self Certification Category: http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/nchrp_350/catg1.cfm

FHWA Work zone Letter WZ-161:
http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/listing.cfm?code=workzone

Erosion Control

Category	Remarks	Section
Check Dam	Type 1 – Aggregate …….....	00280.15a
	Type 2 – Straw Bale	
	Type 3 – Biofilter Bag	
	Type 4 – Sand Bag	
	Type 5 – Prefabricated Check Dam System	
	Type 6 – Compost Filter Sock	
Chemical Dust Control	Type 1 – Liquid ……	00280.14c
	Type 2 – Dry	
Drainage Curb……		00280.15c
Flow Spreader ……		00280.15e
Inlet Protection	Type 1 – Sediment Fence …….....	00280.16d
	Type 2 – Geotextile w/Aggregate Filter	
	Type 3 – Prefabricated Filter Insert (Standard and Oil/Gas Versions)	
	Type 4 – Biofilter Bag	
	Type 5 – Masonry and Aggregate	
	Type 6 – Sod	
	Type 7 – Compost Filter Sock	
	Type 8 - Other	
Matting** – Slope		
	Type A - Slopes 1:3 or flatter - Clay Soil ……	00280.14e
	Type B - Slopes 1:3 or flatter - Sandy Soil	
	Type C - Slopes steeper than 1:3 - Clay Soil	
	Type D - Slopes steeper than 1:3 - Sandy Soil	
Matting** – Flexible Channel Liner		
	Type E - Shear Stress Range 0 – 96 Pascals (0 –2 lbs/sq ft) …….	00280.14e
	Type F - Shear Stress Range 0 – 192 Pascals (0 –4 lbs/sq ft)	
	Type G - Shear Stress Range 0 – 287 Pascals (0 –6 lbs/sq ft)	
	Type H - Shear Stress Range 0 – 383 Pascals (0 –8 lbs/sq ft)	

**Texas DOT Website for use with Mattings:
http://www.txdot.gov/inside-txdot/division/maintenance/erosion-control.html

Erosion Control

Category	Remarks	Section
Mulches, Temporary		00280.14d
Outlet Protection	Type 1 – In Channel	00280.00
	Type 2 – End of Pipe	
	Type 3 – Flocculent	
Plastic Sheeting		00280.14a
Sediment Barrier, Temporary	Type 1 – Straw Bale	00280.16e
	Type 2 – BioFilter Bag	
	Type 3 – Fiber Rolls (Wattles)	
	Type 4 – Sand Bags	
	Type 5 – Brush Barriers	
	Type 6 – Filter Berm	
	Type 7 – Pre-Fabricated Sediment Barrier	
	Type 8 – Compost Filter Sock	
	Type 9 – Compost Filter Berm	
Sediment Fence	Supported	00280.16c
	Unsupported	
Sediment Mat		00280.16f
Slope Drain, Temporary		00280.15d
Slope Protection	Type 1 – Soft Armoring	00390.00
	Type 2 – Cellular Confinement	
	Type 3 – Other	

Pavement Markings (1 of 2)

(1-15)

Longitudinal Durable Pavement MarkingsSection 00865.00

Category	Applications	Material
Method (A) Extruded	(S) Surface (P) Profile, 120 Mils w/ ½" bumps (G) Grooved (NP) Non-Profile	(1) Methyl Methacrylate (MMA) (2) Thermoplastic

Category	Applications	Material
Method (B) Sprayed	(S) Surface (P) Profile, 120 Mils w/ ½" bumps (G) Grooved (NP) Non-Profile	(1) Methyl Methacrylate (MMA) (2) Thermoplastic

Category	Applications
Method (C) Tape	Pavement Marking Tape – Rolled-In Non-Patterned Pavement Marking Tape – Rolled-In Patterned Pavement Marking Tape – Grooved Non-Patterned Pavement Marking Tape – Grooved Patterned Pavement Marking Tape – Rolled-In Patterned Wet Weather Pavement Marking Tape – Grooved Patterned Wet Weather

Category	Applications	Material
Method (D) Wet Weather	(S) Surface (P) Profile, 120 Mils w/ ½" bumps (G) Grooved (NP) Non-Profile	(1) Methyl Methacrylate (MMA) (2) Thermoplastic

Pavement Markings (2 of 2)

Longitudinal High Performance Pavement Markings 00866.00

Category	Applications	Material
Method 1 - Spray	(S) Surface (G) Grooved	Modified Urethane, 25 Mil, Spray Polyurea, 20 Mil, Spray Hi Build Paint, 25 Mil, Spray

	Applications	Material
Method 2 – Extruded	(S) Surface (G) Grooved	

Transverse Durable Pavement Markings 00867.00

Category	Applications & Material
Type A	Liquid Hot Poured Thermoplastic with intermixed and top-dressed beads, 120 Mils
Type B	Preformed Fused Thermoplastic with intermixed beads, 125 Mils
Type B-HS	Preformed Fused Thermoplastic with intermixed beads, 125 Mils (HS= Hi Skid Resistance)

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.11	SIGN COVERS POLYPROPYLENE	SIGNSOCKS	SIGN SOCKS INC. 888/765-4769 TODD PETREY 541/297-8655	02/10/00	1966	A	COVERS SIGN COMPLETELY NOT APPROVED FOR PERMANENT APPLICATIONS.
00225.11	SIGN COVERS RIDGE COVER	SIGN SHIELD	SIGN SHIELDS 503/704-1762	06/11/13	4658	A	COVERS SIGN COMPLETELY NOT APPROVED FOR PERMANENT APPLICATIONS.
00225.11	SIGN SHEETING - TYPE 04 RIGID - WORKZONE	ORALITE HI PRISMATIC SERIES 5930 CONSTRUCTION WORK ZONE	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	04/01/13	4548	A	WAS NAMED REFLEXITE
00225.11	SIGN SHEETING - TYPE 04 RIGID - WORKZONE ODOT TYPE 04 FLUORSECENT ORANGE	AVERY DENNISON W-7514 ASTM D4956 TYPE VIII	AVERY DENNISON 800/327-5917	02/10/05	2855	A	THIS TYPE OF SHEETING IS REQUIRED IN WORKZONES FOR PROJECTS BID AFTER 1/1/2006. IT IS ON WSDOT QPL.
00225.11	SIGN SHEETING - TYPE 04 RIGID - WORKZONE ODOT TYPE O4 FLUORESCENT ORANGE	3-M SERIES 3924S ASTM D4956 TYPE VII & X	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	11/09/06	3236	A	THIS TYPE OF SHEETING IS REQUIRED IN WORKZONES FOR PROJECTS BID AFTER 1/1/2006. IT MEETS OUR SPECS FOR WZ.
00225.11	SIGN SHEETING - TYPE 04 RIGID - WORKZONE ODOT TYPE O4 FLUORESCENT ORANGE	3-M SERIES 3954 ASTM D4956 TYPE IX	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	12/09/04	2856	A	THIS TYPE OF SHEETING IS REQUIRED IN WORKZONES FOR PROJECTS BID AFTER 1/1/2006. IT IS ON WSDOT QPL.
00225.11	SIGN SHEETING - TYPE 04 RIGID -WORKZONE ODOT TYPE 04	OMNICUBE T-11500 SERIES ASTM TYPE XI	AVERY DENNISION 240/925-6891	07/27/12	4502	A	WHITE, FLUO YELLOW FLUO YELLOW GREEN FOR USE IF ALLOWED. FLUO ORANGE IS ODOT STANDARD
00225.11	SIGN SHEETING - TYPE 04 RIGID -WORKZONE ODOT TYPE 04 FLUORSECENT ORANGE	OMNICUBE W-11514 FLUO ORANGE ASTM TYPE XI	AVERY DENNISON 240/925-6891	07/27/12	4501	A	
00225.11	SIGN SHEETING, ROLL-UP FOR ROLL-UP SIGNS	REFLEXITE FLUORESCENT PINK SUPERBRITE	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	06/11/09	3736	A	FOR INCIDENT RESPONSE CREWS ONLY. WAS NAMED REFLEXITE

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.11	SIGN SHEETING, ROLL-UP FOR ROLL-UP SIGNS FLUORESCENT ORANGE	3-M RS24 ROLLUP SHEETING	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	11/16/00	1705	A	HELD UP WELL IN OUR TESTS. WAS VERY VISIBLE IN POOR LIGHT CONDITIONS. HANDLE CAREFULLY.
00225.11	SIGN SHEETING, ROLL-UP FOR ROLL-UP SIGNS FLUORESCENT ORANGE	REFLEXITE - MARATHON	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	11/16/00	1821	A	HELD UP WELL IN OUR TESTS. WAS VERY VISIBLE IN POOR LIGHT CONDITIONS. HANDLE CAREFULLY. WAS NAMED REFLEXITE
00225.11	SIGN SHEETING, ROLL-UP FOR ROLL-UP SIGNS FLUORESCENT PINK	3-M RS33 ROLLUP SHEETING	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	11/10/05	2950	A	ODOT INCIDENCE MANANGEMENT ONLY.
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	COMPACT FLEXING STAND C-102	EASTERN METALS 800/872-7446 ZUMAR INDUSTRIES 800/426-7967	12/13/01	2183	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS ONLY. TESTED AT 18" ABOVE THE GROUND
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	COMPACT FLEXING STAND C-202	EASTERN METALS 800/872-7446 ZUMAR INDUSTRIES 800/426-7967	12/13/01	2182	A	PASSED NCHRP 350 CAT 2 TESTING ROLL-UP SIGNS ONLY. 18" A.G. SAME AS C-942, BUT HAS GALV STEEL FRAME W/FIBERGLASS SPRNG
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	DL-1003W	PACIFIC SAFETY SUPPLY 800-333-5641 MIKE BURKE 206/818-9277	04/10/03	2794	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS. MEETS OUR SPECS. TESTED AT 14" ABOVE THE GROUND
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	INTERSTATE SIGN STAND X-551	EASTERN METALS 800/872-7446 ZUMAR INDUSTRIES 800/426-7967 FORESS SIGN CO 541/928-5858	12/13/01	1817	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS ONLY. BASE IS MODEL X-550 AND ROLLUP SIGN OPTION IS X-551. 18" ABOVE GRN
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	LITTLE BUSTER	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	12/13/01	2251	A	TESTED AT 12" ABOVE PAVEMENT MET NCHRP 350 CAT 2
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	PS-3000S	PACIFIC SAFETY SUPPLY 800-333-5641 MIKE BURKE 206/818-9277	03/14/02	2219	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS. MEETS OUR SPECS TESTED AT 18.5" ABOVE GROUND

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	PS-3330S	PACIFIC SAFETY SUPPLY 800-333-5641 MIKE BURKE 206/818-9277	03/14/02	2220	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS. MEETS OUR SPECS TESTED AT 18.5" ABOVE GROUND
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	SIGN-UP MS-2000X/I MINI STAND	SIGN-UP CORPORATION 800/659-6466	02/08/01	2285	A	TESTED AT 25" TO BOTTOM OF SIGN. MET NCHRP 350 CAT 2
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	SIGN-UP X-CELL SIGN STAND	SIGN-UP CORPORATION 800/659-6466	06/08/00	2286	A	MFG SHOWED CRASHWORTHINESS AND WIND STABILITY. TESTED AT 18" TO BOTTOM OF SIGN.
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	TRAFFIX DEVICES SINGLE SPRING MODEL #22000 SPUH	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	03/14/02	2528	A	CRASH TESTED, AND MET OUR OTHER SPECS. TESTED AT 18" ABOVE THE GROUND
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	TRAFFIX STAND	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	12/12/01	2311	A	TESTED AT 12" ABOVE THE PAVEMENT SURFACE. MET NCHRP 350 CAT 2
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	UF 2000	PACIFIC SAFETY SUPPLY 800-333-5641 MIKE BURKE 206/818-9277	04/10/03	2795	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS. MEETS OUR SPECS. TESTED AT 12" ABOVE THE GROUND
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	WINDMASTER MODEL 4884KET	MDI 800/521-6776 DAVID HILLSTROM 248/553-1900 LANNIE HYDE 916/645-8686	03/23/15	4860	A	
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	WINDMASTER MODEL 5012SSAL PT	MDI 800/521-6776 DAVID HILLSTROM 248/553-1900 LANNIE HYDE 916/645-8686	03/23/15	4859	A	
00225.11B5	WORK ZONE TRAFFIC CONTROL	SQUARE TUBE SIGN SUPPORTS TEMPORARY		07/30/12		A	SEE SECTION 00930.00

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.12	BARRICADE, TEMP - TYPE 1	A-CADE MODEL # 100	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	05/11/00	2270	A	TYPE I BARRICADE. FHWA OK. REQUIRES 6# SAND BALLAST.
00225.12	BARRICADE, TEMP - TYPE 1	COMBOCADE TYPE I BARRICADE	PLASTICADE 800/772-0355	07/27/12	4496	A	
00225.12	BARRICADE, TEMP - TYPE 1	ECON PLASTIC FOLDING BARRICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	02/04/02	1506	A	MFG TESTED TO NCHRP 350.
00225.12	BARRICADE, TEMP - TYPE 1	ECONOCADE TYPE I BARRICADE	PLASTICADE 800/772-0355	07/27/12	4497	A	
00225.12	BARRICADE, TEMP - TYPE 1	HI IMPACT PLASTIC FOLDING BARR	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	09/11/03	2308	A	SAND FILLED BASE.
00225.12	BARRICADE, TEMP - TYPE 1	METAL LEG FOLDING BARRICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	09/11/03	2309	A	
00225.12	BARRICADE, TEMP - TYPE 1	TD2100 MODEL# 210127 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757 PUBLIC WORKS SUPPLY GREG MCDONALD 503/678-2981	12/09/04	2682	A	ALL PLASTIC. HAS AASHTO TYPE III SHEETING.
00225.12	BARRICADE, TEMP - TYPE 1	TD2150-215153 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3212	A	PLASTIC. HAS AASHTO TYPE III SHEETING.
00225.12	BARRICADE, TEMP - TYPE 1	TD2300 MODEL# 250231 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757 PUBLIC WORKS SUPPLY GREG MCDONALD 503/678-2981	12/09/04	2684	A	WOOD PANELS WITH 14 GA GALV LEGS. HAS AASHTO TYPE III SHEETING.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.12	BARRICADE, TEMP - TYPE 1	TYPE I ROADMARKER BARRICADE	Myers&Son Hi-Way Safety, Inc. Highway Safety Products Luke de Leon 714/348-7289	12/18/12	4573	A	
00225.12	BARRICADE, TEMP - TYPE 1	UNIVERSAL PLASTIC BARRICADE I	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	11/10/05	2169	A	MEETS NCHRP 350 CAT 2.
00225.12	BARRICADE, TEMP - TYPE 1	WAFFLE BOARD PLASTIC PANEL BW1 MODEL# "BW1"	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	11/10/05	2171	A	MEETS NCHRP 350 CAT 2
00225.12	BARRICADE, TEMP - TYPE 1	WOOD & METAL LEG BARRICADE BP1 MODEL# "BP1"	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	11/10/05	2170	A	MEETS NCHRP 350 CAT 2.
00225.12	BARRICADE, TEMP - TYPE 2	COMBOCADE TYPE II BARRICADE	PLASTICADE 800/772-0355	07/27/12	4496	A	
00225.12	BARRICADE, TEMP - TYPE 2	ECON PLASTIC FOLDING BARRICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	02/04/02	1506	A	MFG TESTED TO NCHRP 350.
00225.12	BARRICADE, TEMP - TYPE 2	ECONOCADE TYPE II BARRICADE	PLASTICADE 800/772-0355	07/27/12	4497	A	
00225.12	BARRICADE, TEMP - TYPE 2	HI IMPACT PLASTIC FOLDING BARR	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	09/11/03	2308	A	SAND FILLED BASE.
00225.12	BARRICADE, TEMP - TYPE 2	METAL LEG FOLDING BARRICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	09/11/03	2309	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.12	BARRICADE, TEMP - TYPE 2	SAFETYCADE	WLI INDUSTRIES TOM BOYCE 708/932-4600	01/11/96	1423	A	COLLAPSIBLE LOCKING PLASTIC BARRICADE SYSTEM. 2 TYPES: - TAPER AND TRANSITION - TANGENT (NCHRP 350-OK)
00225.12	BARRICADE, TEMP - TYPE 2	TD2150-215213 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	05/11/06	3279	A	ALL PLASTIC WITH AASHTO TYPE III SHEETING.
00225.12	BARRICADE, TEMP - TYPE 2	TD2300 MODEL# 250439 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757 PUBLIC WORKS SUPPLY GREG MCDONALD 503/678-2981	12/09/04	2684	A	WOOD PANELS WITH 14 GA GALV LEGS. HAS AASHTO TYPE III SHEETING.
00225.12	BARRICADE, TEMP - TYPE 2	Type II ROADMARKER BARRICADE	Myers&Son Hi-Way Safety, Inc. Highway Safety Products Luke de Leon 714/348-7289	12/18/12	4578	A	
00225.12	BARRICADE, TEMP - TYPE 2	UNIVERSAL PLASTIC BARRICADE II	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	03/09/00	2169	A	MEETS NCHRP 350 CAT 2. 37" HIGH, 24" WIDE, AND 25 POUNDS.
00225.12	BARRICADE, TEMP - TYPE 2	WAFFLE BOARD PLASTIC PANEL BW2 MODEL# "BW2"	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	07/13/00	2171	A	APPROVED BY FHWA TO NCHRP 350 CAT 2.
00225.12	BARRICADE, TEMP - TYPE 2	WOOD & METAL LEG BARRICADE BP2 MODEL# "BP2"	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	03/09/00	2170	A	MEETS NCHRP 350 CAT 2. 37" HIGH, 24" & 36" WIDE, 16 & 30 POUNDS. HAS PLYWOOD BOARDS WITH METAL LEGS.
00225.12	BARRICADE, TEMP - TYPE 3	BENT TYPE III BARRICADE MODEL# BP3	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	11/10/99	2007	A	NCHRP 350 CAT 2 APPROVED. STEEL UPRIGHTS W/WOOD PANELS. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	DAVIDSON T3B BARRICADE	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	07/13/00	2303	A	PLASTIC PANELS & UPRIGHTS, AND STEEL FEET. NO SIGNS AND/OR LIGHTS.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.12	BARRICADE, TEMP - TYPE 3	EZ-UP TYPE III BARRICADE	CANTEL OF MEDFORD 541/773-2765	05/11/00	2241	A	SIMILAR TO BENT TYPE III UNIT. OK BY FHWA. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	PLASTICADE POWER POST	PLASTICADE 800/772-0355	07/10/14	4801	A	NO SIGNS OR LIGHTS
00225.12	BARRICADE, TEMP - TYPE 3	SENTINEL TYPE III 2604-HIP-KIT & 2606-HIP-KIT	PLASTICADE PROD. 800/772-0355 KEVIN HARLEY 520/247-5433	07/09/09	3427	A	2604 = 4'WIDE & 2606 = 6'WIDE. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2400-290455 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	04/13/06	3288	A	PLASTIC PANELS, RAILS, AND UPRIGHTS. ANGLE STEEL BASE. AASHTO TYPE III SHEETING. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2400-291158A WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	05/11/06	2685	A	PLASTIC RAILS, PANELS, AND UPRIGHTS. ANGLE STEEL BASE. HAS AASHTO TYPE III SHEETING. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2500-270465 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3213	A	PLYWOOD BOARDS WITH ANGLE STEEL UPRIGHTS AND FRAME. HAS AASHTO TYPE III SHEETING. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2650-280338 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3214	A	PLASTIC BOARDS WITH TUBULAR STEEL UPRIGHTS AND FRAME. HAS AASHTO TYPE III SHEETING. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP-TYPE 3	PLASTICADE TELESPAR TYPE III	PLASTICADE 847/583-4189	05/09/12	4424	A	SERIES 3500 TELESPAR FEET SERIES 3700 ANGLE IRON FEET 4', 6', 8' WIDTHS NO SIGNS OR LIGHTS
00225.12	BARRIER MARKER TEMPORARY	BARRIER MARKER, TEMPORARY		04/19/00		A	SEE SECTION 00820.11 BARRIER MARKERS.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.12	BARRIER PANEL, REFLECTIVE TEMPORARY	3-M SERIES 344/346 LDS	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	11/09/04	2487	A	MOUNTS TO THE SIDE OF BARRIER. ODOT RESEARCH PROJECT. IT IS ALUMINUM STRIPS WITH RETRO-REFLECTIVE SHEETS ON THE FACE.
00225.12	FENCING, WORKZONE DELINEATION	KC BARRICADE FENCE	KC WHOLESALE CONSTRUCTION PROD 206/850-8672	03/10/11	1486	A	ORANGE SAFETY / SNOW FENCE.
00225.12	FENCING, WORKZONE DELINEATION	PERIMETER PLUS X05650-001	CONWED PLASTICS 612/623-1700 GEOTK 888/708-8835	03/10/11	3147	A	
00225.12	FENCING, WORKZONE DELINEATION	PERIMETER PLUS X05650-002	CONWED PLASTICS 612/623-1700 GEOTK 888/708-8835	03/10/11	3306	A	
00225.12	FENCING, WORKZONE DELINEATION	PROTEX FENCE - SF2048L-12P	NORPLEX 253/735-3431 ACF WEST 800/878-5115	03/10/11	4324	A	
00225.12	FENCING, WORKZONE DELINEATION	SAF-T-SNO	TENAX CORPORATION 800/874-7437 ACF WEST 800/878-5115 410/522-7000	04/12/07	3432	A	MEETS NEW SPECS.
00225.12	FENCING, WORKZONE DELINEATION	TENAX/ALPI SAFETY FENCE	TENAX CORPORATION 800/874-7437 DAVE WRIGHT 503/232-3480 WHITE CAP 503/287-4151 KODIAK SUPPLY 800/332-7452	12/14/06	22	A	PLASTIC FENCE. MUST HAVE ADEQUATE SUPPORTS. 410/522-7000
00225.12	FENCING, WORKZONE DELINEATION	WARNING BARRIER FENCE # 14993	MUTUAL INDUSTRIES 800/523-0888 215/927-6000	07/12/07	3441	A	
00225.12	GLARE SCREENS, TEMPORARY	ARROW GLARE SCREEN	ASSOCIATED THERMOFORMING, INC 970/532-2000 EXT. 203 FREEWAY SCREEN, LLC 714/585-3405	11/17/14	4766	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.12	GLARE SCREENS, TEMPORARY	GLARE SHIELDS, TEMPORARY		04/19/00		A	SEE SECTION 00822.00, GLARE SHIELDS.
00225.12	GUARDRAIL MTD REFLECTOR	GUARDRAIL MOUNTED REFLECTORS, TEMPORARY		04/19/00		A	SEE SECTION 00840.00, DELINEATORS, FLEXIBLE TYPE 4A, GUARDRAIL VERSION.
00225.12	IMPACT ATTENUATOR TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	UNIVERSAL TAU-II-R TL-3	LINDSAY TRANSPORTATION SOLUTIONS BARRIER SYSTEMS 707/374-6800	06/11/14	4771	Q	
00225.12	IMPACT ATTENUATOR TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	UNIVERSAL TAU-II-R TL-2	LINDSAY TRANSPORTATION SOLUTIONS BARRIER SYSTEMS 707/374-6800	06/11/14	4771	Q	
00225.12	IMPACT ATTENUATOR, HS TEMPORARY NCHRP 350 HS RE-DIRECTIVE, NON-GATING.	UNIVERSAL TAU-II (HS)	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	03/12/09	2961	A	FHWA APPROVED
00225.12	IMPACT ATTENUATOR, HS TEMPORARY NCHRP 350 TL-3	QUEST 115 SYSTEM	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	11/08/07	3555	A	IMPACT SPEEDS TO 70 MPH.
00225.12	IMPACT ATTENUATOR, HS TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	2005 FASTRACC	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	11/10/05	3156	A	TESTED FOR IMPACT SPEEDS UP TO 70 MPH. 25' 8" LONG. 30" WIDE.
00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY NCHRP 350 TL-2	QUADGUARD II	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3872	A	TESTED FOR IMPACT SPEEDS UP TO 45 MPH.
00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING	2005 SHORTRACC (TL-2)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/12/06	3154	A	TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. 14.2' LONG.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING	SCI70GM	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100	01/11/07	3110	A	LOW MAINTENANCE UNIT. NARROW OR WIDE APPLICATIONS.
00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING	SHORTRACC (TL-2) WAS TRACC (TL-2)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	02/19/04	2844	A	TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. 14.2' LONG. 32" WIDE. ORIG Q UNDER P-1902.
00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING	2005 WIDETRACC (TL-2)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/12/06	3155	A	TESTED FOR IMPACT SPEEDS UP TO 45 MPH.
00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING	UNIVERSAL TAU-II (TL-2)	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	02/10/05	2961	A	FHWA APPROVED - 4 BAY SYSTEM.
00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY, NARROW APPS. NCHRP 350 TL-2, GATING IMPACT SPEEDS TO 45MPH	ABSORB 350 TL-2	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888	08/08/02	2336	A	FOR FRONT OF BARRIER AND QUICK CHANGE BARRIER. NON REDIRECTIV DON'T USE WITHIN 100' OF POND/ STREAM. IMPACT SPEEDS TO 45MPH
00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY, NARROW APPS. NCHRP 350 TL-2, GATING NON RE-DIRECTING	ACZ-350	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3854	A	WATER FILLED+ UPDATED 7/14 QPL
00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY, NARROW SYSTEM NCHRP 350 TL-2	NEAT	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	09/14/95	1327	A	TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. THIS PRODUCT IS NON-REDIRECTIVE AND HAS ALUMINUM CARTRIDGES.
00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY, NARROW SYSTEM NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	QUEST 70 (TL-2)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	06/09/11	4372	Q	TESTED FOR IMPACT SPEEDS UP TO 45 MPH. THREE BAYS. ARRIVES FULLY ASSEMBLED.
00225.12	IMPACT ATTENUATOR, TL2 TRUCK MOUNTED NCHRP 350 TL-2	ALPHA 70K	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	10/10/96	1549	A	TRUCK MTD. TESTED FOR IMPACT SPEEDS UP TO 45 MPH. FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.12	IMPACT ATTENUATOR, TL2 TRUCK MOUNTED NCHRP 350 TL-2	RENCO REN-GARD 815 TMA	RENCO SUPPLY 512/251-2421 JML SERVICES 916/635-3054	06/10/04	2704	A	FEDS OK'D TL-2 TESTING.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3	QUADGUARD II	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3872	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3	QUEST 350	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	11/08/07	3138	A	WATCH REPAIR COSTS. BETTER FOR LOW HIT AREAS.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 GATING, NON RE-DIRECTIVE	CRASHGARD	PLASTIC SAFETY SYSTEMS 800/662-6338	08/14/08	3478	A	WATCH FOR INSERTS REQUIRED ON SOME UNITS. GET ARRAY LAYOUTS FROM THE MANUFACTURER.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 GATING, NON RE-DIRECTIVE	ENERGITE III	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	11/09/95	1297	A	CHECK STANDARD DRAWINGS FOR ARRAY LAYOUT. TEMP APPS ONLY. TESTED FOR SPEEDS TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 GATING, NON RE-DIRECTIVE	FITCH SAND FILLED MODULES LABELED AS "UNIVERSAL MODULE"	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	06/10/93	1028	A	CHECK STANDARD DRAWINGS FOR ARRAYS. TEMP APPS ONLY. TESTED FOR SPEEDS TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 NON-REDIRECTIVE	TRAFFIX DEVICES BIG SANDY	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	12/12/02	1850	A	GET LAYOUT ARRAYS FROM THE MANUFACTURER. TEMP APPS ONLY. TESTED FOR SPEEDS TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING	SCI100GM	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100	01/11/07	2907	A	LOW MAINTENANCE UNIT. NARROW OR WIDE APPLICATIONS.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	2005 TRACC (TL-3)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	11/10/05	3153	A	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. 21' LONG. 30" WIDE.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	TRACC (TL-3)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	11/10/99	1902	A	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. 21' LONG. 32" WIDE.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	X-TENUATOR	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	05/12/11	4359	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH NARROW APPLICATIONS
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	2005 WIDETRACC (TL-3)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/12/06	3155	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	UNIVERSAL TAU-II (TL-3)	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	02/10/05	2961	A	FHWA APPROVED - 8 BAY SYSTEM.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	WIDETRACC	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	04/10/03	2759	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DRECTIVE, NON GATING	QUADGUARD M10	ENERGY ABSORPTION 760/518-9929 CORAL SALES COMPANY 800/538-7245	05/14/12	4492	Q	TESTED FOR SPEEDS UP TO 60 MPH WIIDTHS 90",69", 36",30", 24" 22' LENGTH
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY, NARROW APPS. NCHRP 350 TL-3, GATING IMPACT SPEED TO 60MPH	ABSORB 350 TL-3	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888	10/09/08	2336	A	DESIGNED FOR FRONT OF QUICK BARRIER. OK FOR QUICK CHANGE AND REGULAR BARRIER. USE APPROVED FLUIDS NEAR WATER.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY, NARROW APPS. NCHRP 350 TL-3, GATING NON RE-DIRECTING	ACZ-350	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3854	A	WATER FILLED UPDATED 7/14 QPL
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY, NARROW SYSTEM NCHRP 350 TL-3	QUADGUARD CZ	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	04/09/98	1572	A	PERM. AND TEMP. INSTALLATIONS. RE DIRECTIVE AND NON-GATING. TESTED FOR IMPACT SPEEDS TO 60 MPH.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY, NARROW SYSTEM NCHRP 350 TL-3	REACT 350 NARROW (TL3)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	08/10/95	1364	A	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. REQUIRES 8" THICK 4000PSI CONCRETE SLAB FOR ANCHOR. REDIRECT/NONGATING
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	ALPHA 100K	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/08/99	998	A	NCHRP 350.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	MPS 350 III	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	05/08/97	1624	A	TRUCK MTD. TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. FOLLOW MANUFACTURER'S INSTRUC. UNIT IS ONLY 4' WIDE.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP 180 TMA #9180	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	04/14/05	2920	A	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. FOLLOW MANUFACTURER'S INSTRUC.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP 180 TMA #9181	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	04/14/05	2892	A	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. FOLLOW MANUFACTURER'S INSTRUC.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP 180 TMA #9182	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	08/14/05	3148	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH. FOLLOW MANUFACTURER'S INSTRUC.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP TMA - MODEL 8290	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	03/09/00	2200	A	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. FOLLOW MANUFACTURER'S INSTRUC.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP TMA - MODEL 8291	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3902	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP TRAILER TMA	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	08/14/08	3262	A	TRAILER MOUNTED. MUST USE SUPPORT TRUCKS APPROX 20K LBS GVW OR HIGHER.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SCORPION C-10,000	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	12/14/00	2313	A	USES A CRUSHABLE ALIMINUM STRUT WITH BACKUP STRUCTURE AND A CARTRIDGE ASSEMBLY. TOTAL LENGTH: 140".
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SCORPION TRAILER ATTENUATOR MODEL# 10002-TL-3	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	08/14/08	3541	A	TRAILER MOUNTED. MUST USE SUPPORT TRUCKS APPROX 20K LBS. GVW OR HIGHER.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SS90	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	26/13/	4562	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	TTMA-100 TRAILER TMA	GREGORY INDUSTRIES 330/477-4800 EXT 158	04/14/11	4353	A	TRAILER MOUNTED. MUST USE SUPPORT TRUCKS APPROX 20K LBS GVW OR HIGHER.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	VORTEQ TL-3	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/10/08	3644	A	TRAILER MOUNTED. MUST USE SUPPORT TRUCKS APPROX 20K LBS GVW OR HIGHER.
00225.12	TRAFFIC SEPARATOR, CURB SURFACE MOUNTED TEMPORARY	FG336 EFX TUBE 2 3X9 HI OR FG 300 CURB SYSTEM OR	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	08/01/11	4439	A	
00225.12	TRAFFIC SEPARATOR, CURB SURFACE MOUNTED TEMPORARY	FG336 PE TUBE 2 3X9 HI OR FG 300 CURB SYSTEM OR	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	08/01/11	4440	A	
00225.12	TRAFFIC SEPARATOR, CURB SURFACE MOUNTED TEMPORARY	FG336 UR TUBE 2 3X9 HI OR0 FG 300 CURB SYSTEM OR	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	08/01/11	4441	A	
00225.12H	PEDESTRIAN CHANNELIZING DEVICE (PCD)	SAFETY WALL SW-3674	PLASTIC SAFETY SYSTEMS INC 216/231/8590	06/13/11	4402	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.12H	PEDESTRIAN CHANNELIZING DEVICE (PCD)	STRONGWALL ADA PEDESTRIAN BARRICADE	PLASTICADE 800/772-0355	06/23/14	4748	A	
00225.12H	PEDESTRIAN CHANNELIZING DEVICE (PCD)	TPAR	PEXCO LLC- DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	06/10/13	4604	A	
00225.12H	PEDESTRIAN CHANNELIZING DEVICE (PCD)	YODOCK 2001	YODOCK 888/496-3625 CORAL SALES 800/538-7245	01/26/12	4561	A	
00225.12H	PEDESTRIAN CHANNELIZING DEVICE (PCD)	YODOCK 2001M	YODOCK 888/496-3625 CORAL SALES 800/538-7245	06/11/13	2652	A	
00225.13	BEADS, TEMPORARY FOR TEMPORARY PAINT	BEADS		12/04/08		A	SEE SECTION 00850.10 TRAFFIC PAINT, BEADS.
00225.13	MARKER, CONICAL TEMPORARY	WATCHTOWER STACKER CONE	PLASTICADE 800/772-0355	07/10/14	4800	A	
00225.13	MARKER, TUBULAR TEMPORARY	ECOFLEX RB	HIGHWAY SAFETY PRODUCTS 800/228-1701	01/21/14	4687	A	28", 36" TALL HI SHEETING
00225.13	MARKER, TUBULAR TEMPORARY	KNOB TOP DELINEATOR POST	HIGHWAY SAFETY PRODUCTS 800/228-1701	01/21/14	4689	A	39", 42" TALL HI SHEETING
00225.13	MARKER, TUBULAR TEMPORARY	OPEN TOP DELINEATOR POST	HIGHWAY SAFETY PRODUCTS 800/228-1701	01/21/14	4688	A	39", 42" TALL HI SHEETING

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.13	MARKERS, CONICAL TEMPORARY	C-42 6-4 HI WH 1ST-2ND / CB16	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100 RA LUCAS 562/799-6160	06/10/10	4131	A	42" TALL. 16 POUND BASE.
00225.13	MARKERS, CONICAL TEMPORARY	C-42 6-4 HI WH 1ST-2ND / CB30	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/669-0820 RA LUCAS 562/799-6160	06/10/10	4132	A	42" TALL. 30 POUND BASE.
00225.13	MARKERS, CONICAL TEMPORARY	GRABBER	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	06/08/95	1210	A	43" TALL, USE 16# BASE. STACKABLE. HANDLE ON TOP
00225.13	MARKERS, CONICAL TEMPORARY	GRABBER CONE 28"	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	11/14/96	1507	A	4" DIA. STACKABLE. THIS IS AN APPROVED CONICAL SHAPE. THE HEAVY 16# BASE IS REQ. 28" TALL.
00225.13	MARKERS, CONICAL TEMPORARY	NAVICADE TRAFFIC CHANNELIZING CONE	PLASTICADE 800/772-0355	07/27/12	4499	A	USE 16# BASE NO LIGHT ATTACHMENT
00225.13	MARKERS, CONICAL TEMPORARY	NAVIGATOR CHANNELIZER	PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518	04/14/05	2745	A	LOW DENSITY POLYETHYLENE MINIMUM 16 POUND BASE. 42" TALL.
00225.13	MARKERS, CONICAL TEMPORARY	TD7200 MODEL 742585 RINGTOP CN	THREE D TRAFFIC WORKS 877/843-9757	04/14/05	2695	A	BASE: TD8000 (22LB)
00225.13	MARKERS, CONICAL TEMPORARY	TD7500 MODEL 755273 RINGTOP SLIM LINE	THREE D TRAFFIC WORKS 877/843-9757	07/10/08	3666	A	HAS 15 POUND OCTANGULAR BASE. 42" TALL
00225.13	MARKERS, CONICAL TEMPORARY	TD7500 MODEL 755585 RINGTOP SLIM LINE	THREE D TRAFFIC WORKS 877/843-9757	07/10/08	3446	A	HAS 20 POUND RECTANGULAR BASE. 42" TALL

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.13	MARKERS, CONICAL TEMPORARY	TEAR DROP STACKABLE CHANNELIZR MODEL: TD42-1-6/4W-15	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	05/13/10	4101	A	42" TALL.APPROVED FOR 15 POUND OCTAGONAL BASE.
00225.13	MARKERS, CONICAL TEMPORARY	T-TOP STACKABLE CHANNELIZER MODEL SC42-1-6/4W-15	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	01/14/10	2168	Q	15 POUND BASE. 42" TALL
00225.13	MARKERS, TUBULAR BLUE TEMPORARY	TD5000-504315B 12 POUND BASE	THREE D TRAFFIC WORKS 877/843-9757	01/11/07	3207	A	BLUE
00225.13	MARKERS, TUBULAR SURFACE MOUNTED	FLEXI-GUIDE 300 EFX MODEL: 8FG336FLOEFXODOT#1	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	12/09/10	4214	A	USE EPOXY ADHESIVE, NOT BUNDY. T-SHAPEED 36" FL ORANGE TUBE. USE ORANGE BASE. THE BLACK BASE IS WEAKER.
00225.13	MARKERS, TUBULAR SURFACE MOUNTED	SUPERDUCK	CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518	06/08/00	70	A	THE TUBES ARE REPLACEABLE AS IS THE REFLECTORIZED TAPE. CONFIRMED THAT IT MEETS OUR SPECS 6/2000.
00225.13	MARKERS, TUBULAR SURFACE MOUNTED	TD5200-526859 (BOOMERANG)	THREE D TRAFFIC WORKS 877/843-9757	01/11/07	3011	A	
00225.13	MARKERS, TUBULAR SURFACE MOUNTED 28" & 36" HEIGHT	DURAPOST	SAFE-HIT CORP. 888/323-6374 DAN MCCARTHY 760/295-2699	06/08/00	1182	A	100% URETHANE PLASTIC, PIN AT BASE HOLDS TOP ON. PRODUCT IS 3" DIA.
00225.13	MARKERS, TUBULAR TEMPORARY	ARROWTOP DELINEATOR (28") MODEL LA28 01 2HN-12A	CUSTOM-PAK 563/242-1801 SDI 541/686-9844	02/10/11	4293	A	THIS MODEL MET OUR SPECS. THE FIRST 28" MODEL WAS SHORT. 12 POUND RUBBER BASE.
00225.13	MARKERS, TUBULAR TEMPORARY	ARROWTOP DELINEATOR (42") MODEL LA42 01 2HN-12	CUSTOM-PAK 563/242-1801 SDI 541/686-9844	08/13/09	3900	A	12 POUND BASE.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.13	MARKERS, TUBULAR TEMPORARY	BENT TUBULAR MARKER MODEL# D6-5	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	05/01/88	1899	A	
00225.13	MARKERS, TUBULAR TEMPORARY	DELINEATOR TUBE DIAMOND TOP	JBC SAFETY 626/271-1980	01/28/15	4803	A	28" & 48" TALL USE 12# BASE
00225.13	MARKERS, TUBULAR TEMPORARY	DELINEATOR TUBE N-TOP II	JBC SAFETY 626/271-1980	01/28/15	4802	A	28" & 48" TALL USE 12# BASE
00225.13	MARKERS, TUBULAR TEMPORARY	GRABBER TUBE 28"	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	11/14/96	1505	A	4" DIA. NON STACKABLE. TUBULAR.
00225.13	MARKERS, TUBULAR TEMPORARY	NAVIGATOR TUBE	PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518	07/13/00	2239	A	TWO PIECE UNIT WITH HANDLE ON TOP.
00225.13	MARKERS, TUBULAR TEMPORARY	PLASTICADE OPEN TOP DELINEATOR	PLASTICADE 800/772-0355	06/11/13	4660	A	HI SHEETING
00225.13	MARKERS, TUBULAR TEMPORARY	PLASTICADE THE CLAW DELINEATOR	PLASTICADE 800/772-0355	07/10/14	4799	A	
00225.13	MARKERS, TUBULAR TEMPORARY	TD5000-504315 12 POUND BASE	THREE D TRAFFIC WORKS 877/843-9757	01/11/07	3281	A	ORANGE
00225.13	MARKERS, TUBULAR TEMPORARY	TD5100 RING TOP DELIN. 507436	THREE D TRAFFIC WORKS 877/843-9757	12/14/06	2691	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.13	MARKERS, TUBULAR TEMPORARY	T-TOP DELINEATOR POST MODEL DT7: 28", 36", 39" & 42"	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	11/16/00	2299	A	APPROVED FOR LENGTHS ALLOWED IN THE SPECS.
00225.13	MARKERS, TUBULAR TEMPORARY	WATCHTOWER DELINEATOR 28" & 48"	PLASTICADE 800/772-0355	06/30/15	4914	A	TYPE III OR HIGHER SHEETING
00225.13	PAINT, TEMPORARY FOR ASPHALT OR CONCRETE	PAINT		12/04/08		A	SEE SECTION 00860, TRAFFIC PAINT, STANDARD.
00225.13	PAVEMENT MARKER ADHESIVE TEMPORARY	PAVEMENT MARKER, TEMP, ADH		03/01/10		A	SEE SECTION 00855, PERMANENT PAVEMENT MARKER ADHESIVE.
00225.13	PAVEMENT MARKER, TEMPORARY	PAVEMENT MARKER, TEMPORARY		12/04/08		A	SEE SECTION 00855, PERMANENT PAVEMENT MARKERS.
00225.13	PAVEMENT MARKER, FLEXIBLE TEMPORARY CHIPSEAL / OVERLAY MARKER	APEX MODEL 932 FLEXIBLE MARKER MODELS: 1-W, 1-Y, & 2-Y	APEX UNIVERSAL 562/944-8878	11/11/10	4176	A	FOR ASPHALT TEMPS BELOW 325 DEGREES F.
00225.13	PAVEMENT MARKER, FLEXIBLE TEMPORARY CHIPSEAL / OVERLAY MARKER	TRPM DAVIDSON FLEXIBLE MARKER (TRPM OR TOM)	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	08/10/88	160	A	FOR PAVEMENT MARKING PRIOR TO PERMANENT STRIPING. WITH AND W/O CLEAR COVER. REMOVE COVER. ASPHALT TEMPS UP TO 325 DEG F.
00225.13	PAVEMENT MARKER, FLEXIBLE TEMPORARY CHIPSEAL / OVERLAY MARKER	TRPM-HIGH HEAT FLEXIBLE MARKER (TRPM OR TOM)	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	10/14/10	4169	A	FOR PAVEMENT MARKING PRIOR TO PERMANENT STRIPING. WITH AND W/O CLEAR COVER. REMOVE COVER. ASPHALT TEMPS OVER 325 DEG F.
00225.13	PLASTIC DRUMS TEMPORARY	B400A/LD4-4HI-TB	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100 HIGHWAY TECHNOLOGIES 503/234-0255	02/12/09	3548	A	MUST USE TIRE RING BASE, THE RUBBER INSERTS ARE NOT OK. CATALOG# 2858 B400A 4-4HI TB

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.13	PLASTIC DRUMS TEMPORARY	B500LC 4-6 HI/TB "LANE CHANGER"	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100 RA LUCAS 562/799-6160	01/13/11	4277	A	MUST USE TIRE RING BASE, THE RUBBER INSERTS ARE NOT OK.
00225.13	PLASTIC DRUMS TEMPORARY	LIFEGARD CHANNELIZER (LDPE) MODEL# LG-L/44HO	PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518	02/13/92	846	A	USES RECYCLED TIRES FOR BASE. REQ HI SHEETING. LO DENSITY. MANUFACTURER IS RECOMMENDING USING 2 BASES FOR HIGH SPEEDS.
00225.13	PLASTIC DRUMS TEMPORARY	LIFEGARD II MODEL# LG2-L/44HO	PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518	08/12/04	2744	A	LOW DENSITY REQUIRED. HI OR BETTER REQUIRED ON ALL DRUMS FOR JOBS BID AFTER JAN 1, 2005
00225.13	PLASTIC DRUMS TEMPORARY	PLASTICADE ECONOCADE II TRAFFIC DRUM	PLASTICADE 800/772-0355	06/10/13	4661	A	LOW DENISITY MODEL WITH HI SHEETING
00225.13	PLASTIC DRUMS TEMPORARY	RHINO CHANELIZER DRUM MODEL 454-LD-44-HI	PLASTICADE 800/772-0355	10/09/08	3426	A	TIRE RING BASE(S) ONLY.
00225.13	PLASTIC DRUMS TEMPORARY	SUPERDOME DRUM SD-44H-0-LDTR WITH SDBTR TIRE RING BASE	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	08/13/09	3911	A	HI SHEETING. THIS IS THE LOW DENSITY VERSION. THE TIRE RING BASE SUPPLIED BY BENT IS THE ONLY APPROVED BASE.
00225.13	PLASTIC DRUMS TEMPORARY	SUPERDOME DRUM SD-44H-LD NO TIRE RING VERSION.	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	12/10/98	1529	A	MIN BASE WT 25#. HI SHEETING. THIS IS LOW DENSITY VERSION. TIRE RING BASES ARE NOT APPROVED ON THIS UNIT (6/09).
00225.13	PLASTIC DRUMS TEMPORARY	TRAFFIC LOGIX CHANNELIZER DRUM 53242, 53241, 53262, 53261	TRAFFIC LOGIX 866/915-6449	01/11/07	2992	A	LDPE VERSION ONLY.
00225.13	PLASTIC DRUMS TEMPORARY	TRAFFIX CHANNELIZR 18044-LD-HI MODEL# 18044-LD-HI	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	10/04/90	568	A	USE LOW DENSITY TYPE, BUT HIGH DENSITY VERSION LOOKS SIMILAR. SAN-FIL OR TIRE BASE. DENSITY ON BARREL. HI SHEETING REQD.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.13	REFLECTIVE SHEETING-BARRI ASTM D4956-TYPE III PRISMATIC	AURA 150	AURA OPTICAL SYSTEMS, L.P. 801/668-3439	06/10/13	4610	A	FOR BARRICADES
00225.13	REFLECTIVE SHEETING-BARRI ASTM D4956-TYPE III/VI PRISMATIC	3-M SERIES 334/336	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/08/06	2951	A	FOR BARRICADES. PLASTIC TYPES NEED SPECIAL PREP APPROVED BY 3-M PRIOR TO SHEETING INSTALLATION.
00225.13	REFLECTIVE SHEETING-BARRI ASTM D4956-TYPE IV. PRISMATIC	AVERY DENNISON W-6100 & W-6200	AVERY DENNISON 800/327-5917	06/11/09	2348	A	PRISMATIC - TYPE IV. W-6100: PLASTIC; W-6200: WOOD
00225.13	REFLECTIVE SHEETING-DRUMS ASTM D4956 TYPE IV PRISMATIC	REFLEXITE RESILIENT C86 WHITE & FLUORESENT ORANGE	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	07/25/12	4510	A	FOR TUBES AND DRUMS WAS NAMED REFLEXITE
00225.13	REFLECTIVE SHEETING-DRUMS ASTM D4956 TYPE IV. PRISMATIC	HI IMPACT CHANNELIZER TAPE	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	01/11/07	1748	A	
00225.13	REFLECTIVE SHEETING-DRUMS ASTM D4956-TYPE III ENCAPSULATED LENS (BEADED)	3-M SERIES 3810/3814	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/08/06	2589	A	FOR TUBES AND DRUMS ONLY.
00225.13	REFLECTIVE SHEETING-DRUMS ASTM D4956-TYPE III. MICRO PRISMATIC	AVERY DENNISON WR6100 & WR6104	AVERY DENNISON 800/327-5917	05/13/10	3589	A	WHITE: WR6100; ORANGE: WR6104. DESIGNED FOR REBOUNDABLE SUBSTRATES. UPDATED 03/14
00225.13	REFLECTIVE SHEETING-TUBES FOR TUBULAR MARKERS	REFLEXITE CONFORMALITE	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	12/09/99	1747	A	WAS NAMED REFLEXITE
00225.13	REFLECTIVE SHEETING-TUBES FOR TUBULAR MARKERS PRISMATIC	REFLEXITE RESILIENT C86 WHITE & FLUORESENT ORANGE	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	07/25/12	4510	A	FOR TUBES AND DRUMS WAS NAMED REFLEXITE

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.13	TAPE, NON-REFLECTIVE TEMPORARY, REMOVABLE	3-M A145 REMOVABLE BLACK TAPE	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	12/09/04	1411	A	BLACK REMOVABLE TAPE. DOES NOT HAVE BEADS. SURFACE NEEDS TO BE CLEAN, DRY, AND WARM. CHECK MUTCD FOR APPLICABILITY.
00225.13	TAPE, NON-REFLECTIVE TEMPORARY, REMOVABLE	3-M SERIES 715 Temporary Tape	3-M COMPANY TSSD 800/553-1380 503/309-9160	07/20/12	4484	A	
00225.13	TAPE, NON-REFLECTIVE TEMPORARY, REMOVABLE	ATM 280	ADVANCED TRAFFIC MARKINGS 252/536-2574 ALPINE PRODUCTS 253/351-9828 RAELEEN LUCAS 562/799-6160	11/10/05	2799	A	BLACK NON-REFLECTIVE TAPE.
00225.13	TAPE, NON-REFLECTIVE TEMPORARY, REMOVABLE	DELTALINE BTR	BRITE-LINE TECH: 888/375-1293 TAPE: GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	05/12/05	2838	A	BLACK NON-REFLECTIVE TAPE.
00225.13	TAPE, TEMPORARY NON-REMOVABLE	FOL 200 CONSTRUCTION GRADE	FOL TAPE 888/365-8273	08/08/07	80	A	EVALUATED ON PAVEMENT MARKING TEST PROJECT, SALEM PARKWAY 4" X 300 FEET. FOIL BACKED. MUST BE DRY!
00225.13	TAPE, TEMPORARY NON-REMOVABLE	FOL 300 WET REFLECTIVE	FOL TAPE 888/365-8273	08/08/07	1162	A	EVALUATED ON PAVEMENT MARKING TEST PROJECT, SALEM PARKWAY 4" X 150 FEET. LARGER BEADS THAN FLEX-O-LINE 200. FOIL BAK
00225.13	TAPE, TEMPORARY REMOVABLE	3-M SERIES 780WR / 781WR WHITE: 780WR, YELLOW: 781WR.	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	07/10/08	3366	A	HAS WET WEATHER ATTRIBUTES.
00225.13	TAPE, TEMPORARY REMOVABLE	BRITE-LINE 100	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	08/10/06	788	A	VERY STRONG. TEMP MUST BE 60F & UP WITH CLEAN, DRY SURFACE. TAPE PULLED STRAIGHT UP TO RE-MOVE, NO HEAT, SOLVENTS, ETC.
00225.13	TAPE, TEMPORARY REMOVABLE	BRITE-LINE DELTALINE TWR	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	10/14/10	4105	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.13	TAPE, TEMPORARY REMOVABLE	DIRECTOR 2WR	SWARCO INDUSTRIES 931/388-5900 MARK COLOMBO: 314/729-7197 MFG: 254/562-9879 TECH: 314/729-7197	08/13/09	3920	A	PROMISES WET WEATHER RETRO.
00225.13	TAPE, TEMPORARY TEMPORARY, REMOVABLE	3-M SERIES 710,711 Temporary Tape	3-M COMPANY TSSD 800/553-1380 503/309-9160	07/20/12	4484	A	
00225.13I	TRANSVERSE RUMBLE STRIPS TEMPORARY	ROADQUAKE 2 TEMPORARY PORTABLE RUMBLE STRIP	PLASTIC SAFETY SYSTEMS 216/244-3207	07/27/12	4489	A	SPEEDS OF 65MPH OR LESS
00225.13I	TRANSVERSE RUMBLE STRIPS TEMPORARY	ROADQUAKE 2F FOLDING PORTABLE RUMBLE STRIP	PLASTIC SAFETY SYSTEMS 216/244-3207	03/18/14	4749	A	SPEEDS OF 75MPH OR LESS
00225.13I	TRANSVERSE RUMBLE STRIPS TEMPORARY	RUMBLE TOUGH	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	04/21/15	4878	A	SPEEDS OF 75MPH OR LESS
00225.15	TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT	ADDCO PTS-2000	ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683 TRAFFIC SAFETY 800/547-8518	01/12/06	1586	Q	PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.
00225.15	TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT	HORIZON SQ-3TS	HORIZON SIGNAL 800/852-8796 HIWAY SPECIALTIES 503/390-1113	01/12/06	2646	Q	PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.
00225.15	TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT	MODEL PTL 2.4X	NORTH AMERICA TRAFFIC 877/352-4626	10/09/08	3683	Q	PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.
00225.15	TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT	RC FLAGMAN PTL 2.4	NORTH AMERICA TRAFFIC 877/352-4626	02/08/07	3297	Q	PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.16	OVERHEIGHT VEHICLE WARNER	SAFETY PASS SP-D12	ASTI TRANSPORTATION SYSTEMS 302/328-3220	06/14/07	3283	A	PCMS DEVICES CONNECTED TO THIS DEVICE MUST BE FROM QPL.
00225.16	OVERHEIGHT VEHICLE WARNER	TRIGG VEHICLE DETECTION & WARNING	TRIGG VEHICLE DET. & WARNING 757/223-7522	10/12/95	1362	A	THIS IS A SINGLE OR DOUBLE BEAM WARNING DEVICE WITH AN AUDIBLE AND VISUAL WARNING. ATTACHED PCMS MUST BE ON QPL.
00225.16	PCMS / PVMS - TRAILER	SOLAR MESSAGE CENTER SMC 1000ST	WORK AREA PROTECTION (SCI) 800/327-4417 RA LUCAS 562/799-6160	09/12/12	4517	A	2012 DEMO
00225.16	PCMS / PVMS - TRAILER 3 LINE 8 CHARACTERS LED	CMS T-331	AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12	09/12/12	4515	A	2012 DEMO
00225.16	PCMS / PVMS - TRAILER 3 LINE DISPLAY	WTLMB (A)	WANCO, INC. 800/972-0755	09/12/12	4519	A	2012 DEMO
00225.16	PCMS / PVMS - TRAILER FULL MATRIX LED	CMS T-333	AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12	09/12/12	4516	A	2012 DEMO
00225.16	PCMS / PVMS - TRAILER SOLAR - 3 LED'S PER PIXEL	SILENT MESSENGER MB-1548-OR	SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600	01/12/06	3217	A	PASSED 10/6/05 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 3 LED'S PER PIXEL	SILENT MESSENGER MB-3048-OR	SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600	10/10/02	2655	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 3 LED'S PER PIXEL	SILENT MESSENGER MB-4048-OR	SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600	01/12/06	2190	A	PASSED 3/14/00 DEMO. DID NOT ATTEND DEMO 9/24/02. PASSED 10/6/05 DEMO. OKAY TO USE.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	ADDCO DH-1000-ALS LED-ODOT	ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683 TRAFFIC SAFETY 800/547-8518	10/10/02	1649	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	CMS T-331-1B W/AIMSTAR	AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12	10/10/02	2665	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	CMS T-333-1C W/AIMSTAR	AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12	10/10/02	2666	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	SUNRAY 390 - 2165033	NATIONAL SIGNAL 888/994-0300	12/10/09	3227	A	PASSED 10/6/05 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	SUNRAY SOLAR 380 - 2165650	NATIONAL SIGNAL 888/994-0300	12/10/09	2663	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	VANGUARD VP-1300-3X8-18-A	DAKTRONICS 888/325-8766	01/12/06	3215	A	PASSED DEMO ON 10/6/05.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	VER-MAC PCMS 1210-22	VER-MAC 888/488-7446	01/12/06	3222	A	PASSED DEMO ON 10/6/05.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	VER-MAC PCMS 1210OR	VER-MAC 888/488-7446	06/10/04	2983	A	IMPROVED VERSION. PASSED DEMO PERFORMED BY TRAFFIC SECTION. PLACED ON ODOT BID #9223 4/04. MATCH MODEL # EXACTLY!
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	VER-MAC PCMS 1210QS	VER-MAC 888/488-7446	01/12/06	3174	A	PASSED DEMO ON 10/6/05.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	WANCO WTMMB-SLL (A)-08	WANCO, INC. 800/972-0755	07/09/09	3861	A	OFFICIAL DEMO: 5-20-09 OK.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	WTLMB-S-LL(A)	WANCO, INC. 800/972-0755	10/10/02	2669	A	FAILED 3/00 DEMO, BUT PASSED 9/24/02 DEMO. OKAY TO USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - HYBRID W/2 LED'S	ADDCO DH-1000-SLD LED-ODOT	ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683 TRAFFIC SAFETY 800/547-8518	10/10/02	1180	A	FLUORESCENT FLIP DISCS W/LEDS. FAILED EARIER DEMOS, BUT PASSED THE 9-24-02 DEMO.
00225.16	PCMS / PVMS - TRUCK 2 LINES-3 LED'S PER PIXEL	LITEREADER 1020A-3	LITESYS INC. / INTELICOM, INC. 406/388-9317	10/10/02	2660	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	ADDCO 2 LINE #VM-4X2H	ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683	09/09/10	3862	A	FAILED 5/20/09 DEMO, BUT AFTER A CLOSER LOOK IT WAS APPROVED.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	LITEREADER 1020A-4	LITESYS INC. / INTELICOM, INC. 406/388-9317	10/10/02	2263	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	LITEREADER 1020A-W	LITESYS INC. / INTELICOM, INC. 406/388-9317	10/10/02	2659	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	LITEREADER 1020F-4W-1	LITESYS INC. / INTELICOM, INC. 406/388-9317	04/13/06	3219	A	PASSED 3/23/06 DEMO. IT IS A MODIFIED VERSION OF 1020F-4W.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	TM-248	WANCO, INC. 800/972-0755	10/10/02	2673	A	PASSED 9/24/02 DEMO. PRODUCTION CEASED: PRIOR TO 3/30/11.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	WMRTP-2	WANCO, INC. 800/972-0755	10/10/02	2668	A	PASSED 9/24/02 DEMO. PRODUCT LINE DISCONTINUED IN 2004.
00225.16	PCMS / PVMS - TRUCK 3 LINES-3 LED'S PER PIXEL	LITEREADER 1030A-3	LITESYS INC. / INTELICOM, INC. 406/388-9317	10/10/02	2662	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 3 LINES-3 LED'S PER PIXEL	SILENT MESSENGER MB-722-448	SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600	10/10/02	2656	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL	ADDCO 3 LINE #VM-6X2V	ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683	07/09/09	3863	A	OFFICIAL DEMO 5/20/09: OK.
00225.16	PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL	LITEREADER 1030A-4	LITESYS INC. / INTELICOM, INC. 406/388-9317	10/10/02	2577	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL	LITEREADER 1030A-W	LITESYS INC. / INTELICOM, INC. 406/388-9317	10/10/02	2661	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL	LITEREADER 1030F-4W-1 ID# 3221A	LITESYS INC. / INTELICOM, INC. 406/388-9317	04/09/09	3221	A	PAPERWORK LOOKS OKAY, DEMO ON 3/9/09. MODIFIED VERSION OF 1030F-4W TO CORRECT PROBLEMS.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C"	ARROWMASTER PROLINE 25 LIGHTt	WORK AREA PROTECTION (SCI) 800/327-4417 RA LUCAS 562/799-6160	09/12/12	4522	A	2012 DEMO
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C".	ADDCO AB-25	ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683 TRAFFIC SAFETY 800/547-8518	07/09/09	3665	A	PAPERWORK LOOKS OK, DEMO WAS OKAY ON 5-20-09.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C".	ARO-LITE CURVE - 2165652	NATIONAL SIGNAL 888/994-0300	07/09/09	3867	A	OFFICAL DEMO: 5/20/09 - OK.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C".	VER-MAC ST4825	VER-MAC 888/488-7446	08/11/05	3000	A	PASSED DEMO 2011
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C".	WANCO WTSP 75-LSAC-08	WANCO, INC. 800/972-0755	07/09/09	3860	A	OFFICIAL DEMO: 5-20-09 OK.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C".	WECO SOLAR ARROW BOARD	WANCO, INC. 800/972-0755	09/12/12	4521	A	2012 DEMO
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". HALOGEN/LED, SOLAR POWER	ECLIPSE 2200/SE APF	ALLMAND BROTHERS 800/562-1373 WRIGHT-LANSDON CO 503/659-7635	01/13/00	1949	A	BOTH LED AND HALOGEN NEED TO BE 590 NM (AMBER).
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED - SOLAR	ARO-LITE 100 WATT 25-M-100	NATIONAL SIGNAL 888/994-0300 WES YOCKEY 503/324-7213	11/08/01	2246	A	LED - SOLAR POWER. 25 LIGHT VERSION. DEMO TEST-OK 10/17/01 MODEL # IMPORTANT TO VERIFY. PRODUCTION CEASED: 2/27/09
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	AMIDA DLSE 25 LA	TEREX AMIDA 803/324-3011 FRED UNSWORTH 707/996-9650 FORESS SIGNS 541/928-5858	09/14/00	2304	A	OK FOR LEGIBILITY AT 1 MILE. PRODUCTION CEASED: PRIOR TO 3/30/11.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	ARROWMASTER IV MODEL# WAAW 25SB	WORK AREA PROTECTION (SCI) 800/327-4417	06/11/98	1571	A	LED - SOLAR POWER. 25 LIGHT VERSION. PRODUCTION CEASED: PRIOR TO 3/30/11
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	SILENT SENTINEL	SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600	01/14/93	932	A	SOLAR POWERED ARROWBOARD. IT WILL DO A CHEVRON AND APPEARS TO BE OK FOR OREGON'S CLIMATE. LED'S ADDED 11/97.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	SUN-UP SOLAR ARROW PANEL MODEL 100	NATIONAL SIGNAL 888/994-0300 888/994-0300 DIST: CANTEL OF MEDFORD JOHN HUGHES, 541/773-2765	12/10/98	1801	A	UNIT IS SOLAR POWERED ELECTRONIC FLASHING ARROW. PRODUCTION CEASED: 7/0/09.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	WANCO WTSP110-LSAC	WANCO, INC. 800/972-0755	11/16/00	2331	A	FIELD DEMO: 10/24/00 - OK FOR LEGIBILITY AT 1 MILE. LED LENS.
00225.16C	PTMS VENDOR	ASTI	ASTI TRANSPORTATION SYSTEMS 302/328-3220	09/09/10	4071	A	ELEVATED, TRAILER-MOUNTED, MICROWAVE / BLUETOOTH SENSORS.
00225.16C	PTMS VENDOR	ICONE	ICONE PRODUCTS 315/626-6800	05/12/11	3674	A	GROUND-MOUNTED, DOPPLER RADAR SENSORS WITHIN PORTABLE TRAFFIC DRUMS.
00225.16C	PTMS VENDOR	JAMLOGIC PTS	VER-MAC 888/488-7446	08/11/11	4075	A	ELEVATED, TRAILER-MOUNTED, DOPPLER/ MICROWAVE/ BLUETOOTH SENSORS.
00225.17	FLAGGER STATION LIGHTING TEMPORARY	FLEX 4000 WATT	AIRSTAR SPACE LIGHTING 800/217-9001 X3	12/21/12	4584	A	ONLY TWO METAL HALIDE LIGHTS ENERGIZED FOR FLAGGER LIGHTING
00225.17	FLAGGER STATION LIGHTING TEMPORARY	MAGNUM MLT3060DOT	MAGNUM PRODUCTS 800/926-9768 UNITED RENTALS 920/279-6366	08/13/09	3933	A	TRAILER MOUNTED. HAS BOTH FLAGGER & CONSTRUCTION LAMPS. THE HI POWER LAMPS ARE NOT FOR FLAGGER STATIONS.
00225.17	FLAGGER STATION LIGHTING TEMPORARY	MAGNUM MLT4060DOT	MAGNUM PRODUCTS 800/926-9768 UNITED RENTALS 920/279-6366	08/13/09	3934	A	TRAILER MOUNTED. HAS BOTH FLAGGER & CONSTRUCTION LAMPS. THE HI POWER LAMPS ARE NOT FOR FLAGGER STATIONS.
00225.17	FLAGGER STATION LIGHTING TEMPORARY	MOON-GLO LIGHT TOWER CONVERSION	MOON-GLO WORK LIGHT Tom Schuh 503/931-3650	12/21/12	4585	A	ONLY THE BALLOON LIGHT WILL BE ENERGIZED FOR FLAGGER LIGHTING

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.17	FLAGGER STATION LIGHTING TEMPORARY	MOON-GLO WORK LIGHT 1000	MOON-GLO WORK LIGHT TOM SCHUH 503/931-3650	10/14/10	4212	A	TRAILERS RECONDITIONED TO MEET OUR SPEC, AT HIS FACILITY. 1000 WATT BT37 METAL HALIDE LAMPS.
00225.17	FLAGGER STATION LIGHTING TEMPORARY	MOON-GLO WORK LIGHT 2000	MOON-GLO WORK LIGHT TOM SCHUH 503/931-3650	10/14/10	4213	A	TRAILERS RECONDITIONED TO MEET OUR SPEC, AT HIS FACILITY. 1000 WATT BT37 METAL HALIDE LAMPS.
00225.17	FLAGGER STATION LIGHTING TEMPORARY	TUBELIGHT LIGHT TOWER	MAGNUM PRODUCTS 800/926-9768 UNITED RENTALS 920/279-6366	01/21/14	4673	A	TRAILER MOUNTED. HAS DIFFUSE LIGHT FOR FLAGGER & CONSTRUCTION LAMPS. CONSTRUCTION LAMPS ARE NOT FOR FLAGGER STATIONS.
00225.18	AFAD - RED & YELLOW LENS	AUTOMATED FLAGGER AF-100	Synergy Technology, LLC 704/849-7891 Far West Inc. 503/430-1407	08/20/12	4512	A	REMOTE CONTROL FLAGGER DEVICE. HAS ARM THAT COMES DOWN. 2 LITE SIGNAL HEAD. RED/YELLOW TRAILER MOUNTED/2 Trailer Tow
00225.18	AFAD - RED & YELLOW LENS	INTELLISTROBE W1-AG	INTELLISTROBE 417/883-7720	02/12/09	3125	A	TRIPOD MOUNTED UNIT. HAS ARM THAT COMES DOWN. 2 LITE SIGNAL HEAD. RED/YELLOW
00225.18	AFAD - RED & YELLOW LENS	INTELLISTROBE W1-AG/TM	INTELLISTROBE 417/883-7720	02/12/09	3362	A	REMOTE CONTROL FLAGGER DEVICE. HAS ARM THAT COMES DOWN. 2 LITE SIGNAL HEAD. RED/YELLOW TRAILER MOUNTED.
00225.18	AFAD - RED & YELLOW LENS	RC FLAGMAN RCF 2.4	NORTH AMERICA TRAFFIC 877/352-4626	02/12/09	2984	A	REMOTE CONTROL FLAGGER DEVICE. HAS ARM THAT COMES DOWN. 2 LITE SIGNAL HEAD. RED/YELLOW TRAILER MOUNTED
00225.18	RADAR SPEED TRAILER TYPE I	18" DRIVER FEEDBACK TRAILER SYSTEM	MOR MANUFACTURING 208/770-3101 CORAL SALES 503/655-6351	03/12/15	4875	A	DEMO 3/12/15
00225.18	RADAR SPEED TRAILER TYPE II	PRODIGY 33L PACESETTER	MONITOR SYSTEMS 888/819-7023 4S SIGN, LLC 541/928-5858	02/13/14	4700	A	DEMO 2/13/14

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.27	FLAGGER STOP/SLOW PADDLE FLASHING	BLINKER PADDLE	TAPCO 800/236-0112 TRAFFIC SAFETY 800/547-8518	08/14/05	3008	A	HAS LIGHTS AROUND THE PERIMETER ON BOTH SIDES.
00225.27	FLAGGER STOP/SLOW PADDLE LIGHTED - HAND HELD	TRAFF-ALERT 18 (TA18AXTP)	SAFECO 480/290-5220	04/08/10	4097	A	HAND HELD UNIT.
00225.27	FLAGGER STOP/SLOW PADDLE LIGHTED - POLE MOUNTED	TRAFF-ALERT 18 (TA18AX6SP)	SAFECO 480/290-5220	04/08/10	4099	A	POLE MOUNTED.
00225.27	FLAGGER STOP/SLOW PADDLE ROLL-UP, NON-FLASHING EMERGENCY USE ONLY	FAN-A-SIGN MODEL MR18	SPORTNIKS, INC. 505/508-1901	04/11/02	2471	A	MARATHON SHEETING. MUST HAVE SNAP ON HANDLE TO BE SEMI-RIGID. FOR EMERGENCY USE ONLY.
00225.27	FLAGGER STOP/SLOW PADDLE ROLL-UP, NON-FLASHING EMERGENCY USE ONLY	STOP SLOW PADDLE DG, ROLL-UP	PACIFIC SAFETY SUPPLY RYAN SCHURR 800/344-5641	04/13/00	1922	A	USES 3-M DIAMOND GRADE SHEETING. PASSED RETRO TESTS. FOR EMERGENCY USE ONLY. DURABILITY MAY BE A QUESTION.
00280.00	OUTLET PROTECTION- TYPE 3 FLOCCULENT	CHITOVAN LIQUID (ACETATE) 1%	DUNGENESS ENVIRONMENTAL 206/730-5370 ACF WEST 800/878-5115 CSI GEOSYNTHETICS 800/426-7976	09/11/10	3837	A	
00280.00	OUTLET PROTECTION- TYPE 3 FLOCCULENT	HYDROPAM	EVONIK STOCKHAUSEN336/335-3871 INNOVATIVE TURF 513/317-8311	03/11/10	1854	A	
00280.00	OUTLET PROTECTION- TYPE 3 FLOCCULENT	STORMKLEAR GEL-FLOC	HALOSOURCE 425/974-1969 CSI 800/426-7976 ACF WEST 503/771-5115	08/14/03	2594	A	DESIGNED TO REMOVE SUSPENDED SOILS AND METALS. MUST BE USED WITH SAND FILTER OR BIO-FILTRATION.
00280.00	OUTLET PROTECTION- TYPE 3 FLOCCULENT	STORMKLEAR LIQUI-FLOC	HALOSOURCE 425/974-1969 CSI 800/426-7976 ACF WEST 503/771-5115	08/14/03	2595	A	DESIGNED TO REMOVE SUSPENDED SOILS AND METALS. MUST BE USED WITH SAND FILTER OR BIO-FILTRATION.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.00	OUTLET PROTECTION -TYPE 3	HYDROPAM L	EVONIK STOCKHAUSEN336/335-3991 INNOVATIVE TURF 513/317-8311	03/11/10	3969	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	AIRTROL GEOBINDER	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594 HANES GEO COMPONENTS 800/324-4595	07/09/09	3905	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	DUST ARMOUR	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3904	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	DUST STOP	CYPHER INTERNATIONAL LTD. 204/489-1214	01/10/08	3173	A	MFG CLAIMS NATURAL POLYSACCHARIDES.
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	DUSTFLOC	FIBER MARKETING 800/426-6002	04/09/09	3268	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	ENVIROPAM	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	A	WAS NAMED HYDRAPAM
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	HYDROPAM	EVONIK STOCKHAUSEN336/335-3871 INNOVATIVE TURF SOLUTIONS 513/317-8311	03/11/10	1854	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	NATURESOWN TRIPLE TAC	HAMILTON MANUFACTURING 208/733-9689	02/10/11	4201	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	NATURESOWN X9000	HAMILTON MANUFACTURING 208/733-9689	02/10/11	4204	A	AGRICULTURAL FIBERS AND WOOD CELLULOSE FIBERS. HYDR APPLIED POLYMER BASED TAC

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	PAM 12	ENCAP 877/405-5050 MEADOWLAND SEED 877/463-2369	12/11/08	3545	A	PAPER/STRAW WITH TACKIFIER.
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2 (TACKIFIER ONLY)	CLIFFHANGER TACK	QUATTRO ENVIRONMENTAL 619/522-0044	04/11/02	2446	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2 (TACKIFIER)	J-3000 GUAR	RECLAMARE COMPANY ED JOHNSON 206/824-2385	10/14/10	1577	A	ACCEPTABLE AS A TACKING AGENT. DURATION: LONG TERM 3-5 MONTHS ORGANIC. MAIN COMPONENT: GUAR.
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2 (W/TACKIFIER)	NATURESOWN EVOLUTION	HAMILTON MANUFACTURING 208/733-9689	02/10/11	4203	A	AGRICULTURAL FIBERS AND WOOD CELLULOSE FIBERS. HYDR APPLIED GUAR BASED TAC
00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1	EARTH BIND 100	ENVIROAD 208/392-4549	05/14/09	3673	A	POSSIBLE PROBLEMS IN S.C. PER APEL (4/06).
00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1	ENVIROPAM(L) LIQUID	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	A	WAS NAMED HYDRAPAM (L)
00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1	HYDROPAM L	EVONIK STOCKHAUSEN336/335-3871 INNOVATIVE TURF SOLUTIONS 513/317-8311	03/11/10	3969	A	
00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1	SOIL TAC	SOILWORKS 800/545-5420	04/14/05	2939	A	
00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1	TERRAVEST	FISCHBACH AND MORE, LLC ROBERT FISCHBACH, 509/325-2882	07/13/06	3140	A	POLYBUTADIENE 1,3

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1	TOP SEAL	SOILS CONTROL INTERNATIONAL 817/526-5550	05/14/09	1650	A	
00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1 (SYNTHETIC)	ATLAS SOIL LOK	QUATTRO ENVIRONMENTAL 619/522-0044	11/08/01	2444	A	HAS BEEN SUCCESSFUL WHEN USED IN COMBINATION WITH MULCH AND SOIL CONDITIONER.
00280.14D	MULCHES TEMPORARY	RAINIER FIBER	RAINIER VENEER INC FIBER MARKETING INT INC 206/459/4942	02/16/11	4346	A	
00280.14D	MULCHES TEMPORARY W/TACK	RAINIER FIBER + TAC	RAINIER VENEER INC FIBER MARKETING INT INC 206/459/4942	02/16/11	4347	A	
00280.14D	MULCHES, TEMPORARY	AIRTROL GEOBINDER	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3905	A	
00280.14D	MULCHES, TEMPORARY	BINDEX BLEND	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4565	A	60% WOOD FIBER 40% RECYCLED PAPER
00280.14D	MULCHES, TEMPORARY	BINDEX WOOD	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4566	A	WOOD FIBERS
00280.14D	MULCHES, TEMPORARY	CELLULOSE FIBER HYDRO MULCH	CELLULOSE FIBER 253/627-8008	04/14/05	2929	A	100% PAPER FIBER.
00280.14D	MULCHES, TEMPORARY	CONWED 1000	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	07/13/06	3316	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14D	MULCHES, TEMPORARY	CONWED 2000	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	03/13/08	3611	A	WOOD FIBER W/3% GUAR GUM TACKIFIER
00280.14D	MULCHES, TEMPORARY	EARTH BARRIER MBFM	AGRIVESTMENTS 253/383-5014	08/14/08	3670	A	
00280.14D	MULCHES, TEMPORARY	ECO MATRIX	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	04/10/08	3267	A	SLOPES UP TO 2.5H TO 1V.
00280.14D	MULCHES, TEMPORARY	ECOFIBRE + TAC	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	04/10/08	3231	A	WOOD FIBER MULCH WITH AN ORGANIC TACKIFIER.
00280.14D	MULCHES, TEMPORARY	ECOFIBRE HYDROSEEDING MULCH	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	04/10/08	1307	A	MAIN COMPONENT: WOOD FIBER. ORGANIC. WITHOUT TACKIFIER.
00280.14D	MULCHES, TEMPORARY	ENVIRO-BLANKET MULCH W/AIRTROL WOOD FIBER HYDRAULIC MULCH	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3907	A	
00280.14D	MULCHES, TEMPORARY	ENVIRO-BLANKET WOOD FIBR MULCH HYDRAULIC MULCH	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3906	A	
00280.14D	MULCHES, TEMPORARY	ENVIROPAM	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	A	WAS NAMED HYDRAPAM
00280.14D	MULCHES, TEMPORARY	ENVIROPAM(L) LIQUID	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	A	WAS NAMED HYDRAPAM (L)

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14D	MULCHES, TEMPORARY	ENVIRO-SHIELD BONDED FIBER MATRIX	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	12/11/08	3533	A	HYDRAULICALLY APPLIED MULCH.
00280.14D	MULCHES, TEMPORARY	EXCEL FIBERMULCH II	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/14/02	2625	A	ON TEXAS DOT QPL.
00280.14D	MULCHES, TEMPORARY	GEOSKIN	MULCH & SEED INNOVATION 205/540-5775	08/13/09	3897	A	85% STRAW & 15% COTTON PLANT MATERIAL.
00280.14D	MULCHES, TEMPORARY	GRASS MULCH	GRASS FIBER INC. 520 E. 2ND ST JUNCTION CITY, OR 97448	05/01/88	2131	A	MAIN COMPONENT:CELLULOSE FIBER ORGANIC. WITHOUT TACKIFIER.
00280.14D	MULCHES, TEMPORARY	GROUNDCONTROL HY-C1 STRAW & COTTON	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4618	A	HYDRAULICALLY APPLIED
00280.14D	MULCHES, TEMPORARY	GROUNDCONTROL HY-C3 STRAW & COTTON	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4619	A	HYDRAULICALLY APPLIED
00280.14D	MULCHES, TEMPORARY	HYDRA CM STEEP SLOPE MATRIX	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632	11/11/10	4265	A	70% STRAW & 20% RECLAIMED COTTON FIBER.
00280.14D	MULCHES, TEMPORARY	HYDROSPRAY	CELLULOSE FIBER 253/627-8008 EMERALD SEED & SUPPLY 503/254-8414	11/09/06	3063	A	INSTALL PER 01030.48(A)3.
00280.14D	MULCHES, TEMPORARY	HYDROSTRAW ALL IN 1 BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 RON EDWARDS	07/09/15	4899	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14D	MULCHES, TEMPORARY	HYDROSTRAW BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 RON EDWARDS	11/11/10	4164	A	
00280.14D	MULCHES, TEMPORARY	HYDROSTRAW GUAR PLUS FORMULA	HYDROSTRAW 800/545-1755 RON EDWARDS	11/11/10	4165	A	3% GUAR
00280.14D	MULCHES, TEMPORARY	MAT-FIBER	MAT, INC. 800/976-2340 CSI GEOSYNTHETICS 800/426-7976	01/13/05	2981	A	WOOD FIBER FOR HYDRO SEEDING
00280.14D	MULCHES, TEMPORARY	MAT-FIBER PLUS	MAT, INC. 800/976-2340 CSI GEOSYNTHETICS 800/426-7976	01/13/05	2982	A	WOOD FIBER FOR HYDRO SEEDING W/3% GUAR GUM TACKIFER.
00280.14D	MULCHES, TEMPORARY	NATURE'S OWN MULCH W/O TAC	HAMILTON MANUFACTURING 208/733-9689	03/12/98	1727	A	MAIN COMPONENT: CELLULOSE FIBER - PAPER/WOOD. ORGANIC. W/O TACKIFIER. RECYCLED PAPER/WOOD FIBER.
00280.14D	MULCHES, TEMPORARY	NATURESOWN MULCH W/TAC	HAMILTON MANUFACTURING 208/733-9689	02/27/12	4450	A	
00280.14D	MULCHES, TEMPORARY	PAM 12	ENCAP 877/405-5050 MEADOWLAND SEED 877/463-2369	12/11/08	3545	A	PAPER/STRAW WITH TACKIFIER.
00280.14D	MULCHES, TEMPORARY	PERMAMATRIX BIOTIC SOIL AMENDM	SUNMARK ENVIRONMENTAL 503/241-7333	11/11/10	4218	A	
00280.14D	MULCHES, TEMPORARY	TACKIFIBERS	QUATTRO ENVIRONMENTAL 619/522-0044	04/11/02	2447	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14D	MULCHES, TEMPORARY	TERRA MULCH	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	11/09/06	3317	A	SLOPES UP TO: 2H : 1V
00280.14D	MULCHES, TEMPORARY	TERRA-MATRIX SM STABILIZED FIBER MATRIX	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	02/08/07	3416	A	WOOD FIBER
00280.14D	MULCHES, TEMPORARY	TURBOMULCH 70% WOOD	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955 DIST.: EMERALD SEED & SUPPLY ARMAN KLUEHE, 503/254-8414	06/08/00	1804	A	WOOD FIBER, ORGANIC. W/O TACKIFIER. BIODEGRADABLE. 70% WOOD, 30% PAPER W/DYE.
00280.14D	MULCHES, TEMPORARY	WOODSTRAW	FOREST CONCEPTS 877/838-4759	12/13/07	3587	A	
00280.14D	MULCHES, TEMPORARY ORGANIC	FERTI-FIBERS NUTRIMULCH	QUATTRO ENVIRONMENTAL 619/522-0044	11/08/01	2443	A	EFFECTIVE WHEN USED WITH TACKIFIER, SOIL CONDITIONERS, AND SOIL STABILIZERS.
00280.14D	MULCHES, TEMPORARY TACKIFIER	EARTH BIND 100	ENVIROAD 208/392-4549	05/14/09	3673	A	POSSIBLE PROBLEMS IN S.C. PER APEL (4/06).
00280.14D	MULCHES, TEMPORARY TACKIFIER	ECO E-TAC	APEX RESOURCES 502/254-3118 FIBER MARKETING 425/277-9966	07/13/06	3265	A	
00280.14D	MULCHES, TEMPORARY TACKIFIER	ECOTAC GUAR GG-1200	FIBER MARKETING 800/426-6002	04/09/09	3232	A	TAC ONLY, ORGANIC HYDROCOLLOID
00280.14D	MULCHES, TEMPORARY TACKIFIER	FIBERRX	HYDROSTRAW 800/545-1755 RON EDWARDS	01/21/14	4685	A	FOR USE WITH HYDRAULICALLY APPLIED

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14D	MULCHES, TEMPORARY TACKIFIER	FMI POWER TACK	APEX RESOURCES 502/254-3118 FIBER MARKETING 425/277-9966	07/13/06	3269	A	
00280.14D	MULCHES, TEMPORARY TACKIFIER	M-BINDER	GRANITE SEED CO. 801/768-4422	04/14/05	2886	A	
00280.14D	MULCHES, TEMPORARY TACKIFIER	TERRAVEST	FISCHBACH AND MORE, LLC ROBERT FISCHBACH, 509/325-2882	07/13/06	3140	A	POLYBUTADIENE 1,3
00280.14D	MULCHES, TEMPORARY W/ TACKIFIER	BINDEX BLEND WT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4564	A	60% WOOD FIBER 40% RECYCLED PAPER
00280.14D	MULCHES, TEMPORARY W/ TACKIFIER	BINDEX WOOD WT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4567	A	WOOD FIBERS
00280.14D	MULCHES, TEMPORARY W/O TACKIFIER	NATURESOWN EVOLUTION 70	HAMILTON MANUFACTURING 208/733-9689	02/10/11	4202	A	AGRICULTURAL FIBERS AND WOOD CELLULOSE FIBERS. HYDR APPLIED
00280.14D	MULCHES, TEMPORARY W/TACKIFIER	NATURESOWN EVOLUTION	HAMILTON MANUFACTURING 208/733-9689	02/10/11	4203	A	AGRICULTURAL FIBERS AND WOOD CELLULOSE FIBERS. HYDR APPLIED GUAR BASED TAC
00280.14D	MULCHES, TEMPORARY W/TACKIFIER	NATURESOWN X9000	HAMILTON MANUFACTURING 208/733-9689	02/10/11	204	A	AGRICULTURAL FIBERS AND WOOD CELLULOSE FIBERS. HYDR APPLIED POLYMER BASED TAC
00280.14D	MULCHING TEMPORARY	NATURESOWN EVOLUTION 70	HAMILTON MANUFACTURING INC 208/733/9689	08/04/11	4202	Q	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE A SLOPE	AEC PREMIER COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3521	A	COCONUT
00280.14E	MATTING - TYPE A SLOPE	AEC PREMIER STRAW SINGLE NET	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	3326	A	WHEAT STRAW AND POLY NETTING
00280.14E	MATTING - TYPE A SLOPE	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3520	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE A SLOPE	AIRTROL GEOBINDER	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3905	A	
00280.14E	MATTING - TYPE A SLOPE	ARMORFLEX CLOSED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	01/10/08	3590	Q	SUBJECT TO APPROVAL BY DESIGN ENGINEER. CONCRETE BLOCKS
00280.14E	MATTING - TYPE A SLOPE	ARMORFLEX OPEN CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3575	A	
00280.14E	MATTING - TYPE A SLOPE	ARMORFLEX TAPERED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3591	A	
00280.14E	MATTING - TYPE A SLOPE	CURLEX I	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	09/12/02	2619	A	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.14E	MATTING - TYPE A SLOPE	CURLEX I CL	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	04/08/10	4112	A	EXCELSIOR WITH POLY NET

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE A SLOPE	EARTHGUARD FIBER MATRIX	TERRA NOVO, INC. 661/747-5956	01/08/09	2972	A	ON TEXAS DOT QPL. SPRAY W/ WOOD CELLULOSE FIBER
00280.14E	MATTING - TYPE A SLOPE	ECOAEGIS	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	04/10/08	1548	A	BONDED WOOD & SYNTHETIC FIBERS HYDRAULICALLY APPLIED.
00280.14E	MATTING - TYPE A SLOPE	ECS-1	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4616	A	
00280.14E	MATTING - TYPE A SLOPE	ENVIRO-SHIELD BONDED FIBER MTX	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3533	A	
00280.14E	MATTING - TYPE A SLOPE	EROSION CONTROL BLANKET.COM C 32 BD	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	05/01/15	4848	A	
00280.14E	MATTING - TYPE A SLOPE	EROSION CONTROL BLANKET.COM SC 32	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE A SLOPE	EROSION CONTROL BLANKET.COM SC 32 BD	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE A SLOPE	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER
00280.14E	MATTING - TYPE A SLOPE	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3397	A	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE A SLOPE	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE A SLOPE	EXCEL R-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3402	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE A SLOPE	EXCEL S-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3302	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE A SLOPE	EXCEL SR-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3403	A	STRAW
00280.14E	MATTING - TYPE A SLOPE	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.14E	MATTING - TYPE A SLOPE	FLEXTERRA HP-FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	02/10/11	4205	A	FLEXIBLE GROWTH MEDIUM HYDRAULICALLY APPLIED. RECYCLED THERMALLY REFINED WOOD FIBERS.
00280.14E	MATTING - TYPE A SLOPE	FUTURA EROSION CONTROL BLANKET	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	10/12/06	1689	A	NON-WOVEN MULCH BLANKET, WOOD & SYNTHETIC FIBERS.
00280.14E	MATTING - TYPE A SLOPE	GEOJUTE	BELTON INDUSTRIES 800/225-4099 BOB MORAN ACF WEST 800/878-5115	10/11/01	2490	A	WOVEN JUTE. BIODEGRADEABLE.
00280.14E	MATTING - TYPE A SLOPE	GREENSOLUTIONS DNS-2	INDUSTRIAL FABRICS, INC JAMIE COLLINS 225/273-9600 GREENSOLUTIONS 318/741-5791	07/09/15	4907	A	DOUBLE NET STRAW BLANKET

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE A SLOPE	HYDRA CX2	NORTH AMERICAN GREEN 800/772-2040	05/14/09	3532	A	
00280.14E	MATTING - TYPE A SLOPE	HYDRO-BLANKET BFM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	07/13/06	3318	A	WOOD FIBER
00280.14E	MATTING - TYPE A SLOPE	HYDROSTRAW BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 ED LEE	11/11/10	4164	A	
00280.14E	MATTING - TYPE A SLOPE	LANDLOK 1051	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4546	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE A SLOPE	LANDLOK 435	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4544	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE A SLOPE	LANDLOK 450	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4545	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE A SLOPE	LANDLOK C2	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4543	A	COCONUT FIBER
00280.14E	MATTING - TYPE A SLOPE	LANDLOK CS2	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4542	A	70% WHEAT STRAW 30% COCONUT FIBER
00280.14E	MATTING - TYPE A SLOPE	LANDLOK S1	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	11/26/12	4540	A	WHEAT STRAW

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE A SLOPE	LANDLOK S2	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4541	A	WHEAT STRAW
00280.14E	MATTING - TYPE A SLOPE	NORTH AMERICAN GREEN S150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/89	297	A	WHEAT STRAW
00280.14E	MATTING - TYPE A SLOPE	NORTH AMERICAN GREEN S150BN	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632 ACF WEST 800/878-5115	07/10/97	1381	A	STRAW FIBER COVERED WITH TWISTED PAPER YARN NETTING. 100% BIO-DEGRADABLE.
00280.14E	MATTING - TYPE A SLOPE	NORTH AMERICAN GREEN S75 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632 ACF WEST 800/878-5115	03/15/89	1835	A	100% WHEAT STRAW
00280.14E	MATTING - TYPE A SLOPE	NORTH AMERICAN GREEN S75BN	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632 ACF WEST 800/878-5115	07/10/97	1380	A	STRAW FIBER CONVERED WITH BIO-DEGRADABLE NETTING. 100% BIO-DEGRADABLE.
00280.14E	MATTING - TYPE A SLOPE	NORTH AMERICAN GREEN SC150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/98	1836	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE A SLOPE	PREMIER STRAW BLANKET - DOUBLE	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	2623	A	ON THE TEXAS QPL. STRAW AND POLY NETTING
00280.14E	MATTING - TYPE A SLOPE	PYRAMAT	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4547	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE A SLOPE	S1000 SINGLE NET STRAW BLANKET	ENVIROSCAPE ECM 888/550-1999	05/14/09	3817	A	WHEAT STRAW

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE A SLOPE	SOIL GUARD	MAT, INC. 800/976-2340 (WAS WEYERHAEUSER UNTIL 12/99)	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED.
00280.14E	MATTING - TYPE A SLOPE HYDRAULICALLY APPLIED	BINDEX BFM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4563	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE A SLOPE HYDRAULICALLY APPLIED	FLEXTERRA FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	11/09/06	3319	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE A SLOPE HYDRAULICALLY APPLIED	PROMATRIX ENGINEERED FIBER MATRIX	PROFILE PRODUCTS, LLC 847/215-3454 ACF WEST 503/771-5115	09/19/12	4506	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE B SLOPE	AEC PREMIER COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3521	A	COCONUT
00280.14E	MATTING - TYPE B SLOPE	AEC PREMIER STRAW SINGLE NET	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	3326	A	WHEAT STRAW AND POLY NETTING
00280.14E	MATTING - TYPE B SLOPE	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3520	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE B SLOPE	ARMORFLEX CLOSED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	01/10/08	3590	Q	SUBJECT TO APPROVAL BY DESIGN ENGINEER. CONCRETE BLOCK
00280.14E	MATTING - TYPE B SLOPE	ARMORFLEX OPEN CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3575	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE B SLOPE	ARMORFLEX TAPERED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3591	A	
00280.14E	MATTING - TYPE B SLOPE	CURLEX I	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	09/12/02	2619	A	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.14E	MATTING - TYPE B SLOPE	CURLEX I CL	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	04/08/10	4112	A	EXCELSIOR WITH POLY NET
00280.14E	MATTING - TYPE B SLOPE	EARTHGUARD FIBER MATRIX	TERRA NOVO, INC. 661/747-5956	01/08/09	2972	A	ON TEXAS DOT QPL. SPRAY W/ WOOD CELLULOSE FIBER
00280.14E	MATTING - TYPE B SLOPE	ECS-1	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4616	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET S31	EROSION CONTROL BLANKET 970/846-7166 WATERSAVER CO. 541/228-0142	11/13/08	3698	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET.COM C 32 BD	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	05/01/15	4848	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET.COM EX 32	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	12/16/14	4841	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET.COM S 31	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	12/16/14	4842	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET.COM S 31 BD	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	12/16/14	4843	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET.COM SC 32	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET.COM SC 32 BD	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE B SLOPE	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER
00280.14E	MATTING - TYPE B SLOPE	EXCEL CS-3	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3396	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE B SLOPE	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3397	A	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM
00280.14E	MATTING - TYPE B SLOPE	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE B SLOPE	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.14E	MATTING - TYPE B SLOPE	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	A	POLYFIBER

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE B SLOPE	EXCEL R-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3402	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE B SLOPE	EXCEL S-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3302	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE B SLOPE	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.14E	MATTING - TYPE B SLOPE	FLEXTERRA HP-FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	02/10/11	4205	A	FLEXIBLE GROWTH MEDIUM HYDRAULICALLY APPLIED. RECYCLED THERMALLY REFINED WOOD FIBERS.
00280.14E	MATTING - TYPE B SLOPE	FUTURA EROSION CONTROL BLANKET	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	10/12/06	1689	A	NON-WOVEN MULCH BLANKET, WOOD & SYNTHETIC FIBERS.
00280.14E	MATTING - TYPE B SLOPE	GREENSOLUTIONS DNS-2	INDUSTRIAL FABRICS, INC JAMIE COLLINS 225/273-9600 GREENSOLUTIONS 318/741-5791	07/09/15	4907	A	DOUBLE NET STRAW BLANKET
00280.14E	MATTING - TYPE B SLOPE	HYDRA CX2	NORTH AMERICAN GREEN 800/772-2040	05/14/09	3532	A	
00280.14E	MATTING - TYPE B SLOPE	LANDLOK S1	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	11/26/12	4540	A	WHEAT STRAW
00280.14E	MATTING - TYPE B SLOPE	NORTH AMERICAN GREEN S150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/89	297	A	WHEAT STRAW

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE B SLOPE	NORTH AMERICAN GREEN S75 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632 ACF WEST 800/878-5115	03/15/89	1835	A	100% WHEAT STRAW
00280.14E	MATTING - TYPE B SLOPE	NORTH AMERICAN GREEN SC150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/98	1836	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE B SLOPE	PREMIER STRAW BLANKET - DOUBLE	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	2623	A	ON THE TEXAS QPL. STRAW AND POLY NETTING
00280.14E	MATTING - TYPE B SLOPE	S1000 SINGLE NET STRAW BLANKET	ENVIROSCAPE ECM 888/550-1999	05/14/09	3817	A	WHEAT STRAW
00280.14E	MATTING - TYPE B SLOPE	SOIL GUARD	MAT, INC. 800/976-2340 (WAS WEYERHAEUSER UNTIL 12/99)	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED.
00280.14E	MATTING - TYPE B SLOPE HYDRAULICALLY APPLIED	BINDEX BFM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4563	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE B SLOPE HYDRAULICALLY APPLIED	FLEXTERRA FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	11/09/06	3319	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE B SLOPE HYDRAULICALLY APPLIED	PROMATRIX ENGINEERED FIBER MATRIX	PROFILE PRODUCTS, LLC 847/215-3454 ACF WEST 503/771-5115	09/19/12	4506	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE C SLOPE	AEC PREMIER COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3521	A	COCONUT

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE C SLOPE	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3520	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE C SLOPE	AIRTROL GEOBINDER	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3905	A	
00280.14E	MATTING - TYPE C SLOPE	COCOFLEX ET-FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	03/12/09	3803	A	EXTENDED TERM FLEXIBLE GROWTH MEDIUM. WOOD & COCONUT.
00280.14E	MATTING - TYPE C SLOPE	CURLEX ENFORCER	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.14E	MATTING - TYPE C SLOPE	CURLEX I	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	2619	A	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.14E	MATTING - TYPE C SLOPE	ECOAEGIS	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	04/10/08	1548	A	BONDED WOOD & SYNTHETIC FIBERS HYDRAULICALLY APPLIED.
00280.14E	MATTING - TYPE C SLOPE	ECS-2	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4615	A	
00280.14E	MATTING - TYPE C SLOPE	ENVIRO-SHIELD BONDED FIBER MTX	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3533	A	
00280.14E	MATTING - TYPE C SLOPE	EROSION CONTROL BLANKET.COM C 32 BD	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	05/01/15	4848	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE C SLOPE	EROSION CONTROL BLANKET.COM SC 32	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE C SLOPE	EROSION CONTROL BLANKET.COM SC 32 BD	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE C SLOPE	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER
00280.14E	MATTING - TYPE C SLOPE	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3397	A	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM
00280.14E	MATTING - TYPE C SLOPE	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE C SLOPE	EXCEL S-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3302	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE C SLOPE	EXCEL SR-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3403	A	STRAW
00280.14E	MATTING - TYPE C SLOPE	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.14E	MATTING - TYPE C SLOPE	FLEXTERRA HP-FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	02/10/11	4205	A	FLEXIBLE GROWTH MEDIUM HYDRAULICALLY APPLIED. RECYCLED THERMALLY REFINED WOOD FIBERS.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE C SLOPE	FUTURA EROSION CONTROL BLANKET	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	10/12/06	1689	A	NON-WOVEN MULCH BLANKET, WOOD & SYNTHETIC FIBERS.
00280.14E	MATTING - TYPE C SLOPE	GEOJUTE	BELTON INDUSTRIES 800/225-4099 BOB MORAN ACF WEST 800/878-5115	10/11/01	2490	A	WOVEN JUTE. BIODEGRADEABLE.
00280.14E	MATTING - TYPE C SLOPE	GREENSOLUTIONS DNS-2	INDUSTRIAL FABRICS, INC JAMIE COLLINS 225/273-9600 GREENSOLUTIONS 318/741-5791	07/09/15	4907	A	DOUBLE NET STRAW BLANKET
00280.14E	MATTING - TYPE C SLOPE	HYDRA CM STEEP SLOPE MATRIX	NORTH AMERICAN GREEN 800/772-2040	11/11/10	4265	A	70% STRAW & 20% RECLAIMED COTTON FIBER.
00280.14E	MATTING - TYPE C SLOPE	HYDRA CX2	NORTH AMERICAN GREEN 800/772-2040	05/14/09	3532	A	
00280.14E	MATTING - TYPE C SLOPE	HYDRO-BLANKET BFM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	07/13/06	3318	A	WOOD FIBER
00280.14E	MATTING - TYPE C SLOPE	HYDROSTRAW ALL IN 1 BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 RON EDWARDS	07/09/15	4899	A	
00280.14E	MATTING - TYPE C SLOPE	HYDROSTRAW BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 ED LEE	11/11/10	4164	A	
00280.14E	MATTING - TYPE C SLOPE	NORTH AMERICAN GREEN S150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/89	297	A	WHEAT STRAW

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE C SLOPE	NORTH AMERICAN GREEN S75 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632 ACF WEST 800/878-5115	03/15/89	1835	A	100% WHEAT STRAW
00280.14E	MATTING - TYPE C SLOPE	NORTH AMERICAN GREEN SC150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/98	1836	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE C SLOPE	PREMIER STRAW BLANKET - DOUBLE	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	2623	A	ON THE TEXAS QPL. STRAW AND POLY NETTING
00280.14E	MATTING - TYPE C SLOPE	S2000 DOUBLE NET STRAW BLANKET	ENVIROSCAPE ECM 888/550-1999	06/11/09	3855	A	WHEAT STRAW
00280.14E	MATTING - TYPE C SLOPE	SOIL GUARD	MAT, INC. 800/976-2340 (WAS WEYERHAEUSER UNTIL 12/99)	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED.
00280.14E	MATTING - TYPE C SLOPE HYDRAULICALLY APPLIED	BINDEX BFM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4563	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE C SLOPE HYDRAULICALLY APPLIED	FLEXTERRA FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	11/09/06	3319	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE D SLOPE	AEC PREMIER COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3521	A	COCONUT
00280.14E	MATTING - TYPE D SLOPE	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3520	A	70% WHEAT STRAW & 30% COCONUT.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE D SLOPE	COCOFLEX ET-FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	03/12/09	3803	A	EXTENDED TERM FLEXIBLE GROWTH MEDIUM. WOOD & COCONUT.
00280.14E	MATTING - TYPE D SLOPE	CURLEX ENFORCER	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.14E	MATTING - TYPE D SLOPE	CURLEX I	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	2619	A	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.14E	MATTING - TYPE D SLOPE	CURLEX II CL	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/13/08	3711	A	
00280.14E	MATTING - TYPE D SLOPE	CURLEX NET FREE	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/13/08	3712	A	
00280.14E	MATTING - TYPE D SLOPE	ECS-2	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4615	A	
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET S32	EROSION CONTROL BLANKET 970/846-7166 WATERSAVER CO. 541/228-0142	11/13/08	3699	A	
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET.COM C 32	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	12/16/14	4847	A	
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET.COM C 32 BD	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	05/01/15	4848	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET.COM EX 31	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	12/16/14	4840	A	
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET.COM S 32	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	12/16/14	4844	A	
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET.COM S 32 BD	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	12/16/14	4845	A	
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET.COM SC 32	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET.COM SC 32 BD	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE D SLOPE	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER
00280.14E	MATTING - TYPE D SLOPE	EXCEL CS-3	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3396	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE D SLOPE	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3397	A	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM
00280.14E	MATTING - TYPE D SLOPE	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE D SLOPE	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.14E	MATTING - TYPE D SLOPE	EXCEL S-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3302	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE D SLOPE	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.14E	MATTING - TYPE D SLOPE	FLEXTERRA HP-FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	02/10/11	4205	A	FLEXIBLE GROWTH MEDIUM HYDRAULICALLY APPLIED. RECYCLED THERMALLY REFINED WOOD FIBERS.
00280.14E	MATTING - TYPE D SLOPE	FUTURA EROSION CONTROL BLANKET	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	10/12/06	1689	A	NON-WOVEN MULCH BLANKET, WOOD & SYNTHETIC FIBERS.
00280.14E	MATTING - TYPE D SLOPE	GREENSOLUTIONS DNS-2	INDUSTRIAL FABRICS, INC JAMIE COLLINS 225/273-9600 GREENSOLUTIONS 318/741-5791	07/09/15	4907	A	DOUBLE NET STRAW BLANKET
00280.14E	MATTING - TYPE D SLOPE	GROUNDCONTROL HY-C3 STRAW & COTTON	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4619	A	HYDRAULICALLY APPLIED
00280.14E	MATTING - TYPE D SLOPE	GROUNDCONTROL HY-C4 STRAW & COTTON	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4620	A	HYDRAULICALLY APPLIED
00280.14E	MATTING - TYPE D SLOPE	HYDRA CM STEEP SLOPE MATRIX	NORTH AMERICAN GREEN 800/772-2040	11/11/10	4265	A	70% STRAW & 20% RECLAIMED COTTON FIBER.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE D SLOPE	HYDRA CX2	NORTH AMERICAN GREEN 800/772-2040	05/14/09	3532	A	
00280.14E	MATTING - TYPE D SLOPE	NORTH AMERICAN GREEN S150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/89	297	A	WHEAT STRAW
00280.14E	MATTING - TYPE D SLOPE	NORTH AMERICAN GREEN SC150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/98	1836	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE D SLOPE	PREMIER STRAW BLANKET - DOUBLE	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	2623	A	ON THE TEXAS QPL. STRAW AND POLY NETTING
00280.14E	MATTING - TYPE D SLOPE	S2000 DOUBLE NET STRAW BLANKET	ENVIROSCAPE ECM 888/550-1999	06/11/09	3855	A	WHEAT STRAW
00280.14E	MATTING - TYPE D SLOPE	SOIL GUARD	MAT, INC. 800/976-2340 (WAS WEYERHAEUSER UNTIL 12/99)	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED.
00280.14E	MATTING - TYPE D SLOPE HYDRAULICALLY APPLIED	BINDEX BFM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4563	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE D SLOPE HYDRAULICALLY APPLIED	FLEXTERRA FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	01/08/09	3319	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	AEC PREMIER STRAW DOUBLE NET	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	01/09/12	4527	A	STRAW

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	01/09/12	3520	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	CURLEX ENFORCER	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	CURLEX II (STITCHED)	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	09/12/02	2620	A	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	CURLEX III (STITCHED)	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/12/02	2621	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	ECP-2 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4852	A	
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	ECP-3 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4853	A	
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET PC 42	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/20/15	4851	A	
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET S32	EROSION CONTROL BLANKET 970/846-7166 WATERSAVER CO. 541/228-0142	11/13/08	3699	A	
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET.COM S 32	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	12/16/14	4844	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET.COM SC 32 BD	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL CS-3	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3396	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3397	A	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	A	POLY FIBERS
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL SD-3	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3398	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	KOIRMAT 700	NEDIA ENTERPRISES 888/725-6999	05/14/09	3718	A	
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C125BN	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	11/08/07	3565	A	BIODEGRADABLE JUTE COCONUT
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C350	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	07/10/97	1378	A	COCONUT
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN S150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/98	297	A	WHEAT STRAW
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	RECYCLEX - TRM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	2618	A	ARTIFICAL FIBER (SODA BOTTLES)
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	T-RES HIGH PERFORMANCE TRM	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4617	A	
00280.14E	MATTING - TYPE E SLOPE	EROSION CONTROL BLANKET.COM C 32 BD	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	05/01/15	4848	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	AEC PREMIER STRAW DOUBLE NET	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	01/09/12	4527	A	STRAW
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	01/09/12	3520	A	70% WHEAT STRAW & 30% COCONUT.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	CURLEX ENFORCER	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	CURLEX III (STITCHED)	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/12/02	2621	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	ECP-2 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4852	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	ECP-3 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4853	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET PC 42	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/20/15	4851	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET SC32	EROSION CONTROL BLANKET 970/846-7166 WATERSAVER CO. 541/228-0142	11/13/08	3700	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET.COM C 32	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	12/16/14	4847	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET.COM SC 32	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/13/15	4849	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET.COM SC 32 BD	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/13/15	4846	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	A	POLY FIBERS
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL SD-3	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3398	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	KOIRMAT 700	NEDIA ENTERPRISES 888/725-6999	05/14/09	3718	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	LANDLOK 435	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4544	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	LANDLOK 450	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4545	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	LANDLOK C2	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4543	A	COCONUT FIBER

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	LANDLOK CS2	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4542	A	70% WHEAT STRAW 30% COCONUT FIBER
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	LANDLOK S2	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4541	A	WHEAT STRAW
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C125BN	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	11/08/07	3565	A	BIODEGRADABLE JUTE COCONUT
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C350	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	07/10/97	1378	A	COCONUT
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN S150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632 ACF WEST 800/878-5115	03/15/89	297	A	WHEAT STRAW
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	RECYCLEX - TRM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	2618	A	ARTIFICAL FIBER (SODA BOTTLES)
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	T-RECS HIGH PERFOMANCE TRM	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4617	A	
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	CURLEX ENFORCER	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	ECP-2 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4852	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	ECP-3 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4853	A	
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET PC 42	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/20/15	4851	A	
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET.COM EX 32	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	12/16/14	4841	A	
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	A	POLY FIBERS
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	KOIRMAT 700	NEDIA ENTERPRISES 888/725-6999	05/14/09	3718	A	
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	RECYCLEX - TRM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	2618	A	ARTIFICAL FIBER (SODA BOTTLES)
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	RECYCLEX TRM-V	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	01/09/12	4528	A	TURF REINFORCEMENT MAT PERMANENT 100% RECYCLED

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	T-RES HIGH PERFORMANCE TRM	EAST COAST EROSION CONTROL 610/488-8496	02/13/15	4617	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	ECP-2 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4852	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	ECP-3 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4853	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EROSION CONTRL BLANKET P42 TRM	EROSION CONTROL BLANKET 970/846-7166 WATERSAVER CO. 541/228-0142	11/13/08	3701	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET PC 42	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	02/20/15	4851	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET.COM EX 32	EROSION CONTROL BLANKET.COM 866/317-3346 AFC WEST INC 503/771-5115	12/16/14	4850	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	A	POLY FIBERS

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	LANDLOK 1051	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4546	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	PYRAMAT	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4547	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	RECYCLEX - TRM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	2618	A	ON THE TEXAS QPL. ARTIFICAL FIBER (SODA BOTTLES)
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	RECYCLEX TRM-V	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	01/09/12	4528	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	T-RES HIGH PERFORMANCE TRM	EAST COAST EROSION CONTROL 610/488-8496	02/13/15	4617	A	
00280.14E	SLOPE MATTING TYPE B & D	GEOJUTE PLUS	BELTON INDUSTRIES INC 800/225/4099 ACF WEST INC 503/771/5115	06/30/11	2490	Q	NOT FOR USE AS TYPE A & C
00280.15A	CHECK DAM, TYPE 3	CURLEX SEDIMENT LOG	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	05/08/08	2624	A	
00280.15A	CHECK DAM, TYPE 3	CURLEX SFW WATTLES	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	02/13/15	4863	A	
00280.15A	CHECK DAM, TYPE 3	FILTREXX FILTERSOXX DITCHCHEXX	FILTREXX INTERNATIONAL 440/926-2607	12/08/05	3257	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.15A	CHECK DAM, TYPE 3	GRABHORN BIO FILTER BAG	GRABHORN, INC. 503/628-1866	11/12/09	2430	A	
00280.15A	CHECK DAM, TYPE 3	RICE STRAW FIBER ROLL	KRISTAR ENTERPRIS 800/579-8819	11/09/06	2634	A	STANDARD DRAWING RD1005
00280.15A	CHECK DAM, TYPE 4	WOVEN POLYPROPYLENE SANDBAG MODEL: PPB1426T1600	SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692	07/11/02	2429	A	
00280.15A	CHECK DAM, TYPE 5	GEOBALE	GEOHAY 864/472-7000	12/13/07	3579	A	
00280.15A	CHECK DAM, TYPE 5	GEOFILTER	GEOHAY 864/472-7000	12/13/07	3580	A	
00280.15A	CHECK DAM, TYPE 5	GEO-RIDGE	NILEX 303/766-2000 ACF WEST 800/878-5115	04/14/05	2357	A	OK FOR REDUCING VELOCITITES, BUT NOT AS A CHECK DAM ALONE. MUST USE IN CONJUCNTION WITH A MATTING OR OTHER GROUND COVER.
00280.15A	CHECK DAM, TYPE 5	TRIANGULAR SILT DIKE	TRIANGULAR SILT DIKE CO, INC. REP: JASON ROACH 405/741-7406 CSI GEOSYNTHETICS 800/426-7976	09/13/01	1592	A	GEOTEXTILE FABRIC AND URETHANE FOAM.
00280.15A	CHECK DAM, TYPE: OTHER	EARTHSAVER RICE STRAW WATTLES	RH DYCK 530/662-7700 BUSSARD EROSION 541/926-7747	11/09/06	2431	A	OTHER - STRAW WATTLE STANDARD DRAWING RD1005
00280.15A	CHECK DAM, TYPE: OTHER STRAW WATTLE	PERMALOK/PERMEATEX STRAW WATTL	NORTHWEST LININGS & GEOTEXTILE 253/867-5366	10/14/10	4194	A	RICE STRAW

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.15A	INLET PROTECTION - TYPE 4	CURLEX SFW WATTLES	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	02/13/15	4863	A	
00280.15D	SLOPE DRAIN, TEMPORARY	TRIANGULAR SILT DIKE	TRIANGULAR SILT DIKE CO, INC. REP: JASON ROACH 405/741-7406 CSI GEOSYNTHETICS 800/426-7976	09/13/01	1592	A	APPEARS TO BE A SUITABLE SUBSTITUTE FOR STRAW BALES OR SAND BAGS.
00280.16C	SEDIMENT FENCE -SUPPORTED	TERRATEX SF-90	HANES GEO COMPONENTS 800-324-4594	02/10/11	3733	A	
00280.16C	SEDIMENT FENCE -UNSUPPORT	LP-30 POCKETED SEDIMENT FENCE	PROPEX 800/621-1273 ACF WEST 800/878-5115	09/14/06	2959	A	
00280.16C	SEDIMENT FENCE -UNSUPPORT	MIKE'S PROD POCKETD SILT FENCE	MIKE'S PRODUCTS 503/439-2379 RESPONSIVE SUPPLY 503/804-7860	04/08/10	3996	A	
00280.16C	SEDIMENT FENCE -UNSUPPORT UN-SUPPORTED	TERRATEX SF-D 3606-B48D	HANES GEO COMPONENTS 800-324-4594	02/10/11	3734	A	
00280.16C	SEDIMENT FENCE-UNSUPPORT	GEOTK 190 SF POCKETED	GEOTK, LLC 360/750-1955	01/21/14	4603	A	
00280.16D	INLET PROTECTION - TYPE 1	ENVIRO STRAW 9" STRAW WATTLE	ENVIRO-STRAW 208/270-1225	01/21/14	4703	A	
00280.16D	INLET PROTECTION - TYPE 1	MIKE'S PROD POCKETD SILT FENCE	MIKE'S PRODUCTS 503/439-2379 RESPONSIVE SUPPLY 503/804-7860	04/08/10	3996	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.16D	INLET PROTECTION - TYPE 3	DANDY CURB BAG	DANDY PRODUCTS, INC 800/591-2284 SPILL CONTROL, INC 800/300-1649	11/17/14	4814	A	DESIGNED FOR 250 GPM/FTSQ
00280.16D	INLET PROTECTION - TYPE 3	DANDY CURB SACK	DANDY PRODUCTS, INC 800/591-2284 SPILL CONTROL, INC 800/300-1649	11/17/14	4810	A	DESIGNED FOR 250 GPM/FTSQ
00280.16D	INLET PROTECTION - TYPE 3	DANDY SACK	DANDY PRODUCTS, INC 800/591-2284 SPILL CONTROL, INC 800/300-1649	11/17/14	4812	A	DESIGNED FOR 250 GPM/FTSQ
00280.16D	INLET PROTECTION - TYPE 3	DRAIN BAGS	SPILL CONTROL,INC 800/300-1649	10/24/12	4539	A	
00280.16D	INLET PROTECTION - TYPE 3	DREAM STREAM GCDOTFB-3624	THE GATE COMPANY 360/273-5802 MANARK PRODUCTS 360/790-9271	10/14/10	4174	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	FLEXSTORM INLET FILTER	INLET & PIPE PROTECTION 866/287-8655 ADVANCED DRAINAGE SYSTEMS 800/821-6710	04/08/10	3965	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	HI-FLOW SILTSACK	ACF ENVIRONMENTAL DAVID KELLY 800/448-3636 DIST.: ACF WEST, INC. MELISSA HURLEY 503/771-5115	09/13/01	1164	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	MIKE'S PRODUCTS BASIN WORK'R	MIKE'S PRODUCTS 503/439-2379 RESPONSIVE SUPPLY 503/804-7860	04/08/10	3995	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	NON-WOVEN SILT SACK	ACF ENVIRONMENTAL DAVID KELLY 800/448-3636	02/10/05	2958	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.16D	INLET PROTECTION - TYPE 3	REGULAR FLOW SILTSACK	ACF ENVIRONMENTAL 804/271/2363 AFC WEST 800/878/5115	08/01/11	4442	Q	
00280.16D	INLET PROTECTION - TYPE 3	STORM SENTINEL MODEL 4320NO 48" X 36"	ENPAC CORPORATION 800/936-7229 PAT GOTHRO (ENPAC)253/288-9215 FNW- DOUG MYERS 253/437-5141 FNW- MIKE STEWART 503/240-6747	04/29/14	4745	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED NO OVERFLOW
00280.16D	INLET PROTECTION - TYPE 3	STORM SENTINEL MODEL 4326NO 60" X 60"	ENPAC CORPORATION 800/936-7229 PAT GOTHRO (ENPAC)253/288-9215 FNW- DOUG MYERS 253/437-5141 FNW- MIKE STEWART 503/240-6747	04/29/14	4746	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED NO OVERFLOW
00280.16D	INLET PROTECTION - TYPE 3	STORM SENTINEL MODEL 4341 NO 36" X 24" FRAMED	ENPAC CORPORATION 800/936-7229 PAT GOTHRO (ENPAC)253/288-9215 FNW- DOUG MYERS 253/437-5141 FNW- MIKE STEWART 503/240-6747	04/29/14	4747	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED NO OVERFLOW
00280.16D	INLET PROTECTION - TYPE 3	STORM SENTINEL MODEL 4348	ENPAC CORPORATION 800/936-7229 PAT GOTHRO (ENPAC)253/288-9215 FNW- DOUG MYERS 253/437-5141 FNW- MIKE STEWART 503/240-6747	10/14/10	4119	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	STORMGUARD	SPILL CONTROL,INC 800/300-1649	12/24/12	4538	A	
00280.16D	INLET PROTECTION - TYPE 3	STREAMGUARD	FOSS INTERNATIONAL AND INFRASTRUCTURE SERVICES CO. JOE SMITH 206/378-4101	10/11/01	1600	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	ULTRA-DRAIN GUARD ADJ. FRAME MOD. #8930	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	05/02/13	4611	A	ADJUSTABLE FRAME INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	ULTRA-DRAIN GUARD RE-USABLE	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	11/09/06	3308	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.16D	INLET PROTECTION - TYPE 3 GAS & OIL	ULTRA-DRAIN GUARD OIL & SEDIME	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	01/10/08	3309	A	FOR GAS & OIL. VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 4	CURLEX SEDIMENT LOG	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	05/08/08	2624	A	
00280.16D	INLET PROTECTION - TYPE 4	FILTREXX FILTERSOXX INLETSOXX	FILTREXX INTERNATIONAL 440/926-2607	12/08/05	3258	A	
00280.16D	INLET PROTECTION - TYPE 4	GRABHORN BIO FILTER BAG	GRABHORN, INC. 503/628-1866	11/12/09	2430	A	
00280.16D	INLET PROTECTION - TYPE 4	SILTRAP BIO BAGS	HIGHWAY FUEL 503/363-6444	11/13/08	3697	A	PRESIZED WOOD CHIPS IN POLY MESH BAG.
00280.16D	INLET PROTECTION - TYPE 4	SLOPEGARD 3	KRISTAR ENTERPRIS 800/579-8819	11/09/06	2633	A	
00280.16D	INLET PROTECTION - TYPE 6	DREAM STREAM GCDOTFB-3624	THE GATE COMPANY 360/273-5802 MANARK PRODUCTS 360/790-9271	10/14/10	4174	A	NEED TO MONITOR.
00280.16D	INLET PROTECTION - TYPE 6	SS FIBER ROLLS (9X25) UV	EROSION CONTROL SERVICES MARK CLELLAND 208/337-4620	04/08/10	3928	A	
00280.16D	INLET PROTECTION - TYPE 6 OTHER	CURB INLET SEDIMENT DAM	CARDWELL; 541/688-7609 FAMILIAN NW 800/456-8611	10/10/02	2203	A	DESIGNED FOR CURBED INLET PROTECTION. NEED TO MONITOR.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.16D	INLET PROTECTION - TYPE 6 OTHER	FILTREXX FILTERSOXX SILTSOXX	FILTREXX INTERNATIONAL 440/926-2607	06/11/09	3256	A	USE MFG APPROVED COMPOST MEDIA & ADDITIVES & MEET ODOT SPECS.
00280.16D	INLET PROTECTION - TYPE 6 OTHER	GEOFILTER	GEOHAY 864/472-7000	12/13/07	3580	A	
00280.16E	SEDIMENT BARRIER, OTHER	DIRTBAG 55	ACF ENVIRONMENTAL DAVID KELLY 800/448-3636 DIST.: ACF WEST, INC. MELISSA HURLEY 503/771-5115	02/12/09	1886	A	THIS BAG IS 180" BY 180". AND TESTED TO 100 LB/IN2. APPLICATION: DOWNSTREAM END OF PIPE.
00280.16E	SEDIMENT BARRIER, OTHER	FILTREXX FILTERSOXX SILTSOXX	FILTREXX INTERNATIONAL 440/926-2607	06/11/09	3256	A	USE MFG APPROVED COMPOST MEDIA & ADDITIVES & MEET ODOT SPECS.
00280.16E	SEDIMENT BARRIER, TYPE 1	ENVIRO STRAW 9" STRAW WATTLE	ENVIRO-STRAW 208/270-1225	01/21/14	4703	A	
00280.16E	SEDIMENT BARRIER, TYPE 3	AEC PREMIER STRAW WATTLES	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	3327	A	
00280.16E	SEDIMENT BARRIER, TYPE 3	CAL VISTA RICE STRAW WATTLE 8 X 25	CAL VISTA EROSION CONTROL JERRY SHADINGER 530/476-0706	12/11/08	3526	A	
00280.16E	SEDIMENT BARRIER, TYPE 3	CSW STRAW WATTLES	CALIFORNIA STRAW WORKS 916/453-1456 ACF WEST 503/771-5115	07/13/06	1794	A	DO NOT USE IN WATER. NOT RE-UESABLE. DO NOT USE FOR OVERLAND SHEET FLOW. WAS KEY TO GREEN STRAW WATTLES
00280.16E	SEDIMENT BARRIER, TYPE 3	EARTHSAVER 8.25x25 Wheat Straw Wattle	EARTHSAVERS EROSION CONTROL 530/662-7700	05/31/12	4410	A	PHOTODEGRADABLE

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.16E	SEDIMENT BARRIER, TYPE 3	EARTHSAVER RICE STRAW WATTLES	RH DYCK 530/662-7700 BUSSARD EROSION 800/252-2692 CSI GEOSYNTHETICS 360/699-1426	07/11/02	2431	A	
00280.16E	SEDIMENT BARRIER, TYPE 3	IEC 9" STRAW WATTLE	IDAHO EROSION CONTROL 208/329-9120 PACIFIC GEOSOURCE 503/261-3515	10/14/10	4184	A	
00280.16E	SEDIMENT BARRIER, TYPE 3	OSW-R9 STRAW WATTLE	OREGON STRAW WATTLE 503/519-0848	12/11/08	3722	A	RYE STRAW
00280.16E	SEDIMENT BARRIER, TYPE 3	RICE STRAW FIBER ROLL	KRISTAR ENTERPRIS 800/579-8819	11/09/06	2634	A	
00280.16E	SEDIMENT BARRIER, TYPE 3	SEDIMENTSTOP	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	07/13/06	3286	A	
00280.16E	SEDIMENT BARRIER, TYPE 3	SLOPEGARD 1	KRISTAR ENTERPRIS 800/579-8819	11/09/06	2632	A	APPEARS OK AS TYPE 3 SEDIMENT BARRIER.
00280.16E	SEDIMENT BARRIER, TYPE 3	SOIL STOPPERS RICE STRAW WATTL 9" WATTLE	SOIL STOPPERS 209/993-2109	03/08/07	3439	A	
00280.16E	SEDIMENT BARRIER, TYPE 3	SS FIBER ROLLS (9X25) UV	EROSION CONTROL SERVICES MARK CLELLAND 208/337-4620	04/08/10	3928	A	TYPE 3.
00280.16E	SEDIMENT BARRIER, TYPE 3	WESTERN FIBER 9" STRAW WATTLE	WESTERN FIBER CO. 661/854-5556 OR 310/939-9254	11/13/08	3710	A	WHEAT STRAW.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.16E	SEDIMENT BARRIER, TYPE 3	WOVEN POLYPROPYLENE SANDBAG MODEL: PPB1426T1600	SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692	07/11/02	2429	A	
00280.16E	SEDIMENT BARRIER, TYPE 3 STRAW WATTLE	PERMALOK/PERMEATEX STRAW WATTL	NORTHWEST LININGS & GEOTEXTILE 253/867-5366	10/14/10	4194	A	RICE STRAW
00280.16E	SEDIMENT BARRIER, TYPE 6	TRIANGULAR SILT DIKE	TRIANGULAR SILT DIKE CO, INC. REP: JASON ROACH 405/741-7406 CSI GEOSYNTHETICS 800/426-7976	09/13/01	1592	A	DO NOT USE IN WATER. RE-UESABLE. SUITABLE SUBSTITUTION FOR SAND BAGS.
00280.16E	SEDIMENT BARRIER, TYPE 7	ENVIRONMENTAL BARRICADE	BONAR PLASTICS 360/887-2230 ENVIRONMENTAL BARRICADES RICHARD STRIEFEL 800/656-1296	06/14/01	2401	A	
00280.16E	SEDIMENT BARRIER, TYPE 7	GEOBALE	GEOHAY 864/472-7000	12/13/07	3579	A	
00280.16E	SEDIMENT BARRIER, TYPE 7	GEOFILTER	GEOHAY 864/472-7000	12/13/07	3580	A	
00280.16E	SEDIMENT BARRIER, TYPE 7	TRIANGULAR SILT DIKE	TRIANGULAR SILT DIKE CO, INC. REP: JASON ROACH 405/741-7406 CSI GEOSYNTHETICS 800/426-7976	09/13/01	1592	A	DO NOT USE IN WATER. RE-USEABLE. SUITABLE SUBSTITUTION FOR SAND BAGS.
00280.16F	SEDIMENT MAT	SEDIMAT	INDIAN VALLEY INDUSTRIES 800/659-5111 CSI GEOSYNTHETICS 800/426-7976	06/14/07	1924	A	FOR USE ON DOWNSTREAM END OF OUTLET END OF PIPE.
00350.00	GEOCELL	ENVIROGRID	GEO PRODUCTS 281/820-5493 CSI GEOSYNTHETICS 800/426-7976	05/08/03	2699	A	POLYETHYLENE CELLULAR CONFINE-MENT SYSTEM. ANCHORED WITH J-HOOKS. DESIGNED TO BE FILLED WITH A VARIETY OF ITEMS.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00390.00	SLOPE PROTECTION - TYPE 3	ARMORFLEX CLOSED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	01/10/08	3590	A	
00390.00	SLOPE PROTECTION - TYPE 3	ARMORFLEX OPEN CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3575	A	
00390.00	SLOPE PROTECTION - TYPE 3	ARMORFLEX TAPERED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3591	A	
00390.00	SLOPE PROTECTION - TYPE 3	HYDRAPAM(L) LIQUID	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	A	
00390.00	SLOPE PROTECTION - TYPE 3	HYDROPAM	EVONIK STOCKHAUSEN336/335-3871 INNOVATIVE TURF SOLUTIONS 513/317-8311	03/11/10	1854	A	
00390.00	SLOPE PROTECTION - TYPE 3	HYDROPAM L	EVONIK STOCKHAUSEN336/335-3871 INNOVATIVE TURF SOLUTIONS 513/317-8311	03/11/10	3969	A	
00398.00	ROCK BOLTS	R1J SOLID REBAR SPIN-LOCK BOLT #R1J	WILLIAMS FORM 800/255-0560 OR 503/285-4548	08/11/11	4452	A	THIS IS MADE W/DOMESTIC STEEL.
00398.00	ROCK BOLTS	WILLIAMS HOLLOW CORE SPIN LOCK #R1H, #R1HT, #R1HG	WILLIAMS FORM 800/255-0560	10/09/03	2891	A	THIS PRODUCT INCLUDES FOREIGN STEEL. USE ONLY WHEN SPECS ALLOW FOREIGN STEEL.
00433.00	PREFORMED DITCH LINER	SMARTDITCH	PENDA CORPORATION 800/356-7704	08/23/12	3864	Q	CONTACT STANDARDS ENGINEER BEFORE USE

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00445.00	MISC OPTIONS	TRENCHLESS TECHNOLOGY	NO LIST AT THIS TIME.	01/25/01		Q	ODOT TRENCHLESS TECHNOLOGY ROBERT TREVIS AT 503/986-3382 REHAB & REPLACEMENT OF STORM SEWERS & CULVERTS.
00445.12	ASPHALTIC MASTIC PIPE COATING	HENRY HE906 FLASHMASTER PLUS	HENRY CO. 800/851-1131	09/11/03	2859	A	MEETS AASHTO M243. SEE ODOT SECTION 00445.12 AND ODOT SECTION 00445.47
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	POLYCAST 900	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	12/24/12	4267	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	POLYCAST TRENCH DRAIN FP 800 SERIES	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	10/12/12	4524	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	POLYCAST TRENCH DRAIN FP 1200 SERIES	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	10/12/12	4525	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	Z-882	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	12/12/12	2900	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	Z-886	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	12/12/12	2901	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	Z-888 12"	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	04/14/11	2245	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	Z-888 HIGH 18"	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	12/12/12	2245	A	REVIEW WITH STANDARDS ENGINEER

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED, MONOLITHIC	ACO HIGHWAY DRAIN HD200	ACO POLYMERS 888/490-9552 JEFF LIPP 425/770-0176	11/13/08	3650	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	POLYCAST 3000	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	10/12/12	4268	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	POLYCAST 900	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	10/12/12	4267	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	POLYCAST TRENCH DRAIN FP 1200 SERIES	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	10/12/12	4525	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	POLYCAST TRENCH DRAIN FP 800 SERIES	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	10/12/12	4524	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	POLYDRAIN INTERCEPTOR A-67 W/2552 GRATE	ABT, INC. 800/438-6057 BRAD SHORT 949/633-6111 NATHAN PAUL 443/956-9471	12/12/12	4421	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	POLYDRAIN INTERCEPTOR A-67 W/2542 GRATE	ABT, INC. 800/438-6057 BRAD SHORT 949/633-6111 NATHAN PAUL 443/956-9471	12/12/12	4420	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	TRENCH FORMER MHD 8"	ABT, INC. 800/438-6057 BRAD SHORT 949/633-6111 NATHAN PAUL 443/956-9471	12/12/12	4422	A	REVIEW WITH STANDARDS ENGINEER USES FOAM INSERT TO FORM CHANNEL IN CONCRETE
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	TRENCH FORMERMHD 12"	ABT, INC. 800/438-6057 BRAD SHORT 949/633-6111 NATHAN PAUL 443/956-9471	12/12/12	4423	A	REVIEW WITH STANDARDS ENGINEER USES FOAM INSERT TO FORM CHANNEL IN CONCRETE

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	Z-882	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	12/12/12	2900	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	Z-886	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	06/10/04	2901	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	Z-888 HIGH 12"	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	12/12/12	2245	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	Z-888 HIGH 18"	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	12/12/12	2245	A	REVIEW WITH STANDARDS ENGINEER
00470.00	INLET FRAME G-2, G-2M, G-2MA, CG-2	7739Z INLET FRAME G-2 MODEL: 00773911	EJ IRON WORKS Frank Ray 503/550-1828 800/626-4653	06/10/10	3967	A	
00470.00	INLET FRAME G-2, G-2M, G-2MA, CG-2	7739Z1 REVERSIBLE INLET FRM G2 MODEL: 00773913	EJ IRON WORKS Frank Ray 503/550-1828 800/626-4653	06/10/10	3968	A	
00470.00	INLET GRATE	DUCTILE INLET GRATE TYPE 3 I-4501-04	D&L FOUNDRY 509/765-7952	08/27/13	4635	A	DUCTILE IRON
00470.00	INLET GRATE G-1, CG-1	DUCTILE INLET GRATE G-1 I-4503-01	D&L FOUNDRY 509/765-7952	08/27/13	4655	A	
00470.00	INLET GRATE G-1, CG-1	DUCTILE INLET GRATE G-1 (1/2" ADA Slot) I-4503-02	D&L FOUNDRY 509/765-7952	08/27/13	4656	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00470.00	INLET GRATE G-2, G-2M, G-2MA, CG-2	EAST JORDAN INLET GRATE G-2 #00773935	EJ IRON WORKS Frank Ray 503/550-1828 800/626-4653	05/08/08	3617	A	
00470.00	INLET GRATE G-2, G-2M, G-2MA, CG-2	Inlet Grate G-2 I-4500-01	D&L FOUNDRY 509/765-7952	08/27/13	4634	A	DUCTILE IRON
00470.00	MANHOLE ADJUSTING RING	PRORING MH GRADE ADJUSTMENT FINISH RING	CRETEX SPECIALTY PRODUCTS 800/345-3764	12/24/12	4415	A	
00470.00	MANHOLE ADJUSTING RING	PRORING MH GRADE ADJUSTMENT ANGLR RING	CRETEX SPECIALTY PRODUCTS 800/345-3764	12/24/12	4417	A	
00470.00	MANHOLE ADJUSTING RING	PRORING MH GRADE ADJUSTMENT RING	CRETEX SPECIALTY PRODUCTS 800/345-3764	12/24/12	4416	A	
00470.00	MANHOLE COVER	16 HOLE 3 BOLT MANHOLE COVER A-2107-12	D&L FOUNDRY 509/765-7952	08/27/13	4644	A	
00470.00	MANHOLE COVER	16 HOLE MANHOLE COVER A-2107-01 A-2107-01	D&L FOUNDRY 509/765-7952	08/27/13	4642	A	
00470.00	MANHOLE COVER	2 HOLE 3 BOLT MANHOLE COVER A-2107-14	D&L FOUNDRY 509/765-7952	08/27/13	4645	A	
00470.00	MANHOLE COVER	2 HOLE SUB/STAN MANHOLE COVER A-2107-03	D&L FOUNDRY 509/765-7952	08/27/13	4643	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00470.00	MANHOLE COVER	EAST JORDAN 2603C3 #00260420	EJ IRON WORKS Frank Ray 503/550-1828 800/626-4653	05/08/08	3615	A	
00470.00	MANHOLE COVER	GMI 26" COMPOSITE COVER & FRAME	GMI COMPOSITES, INC 811/755-1611	12/24/10	4290	A	
00470.00	MANHOLE COVER	WATER TIGHT SUB/STAN MANHOLE COVER A-2107-15	D&L FOUNDRY 509/765-7952	08/27/13	4646	A	WATER TIGHT
00470.00	MANHOLE FRAME	3 BOLT STANDARD MANHOLE RING A-2108-R3	D&L FOUNDRY 509/765-7952	08/27/13	4650	A	
00470.00	MANHOLE FRAME	3 BOLT STANDARD MANHOLE RING A-2107-R3	D&L FOUNDRY 509/765-7952	08/27/13	4648	A	
00470.00	MANHOLE FRAME	EAST JORDAN 2603Z1 #00260315	EJ IRON WORKS Frank Ray 503/550-1828 800/626-4653	05/08/08	3616	A	
00470.00	MANHOLE FRAME	GMI 26" COMPOSITE COVER & FRAME	GMI COMPOSITES, INC 811/755-1611	12/24/10	4290	A	LOCKING MANHOLE FRAME AND COVE USED TOGETHER
00470.00	MANHOLE FRAME	STANDARD BOLTED GASKETED MANHOLE RING A-2110-R3	D&L FOUNDRY 509/765-7952	08/08/14	4774	A	WATER TIGHT
00470.00	MANHOLE FRAME	STANDARD BOLTED MANHOLE RING A-2110-R2	D&L FOUNDRY 509/765-7952	08/08/14	4773	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00470.00	MANHOLE FRAME	STANDARD MANHOLE RING A-2110-R1	D&L FOUNDRY 509/765-7952	08/08/14	4772	A	
00470.00	MANHOLE FRAME	STANDARD MANHOLE RING A-2108-R1	D&L FOUNDRY 509/765-7952	08/27/13	4649	A	
00470.00	MANHOLE FRAME	SUBURBAN MANHOLE RING A-2107-R2	D&L FOUNDRY 509/765-7952	08/27/13	4647	A	
00470.00	MANHOLE RISER RING	1 1/2" PAVING RISER G-2051-R1	D&L FOUNDRY 509/765-7952	08/27/13	4637	A	
00470.00	MANHOLE RISER RING	1 1/4" PAVING RISER G-2050-R1	D&L FOUNDRY 509/765-7952	08/27/13	4636	A	
00470.00	MANHOLE RISER RING	2 1/2" PAVING RISER G-2052-R2	D&L FOUNDRY 509/765-7952	08/27/13	4639	A	
00470.00	MANHOLE RISER RING	2" PAVING RISER G-2052-R1	D&L FOUNDRY 509/765-7952	08/27/13	4638	A	
00470.00	MANHOLE RISER RING	3" PAVING RISER G-2053-R1	D&L FOUNDRY 509/765-7952	08/27/13	4640	A	
00470.00	MANHOLE RISER RING	4" PAVING RISER G-2054-R1	D&L FOUNDRY 509/765-7952	08/27/13	4641	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00470.00	MANHOLE RISER RING	INFRA-RISER	EJ IRON WORKS Frank Ray 503/550-1828 800/626-4653	01/10/08	3546	A	RECYCLED RUBBER COMPOSITE.
00470.00	MANHOLE RISER RING	LADTECH HDPE M.H. RISER RING	LADTECH - DWIGHT 877/235-7464 LEWIS TITUS 541/948-4458 OR 541/389-1975	09/10/98	1730	A	RECYCLED PLASTIC HDPE. MFG SAYS SPECIAL GROOVE IS NECESSARY TO FIT OUR MUD RINGS. SEE LEWIS TITUS.
00470.00	MANHOLE RISER RING	WHIRLYGIG MANHOLE COLLAR	WHIRLYGIG COMPANY 800/307-4263	04/13/00	2156	A	CUSTOM TRIMMED THERMOPLASTIC CONCRETE FORM SYSTEM.
00470.00	MANHOLE, PLASTIC NON-TRAFFIC AREAS	RHINO HDPE MANHOLES	RHINO USA OF OREGON 877/857-4817 OR 541/269-9964	06/14/01	2208	A	HDPE POLYETHYLENE, TYPE III, CAT 3, CLASS B, PER ASTM D3350 FOR NON TRAFFIC AREAS ONLY.
00470.00	PVC INLET	NYLOPLAST DRAIN BASIN	NYLOPLAST, A DIV OF ADS DEREK VON CANNON 801/419-1720 866/888-8479	02/08/07	2786	A	NON-WHEEL TRACK USING APPROVED FRAME/GRATES. NO INTERSTATES. MIN COVER: 2', MAX DEPTH: 8'. 18", 24", & 30" DIA ONLY.
00470.00	PVC INLET CG-2	NYLOPLAST CURB INLET CG-2	NYLOPLAST, A DIV OF ADS DEREK VON CANNON 801/419-1720 866/888-8479	02/08/07	2787	A	NON-WHEEL TRACK USING APPROVED FRAME/GRATES. NO INTERSTATES. MIN COVER: 2', MAX DEPTH: 8'. 18", 24", & 30" DIA ONLY.
00470.00	PVC INLET G-1 & G-2	NYLOPLAST ROAD & HWY BASIN	NYLOPLAST, A DIV OF ADS DEREK VON CANNON 801/419-1720 866/888-8479	02/08/07	2785	A	NON-WHEEL TRACK USING APPROVED FRAME/GRATES. NO INTERSTATES. MIN COVER: 2', MAX DEPTH: 8'. 18", 24", & 30" DIA ONLY.
00512.14	SYNTHETIC SLURRY	SHORE PAC	CETCO CONSTRUCTION DRILLING 800/527-9948 OR 847/392-5800 WAS CALLED SHORE PAC GCV 5/08	08/10/06	3345	A	
00512.14	SYNTHETIC SLURRY	SLURRY PRO CDP	KB INTERNATIONAL 423/266-6964 SINCLAIR 562/403-3559	08/10/06	3343	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00512.14	SYNTHETIC SLURRY	SUPER MUD	PDS COMPANY 562/634-8180	08/10/06	3344	A	
00512.14	SYNTHETIC SLURRY	TERRAGEL	GEO-TECH SERVICES 210/587-4758	08/10/06	3346	A	Was Novagel Name Change 2013
00520.00	PILE TIPS HP10X42	HP77600-B-18# 10"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	3359	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP10X42	HP77750-B 10"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2500	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP10X42	SUPER BITE POINT PAR10T	ASSOCIATED PILE & FITTING 800/526-9047	05/12/11	4364	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP10X42	VERSA STEEL VS310N	VERSA STEEL 800/678-0814	03/13/03	2770	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP10X57	HP77600-B-18# 10"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	3359	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP10X57	VERSA STEEL VS310N	VERSA STEEL 800/678-0814	03/13/03	2770	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X53	HP77600-B-30# 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	3360	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00520.00	PILE TIPS HP12X53	HP77750-B 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2541	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X53	HP7780-B 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2501	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X53	SUPER BITE POINT PAR12T	ASSOCIATED PILE & FITTING 800/526-9047	05/12/11	4365	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X53	VERSA STEEL VS312N	VERSA STEEL 800/678-0814	03/13/03	2771	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X63	HP77600-B-30# 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	3360	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X63	SUPER BITE POINT PAR12T	ASSOCIATED PILE & FITTING 800/526-9047	05/12/11	4365	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X63	VERSA STEEL VS312N	VERSA STEEL 800/678-0814	03/13/03	2771	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X74	HP77600-B-30# 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	3360	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X74	HP77750-B 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2541	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00520.00	PILE TIPS HP12X74	SUPER BITE POINT PAR12T	ASSOCIATED PILE & FITTING 800/526-9047	05/12/11	4365	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X74	VERSA STEEL VS312N	VERSA STEEL 800/678-0814	03/13/03	2771	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X84	HP77600-B-30# 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	3360	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X84	VERSA STEEL VS312N	VERSA STEEL 800/678-0814	03/13/03	2771	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X102	HP77600-B-46 14"	ASSOCIATED PILE & FITTING 800/526-9047	04/12/07	3471	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X102	HP77750-B 14"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2542	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X102	VERSA STEEL VS314-117N	VERSA STEEL 800/678-0814	03/13/03	2773	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X117	HP77600-B-46 14"	ASSOCIATED PILE & FITTING 800/526-9047	04/12/07	3471	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X117	HP77750-B 14"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2542	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00520.00	PILE TIPS HP14X117	VERSA STEEL VS314-117N	VERSA STEEL 800/678-0814	03/13/03	2773	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X73	HP77600-B 14"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2502	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X73	HP77600-B-46 14"	ASSOCIATED PILE & FITTING 800/526-9047	04/12/07	3471	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X73	HP77750-B 14"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2542	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X73	SUPER BITE POINT PAR14T	ASSOCIATED PILE & FITTING 800/526-9047	05/12/11	4366	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X73	VERSA STEEL VS314-117N	VERSA STEEL 800/678-0814	01/12/06	2773	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X73	VERSA STEEL VS314-89N	VERSA STEEL 800/678-0814	03/13/03	2772	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X89	HP77600-B 14"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2502	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X89	HP77600-B-46 14"	ASSOCIATED PILE & FITTING 800/526-9047	04/12/07	3471	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00520.00	PILE TIPS HP14X89	HP77750-B 14"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2542	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X89	SUPER BITE POINT PAR14T	ASSOCIATED PILE & FITTING 800/526-9047	05/12/11	4366	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X89	VERSA STEEL VS314-117N	VERSA STEEL 800/678-0814	01/12/06	2773	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X89	VERSA STEEL VS314-89N	VERSA STEEL 800/678-0814	03/13/03	2772	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00530.00	REBAR MANUFACTURER	ARCELORMITTAL-VINTON TX	ARCELORMITTAL-VINTON TX 915/231-4553	03/11/10	1841	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES. WAS BORDER STEEL.
00530.00	REBAR MANUFACTURER	CASCADE STEEL ROLLING MILLS	CASCADE STEEL ROLLING MILLS 800/283-2776 OR 503/222-6824	01/25/94	1111	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	CMC STEEL - MESA AZ	CMC STEEL - MESA AZ 480/396-7127	03/11/10	4118	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	EVRAZ INC, NA	EVRAZ 719/561-6009	07/08/10	1621	A	COILED REBAR #3-#6 WAS CF& I THEN ROCKY MOUNTAIN STEEL, THEN EVRAS.
00530.00	REBAR MANUFACTURER	GERDAU AMERISTEEL - BEAUMONT COILED #3 - #5	GERDAU AMERISTEEL 409/474-1999	01/06/15	4838	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00530.00	REBAR MANUFACTURER	GERDAU AMERISTEEL - RANCHO CUCAMONGA	GERDAU AMERISTEEL 909/899-0660	08/05/98	1842	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES. WAS TAMCO STEEL
00530.00	REBAR MANUFACTURER	GERDAU AMERISTEEL - ST. PAUL	GERDAU AMERISTEEL 651/731-5644	01/27/97	1623	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	GERDAU AMERISTEEL - WILTON	GERDAU AMERISTEEL 537/732-4552	09/11/08	1622	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	NUCOR - SEATTLE	NUCOR CORPORATION WINKY LAI 206/933-2288 800/428-9005	02/12/04	2935	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	NUCOR - UTAH	NUCOR CORPORATION 800/677-1012 OR 800/428-9005 801/458-3691	01/25/94	1112	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	NUCOR-KINGMAN AZ	NUCOR STEEL KINGMAN AZ 928/718/7035	03/09/11	4356	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES. COILED BAR
00530.00	REBAR MANUFACTURER EPOXY COATED	HARRIS REBAR EPOXY COATED REBAR	HARRIS REBAR 253/804-8884	12/09/14	4832	A	
00530.00	REBAR MANUFACTURER EPOXY COATED	WESTERN COATING, INC.	WESTERN COATING, INC. TOM WHITISH 800/835-0576	05/12/94	1115	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.42	SPLICE, BUTT, MECHANICAL TYPE 1	BARGRIP STD. TYPE 1	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	10/04/90	544	Q	#3 - #14 BLACK BAR ONLY NOT FOR COLUMN BARS FOR BRIDGE RAISING APPLICATIONS. (SWAGED)

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00530.42	SPLICE, BUTT, MECHANICAL TYPE 1	BARSPLICER XP	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	01/14/10	3946	Q	#4 - #11 COATED BAR THREADED WITH FLANGE
00530.42	SPLICE, BUTT, MECHANICAL TYPE 1	LENTON FORM SAVER SA	ERICO PRODUCTS INC. 440-248-0100	09/14/06	3353	Q	#4 - #8 THREADED WITH FLANGE
00530.42	SPLICE, BUTT, MECHANICAL TYPE 1	ZAP SCREWLOK - EPOXY	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	05/08/97	1628	Q	#3 - #14 COATED BAR
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	BARGRIP XL	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	01/14/10	3945	Q	#4 - #14 BLACK & COATED BAR NOT FOR COLUMN BARS FOR BRIDGE RAISING APPLICATIONS. (SWAGED)
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	BAR-LOCK L-SERIES	BAR-LOCK 800/755-4888 PART OF DAYTON SUPERIOR MATT CROSS 360/961-6888	08/12/93	1031	Q	#4 - # 14 BLACK BAR ONLY SHEAR BOLT TYPE
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	BARSPLICER XP	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	01/14/10	3946	Q	#4 - #11 BLACK BAR ONLY THREADED WITH FLANGE
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	BARTEC	DEXTRA AMERICA 877/327-0800	10/09/08	3595	Q	BLACK BAR ONLY COLD FORGED/THREADED
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	CADWELD REBAR SPLICE	ERICO PRODUCTS INC. 440/248-0100	05/01/88	1355	Q	#5, #8, #14 BLACK BAR ONLY METAL FILLED TYPE
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	GRIPTEC	DEXTRA AMERICA 877/327-0800	10/09/08	3594	Q	BLACK BAR ONLY SWAGED/THREADED

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	LENTON LOCK B1	ERICO PRODUCTS INC. 440/248-0100	06/11/09	3804	Q	#4 - #11 BLACK BAR ONLY SHEAR BOLT TYPE
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	LENTON POSITION P9	ERICO PRODUCTS INC. 440/248-0100	06/11/09	3806	Q	#4 - #18 BLACK BAR ONLY THREADED
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	LENTON STANDARD COUPLER A2	ERICO PRODUCTS INC. 440/248-0100	08/01/89	770	Q	#3 - #18 BLACK BAR ONLY. THREADED
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	TAPER THREADED GRIP-TWIST POSITION	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	26/13/	4597	Q	#5 - #18 BLACK BAR ONLY THREADED/SWAGED
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	TAPER THREADED GRIP TWIST	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	04/08/10	2784	Q	#4 - #18 BLACK BAR ONLY THREADED/SWAGED
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	ZAP SCREWLOK - TYPE 2	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	05/08/97	1628	Q	#3 - #14 BLACK BAR ONLY
00530.42	SPLICE, BUTT, MECHANICAL REBAR TRANSITION TYPE 2	LENTON A2 TRANSITION SPLICE	ERICO PRODUCTS INC. 440-248-0100	10/14/10	4219	Q	#3 - #14 BLACK BAR ONLY.
00530.42	SPLICE, BUTT, MECHANICAL REBAR TRANSITION TYPE 2	ZAP SCREWLOK TRANSITION	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	10/08/09	3925	Q	#4 - #14 BLACK BAR ONLY
00530.42	SPLICE, LAP, MECHANICAL TYPE 1	QUICK WEDGE	ERICO PRODUCTS INC. 440/248-0100	09/28/05	610	Q	#3 - #6 BLACK BAR ONLY 2 SPLICES REQUIRED FOR EACH LOCATION FOR ALL INSTALLATIONS

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00530.42	SPLICE, LAP, MECHANICAL TYPE 1	ZAP DOUBLE BARREL SCREWLOK	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	01/14/10	3358	Q	#4 - #7 BLACK & COATED BAR
00530.42	SPLICE, LAP, MECHANICAL REBAR TRANSITION TYPE 1	ZAP DOUBLE BARREL TRANSITION	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	10/08/09	3926	Q	#3 - #8 BLACK BAR ONLY
00535.10	CONCRETE ANCHOR, MECH VERY LOW STRENGTH DYNAMIC LOADINGS	POWER BOLT EXPANSION ANCHOR	POWERS FASTENERS ROBERT AURISY 800/524-3244 SALES NORTHWEST 206/762-5812	10/12/00	1975	Q	VERY LOW STRENGTH APPLICATIONS CK. SPECS AND MFG INSTRUCTIONS OF RECORD. NOT AN EQUAL TO LO STRENGTH. GALV/STAINLESS.
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	ACRYLIC TIE MMA	SIMPSON STRONG-TIE DEREK HARDY 206/304-1842 800-999-5099 WHITE CAP 503/287-4151	07/10/08	2265	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	AWA-GEL EPOXY	E-Chem, LLC James High 505/217-2121	05/22/13	4653	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	COVERT CIA-GEL 7000 EPOXY	USP STRUCTURAL CONNECTORS JENNIFER TUREK 507/364-8368 800/328-5934	06/12/08	724	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	EDOT EPOXY-TIE EPOXY	SIMPSON STRONG-TIE DEREK HARDY 206/304-1842 800-999-5099 WHITE CAP 503/287-4151	09/10/09	3685	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEK OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	EP-GEL FAST EPOXY	E-Chem, LLC James High 505/217-2121	05/22/13	4651	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	FIXMASTER ANCHOR BOLT GROUT HP EPOXY	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	05/12/14	4451	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	HILTI HIT HY-150 MAX HYBRIDIZED EPOXY	HILTI, INC. 800/879-8000 TIM NORDSTROM 206/330-8055 ZACK CLINARD 503/701-4429	03/10/11	4163	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	HILTI HIT RE500 EPOXY	HILTI, INC. 800/879-8000 TIM NORDSTROM 206/330-8055 ZACK CLINARD 503/701-4429	07/10/08	2519	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	HILTI HTE 50 EPOXY	HILTI, INC. 800/879-8000 TIM NORDSTROM 206/330-8055 ZACK CLINARD 503/701-4429	09/10/09	3947	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	HILTI HVU ADHESIVE CAPSULE VINYL-URETHANE METHACRYLATE	HILTI, INC. 800/879-8000 TIM NORDSTROM 206/330-8055 ZACK CLINARD 503/701-4429	07/10/08	1787	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	HILTI HY-150 METHACRYLATE/CEMENT	HILTI, INC. 800/879-8000 TIM NORDSTROM 206/330-8055 ZACK CLINARD 503/701-4429	07/10/08	1788	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	PE1000+	POWERS FASTENERS ROBERT AURISY 800/524-3244 SALES NORTHWEST 206/762-5812	10/08/09	3927	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	PECORA DYNAPOXY EP-430 FAST EPOXY	PECORA CORP 215/799-7557 ATLAS SUPPLY 800/806-7952	03/10/11	4200	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	POWERS T308+ EPOXY	POWERS FASTENERS ROBERT AURISY 800/524-3244 SALES NORTHWEST 206/762-5812	11/12/09	4000	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	PRO-POXY 300 FAST EPOXY	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	06/11/09	1726	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	PRO-POXY 400 EPOXY ACRYLATE	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	07/10/08	2515	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	PURE 110+ EPOXY	POWERS FASTENERS ROBERT AURISY 800/524-3244 SALES NORTHWEST 206/762-5812	01/27/15	4552	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	SIMPSON SET EPOXY	SIMPSON STRONG-TIE DEREK HARDY 206/304-1842 800/999-5099 WHITE CAP 503/287-4151	07/10/08	1702	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	ULTRABOND 1 (WAS ULTRABOND AT) EPOXY	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	07/10/08	1285	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	ULTRABOND HS 200 WAS ANCHOR-IT HS 200 EPOXY	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	06/12/08	185	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	FIXMASTER ANCHOR BOLT GROUT HP EPOXY	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	05/12/14	4451	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	HAMMER - CAPSULE EPOXY ACRYLATE	POWERS FASTENERS ROBERT AURISY 800/524-3244 SALES NORTHWEST 206/762-5812	07/10/08	2408	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	LIQUID ROC 300 CAPSULES POLYESTER	MKT FASTENING 800/336-1640 NORTHCOAST MANUFACTURER AGENCY JOHN STONE 206/366-8980 WILLIAMS CONCRETE 800/255-0560	07/10/08	105	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	RED HEAD EPCON G5 EPOXY.	ITW REDHEAD 800/899-7890	07/10/08	2747	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	SIMPSON ET-HP EPOXY (POLY ALL PAC-24) (ET)	SIMPSON STRONG-TIE DEREK HARDY 206/304-1842 800-999-5099 WHITE CAP 503/287-4151	05/18/12	1001	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	ULTRABOND 2 (WAS ULTRABOND ET) EPOXY	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	07/10/08	1284	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	ULTRABOND 4CC EPOXY	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	05/12/14	4702	Q	LOW STRENGTH APPLICATIONS ONLY
00538.10	BONDING AGENT, EPOXY	SPECPOXY 1000	SPECCHEM LLC 816/968-5600 WHITE CAP 503/287-4151	06/13/14	4780	A	
00538.10	BONDING AGENT, EPOXY	SPECPOXY 2000	SPECCHEM LLC 816/968-5600 WHITE CAP 503/287-4151	06/13/14	4782	A	
00538.10	CRACK INJECTION EPOXY	CSS LOW VISCOSITY GROUT	CHEMCO SYSTEMS 800/757-6773 650/261-3790	10/09/08	2977	A	
00538.10	CRACK INJECTION EPOXY	CSS STANDARD GROUT	CHEMCO SYSTEMS 800/757-6773 650/261-3790	07/12/07	2976	A	
00538.10	CRACK INJECTION EPOXY	KEMKO 038 REG IR	CHEMCO SYSTEMS 800/757-6773 650/261-3790	03/09/06	3255	A	SAME AS KONTEK GROUT 103REG IR FOR CRACKS UP TO 0.25" WIDE. AUTOMATIC INJECTION SYSTEMS. TYPE IV,GRADE 1,CLASS B&C>50F.
00538.10	CRACK INJECTION EPOXY	KEMKO 068 LV IR	CHEMCO SYSTEMS 800/757-6773 650/261-3790	03/09/06	3254	A	SAME AS KONTEK GROUT III LV IR FOR CRACKS UP TO 0.25" WIDE. AUTOMATIC INJECTION SYSTEMS. TYPE IV, GRADE 1, CLASS B&C.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00538.10	CRACK INJECTION EPOXY	KONTEK GROUT 103 REG IR	CONTECH SYSTEMS 650/261-3790 PETE BARLOW 206/763-9877 DON ELLSWORTH 503/223-9817	03/10/05	1569	A	FOR CRACKS UP TO 0.25" WIDE. TWO COMPONENT EPOXY. AUTOMATIC INJECTION SYSTEMS. TYPE IV,GRADE 1,CLASS B&C>50F.
00538.10	CRACK INJECTION EPOXY	KONTEK GROUT 111 LV-IR	CONTECH SYSTEMS 650/261-3790 PETE BARLOW 206/763-9877 DON ELLSWORTH 503/223-9817	03/10/05	1568	A	FOR CRACKS UP TO 0.25" WIDE. TWO COMPONENT EPOXY. AUTOMATIC INJECTION SYSTEMS. TYPE IV, GRADE 1, CLASS B&C.
00538.10	CRACK INJECTION EPOXY	PRO-POXY 100 WAS CALLED PRO-POXY 100LV	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	07/10/08	891	A	TYPE I/III, GRADE B, CLASS B/C BONDS HARD TO HARD, OR HARD TO FRESH CONCRETES. LOW VISCOSITY USE BETWEEN 40 & 60 DEG F.
00538.10	CRACK INJECTION EPOXY	SIKADUR 52	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	11/13/08	548	A	AASHTO TYPES I AND IV.
00538.10	CRACK INJECTION, EPOXY	DURAL 452 LV	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/17/14	4752	A	
00540.45	FORM TIE, NON-METALLIC	SUPERTIE FIBERGLASS FORM TIE	RJD INDUSTRIES, INC. 800/344-4753 WILLIAMS CONCRETE 800/255-0560	03/01/89	405	A	QUALIFIED BY BRIDGE. ALTERNATE TO EXTRA CONCRETE COVER IN MARINE ENVIRONMENT (DUE TO CORROSION OF METAL SNAP TIES)
00556.10	MULTI-LAYER POLYMER CONCRETE OVERLAY EPOXY	EPX50-OVERLAY	E-Chem, LLC James High 505/217-2121	06/04/15	4654	A	NOT PART OF 2007 RESEARCH PROJECT WALKER OVERPASS TEST DECK
00556.10	MULTI-LAYER POLYMER CONCRETE OVERLAY EPOXY	FLEXOLITH	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/10/08	230	A	USE MPCO 00556.20 AGG. FROM QPL AS RECOMMENDED BY EPOXY SUPPLIER REP WAS FLEXOLITH 216
00556.10	MULTI-LAYER POLYMER CONCRETE OVERLAY EPOXY	PRO-POXY TYPE III DOT	Unitex by Dayton Superior STEVE HACKWORTH 253/245-0263 WILLIAMS FORM ENG 800/255-0560	06/10/10	1920	A	USE MPCO 00556.20 AGG. FROM QPL AS RECOMMENDED BY EPOXY SUPPLIER REP.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00556.10	MULTI-LAYER POLYMER CONCRETE OVERLAY EPOXY	SAFELANE HDX	CARGILL 952/448-6808	01/10/08	3414	A	USE DOLOMITE LIMESTONE
00556.20	MULTI-LAYER POLYMER CONCRETE OVERLAY AGGREGATE	48 BRIDGE TOPPING	MANUFACTURERS MINERAL COMPANY 425/228-2120	01/14/14	4729	A	
00556.20	MULTI-LAYER POLYMER CONCRETE OVERLAY AGGREGATE	6X10 BRIDGE TOPPING	MANUFACTURERS MINERAL COMPANY 425/228-2120	01/14/14	4728	A	
00556.20	MULTI-LAYER POLYMER CONCRETE OVERLAY AGGREGATE	ARMORSTONE 416-FH	WASHINGTON ROCK QUARRIES 253/262-1661	01/14/14	4726	A	
00556.20	MULTI-LAYER POLYMER CONCRETE OVERLAY AGGREGATE	ARMORSTONE 416-NM	WASHINGTON ROCK QUARRIES 253/262-1661	01/14/14	4725	A	
00556.20	MULTI-LAYER POLYMER CONCRETE OVERLAY AGGREGATE	ARMORSTONE PC-410	WASHINGTON ROCK QUARRIES 253/262-1661	01/14/14	4724	A	
00556.20	MULTI-LAYER POLYMER CONCRETE OVERLAY AGGREGATE	ARMORSTONE US-416	WASHINGTON ROCK QUARRIES 253/262-1661	01/14/14	4723	A	
00556.20	MULTI-LAYER POLYMER CONCRETE OVERLAY AGGREGATE	SAFELANE DOLOMITE	CARGILL 952/448-6808	01/14/14	4730	A	
00556.20	MULTI-LAYER POLYMER CONCRETE OVERLAY AGGREGATE	TAMMS BASALT #8	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/14/14	4727	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00565.00	FRP BRIDGE STRENGTHENING	FIBERBOND VELACARB VELACARB 335U / VELOXX LR	EDGE STRUCTURAL COMPOSITES 510/233-2854	09/11/03	2681	Q	MET CALTRANS REQUIREMENTS.
00565.00	FRP BRIDGE STRENGTHENING	MBT MBRACE CF 130 WAS WABOMBRACE CF130 CFRP	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	2613	Q	MET CALTRANS REQUIREMENTS.
00565.00	FRP BRIDGE STRENGTHENING	MBT MBRACE CF 160	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	02/11/10	3720	Q	APPROVED BY BRIDGE SECTION.
00565.00	FRP BRIDGE STRENGTHENING	SCH 41 / TYFO CFRP	FYFE CO LLC 858/642-0694 EXT 13	06/13/02	2611	Q	MET CALTRANS REQUIREMENTS.
00565.00	FRP BRIDGE STRENGTHENING	SIKA CARBODUR CFRP	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	06/13/02	2612	Q	MET CALTRANS REQUIREMENTS.
00565.00	FRP BRIDGE STRENGTHENING	VELACARB 600U	EDGE STRUCTURAL COMPOSITES 510/233-2854	06/10/10	4073	Q	APPROVED BY BRIDGE SECTION. TWICE AS THICK AS VELACARB 335
00582.10	COMPOSITE - DISC, FIXED REVIEWED FOR 2008 SPECS	DISKTRON	R.J. WATSON, INC. 716/691-3301	10/09/08	1509	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - DISC, FIXED REVIEWED FOR 2008 SPECS	VERSIFLEX HLMR FIXED DISC	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3883	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - DISC, GUIDED REVIEWED FOR 2008 SPECS	DISKTRON	R.J. WATSON, INC. 716/691-3301	10/09/08	1509	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00582.10	COMPOSITE - DISC, GUIDED REVIEWED FOR 2008 SPECS	VERSIFLEX HLMR GUIDED DISC	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3884	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - DISC, NON GUI REVIEWED FOR 2008 SPECS NON-GUIDED	DISKTRON	R.J. WATSON, INC. 716/691-3301	10/09/08	1509	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - DISC, NON GUI REVIEWED FOR 2008 SPECS NON-GUIDED	VERSIFLEX HLMR NON-GUIDED DISC	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3885	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - POT, FIXED REVIEWED FOR 2008 SPECS	TECHSTAR POT BEARING - TF	TECHSTAR, INC WARREN BROWN 419/424-0888	10/08/09	1069	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - POT, FIXED REVIEWED FOR 2008 SPECS	VERSIFLEX HLMR FIXED POT	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3886	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - POT, GUIDED REVIEWED FOR 2008 SPECS	TECHSTAR POT BEARING - TC	TECHSTAR, INC WARREN BROWN 419/424-0888	10/08/09	1069	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - POT, GUIDED REVIEWED FOR 2008 SPECS	VERSIFLEX HLMR GUIDED POT	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3887	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - POT, NON GUID REVIEWED FOR 2008 SPECS NON-GUIDED	TECHSTAR POT BEARING - TA	TECHSTAR, INC WARREN BROWN 419/424-0888	10/08/09	1069	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - POT, NON GUID REVIEWED FOR 2008 SPECS NON-GUIDED	VERSIFLEX HLMR NON-GUIDED POT	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3888	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00582.10	COMPOSITE-SLIDING GUIDED GUIDED	FABREEKA PTFE PAD	FABREEKA INTERNATIONAL 800/322-7352	06/10/10	3199	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE-SLIDING NON GUI NON-GUIDED	FABREEKA PTFE PAD	FABREEKA INTERNATIONAL 800/322-7352	06/10/10	3199	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	ELASTOMERIC - PLAIN	ALERT PLAIN ELASTOMERIC BRG.	ALL STATE INDUSTR / ALERT MFG. 847/350-0460	05/12/11	4291	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	ELASTOMERIC - PLAIN	SCOUGAL 60 DUROMETER PLAIN PAD	SCOUGAL RUBBER 206/763-2650	02/11/10	4093	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	ELASTOMERIC - PLAIN	SEP PLAIN ELASTOMERIC BRG	SEISMIC ENERGY PRODUCTS 510/749-1320	09/09/10	4173	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	ELASTOMERIC - PLAIN REVIEWED FOR 2008 SPECS	VERSIFLEX PLAIN ELASTOMERIC	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3881	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	ELASTOMERIC - STEEL REINF	SCOUGAL 60 DUROMETER LAM PAD	SCOUGAL RUBBER 206/763-2650	02/11/10	4092	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	ELASTOMERIC - STEEL REINF	SEP LAMINATED ELASTOMERIC BRG	SEISMIC ENERGY PRODUCTS 510/749-1320	09/09/10	4177	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	ELASTOMERIC - STEEL REINF REVIEWED FOR 2008 SPECS	VERSIFLEX STEEL-ELASTOMERIC	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3882	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00584.10	ELASTOMERIC CONCRETE FOR PAVING DAMS	DELCRETE 1492 URETHANE W/FIBERGLASS & SAND.	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503/646-0801	05/01/89	406	Q	SAND AND FIBERGLASS. NOT TO BE CONFUSED WITH DEL-AGG, WHICH IS NOT APPROVED. DEL-AGG HAS LARGER ROCK & NO FIBERGLASS.
00584.10	ELASTOMERIC CONCRETE FOR PAVING DAMS	PLY-KRETE FS POLYURETHANE MOD. (3 PART)	Polyset Company 518/664-6000 Williams Concrete Acc.503/286-3647	07/25/13	4612	Q	FOLLOW MFG RECOMMENDATIONS.
00584.10	ELASTOMERIC CONCRETE FOR PAVING DAMS	WABOCRETE II POLYURETHANE (3 PARTS)	WATSON BOWMAN ACME 800/677-4922	10/14/04	1444	Q	FOLLOW MFG RECOMMENDATIONS. COLD APPLIED - SELF LEVELING CURE:2 HRS. MUST HAVE SOUND CONCRETE UNDER INSTALLATION.
00585.10	EXPANSION JOINT SYSTEM, ASPHALTIC PLUG FOR MOVEMENTS OF < 1 1/2"	THORMA-JOINT OK FOR 2008 SPECS	DYNAMIC SURFACE APPLICATIONS 800/491-5663	02/12/09	1570	Q	SIMILAR TO BJS EXCEPT FOR BINDER / AGGREGATE.
00585.10	EXPANSION JOINT SYSTEM, COMPRESSION FOR MOVEMENTS OF < 1 3/4"	DELASTIC SEAL - CV SERIES OK FOR 2008 SPECS	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503/646-0801	06/10/10	620	Q	SUBMIT SHOP DRAWINGS TO BRIDGE POLYCHLOROPRENE (NEOPRENE)BASE
00585.10	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	STEELFLEX MODULAR EXPANS JOINT OK FOR 2008 SPECS	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503/646-0801	06/10/10	4128	Q	ANCHOR PER DET3150 SUBMIT DRAWINGS TO BRIDGE. MODELS: D160, D240, D320, D400 D480. OTHERS WITH EOR APPROVAL
00585.10	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	TECHSTAR LR (ROBEK) MEJS OK FOR 2008 SPECS.	TECHSTAR, INC WARREN BROWN 419/424-0888	03/10/11	4171	Q	SEND DRAWINGS TO BRIDGE. ANCHOR PER DET3150. LK VERSION REJECTED, BOX SHAPE ALSO SEE ID# 356.
00585.10	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	WABO MODULAR-STM W/SE GLAND OK FOR 2008 SPECS.	WATSON BOWMAN ACME 800/677-4922	03/10/11	616	Q	STM SERIES WITH SE GLAND. SEND DRAWINGS TO BRIDGE. ANCHOR PER DET3150.
00585.10	EXPANSION JOINT SYSTEM, NEOPRENE COMPRESSION FOR MOVEMENTS OF < 1 3/4"	WABO COMPRESSION SEAL "WA"	WATSON BOWMAN ACME 800/677-4922	01/18/91	501	Q	SUBMIT SHOP DRAWINGS TO BRIDGE SECTION FOR EACH PROJECT. BASE OF POLYCHLOROPRENE.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00585.10	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	RJ SERIES STRIP SEAL TYPE A EXTRUSION, S-400 SEAL	R.J. WATSON, INC. 716/691-3301	06/11/09	1006	Q	SUBMIT DRAWINGS TO BRIDGE. ANCHOR PER BR145. OKAY FOR 2008 SPECS.
00585.10	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	STEELFLEX SSPA W/L2-400,L2-500 OK FOR 2008 SPECS	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503/646-0801	06/10/10	1343	Q	ANCHOR PER BR145. DRWS TO BR. CONTRACTOR RESONSIBLE FOR ADD'L FORMING NECESSARY SINCE RAIL SHORTER THAN SD.
00585.10	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	WBA STRIP SEAL TYPE-P SE GLAND	WATSON BOWMAN ACME 800/677-4922	03/08/07	3142	Q	ANCHOR PER BR145. CONTRACTOR RESPONSIBLE FOR ADD'L FORMING NECESSARY SINCE RAIL SHORTER THAN SD.
00591.00	SPRAY WATERPROOFING MEMBRANE WARRANTED LIQUID	MARK - 155 UREGRID SYSTEM	POLY-CARB, INC DAN PATACCA 216/536-7777 FIELD OPT. 330/405-3311	03/14/12	4482	Q	MARK 155 SEALER & QUARTZ SAND MARK 155 MEMBRANE MARK 154 OVERLAY & AGGREGATE
00594.11	NON-FERROUS COATING 2 COAT - NON FERROUS	SYSTEM NFC-1	CARBOLINE 800/848-4645 -2064	10/12/06	3378	Q	PRIMER-GALOSEAL WB LO GLOSS TOP-CARBOTHANE 133HB HI GLOSS TOP-CARBOTHANE 134HS
00594.11	NON-FERROUS COATING 2 COAT - NON FERROUS	SYSTEM NFC-3	WASSER 360/866-4517 800/627-2968	07/08/10	3380	Q	PRIMER-FERROX B 2.8 LO GLOSS TOP-FERROX A 2.8 HI GLOSS TOP-LUSTER 2.8
00594.11	REHAB COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM RC-2	WASSER 360/866-4517 800/627-2968	07/08/10	3377	Q	PRIMER-MC MIOZINC 2.8 INTERMEDIATE-FERROX B 2.8 LO GLOSS TOP-FERROX A 2.8 HI GLOSS TOP-LUSTER 2.8
00594.11	SHOP & MAINT COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM SMC-1	CARBOLINE 800/848-4645 -2064	10/12/06	3372	Q	PRIMER-CARBOZINC 859 INTERMEDIATE-CARBOGUARD 888 LO GLOSS TOP-CARBOTHANE 133HB HI GLOSS TOP-CARBOTHANE 134HS
00594.11	SHOP & MAINT COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM SMC-2	SHERWIN WILLIAMS 360/609-1879 JOHN REISER 360/931-4645 ERIC ZIMMERMAN 503/804-6924	10/12/06	3373	Q	PRIMER-ZINC CLAD III HS INTERMEDIATE-MACROPOXY 646 LO GLOSS TOP-ACROLON 218HS HI GLOSS TOP-ACROLON 218HS

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00594.11	SHOP & MAINT COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM SMC-4	WASSER 360/866-4517 800/627-2968	07/08/10	3375	Q	PRIMER-MC ZINC 2.8 INTERMEDIATE-FERROX B 2.8 LO GLOSS TOP-FERROX A 2.8 HI GLOSS TOP-LUSTER 2.8
00594.11	SHOP COATING 3 COAT SYSTEM W/INORGANIC ZINC	SYSTEM SC-1	CARBOLINE 800/848-4645 -2064	10/12/06	3370	Q	PRIMER-CARBOZINC 11HS INTERMEDIATE-CARBOGUARD 893 LO GLOSS TOP-CARBOTHANE 133HB HI GLOSS TOP-CARBOTHANE 134HS
00594.11	SHOP COATING 3 COAT SYSTEM W/INORGANIC ZINC	SYSTEM SC-2	INTERNATIONAL PC 858/547-8810	10/12/06	3371	Q	PRIMER-INTERZINC 22HS INTERMEDIATE-INTERGARD 475HS LO GLOSS TOP-INTERTHANE 870 HI GLOSS TOP-INTERTHANE 870HS
00594.12	STRUCTURAL STEEL CAULK	FLEXBIBLE SEAL	AC PRODUCTS 800/238-4204	11/08/07	3385	Q	
00594.12	STRUCTURAL STEEL CAULK	SIKAFLEX 1A	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916	11/08/07	3381	Q	
00594.12	STRUCTURAL STEEL CAULK	STAMPEDE 1	SHERWIN WILLIAMS 360/609-1879 JOHN REISER 360/931-4645 ERIC ZIMMERMAN 503/804-6924	10/11/07	3383	Q	
00594.13	CHLORIDE REMOVER	CHLOR*RID	CHLOR*RID INTER.,INC 800/422-3217	01/21/14	4731	A	SHALL BE DEEMED COMPATIBLE WITH COATING SYSTEM, BY THE COATING SYSTEM MANUFACTURE
00594.13	CHLORIDE REMOVER	HOLDTIGHT 102	HOLDTIGHT SOLUTIONS 800/319-8802	01/21/14	4732	A	SHALL BE DEEMED COMPATIBLE WITH COATING SYSTEM, BY THE COATING SYSTEM MANUFACTURE
00597.11	FILLERS & SEALERS FILLER	READY TO APPLY BLOCK FILLER B25W25	SHERWIN WILLIAMS 360/609-1879 JOHN REISER 360/931-4645 ERIC ZIMMERMAN 503/804-6924	12/10/93	1718	A	BLOCK FILLER FOR USE ON CONCRETE BLOCK BUILDINGS. FOR VERTICAL FACE, ABOVE GRADE SAME AS PREP-RITE B25W25.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00597.11	FILLERS & SEALERS FILLER	SPRAYABLE SMOOTH BLOCK FILLER 501901	RODDA PAINT 12000 SW GARDEN PLACE PORTLAND OR 97232 503/521-4300	05/01/88	1310	A	WHITE, BLOCK FILLER FOR USE ON CONCRETE BLOCK BUILDINGS. VERTICAL FACES, ABOVE GRADE.
00597.11	WATERPROOFING - CAP	SHERLASTIC ELASTOMERIC WATERPROOFING COATING A5	SHERWIN WILLIAMS 360/609-1879 JOHN REISER 360/931-4645 ERIC ZIMMERMAN 503/804-6924	05/01/88	1719	A	SEALER FOR USE ON CONCRETE BLOCK BUILDINGS / WALLS. GOOD FOR TOP CAP.
00597.11	WATERPROOFING - CAP	SUPER ROFLEX ELASTOMERIC COAT. 511301	RODDA PAINT 12000 SW GARDEN PLACE PORTLAND OR 97223 503/521-4300	05/01/88	1309	A	WHITE, TOP SEALER FOR USE ON CONCR BLOCK BUILDINGS / WALLS. MAINTAIN 15 MILS (DRY) AFTER 2 COATS.
00745.00	ASPHALT COLD PATCH - HP 50# BAGS	HP ASPHALT COLD PATCH # 34977	CRAFCO INC. 800/528-8242 GREG SHARP 971/645-1826	01/14/10	3952	A	COMPLIES WITH OUR SPECS.
00745.00	ASPHALT COLD PATCH - HP BUCKETS	INSTANT ROAD REPAIR	INTERNATIONAL ROADWAY RESEARCH 281/441-3558 TRAFFIC SAFETY 800/547-8518	06/13/02	1895	A	PART OF RESEARCH PROJECT 2002. WORKED WELL ON ROAD. PASSED LAB TESTS.
00745.00	ASPHALT COLD PATCH - HP BULK	BONDX	SEABOARD ASPHALT PRODUCTS CO. 3601 FAIRFIELD RD. BALTIMORE, MARYLAND 21226 SHAWN CAMPBELL 410/355-0330	06/13/02	1515	A	PART OF RESEARCH PROJECT 2002. WORKED WELL ON ROAD. PASSED LAB TESTS.
00745.00	ASPHALT COLD PATCH - HP BULK	TAG 8000	INFRATECH POLYMERS 604/888-8808	06/13/02	1265	A	PART OF RESEARCH PROJECT 2002. DID WELL ON THE ROAD. PASSED LAB TESTS.
00745.00	ASPHALT COLD PATCH - HP BULK	UPM COLD MIX	UNIQUE PAVING MATERIALS 800/441-4880 VEN: WILDISH CONSTRUCTION PORTER YETT 503/282-3251	06/13/02	831	A	PART OF RESEARCH PROJECT 2002. DID WELL ON THE ROAD. PASSED LAB TESTS.
00745.00	ASPHALT COLD PATCH - HP BULK AND BAGS	EZ STREET	LAKESIDE INDUSTRIES RICK RAWLINGS 425/313-2681 CHRIS KING 503/222-6421	08/08/02	2407	A	MEETS SPECS.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00745.00	ASPHALT COLD PATCH - HP BULK AND BAGS	PERMA PATCH	NATIONAL PAVING & CONTRACTING 410/764-7117 HOWARD SMUKLER 510/525-8961	06/13/02	2527	A	PART OF RESEARCH PROJECT 2002. WORKED WELL ON ROAD. PASSED LAB TESTS.
00745.22	ASPHALT RELEASE AGENT	BIG RED	TEXAS REFINERY, 800/827-0711 SCOTTSDALE, AZ 602/945-1710	01/11/96	1468	A	PASSED TESTS AT ARIZONA DOT FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	ASPHALT RELEASE AGENT	CLEARRELEASE	KT CHEMICALS,INC 855/932-2228	06/26/15	4888	A	NTPEP LISTED
00745.22	ASPHALT RELEASE AGENT	FOAM 1846-50	MCCALL OIL 800/622-2558	09/09/99	939	A	PASSED ARIZONA DOT TESTS. FOAM GENERATING LUBRICATING AGENT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	ASPHALT RELEASE AGENT	GREENGUARD ASPHALT RELEASE AGENT	BG CHEMICAL LP 800/725-8470	01/21/14	4678	A	NTPEP LISTED
00745.22	ASPHALT RELEASE AGENT	MAXI-KREME	GLOBAL CHEM-SOURCE 866/391-1126 OR 503/391-1126	08/11/11	4336	A	10:1 DILUTION RATIO TESTED.
00745.22	ASPHALT RELEASE AGENT	SD-20 CLEANER	SPARTAN CHEMICAL CO, INC TOLEDO, OH 419/531-5551	01/11/96	1470	A	PASSED TESTS AT ARIZONA DOT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	ASPHALT RELEASE AGENT	SLIPEAZEE SB	ROCHESTER MIDLAND 800/726-4448 ICL OF OREGON 800/876-4256	01/11/96	873	A	WATER BASED SOAP PASSED TESTS AT ARIZONA DOT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	ASPHALT RELEASE AGENT	TECLON-PRO	TEC-TEAM INDUSTRIES 800/700-2530	11/10/05	3146	A	DILUTED VERSION OF TEC SHIELD (ODOT ID# 2321). FOLLOW MFG INSTRUCTIONS CLOSELY.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00745.22	ASPHALT RELEASE AGENT	TEC-SHIELD	TEC-TEAM INDUSTRIES 800/700-2530	04/12/01	2321	A	PASSED TESTS AT ARIZONA DOT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	ASPHALT RELEASE AGENT	TEC-SHIELD (FOR RUBBER)	TEC-TEAM INDUSTRIES 800/700-2530	05/10/01	2321	A	TESTING BY GOODYEAR TIRE. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	ASPHALT RELEASE AGENT	TIS 011 RELEASE AGENT	TECHNICAL INDUSTRIAL SALES 800/433-7826	12/14/06	3411	A	INDEPENDENTLY TESTED TO AZ TEST REQUIREMENTS @ 30:1. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	ASPHALT RELEASE AGENT	ZEP ASPHALT RELEASE FA MFG PRODUCT # 1083	ZEP, INC. 877/428-9937 OR 404/352-1680	05/12/11	2600	A	PASSED TESTS AT ARIZONA DOT.
00745.22	ASPHALT RELEASE AGENT	ZEP ASPHALT RELEASE R-6690 MFG PRODUCT # 0867	ZEP, INC. 877/428-9937 OR 404/352-1680	05/12/11	2602	A	PASSED TESTS AT ARIZONA DOT.
00745.22	ASPHALT RELEASE AGENT	ZEP PINNACLE ASPHALT RELEASE MFG PRODUCT # N896	ZEP, INC. 877/428-9937 OR 404/352-1680	08/11/11	4292	A	INDEPENDENTLY TESTED TO OUR REQUIREMENTS @ 5:1 & 15:1
00745.22	ASPHALT RELEASE AGENT FOR RUBBER	BLACK MAGIC FOR RUBBER	BG CHEMICAL 800/725-8470	01/13/11	1303	A	PASSED ARIZONA DOT TESTS DESIGNED FOR RUBBER TIRES, ETC FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00746.00	POURED JOINT FILLER	POURED FILLER, JOINT		11/17/04		A	POURED JOINT FILLERS ARE NOW COVERED IN THE QPL IN SECTION 02440.30, POURED JOINT FILLERS AND MEET AASHTO M324 TYPE II.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ACCESS TILE SURFACE APPLIED TILE	ACCESS PRODUCTS 425/766-6234	05/14/09	3829	A	YELLOW MODELS: ACC-S-1X1, ACC-S-2X3,ACC-S-2X4,ACC-S-2X5, ACC-S-3X4, ACC-S-2X2CRV

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ANSWER 1.67" SURFACE TILE MODELS: 24S-1Y & 25S-1Y	ADA ANSWER INDUSTRIES 909/230-4064	06/11/09	3741	A	
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ARMORCAST DETECTABLE TILE	ARMORCAST PRODUCTS 909/772-1424	04/13/06	3301	A	MODELS:'A600****TADAYEL' WHERE **** IS THE SIZE.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ARMOR-TILE SURFACE APPLIED COLOR: FEDERAL YELLOW	ENGINEERED PLASTICS 800/682-2525 WHITE CAP 800/456-7445	05/08/03	2783	A	POLYMER COMPOSITE WITH ADHES AND MECHANICAL FASTENERS. MODELS: ADA-S-2436YW, ADA-S-2448YW, & ADA-S-2460YW.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	SAFE-STEP (CURED) MODEL: "SAFETY YELLOW"	TRANSPO INDUSTRIES 914/636-1000 KATHLEEN JOHNSON 503/674-9180	11/13/03	2879	A	POLYESTER POLYMER. PANELS ARE ABOUT 12" X 12" X 0.5" THICK. MFG RECOMMENDS A VARIETY OF ADHESIVES.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	SURFACE MOUNT COMPOSITE TILE 2436, 2448, 2460: RETY	ADA SOLUTIONS 800/372-0519	06/11/09	3865	A	
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	TUFTILE HIGH-IMPACT POLYMER TILES	TUFTILE, INC 847/307-3070	06/25/14	4758	A	
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ULTRA-ADA PADS - SURFACE MOUNT MODELS 0750, 0751, 0752,& 0753	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	06/12/08	3635	A	FLEXIBLE PAD.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	DETECTABLE WARNING REDI-MAT MODELS: RMAY3630 & RMIY	DETECTABLE WARNING SYSTEMS 866/999-7452	05/13/10	3410	A	PEEL AND STICK WITH ADDITIONAL FASTENERS AND PERIMETER SEAL.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	DWT DETECTABLE WARNING TILE MODELS: SM2424, SM2436, SM2448	THREE D TRAFFIC WORKS 877/843-9757	11/13/08	3664	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	DWT TOUGH-EZ TILE	THREE D TRAFFIC WORKS 877/843-9757	05/13/10	4094	A	ADHESIVE, FASTENERS, & SEAL. MODELS:TEZ2424SYW, TEZ2436SYW, TEZ2448SYW, TEZ2460SYW.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	TOPMARK DETECTABLE WARNING	FLINT TRADING-LKF DIV OF FLINT 336/475-6600 Gregg Ubelhart 206/963-5468	11/13/03	2866	A	THERMOPLASTIC. TORCH APPLIED. YELLOW MODELS: TMK4116600ASB, TMK4116040ASB, TMK4116800ASB, TMK4116700ASB, RADIUS 4116950.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	VANGUARD TRUNCATED DOME MODEL: 1A	TILCO VANGUARD 800/290-5700	08/08/02	2649	A	TRUNCATED DOME. LIQUID PRODUCT FOLLOW MANUFACTURER'S INSTRUCTIONS.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NA	MASCO CAST-IN-TACT3	MASONS SUPPLY 800/537-3407	06/11/09	3621	A	CEMENTITIOUS PANELS FEDERAL YELLOW
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ACCESS TILE REPL CAST IN PLACE TILE	ACCESS PRODUCTS 425/766-6234	05/14/09	3828	A	YELLOW MODELS: ACC-R-1X1, ACC-R-2X3,ACC-R-2X4,ACC-R-2X5, ACC-R-3X4, ACC-R-2X2CRV
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ADA REPLACEABLE TILE - YELLOW MODELS: E2436Y, E2448Y, E2460Y	YELLOW TILES OF WASHINGTON 877/314-4888	04/13/06	3284	A	TRUNCATED DOME. DESIGNED TO BE EASILY REPLACEABLE.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ALERTCAST 2436AC-Y, 2448AC-Y, 2460AC-Y	CAPE FEAR SYSTEMS III 877/232-6287	03/06/13	4419	A	REPLACEABLE PANELS
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ANSWER 1.67" WET SET REPL TILE MODELS: 24C-1Y & 25C-1Y	ADA ANSWER INDUSTRIES 909/230-4064	04/09/09	3739	A	
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ARMORCAST WET SET REPLACEABLE	ARMORCAST PRODUCTS 909/772-1424	09/14/06	3328	A	MODELS: "A600****RADAYEL" WHERE **** = THE SIZE.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ARMOR-TILE CAST IN PLACE COLOR: FEDERAL YELLOW	ENGINEERED PLASTICS 800/682-2525 WHITE CAP 800/456-7445	05/08/03	2782	A	POLYMER COMPOSITE SET IN CONCR MODELS: ADA-C-2436YW, ADA-C-2448YW, & ADA-C-2460YW.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ARMOR-TILE REPL CAST IN PLACE COLOR: FEDERAL YELLOW	ENGINEERED PLASTICS 800/682-2525 WHITE CAP 800/456-7445	06/11/09	3858	A	MODELS: ATR2436Y, ART2448Y, ATR2460Y, & ATR3648Y.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	CAST-IN-PLACE COMPOSITE TILE 2436, 2448, 2460: PAVCIPY	ADA SOLUTIONS 800/372-0519	06/11/09	3866	A	COLOR OKAY
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	COMPOSITE WETSET REPLACEABLE TACTILE	ADA SOLUTIONS 800/372-0519	01/10/08	3582	A	FEDERAL YELLOW. MODELS: 2436REPY, 2448REPY, 2460REPY.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	DETECTASHIELD	MAHER PRODUCTS, INC 641/363-4330 LOGAN CONTRACTOR SUPPLY 515/253-9048	01/21/14	4672	A	CEMENTITIOUS PANELS YELLOW
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	EZ-SET CERAMIC COMPOSITE PANEL DETECTABLE WARNING PANELS	DETECTABLE WARNING SYSTEMS 866/999-7452 TRAFFIC SAFETY 800/547-8518	02/12/04	2928	A	ABS ANCHORS. MODEL: "EZ IY 2424"
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	SAFE-STEP (FRESH) MODEL: "SAFETY YELLOW"	TRANSPO INDUSTRIES 914/636-1000 KATHLEEN JOHNSON 503/674-9180	11/13/03	2879	A	FOLLOW MFG INSTRUCTIONS.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	TUFTILE HIGH-IMPACT POLYMER TILES	TUFTILE, INC 847/307-3070	06/25/14	4758	A	
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ULTRA-ADA PADS - CAST IN PLACE MODELS 0720, 0721, 0722,& 0723	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	06/12/08	3636	A	FLEXIBLE PAD WITH GALV MESH ON BOTTOM. WET SET.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ULTRA-ADA PADS COMPOSITE WET MODELS 0740, 0741, & 0742.	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211 SPILL CONTROL 253/862-2700	06/11/09	3809	A	WET SET.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - YES	VISUL FLEX-STONE PANELS MODEL: MPN-MRBS0030	VISUL CORP. 865/566-5674	02/14/08	3460	A	RECYCLED STONE AGGREGATE IN POLYURETHANE RESIN BASE. FOLLOW MFG INSTRUCTIONS. USES 2 PART POLYRETHANE ADHES.
00760.00	POROUS PAVER-HEAVY DUTY	ARMORFLEX CLOSED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	01/10/08	3590	A	
00760.00	POROUS PAVER-HEAVY DUTY	ARMORFLEX OPEN CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3575	A	
00760.00	POROUS PAVER-HEAVY DUTY	ARMORFLEX TAPERED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3591	A	
00760.00	POROUS PAVER-LIGHT DUTY	DRIVABLE GRASS	SOIL RETENTION 800/346-7995	04/17/12	4486	A	LIGHT TRAFFIC
00760.00	POROUS PAVER-LIGHT DUTY	ECO GRID/ECO RASTER E30	TARRAFIRM ENTERPRISES LTD. 604/910-8788 503/793-5775	08/08/14	4785	A	GRID, GRASS, GRAVEL, SAND POLYETHYLEN, LOW DENSITY 12.99"X12.99"X1.18
00760.00	POROUS PAVER-LIGHT DUTY	ECO GRID/ECO RASTER E40	TARRAFIRM ENTERPRISES LTD. 604/910-8788 503/793-5775	08/08/14	4786	A	GRID, GRASS, GRAVEL, SAND POLYETHYLEN, LOW DENSITY 12.99"X12.99"X1.6
00760.00	POROUS PAVER-LIGHT DUTY	ECO GRID/ECO RASTER E50	TARRAFIRM ENTERPRISES LTD. 604/910-8788 503/793-5775	08/08/14	4776	A	GRID, GRASS, GRAVEL, SAND POLYETHYLEN, LOW DENSITY 12.99"X12.99"X1.96"

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00760.00	POROUS PAVER-LIGHT DUTY	KLOROSTONE PERVIOUS PAVER	KLORO TECH, INC. 509/844-7952	08/08/14	4787	A	POROUS CERAMIC PAVER
00760.00	POROUS PAVER-MEDIUM DUTY	BODPAVE 85 POROUS PAVING GRIDS	FIBERWEB GEOSYNTHETICS 651/330-2920	10/11/12	4504	A	MODULAR CELLULAR GRASS PAVER RECYCLED HDPE
00760.00	POROUS PAVER-MEDIUM DUTY	ECO GRID/ECO RASTER E30	TARRAFIRM ENTERPRISES LTD. 604/910-8788 503/793-5775	08/08/14	4785	A	GRID, GRASS, GRAVEL, SAND POLYETHYLEN, LOW DENSITY 12.99"X12.99"X1.18
00760.00	POROUS PAVER-MEDIUM DUTY	ECO GRID/ECO RASTER E40	TARRAFIRM ENTERPRISES LTD. 604/910-8788 503/793-5775	08/08/14	4786	A	GRID, GRASS, GRAVEL, SAND POLYETHYLEN, LOW DENSITY 12.99"X12.99"X1.6
00760.00	POROUS PAVER-MEDIUM DUTY	ECO GRID/ECO RASTER E50	TARRAFIRM ENTERPRISES LTD. 604/910-8788 503/793-5775	08/08/14	4776	A	GRID, GRASS, GRAVEL, SAND POLYETHYLEN, LOW DENSITY 12.99"X12.99"X1.96"
00760.00	POROUS PAVER-MEDIUM DUTY	EZ ROLL GRASS PAVER	NDS 888/825-4716	03/06/13	4594	A	CELLULAR GRASS PAVER
00760.00	POROUS PAVER-MEDIUM DUTY	GRASSPAVE2 W/HYDROGROW	INVISIBLE STRUCTURES 303/395-1803	10/12/06	2402	A	MODULAR CELLULAR GRASS PAVER
00760.00	POROUS PAVER-MEDIUM DUTY	GRASSY PAVERS	RK MANUFACTURING 800/957-5575 ACF WEST 800/878-5115	04/08/10	2483	A	PLASTIC
00760.00	POROUS PAVER-MEDIUM DUTY	KLOROSTONE PERVIOUS PAVER	KLORO TECH, INC. 509/844-7952	08/08/14	4787	A	POROUS CERAMIC PAVER

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00811.00	CABLE BARRIER TL-3 4 CABLE	NU-CABLE TL3 4:1 4 CABLE	NUCOR STEEL MARION INC 800/333/4011 FORMET INC 512/560/7700	08/03/11	4446	Q	DRIVEN ANCHOR W/SLEEVE CAST IN PLACE ANCHOR
00811.00	CABLE BARRIER TL-3 4 CABLE	NU-CABLE TL3 6:1 4 CABLE	NUCOR STEEL MARION INC 800/333/4011 FORMET INC 512/560/7700	08/03/11	4445	Q	DRIVEN ANCHOR W/SLEEVE CAST IN PLACE ANCHOR
00811.00	CABLE BARRIER TL-3 4 CABLE	SAFENCE 4RI	GREGORY INDUSTRIES INC 330/477/4800 740/389/1493	08/03/11	4425	Q	CAST-IN-PLACE ANCHOR APPROVED NO DRIVEN ANCHOR
00811.00	CABLE BARRIER TL-3 & TL-4 3 CABLE	SAFENCE 3RC	GREGORY INDUSTRIES INC 330/477/4800 740/389/1493	08/03/11	4426	Q	CAST-IN-PLACE ANCHOR APPROVED NO DRIVEN ANCHOR
00811.00	CABLE BARRIER TL-4 4 CABLE	NU-CABLE TL4 6:1 4 CABLE	NUCOR STEEL MARION INC 800/333/4011 FORMET INC 512/560/7700	08/03/11	4447	Q	DRIVEN ANCHOR W/SLEEVE CAST IN PLACE ANCHOR
00811.00	CABLE BARRIER TL-4 4 CABLE	SAFENCE 4RC	GREGORY INDUSTRIES INC 330/477/4800 740/389/1493	08/03/11	4427	Q	CAST-IN-PLACE ANCHOR APPROVED NO DRIVEN ANCHOR
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-3)	CABLE SAFETY SYSTEM (2M CASS) C-CHANNEL	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	04/14/05	2946	A	6:1 OR FLATTER. USE SLEEVES. 6.56' POST SPACING 6.76' DEFLECTION.
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-3)	CABLE SAFETY SYSTEM (CASS) C-CHANNEL	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	11/13/03	2864	A	6:1 OR FLATTER. STEEL SLEEVES. 9.8' SPACING 7.87 DEFLECTION. 16.4' POST SPACING = 9.2' DEFECTION.
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-3)	CASS TL-3 (4:1 SLOPE) I-BEAM	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	04/09/09	3815	A	4:1 OR FLATTER. STEEL SLEEVES. POST SPACING: 6'8" DEFL: 7.19' POST SPACING: 17' DEFL: 8.86'

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-3)	GIBRALTAR CABLE SYSTEM TL-3	GIBRALTAR 800/495-8957	01/12/06	3259	A	POST SPACING: 15' DEFLECTION: 8.5'. USE SLEEVES.
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-3)	NU-CABLE TL3 6:1 3 CABLE WAS FROM MARION STEEL	NUCOR STEEL MARION, INC. 800/333-4011 GRI HIGH TENSION CABLE LP 979/739-0699 OR 972/225-1660	07/13/06	2808	A	MUST USE SOCKETED POSTS WITH SLEEVES & REPLACEABLE POSTS. SPACING: 12.5' DEFLECTION: 6'. SPACING: 16.75' DEFL: 7.5'.
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-4)	CASS TL-4 I-BEAM	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	04/09/09	3296	A	6:1 OR FLATTER. STEEL SLEEVES. POST SPACING: 20' DEFL: 7.7'. POST SPACING: 17' DEFL: 7.2'.
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-4)	GIBRALTAR CABLE SYSTEM TL-4	GIBRALTAR 800/495-8957	01/12/06	3260	A	POST SPACING: 14' DEFLECTION: 7'. USE SLEEVES.
00811.00	CABLE BARRIER SYSTEM 4 STRAND (TL-3)	BRIFEN WIRE ROPE SAFETY FENCE	BRIFEN USA 866/427-4336 405/793-9500	11/13/03	2851	A	SOCKETED POSTS REQUIRED WITH 10.5' SPACING.7.87' DEFLECTION USE APPROVED END TERMINAL TO PROTECT END OF RUNS.
00811.00	CABLE BARRIER SYSTEM 4 STRAND (TL-3)	CASS SAFETY SYSTEM (CASS S3 4:1)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	01/21/14	4717	A	4:1 OR FLATTER STEEL SLEEVES POST SPACING: 7.1' DEFL: 10.5' POST SPACING: 17' DEFL: 8.0'
00811.00	CABLE BARRIER SYSTEM 4 STRAND (TL-4)	BRIFEN WIRE ROPE TL-4	BRIFEN USA 866/427-4336 405/793-9500	06/09/05	3121	A	SOCKETED POSTS REQUIRED WITH 10.5' SPACING. 7.9' DEFLECTION USE APPROVED END TERMINAL TO PROTECT END OF RUNS.
00811.00	CABLE BARRIER SYSTEM 4 STRAND (TL-4)	BRIFEN WRSF TL-4(LONG SPACING)	BRIFEN USA 866/427-4336 405/793-9500	03/10/11	4345	A	DRIVEN STEEL SLEEVES OR SOCKETED POSTS IN CONCR. POST SPACING: 17' DEFL: 7.5'.
00811.00	CABLE BARRIER SYSTEM 4 STRAND (TL-4)	CASS SAFETY SYSTEM (CASS S3 4:1)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	01/21/14	4717	A	6:1 OR FLATTER STEEL SLEEVES POST SPACING: 10.5' DEFL: 8'

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00811.00	CABLE BARRIER SYSTEM TL-4 4 CABLE	GIBRALTAR CABLE BARRIER SYSTEM TL-4 4 CABLE	GIBRALTAR 800/495-8957 830/798-5444	11/03/14	4836	A	POST SPACING: 17' DEFLECTION: 7.62'. DRIVEN ANCHOR W/SLEEVE OR CAST IN PLACE SLOPE UPTO 4:1
00811.00	CABLE BARRIER TERMINAL TL-3	BRIFEN WRGT	BRIFEN USA 866/427-4336 405/793-9500	05/13/04	2970	A	GATING DEVICE. AS WITH THE OTHERS, TERMINAL IS NOT PART OF LENGTH OF NEED.
00811.00	CABLE BARRIER TERMINAL TL-3	CASS CABLE TERMINAL (CCT-350)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	11/13/03	2865	A	FOR USE WITH TRINITY CABLE SAFETY SYSTEM (CASS) UNIT ONLY AS WITH THE OTHERS, TERMINAL IS NOT PART OF LENGTH OF NEED.
00811.00	CABLE BARRIER TERMINAL TL-3	NUCOR US HI TENSION CABLE TERM WAS FROM MARION STEEL	NUCOR STEEL MARION, INC. 800/333-4011 GRI HIGH TENSION CABLE LP 979/739-0699 OR 972/225-1660	08/10/06	2940	A	FOR USE WITH US HIGH TENSION CABLE BARRIER. AS WITH THE OTHERS, TERMINAL IS NOT PART OF LENGTH OF NEED.
00811.00	CABLE BARRIER TERMINAL TL-3 3 CABLE	NU-CABLE CRP ANCHOR	NUCOR STEEL MARION INC 800/333/4011 FORMET INC 512/560/7700	03/27/12	4448	Q	3 STRAND CABLE
00811.00	CABLE BARRIER TERMINAL TL-3 3 CABLE	NUCABLE NU-TEN ANCHOR	NUCOR STEEL MARION INC 800/333/4011 FORMET INC 512/560/7700	03/27/12	4449	Q	3 STRAND CABLE
00811.00	CABLE BARRIER TERMINAL TL-3 3 CABLE	SAFENCE 350 TL3 TERMINAL	GREGORY INDUSTRIES INC 330/477/4800 740/389/1493	08/03/11	4429	Q	CAST-IN-PLACE ANCHOR APPROVED NO DRIVEN ANCHOR
00811.00	CABLE BARRIER TERMINAL TL-3 4 CABLE	SAFENCE 350 TL3 TERMINAL (4)	GREGORY INDUSTRIES INC 330/477/4800 740/389/1493	08/03/11	4428	Q	CAST-IN-PLACE ANCHOR APPROVED NO DRIVEN ANCHOR
00811.00	CABLE BARRIER TERMINAL TL-3 AND TL-4	GIBRALTAR CABLE BARRIER TERMIN	GIBRALTAR 800/495-8957	01/12/06	3261	A	FOR GIBRALTAR CABLE BARRIER SYSTEMS.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00811.00	CABLE BARRIER TERMINAL TL-4	CASS TL-4 TERMINAL	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	03/08/07	3429	A	
00811.00	CABLE BARRIER TERMINAL TL-4 4 CABLE	GIBRALTAR CABLE BARRIER SYSTEM TL-4 CABLE TERMINAL	GIBRALTAR 800/495-8957 830/798-5444	11/03/14	4837	A	FOR GIBRALTAR CABLE BARRIER SYSTEMS.
00811.00	GUARDRAIL RETRO-FIT CABLE BARRIER (TL-3)	RETRO-RAIL	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	04/03/15	4879	A	MOUNT TO TOP OF GUARDRAIL RETRO-FIT TO RAISE GUARD RAIL HEIGHT
00820.00	CONCRETE BARRIER, MOVABLE	QUICK CHANGE MOVABLE BARRIER	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888	10/10/91	465	Q	FOR SPECIAL APPLICATIONS ONLY. TRK MOUNTED EQUIP MOVES SPECIA BARRIER FROM ONE SIDE TO THE OTHER UP TO 16', UP TO 10 MPH.
00822.00	GLARE SHIELDS	CARSONITE GLARE BLADE	CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518	11/08/01	17	A	INDIVIDUAL BLADES ATTACHED TO THE BARRIER. NEW BASE BRACKET DESIGN 11/01. GALV / STAINLESS BASE, ZINC NOT ALLOWED.
00822.00	GLARE SHIELDS	DURASCREEN GLARE SHIELD	SAFE-HIT CORP. 888/323-6374	12/13/01	2506	A	TUBES, INDIVIDUALLY MOUNTED. LAB TEST WAS OUTSTANDING.
00822.00	GLARE SHIELDS	MODULAR GLARE SHIELDS	CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518	11/09/01	86	A	FIBERGLASS BLADES MOUNT TO PRE FORMED BASE BOLTED TO BARRIER. NEW BASE BRACKET DESIGN 11/01. GALV OR STAINLESS BASE,NO ZINC
00830.00	IMPACT ATTENUATOR PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING.	UNIVERSAL TAU-II-R TL-2	LINDSAY TRANSPORTATION SOLUTIONS BARRIER SYSTEMS 707/374-6800	06/11/14	4771	Q	
00830.00	IMPACT ATTENUATOR PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	UNIVERSAL TAU-II-R TL-3	LINDSAY TRANSPORTATION SOLUTIONS BARRIER SYSTEMS 707/374-6800	06/11/14	4771	Q	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-1 NON RE-DIRECTIVE, GATING.	EASI-CELL	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	09/09/04	2921	Q	LOW SPEED UNIT USING POLY CYL. REQUIRES STRONG BACK PLATE. NOT DESIGNED FOR MEDIANS. TL-1 TESTED FOR 50 KPH/30 MPH.
00830.00	IMPACT ATTENUATOR, A PERMANENT NCHRP 350 TL-3 PARTIAL RE-DIRECT, GATING	BEAT SSCC	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721	09/08/05	2711	Q	SHOULDERS ONLY.
00830.00	IMPACT ATTENUATOR, A PERMANENT, NARROW SYSTEM NCHRP 350 TL-3 RE-DIRECTIVE, GATING	QUAD-TREND 350	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	12/09/99	1906	Q	TESTED FOR IMPACT SPEEDS UP TO 100KPH/60MPH. LENGTH: 20'. CLEAR AREA REQUIRED BEHIND TERMINAL. WIDTH: 15"
00830.00	IMPACT ATTENUATOR, B PERMANENT, NARROW APPS. NCHRP 350 TL-3	TREND 350 MEDIAN END TERMINAL	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	12/10/12	4568	Q	TESTED FOR IMPACT SPEEDS UP TO 60MPH LENGTH 27' WIDTH 28"
00830.00	IMPACT ATTENUATOR, B PERMANENT, NARROW APPS. NCHRP 350 TL-3 RE-DIRECTIVE, GATING	BRAKEMASTER 350	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	03/09/00	880	Q	GUARDRAIL TREATMENT FOR WIDE- MEDIAN/SHOULDER APPLICATIONS. REGION/ROADWAY DESIGNERS PICK FROM QPL WITH DISTRICT INPUT.
00830.00	IMPACT ATTENUATOR, B PERMANENT, NARROW APPS. NCHRP 350 TL-3 RE-DIRECTIVE, GATING	CAT-350 CRASH CUSHION	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	07/11/96	291	Q	SLOTTED RAIL ATTENUATOR FOR MEDIAN/SHOULDER APPLICATIONS. REGION/ROADWAY DESIGNERS PICK FROM QPL WITH DISTRICT INPUT.
00830.00	IMPACT ATTENUATOR, C PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING	2005 SHORTRACC (TL-2)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/12/06	3154	Q	TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. 14.2' LONG.
00830.00	IMPACT ATTENUATOR, C PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING	2005 WIDETRACC (TL-2)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/12/06	3155	Q	TESTED FOR IMPACT SPEEDS UP TO 45 MPH.
00830.00	IMPACT ATTENUATOR, C PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	SHORTRACC (TL-2) WAS TRACC (TL-2)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	10/11/01	2844	Q	TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. 14.2' LONG 32" WIDE. WAS Q UNDER P-1902.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00830.00	IMPACT ATTENUATOR, C & D PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	QUEST 70 (TL-2)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	06/09/11	4372	Q	TESTED FOR IMPACT SPEEDS UP TO 45 MPH. THREE BAYS. ARRIVES FULLY ASSEMBLED.
00830.00	IMPACT ATTENUATOR, C & D PERMANENT, NARROW & WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	UNIVERSAL TAU-II (TL-2)	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	02/10/05	2961	Q	FHWA APPROVED - 4 BAY SYSTEM.
00830.00	IMPACT ATTENUATOR, E PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	2005 TRACC (TL-3)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	11/10/05	3153	Q	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. 21' LONG. 30" WIDE.
00830.00	IMPACT ATTENUATOR, E PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	X-TENUATOR	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	05/12/11	4359	Q	TESTED FOR IMPACT SPEEDS UP TO 60MPH
00830.00	IMPACT ATTENUATOR, E PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	QUEST 350	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	11/08/07	3138	Q	WATCH REPAIR COSTS. BETTER FOR LOW HIT AREAS.
00830.00	IMPACT ATTENUATOR, E PERMANENT, NARROW APPS NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	TRACC (TL-3)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	09/13/01	1902	Q	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. 21' LONG. 32" WIDE.
00830.00	IMPACT ATTENUATOR, E & F PERMANENT NCRHP 350 TL-3 RE-DIRECTIVE, NON GATING.	WIDETRACC	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	04/10/03	2759	Q	MEETS NCHRP 350 TL-3.
00830.00	IMPACT ATTENUATOR, E & F PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	UNIVERSAL TAU-II (TL-3)	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	02/10/05	2961	Q	FHWA APPROVED - 8 BAY SYSTEM.
00830.00	IMPACT ATTENUATOR, F PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	2005 WIDETRACC (TL-3)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/12/06	3155	Q	TESTED FOR IMPACT SPEEDS UP TO 60 MPH.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00830.00	IMPACT ATTENUATOR, G PERMANENT, NARROW APPS NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	REACT 350-NARROW (TL2) (36" OBSTACLE)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	03/08/07	3438	Q	TESTED FOR IMPACT SPEEDS UP TO 45 MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, G & H PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	QUAD-GUARD II	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3872	Q	TESTED FOR IMPACT SPEEDS TO 45 MPH.
00830.00	IMPACT ATTENUATOR, G & H PERMANENT, NARROW & WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING	QUAD-GUARD ELITE - 7 BAY	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	03/08/01	2413	Q	7 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 70KPH/45MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, G & H PERMANENT, NARROW & WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	SCI70GM	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100	12/14/06	3110	Q	LOW MAINTENANCE UNIT. TESTED FOR IMPACT SPEEDS UP TO 45 MPH. NARROW OR WIDE APPS.
00830.00	IMPACT ATTENUATOR, G & H PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD (TL-2) 24", 30", 36", 70",& 90" OBST.	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	01/08/09	3436	Q	LOW MAINTENANCE
00830.00	IMPACT ATTENUATOR, H PERMANENT, WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	REACT 350-WIDE (TL2) (60" & 90" OBSTACLES)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	03/08/07	3437	Q	TESTED FOR IMPACT SPEEDS UP TO 45 MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, J PERMANENT, NARROW APPS NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	REACT 350 II	ENERGY ABSORPTION 888/323-6750 760/518-9929 CORAL SALES COMPANY 800/538-7245	03/30/12	4483	Q	TESTED FOR IMPACT SPEEDS TO 60MPH LOW MAINTENANCE
00830.00	IMPACT ATTENUATOR, J PERMANENT, NARROW APPS NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	REACT 350-NARROW (TL3)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	08/10/95	1364	Q	TESTED FOR IMPACT SPEEDS UP TO 100KPH/60MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, J & K PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	QUAD-GUARD II	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3872	Q	TESTED FOR IMPACT SPEEDS TO 60 MPH.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00830.00	IMPACT ATTENUATOR, J & K PERMANENT NCHRP 350 TL-3 RE-DRECTIVE, NON GATING	QUADGUARD M10	ENERGY ABSORPTION 760/518-9929 CORAL SALES COMPANY 800/538-7245	05/14/12	4492	Q	TESTED FOR SPEEDS UP TO 60 MPH WIIDTHS 90",69", 36",30", 24" 22' LENGTH
00830.00	IMPACT ATTENUATOR, J & K PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD (TL-3) 24", 30", 36", 70",90",& 120"W	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	01/08/09	1572	Q	PROTECT ROADSIDE AND MEDIAN OBSTACLES AND HAZARDS. TESTED FOR IMPACT SPEEDS TO 60 MPH. LOW MAINTENANCE
00830.00	IMPACT ATTENUATOR, J & K PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD ELITE - 11 BAY	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	03/08/01	2413	Q	11 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 100KPH/60MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, J & K PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD ELITE - 8 BAY	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/14/11	4414	Q	8 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 100KPH/60MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, J & K PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	SCI100GM	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100	12/14/06	2907	Q	LOW MAINTENANCE UNIT. TESTED FOR IMPACT SPEEDS UP TO 60 MPH. NARROW OR WIDE APPS. LENGTH: 21'6" + TRANSITION.
00830.00	IMPACT ATTENUATOR, J * NO GORE LOCATION >25K ADT NCHRP 350 TL-3	HEART	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	07/09/09	3649	Q	HDPE SIDE PANELS AND ROUNDED FRONTAL NOSE PIECE. DAMAGE FROM SIDE IMPACTS COULD BE HIGHER THAN LOW MAINT.
00830.00	IMPACT ATTENUATOR, K PERMANENT, WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	REACT 350-WIDE (TL3) (60", 96", & 120" OBSTACLES)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	03/08/07	2587	Q	TESTED FOR IMPACT SPEEDS UP TO 60 MPH. EARLIER VERSION HAD PROBLEMS, BUT THIS OK. P-1826. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, L PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD HS	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	01/08/09	2570	Q	9 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 113KPH/70MPH. LOW MAINTENANCE
00830.00	IMPACT ATTENUATOR, M PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	2005 FASTRACC	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	11/10/05	3156	Q	TESTED FOR IMPACT SPEEDS UP TO 70 MPH. 25' 8" LONG. 30" WIDE.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00830.00	IMPACT ATTENUATOR, M PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	QUEST 115 SYSTEM	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	11/08/07	3555	Q	TESTED FOR IMPACT SPEEDS UP TO 70 MPH.
00830.00	IMPACT ATTENUATOR, M PERMANENT, NARROW & WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	UNIVERSAL TAU-II (HS)	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	03/12/09	2961	Q	FHWA APPROVED
00840.10	DELINEATOR - TYPE 1	FRANKLIN DELINEATORS TYPE 1	FRANKLIN INDUSTRIES 814/437-3726 TRAFFIC SAFETY 800/547-8518	11/16/00	2209	A	MET OUR REQUIREMENTS FOR RAIL STEEL.
00840.10	DELINEATOR - TYPE 1U	FRANKLIN DELINEATORS TYPE 1U	FRANKLIN INDUSTRIES 814/437-3726 TRAFFIC SAFETY 800/547-8518	11/16/00	2210	A	MET OUR REQUIREMENTS FOR RAIL STEEL.
00840.10	DELINEATOR - TYPE 2	CURV-FLEX ROADMARKER CFRM-400	CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518	05/01/88	1503	A	PULTRUDED FIELD MEASURE LENGTHS, SEE SEE STANDARD DRAWING
00840.10	DELINEATOR - TYPE 2	FLEXSTAKE MODEL 600	FLEXSTAKE, INC. 800/348-9839 JIM ZADRONZNY PUBLIC WORKS SUPPLY 800/754-6551	10/11/01	823	A	PLASTIC ANCHOR, USE HINGE. USE H.I. SHEETING. FIELD MEASURE LENGTHS, SEE STANDARD DRAWING.
00840.10	DELINEATOR - TYPE 2	ROADMARKER CRM-375	CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518	05/01/88	1504	A	FIELD MEASURE LENGTHS, SEE STANDARD DRAWING
00840.10	DELINEATOR - TYPE 2	SAFE-HIT, TYPE II	SAFE-HIT CORP. 888/323-6374 DAN MCCARTHY 760/518-9929	05/01/88	1029	A	ROUND TUBE W/FLAT FACE. GALV DRIVEN ANCHOR. TWIST/PIN LOCK. FIELD MEASURE LENGTHS, SEE STANDARD DRAWING.
00840.10	DELINEATOR - TYPE 3	SAFE-HIT, TYPE III	SAFE-HIT CORP. 888/323-6374 DAN MCCARTHY 760/518-9929	05/01/88	1030	A	ROUND TUBE W/ROUND FACE. 18" GALV ANCHOR. TWIST/PIN LOCK. FIELD MEASURE LENGTHS, SEE STANDARD DRAWINGS

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00840.10	DELINEATOR - TYPE 3 FLEXIBLE ROUND	TD5500 EARTHFLEX 553604	THREE D TRAFFIC WORKS 877/843-9757	01/28/15	4769	A	48" ROUND TUBE 18" GALV ANCHOR HINGE FASTENERS WHITE & YELLOW
00840.10	DELINEATOR - TYPE 3 FLEXIBLE ROUND	TD5500 EARTHFLEX 553604P2-18	THREE D TRAFFIC WORKS 877/843-9757	01/28/15	4770	A	48" ROUND TUBE 18" GALV ANCHOR S HINGE CLEVIS PIN WHITE & YELLOW
00840.10	DELINEATOR - TYPE 3 FLEXIBLE ROUND	TD5500 EARTHFLEX 555710	THREE D TRAFFIC WORKS 877/843-9757	01/28/15	4768	A	66" ROUND TUBE 18" GALV ANCHOR HINGE FASTENERS WHITE & YELLOW
00840.10	DELINEATOR - TYPE 3 FLEXIBLE ROUND	TD5500 EARTHFLEX 555710P2-18	THREE D TRAFFIC WORKS 877/843-9757	01/28/15	4767	A	66" ROUND TUBE 18" GALV ANCHOR S HINGE CLEVIS PIN WHITE & YELLOW
00840.10	DELINEATOR - TYPE 4 ALT 1 GUARDRAIL VERSION	CURV-FLEX ROADMARKER CFGR-427	CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518	11/14/96	1591	A	THE STANDARD DRW REQUIRES 4 LAG SCREWS TO ANCHOR UNIT.
00840.10	DELINEATOR - TYPE 4 ALT 1 GUARDRAIL VERSION	FLEXI-GUIDE 527 (FG-527)	PEXCO LLC-DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	07/09/98	1636	A	NTPEP TEST DATA LOOKED GOOD FOR STAND ALONE APPLICATIONS.
00840.10	DELINEATOR - TYPE 4 ALT 1 GUARDRAIL VERSION	TD9100 MODEL 510242 GUARDFLEX	THREE D TRAFFIC WORKS 877/843-9757	04/14/05	2696	A	
00840.10	DELINEATOR - TYPE 4 ALT 2	DELINEATOR TYPE 4 ALT 2	FRANKLIN INDUSTRIES 814/437-3726 TRAFFIC SAFETY 800/547-8518	12/18/12	4572	A	CLOSE TO REQUIRED DIMENSIONS STEEL
00840.10	DELINEATOR - TYPE 5 BARRIER MARKER	ASTRO OPTICS JD-1 & JD-2	ASTRO OPTICS LLC 847/488-9151 GARY KINBERG 847/951-3915	06/09/11	726	A	PRISMATIC LENS ON PLASTIC MARKER. JD-1: SIDE MOUNT, JD-2: TOP MOUNT.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00840.10	DELINEATOR - TYPE 5 BARRIER MARKER	BARRIER TRAFFIC REFLECTOR 11" TALL	IRWIN HODSON COMPANY 503/419-4624	08/28/13	4666	A	ALUMINUM SUBSTRATE
00840.10	DELINEATOR - TYPE 5 BARRIER MARKER	PCBM-9CM BARRIER REFLECTOR	PEXCO LLC-DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	08/10/00	2267	A	PRISMATIC PLASTIC UNITS MOUNTED ON FRONT OF PLASTIC FLANGE.
00840.10	DELINEATOR - TYPE 6 BUTTERFLY	BUTTERFLY GR MARKER MODEL 8BO HI AND DG SHEETING	PEXCO LLC-DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	06/09/11	4343	A	BOLTED ON VERSION
00840.10	DELINEATOR - TYPE 6 BUTTERFLY	BUTTERFLY GR MARKER MODEL 8GO HI AND DG SHEETING	PEXCO LLC-DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	06/09/11	4344	A	GLUED ON VERSION
00840.10	DELINEATOR - TYPE 6 BUTTERFLY FOR GUARDRAIL	ASTRO OPTICS AGR-1 & AGR-2	ASTRO OPTICS LLC 847/488-9151 GARY KINBERG 847/951-3915	06/09/11	3136	A	PLASTIC UNIT THAT FITS IN THE W SHAPE OF THE GUARDRAIL.
00840.10	DELINEATOR REFLECTOR CENTER MOUNT FOR TYPES 1, 1U, & 4A2	ASTRO OPTICS RT-90	ASTRO OPTICS LLC 847/488-9151 GARY KINBERG 847/951-3915	06/09/11	3851	A	PLASTIC PRISMATIC REFLEX UNIT. NOT FOR FLEXIBLE DELINEATORS. ROUND.
00850.00	REFLECTIVE ELEMENTS FOR PAVEMENT MARKINGS MMA	SWARCO 3131 BLEND	SWARCO INDUSTRIES 931/388-5900 MARK COLOMBO: 314/729-7197 MFG: 254/562-9879 TECH: 314/729-7197	08/28/12	3894	A	COATED FOR USE WITH MMA
00850.00	REFLECTIVE ELEMENTS FOR PAVEMENT MARKINGS MMA	SWARCO 3132 BLEND	SWARCO INDUSTRIES 931/388-5900 MARK COLOMBO: 314/729-7197 MFG: 254/562-9879 TECH: 314/729-7197	08/28/12	3895	A	COATED FOR USE WITH MMA
00850.00	REFLECTIVE ELEMENTS FOR PAVEMENT MARKINGS RECYCLED - REGULAR	POTTERS	POTTERS INDUSTRIES, INC. 503/266-7814 303/375-1293	12/14/95	1448	A	AASHTO M247-TYPE 1. 5 LB OF BEADS PER GAL OF PAINT FOR ODOT MAINTENANCE:

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00850.00	REFLECTIVE ELEMENTS FOR PAVEMENT MARKINGS THERMOPLASTIC	SWARCO 3130 BLEND	SWARCO INDUSTRIES 931/388-5900 MARK COLOMBO: 314/729-7197 MFG: 254/562-9879 TECH: 314/729-7197	10/14/10	3893	A	DESIGNED WITH A COATING THAT IS GOOD WITH THERMOPLASTIC MARKINGS.
00855.00	MARKER ADHESIVE - BITUMIN FLEXIBLE	CRAFCO FLEXIBLE BIT ADHESIVE FORMULA #34270	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	06/09/05	2853	Q	OK - PERM JOBS. NOT FOR TEMPORARY INSTALLATIONS. TEST BY LOT.
00855.00	MARKER ADHESIVE - BITUMIN FLEXIBLE	HENRY # 184 FLEXIBLE DOTSTICK	HENRY CO. 800/851-1131 ALPINE PRODUCTS 800/591-9566	06/09/05	2876	Q	OK - PERM JOBS. NOT FOR TEMPORARY INSTALLATIONS. TEST BY LOT.
00855.00	MARKER ADHESIVE - BITUMIN STANDARD	CRAFCO BITUMINOUS ADHESIVE FORMULA #34269	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	05/08/97	238	Q	OK - PERM JOBS BID UNTIL 1/06. OK - TEMP JOBS, NO DATE LIMIT. TEST BY LOT, BUT TESTING NOT NEEDED FOR TEMPORARY PROJECTS.
00855.00	MARKER ADHESIVE - BITUMIN STANDARD	EVERGRIP-OR # 172542	GULF STATES ASPHALT CO. VERNON TURNER 800/662-0987	09/14/00	1807	Q	OK - PERM JOBS BID UNTIL 1/06. OK - TEMP JOBS, NO DATE LIMIT. TEST BY LOT, BUT TESTING NOT NEEDED FOR TEMPORARY PROJECTS.
00855.00	MARKER ADHESIVE - BITUMIN STANDARD	HENRY # 193 DOT STICK ADHESIVE	HENRY CO. 800/851-1131 ALPINE PRODUCTS 800/591-9566	10/09/08	2803	Q	OK - PERM JOBS BID UNTIL 1/06. OK - TEMP JOBS, NO DATE LIMIT. TESTING NOT NEEDED FOR TEMP PROJECTS.
00855.00	MARKER ADHESIVE - EPOXY	POLYCARB MARK 29	POLY-CARB 800/225-5649 DAN PATACCA 216/536-7777	07/14/05	2476	Q	
00855.00	MARKER ADHESIVE - EPOXY	POLY-CARB MARK 29.9	POLY-CARB 800/225-5649 DAN PATACCA 216/536-7777	05/12/11	4361	Q	
00855.00	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	3-M 290	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	03/22/12	1632	A	PASSED LAB TESTS. BODY MADE OF ENGINEERED THERMOPLASTIC. MFG RECOM BIT OR EPOXY ADHESIV

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00855.00	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	APEX 921AR PAVEMENT MARKER	APEX UNIVERSAL 562/944-8878	09/17/14	4808	A	
00855.00	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	RAY-O-LITE ALL ACRYLIC WHITE: #AA1W; YELLOW: #AA2A	RAY-O-LITE, DIV OF PAC-TEC 800/848-7025 ALPINE PRODUCTS 253/838-4318 TRAFFIC SAFETY 800/547-8518	12/09/99	529	A	SIZE: 4" X 4" X .7". BIT OR EPOXY ADHESIVES. LABS 91-7335 AND 91-7336
00855.00	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	STIMSONITE 88	ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118	12/13/07	693	A	SIZE: 4" X 4" X .7". EPOXY OR BIT ADHESIVE. SAME AS MODEL 911 BUT W/O GLASS FACE.
00855.00	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	STIMSONITE 911	ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118	12/13/07	629	A	SIZE: 4" X 4" X .7". EPOXY OR BIT ADHESIVE. MODEL 911 HAS GLASS FACE.
00855.00	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED ABRASIVE RESISTANT	3-M 290	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	03/22/12	1632	A	PASSED LAB TESTS. BODY MADE OF ENGINEERED THERMOPLASTIC. MFG RECOM BIT OR EPOXY ADHESIV
00855.00	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED ABRASIVE RESISTANT	APEX 921AR PAVEMENT MARKER	APEX UNIVERSAL 562/944-8878	09/17/14	4808	A	
00855.00	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED ABRASIVE RESISTANT	STIMSONITE C80	ENNIS-FLINT 800/331-8118	04/08/14	4759	A	SIZE: 4.5" X 3.2" X 0.75" EPOXY OR BIT ADHESIVE
00855.00	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED, ABRASIVE RESISTANT	RAY-O-LITE ALL ACRYLIC ARC II WHITE: ARC1W; YELLOW: ARC2A	RAY-O-LITE, DIV OF PAC-TEC 800/848-7025 ALPINE PRODUCTS 253/838-4318 TRAFFIC SAFETY 800/547-8518	12/09/99	529	A	ABRASIVE RESISTANT VERSION IS MARKED WITH "ARC". BIT OR EPOXY ADHESIVE. SIZE: 4" X 4" X .7".
00855.00	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED, ABRASIVE RESISTANT	STIMSONITE 911	ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118	12/13/07	629	A	SIZE: 4" X 4" X .7". EPOXY OR BIT ADHESIVE. MODEL 911 HAS GLASS FACE.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00855.00	PAVEMENT MARKER, TYPE 2 NON-REFLECTORIZED	DIAMOND BACK - POLYPROPYLENE	INTERSTATE SALES 800/237-7245	09/13/01	2235	A	APPROVED FOR USE WITH BITUMINOUS ADHESIVES ONLY. IS ON CALTRANS & WSDOT QPL'S. 4" DIAMETER.
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	TD5200-526859WFB/526859YFB	THREE D TRAFFIC WORKS 877/843-9757	04/14/11	3598	Q	28" TALL
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	IRS 3" TUFF POST TUBULAR MARKER	IMPACT RECOVERY SYSTEMS 800/736-5256	01/26/12	4557	Q	36" & 48" Tall White or Yellow
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	TD5200-526950WFB	THREE D TRAFFIC WORKS 877/843-9757	04/14/11	3706	Q	WHITE - 36" TALL
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	TD5200-526963YFB	THREE D TRAFFIC WORKS 877/843-9757	04/14/11	3707	Q	YELLOW - 36" TALL
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	TD5200-527223WFB/527223YFB	THREE D TRAFFIC WORKS 877/843-9757	04/14/11	3596	Q	48" TALL
00856.10	MARKERS, TUBULAR SURFACE MOUNTED 28" & 36" HEIGHT	DURAPOST	SAFE-HIT CORP. 888/323-6374 DAN MCCARTHY 760/295-2699	01/21/14	1182	Q	100% URETHANE PLASTIC, PIN AT BASE HOLDS TOP ON. PRODUCT IS 3" DIA.
00860.00	LONGITUDINAL PAINT WATERBORNE	COLUMBIA 17-123 CC	COLUMBIA PAINT A DIV OF SHERWIN WILLIAMS NEAL SHERMERHORN 832/444-9168	07/14/11	2366	A	INSTANT DRY ACRYLIC LATEX YELLOW TEST DECK 73000042-99 SERVICE LIFE INDEX=54
00860.00	LONGITUDINAL PAINT WATERBORNE	COLUMBIA 17-123 WW	COLUMBIA PAINT A DIV OF SHERWIN WILLIAMS NEAL SHERMERHORN 832/444-9168	07/14/11	2364	A	INSTANT DRY ACRYLIC LATEX WHITE TEST DECK 73000042-99 SERVICE LIFE INDEX=120

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00860.00	LONGITUDINAL PAINT WATERBORNE	ENNIS ORW-21-M-4 983711	ENNIS PAINT 800/331-8118	12/12/02	2735	A	TEST DECK 73000029-01 SERVICE LIFE INDEX= 64 DAS BID 3057, EXP 3/18/06
00860.00	LONGITUDINAL PAINT WATERBORNE	ENNIS ORY-21-M-1 983712	ENNIS PAINT 800/331-8118	11/16/00	2360	A	YELLOW WATERBORNE TRAFFIC PNT. TEST DECK 73000042-99 SERVICE LIFE INDEX=109 DAS BID 3057, EXP 3/18/06
00860.00	LONGITUDINAL PAINT WATERBORNE	TMT PATHWAY O600W2 983721	ENNIS PAINT 800/331-8118 KLYNE MCCARTY 800/331-8118 111 JOHN STEFANI 503-569-0332	04/13/06	2371	A	FAST DRY ACRYLIC WATERBORNE WHITE TEST DECK 73000042-99 SERVICE LIFE INDEX=126
00860.00	LONGITUDINAL PAINT WATERBORNE	TMT PATHWAY O600Y3 983722	ENNIS PAINT 800/331-8118 KLYNE MCCARTY 800/331-8118 111 JOHN STEFANI 503-569-0332	04/13/06	2369	A	FAST DRY ACRYLIC WATERBORNE YELLOW TEST DECK 73000042-99 SERVICE LIFE INDEX=79
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED METHYL METHACRYLATE	DURASET 3 - WHITE (999441W2)	ENNIS PAINT 800/331-8118	11/12/09	3069	Q	TESTED ON ROUTE 22 8/17/04 #2.
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED METHYL METHACRYLATE	DURASET 3 - WHITE (999441W3)	ENNIS PAINT 800/331-8118	11/12/09	3070	Q	TESTED ON ROUTE 22 8/17/04 #3.
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y2)	ENNIS PAINT 800/331-8118	11/12/09	3074	Q	TESTED ON ROUTE 22 8/17/04 #7.
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y3)	ENNIS PAINT 800/331-8118	11/12/09	3075	Q	TESTED ON ROUTE 22 8/17/04 #8.
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	AQUALITE - WHITE (884411)	ENNIS PAINT 800/331-8118	09/09/10	1348	Q	THERMOPLASTIC LINE WITH BUMPS BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	AQUALITE - YELLOW (885301)	ENNIS PAINT 800/331-8118	10/14/10	3081	Q	TESTED ON ROUTE 22 8/17/04 #14 BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	BRITE-LINE PROFILE THERMO B HWE07801B WHITE SWARCO 3130 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	06/10/10	4161	Q	BEAD: SWARCO 3130
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	BRITE-LINE PROFILE THERMO HWE07801 WHITE AASHTO TYPE 1 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 916/691-1248 BILL JUBAK: 702/649-9223	07/08/10	1347	Q	AASHTO TYPE 1 BEADS. WAS VIBRALINE.
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	BRITE-LINE THERMO HYE7702 YELLOW AASHTO TYPE 1 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	07/31/12	4232	Q	2010 TEST DECK
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	BRITE-LINE THERMO HYE7702B YELLOW SWARCO 3130 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	07/31/12	4233	Q	2010 TEST DECK
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	PERMALINE - WHITE (884029) PRIMERLESS	ENNIS PAINT 800/331-8118	09/09/10	1778	Q	MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. 120 MILS AS SPECIFIED. BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	PERMALINE - YELLOW (885300)	ENNIS PAINT 800/331-8118	09/09/10	3080	Q	TESTED ON ROUTE 22 8/17/04 #13 BEADS: SWARCO 3130

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED METHYL METHACRYLATE	DURASET 3 - WHITE (999441W2)	ENNIS PAINT 800/331-8118	11/12/09	3069	Q	TESTED ON ROUTE 22 8/17/04 #2.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED METHYL METHACRYLATE	DURASET 3 - WHITE (999441W3)	ENNIS PAINT 800/331-8118	11/12/09	3070	Q	TESTED ON ROUTE 22 8/17/04 #3.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y2)	ENNIS PAINT 800/331-8118	11/12/09	3074	Q	TESTED ON ROUTE 22 8/17/04 #7.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y3)	ENNIS PAINT 800/331-8118	11/12/09	3075	Q	TESTED ON ROUTE 22 8/17/04 #8.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	AQUALITE - WHITE (884411)	ENNIS PAINT 800/331-8118	09/09/10	1348	Q	THERMOPLASTIC LINE WITH BUMPS BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	AQUALITE - YELLOW (885301)	ENNIS PAINT 800/331-8118	10/14/10	3081	Q	TESTED ON ROUTE 22 8/17/04 #14 BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	BRITE-LINE PROFILE THERMO B HWE07801B WHITE SWARCO 3130 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	06/10/10	4161	Q	BEAD: SWARCO 3130

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	BRITE-LINE PROFILE THERMO HWE07801 WHITE AASHTO TYPE 1 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 916/691-1248 BILL JUBAK: 702/649-9223	07/08/10	1347	Q	AASHTO TYPE 1 BEADS. WAS VIBRALINE.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	BRITE-LINE THERMO HYE7702 YELLOW AASHTO TYPE 1 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	07/31/12	4232	Q	2010 TEST DECK
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	BRITE-LINE THERMO HYE7702B YELLOW SWARCO 3130 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	07/31/12	4233	Q	2010 TEST DECK
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	PERMALINE - WHITE (884029) PRIMERLESS	ENNIS PAINT 800/331-8118	09/09/10	1778	Q	MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. 120 MILS AS SPECIFIED. BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	PERMALINE - YELLOW (885300)	ENNIS PAINT 800/331-8118	09/09/10	3080	Q	TESTED ON ROUTE 22 8/17/04 #13 BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED SURFACE PROFILED METHYL METHACRYLATE	DURASET 3 - WHITE (999441W2)	ENNIS PAINT 800/331-8118	11/12/09	3069	Q	TESTED ON ROUTE 22 8/17/04 #2.
00865.00	METHOD A EXTRUDED SURFACE PROFILED METHYL METHACRYLATE	DURASET 3 - WHITE (999441W3)	ENNIS PAINT 800/331-8118	11/12/09	3070	Q	TESTED ON ROUTE 22 8/17/04 #3.
00865.00	METHOD A EXTRUDED SURFACE PROFILED METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y2)	ENNIS PAINT 800/331-8118	11/12/09	3074	Q	TESTED ON ROUTE 22 8/17/04 #7.
00865.00	METHOD A EXTRUDED SURFACE PROFILED METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y3)	ENNIS PAINT 800/331-8118	11/12/09	3075	Q	TESTED ON ROUTE 22 8/17/04 #8.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00865.00	METHOD A EXTRUDED SURFACE PROFILED METHYL METHACRYLATE	OPTIMARK - BRIDGELINE YELLOW SWARCO 3132	ROAD OPTIC INC. 503/871-1471	03/02/15	3835	Q	2012 TEST DECK
00865.00	METHOD A EXTRUDED SURFACE PROFILED METHYL METHACRYLATE	OPTIMARK - BRIDGELINE WHITE SWARCO 3132	ROAD OPTIC INC. 503/871-1471	03/02/15	3835	Q	2012 TEST DECK
00865.00	METHOD A EXTRUDED SURFACE PROFILED THERMOPLASTIC	AQUALITE - WHITE (884411)	ENNIS PAINT 800/331-8118	09/09/10	1348	Q	THERMOPLASTIC LINE WITH BUMPS BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED SURFACE PROFILED THERMOPLASTIC	AQUALITE - YELLOW (885301)	ENNIS PAINT 800/331-8118	10/14/10	3081	Q	TESTED ON ROUTE 22 8/17/04 #14 BEADS: SWARCO 3130
00865.00	METHOD B SPRAYED SURFACE METHYL METHACRYLATE	DURASET 3 - WHITE (999441W2)	ENNIS PAINT 800/331-8118	11/12/09	3069	Q	TESTED ON ROUTE 22 8/17/04 #2.
00865.00	METHOD B SPRAYED SURFACE METHYL METHACRYLATE	DURASET 3 - WHITE (999441W3)	ENNIS PAINT 800/331-8118	11/12/09	3070	Q	TESTED ON ROUTE 22 8/17/04 #3.
00865.00	METHOD B SPRAYED SURFACE METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y2)	ENNIS PAINT 800/331-8118	11/12/09	3074	Q	TESTED ON ROUTE 22 8/17/04 #7.
00865.00	METHOD B SPRAYED SURFACE METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y3)	ENNIS PAINT 800/331-8118	11/12/09	3075	Q	TESTED ON ROUTE 22 8/17/04 #8.
00865.00	METHOD B SPRAYED SURFACE METHYL METHACRYLATE	DURASET 5 - WHITE (999655W)	ENNIS PAINT 800/331-8118	01/14/10	2826	Q	TESTED DECK '03 LINE 27 & 28. CODE: 999655W CAT: 999655C 4:1 RATIO.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00865.00	METHOD B SPRAYED SURFACE METHYL METHACRYLATE	DURASET TYPE 5 (999655-Y1)	ENNIS PAINT 800/331-8118	05/13/10	4014	Q	TESTED ON ROUTE 22 2007 #89
00865.00	METHOD B SPRAYED SURFACE THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.
00865.00	METHOD B SPRAYED SURFACE THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00865.00	METHOD B SPRAYED SURFACE THERMOPLASTIC	PERMALINE - WHITE (884029) PRIMERLESS	ENNIS PAINT 800/331-8118	09/09/10	1778	Q	MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. 120 MILS AS SPECIFIED. BEADS: SWARCO 3130
00865.00	METHOD B SPRAYED SURFACE THERMOPLASTIC	PERMALINE - YELLOW (885300)	ENNIS PAINT 800/331-8118	09/09/10	3080	Q	TESTED ON ROUTE 22 8/17/04 #13 BEAD: SWARCO 3130
00865.00	METHOD C TAPE ROLLED IN & GROOVED NON-PATTERNED	BRITE-LINE 1000 WHITE & YELLOW	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	11/12/09	789	Q	NO F MIX APPLICATIONS. MAY NEED PRIMER. WAS METHOD G
00865.00	METHOD C TAPE ROLLED IN & GROOVED PATTERNED	3-M STAMARK 380I ES SERIES WHITE: 380IES & YELLOW: 381IES	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	09/11/08	2934	Q	2005 TEST DECK. MET THE WARRANTY REQUIREMENTS. EXTRA STICKY VERSION. WAS METHOD G
00865.00	METHOD C TAPE ROLLED IN & GROOVED PATTERNED, (CONTRAST)	3-M STAMARK 380-5	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	07/13/00	1410	Q	CONTRAST TAPE WITH BLACK ON EACH SIDE OF 4" WHITE. WAS METHOD G
00865.00	METHOD C TAPE ROLLED IN & GROOVED PATTERNED, (CONTRAST) WET WEATHER	3-M SERIES 380AW,381AW,& 380-5AW	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	08/11/11	3915	Q	2010 TEST DECK # 47 & 48. MICRO-CRYSTALINE BEADS 3-M SERIES 380-5AW CONTRAST WAS METHOD G

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00865.00	METHOD D WET WEATHER EXTRUDED/GROOVED NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER EXTRUDED/GROOVED NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER EXTRUDED/SURFACE NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER EXTRUDED/SURFACE NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER SPRAYED/GROOVED NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER SPRAYED/GROOVED NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER SPRAYED/SURFACE NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER SPRAYED/SURFACE NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00866.00	LONGITUDINAL, HP - 1 METHOD 1 - SPRAY EPOXY WHITE & YELLOW	EPOPLEX LS65QS	EPOPLEX CORP BOB CASEY 801/619-1442	06/10/15	4669	Q	TEST DECK 2012 TWO REFLECTIVE ELEMENT DROP ON OPTIONS. (1) VISIBEAD & POTTER TYPE 1 50%/50% (2) VISIMAX & POTTERS TYPE 1 50%/50%

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00866.00	LONGITUDINAL, HP - 1 METHOD 1 - SPRAY HI-BUILD PAINT, 25 MILS	3-M AWP SERIES 90 (LBB) LARGE BEAD BASE	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	08/13/09	3917	Q	LARGE BEAD BASE WITH 90% WET & 10% DRY BEADS
00866.00	LONGITUDINAL, HP - 1 METHOD 1 - SPRAY HI-BUILD PAINT, 25 MILS	ENNIS HB WATERBORNE 984421 WHITE	ENNIS PAINT 800/331-8118	01/14/10	4008	Q	TEST DECK: 2005 - LINE# 46.
00866.00	LONGITUDINAL, HP - 1 METHOD 1 - SPRAY HI-BUILD PAINT, 25 MILS	ENNIS HB WATERBORNE 984422 YELLOW LF	ENNIS PAINT 800/331-8118	01/14/10	4009	Q	TEST DECK: 2005 - LINE# 47.
00866.00	LONGITUDINAL, HP - 1 METHOD 1 - SPRAY MODIFIED URETHANE, 25 MIL	HPS-4	ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118	08/11/11	1979	Q	TESTED IN R-4 AND R-5 WITH GOOD SUCCESS.
00866.00	LONGITUDINAL, HP - 1 METHOD 1 - SPRAY POLYUREA, 20 MILS, SPRAY	EPOPLEX LS90	EPOPLEX CORP BOB CASEY 801/619-1442	11/12/09	2817	Q	TEST DECK: 2006 63 & 64
00866.00	LONGITUDINAL, HP - 2 METHOD 2 - INLAID EPOXY WHITE & YELLOW	EPOPLEX LS65QS	EPOPLEX CORP BOB CASEY 801/619-1442	06/10/15	4669	Q	TEST DECK 2012 TWO REFLECTIVE ELEMENT DROP ON OPTIONS. (1) VISIBEAD & POTTER TYPE 1 50%/50% (2) VISIMAX & POTTERS TYPE 1 50%/50%
00866.00	LONGITUDINAL, HP - 2 METHOD 2 - INLAID HI-BUILD PAINT 25 MILS WET	3-M AWP SERIES 90 (LBB) LARGE BEAD BASE	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	08/13/09	3917	Q	LARGE BEAD BASE WITH 90% WET & 10% DRY BEADS
00866.00	LONGITUDINAL, HP - 2 METHOD 2 - INLAID MODIFIED URETHANE	HPS-4	ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118	08/11/11	1979	Q	
00867.00	TRANSVERSE MARKING - B HS HIGH SKID PREFORMED THERMOPLASTIC 125 MILS	PREMARK VIZIGRIP	FLINT TRADING-LKF DIV OF FLINT 336/475-6600 Gregg Ubelhart 206/963-5468	12/11/03	2474	Q	PREFORMED THERMOPLASTIC. SIMILAR TO PREMARK PLUS BUT HAS ADDED SKID RESISTANT GRIT. BEADS: POTTERS AASHTO BEADS

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00867.00	TRANSVERSE MARKING TYPE A STANDARD HOT POURED THERMOPLASTIC	PERMALINE 884029 PRIMERLESS	ENNIS PAINT 800/331-8118	09/09/10	1778	Q	WHITE: 884029 NO PRIMER NEEDED. APPLY AT 120 MIL THICKNESS. BEADS: SWARCO 3130
00867.00	TRANSVERSE MARKING TYPE B HIGH SKID RESISTANCE PREFORMED THERMOPLASTIC 125 MILS	HOTAPE SKID OPTIC 125 MILS	FLINT TRADING-LKF DIV OF FLINT 336/475-6600 Gregg Ubelhart 206/963-5468	07/31/12	4225	Q	HEAT PAVEMENT PRIOR TO INSTALL BEADS: POTTERS AASHTO BEADS
00867.00	TRANSVERSE MARKING TYPE B STANDARD PREFORMED THERMOPLASTIC 125 MILS	HOTAPE (125 MILS)	FLINT TRADING-LKF DIV OF FLINT 336/475-6600 Gregg Ubelhart 206/963-5468	08/10/06	703	Q	HEAT PAVEMENT PRIOR TO INSTALL BEADS: POTTERS AASHTO BEADS
00867.00	TRANSVERSE MARKING TYPE B STANDARD PREFORMED THERMOPLASTIC 125 MILS	PREMARK PLUS	FLINT TRADING-LKF DIV OF FLINT 336/475-6600 Gregg Ubelhart 206/963-5468	07/08/04	2230	Q	DID GOOD ON OUR TEST DECK 9/99 NAME CHANGED FROM OTD-3. BEADS: POTTERS AASHTO BEADS
00867.00	TRANSVERSE MARKING TYPE B STANDARD PREFORMED THERMOPLASTIC 125 MILS	PREMARK VIZIGRIP	FLINT TRADING-LKF DIV OF FLINT 336/475-6600 Gregg Ubelhart 206/963-5468	12/11/03	2474	Q	PREFORMED THERMOPLASTIC. SIMILAR TO PREMARK PLUS BUT HAS ADDED SKID RESISTANT GRIT. BEADS: POTTERS AASHTO BEADS
00867.00	TRANSVERSE MARKINGS TYPE B TRANSVERSE MARKINGS TYPE B-HS	ALTA ALL-SEASON SERIES 100-PT	ALTA TRAFFIC SOLUTIONS INC 503/482-7500	08/02/11	4432	Q	INTEGRAL BEADS SWARCO 3130 SURFACE APPLIED SWARCO 3130 DROP ON BEAD SWARCO 3130
00907.10	BIRD SPIKES	BIRD SPIKE 2001	BIRD-B-GONE 800/392-6915	02/14/02	2523	A	STAINLESS STEEL VERSION.
00907.10	BIRD SPIKES	NIXALITE MODEL S	NIXALITE OF AMERICA INC. 800/624-1189	02/14/02	2522	A	STAINLESS STEEL VERSION.
00930.00	PSST - SIGN SUPPORT	ANCHOR TUBE HEAVY WALL ANCHOR 21/2" & 3" x 36" -7GA	SERVICE STEEL 503/224/9500 TRAFFIC SAFTY SUPPLY CO INC 800/547/8518	07/14/11	4430	Q	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00930.00	PSST - SIGN SUPPORT	ONE PIECE TUBE ANCHOR HEAVY WALL ANCHOR	PACIFIC PRODUCTS 800/320-3230 TRAFFIC SAFETY 800/547-8518	05/13/10	3730	A	2.5" X 2.5" & 3" X 3" 7GA 36" ANCHORS FOR 2 & 2.5" POSTS PER ODOT TM687. MUST BE ASTM A500 GR B & GALV PER ASTM A123
00930.00	PSST - SIGN SUPPORT	ULTI-MATE G140	ULTIMATE HIGHWAY PRODUCTS NICK CALVI 800/730-4939	10/14/10	1613	A	THE G140 VERSION MEETS OUR SPECS.
00930.00	PSST - SLIP BASE	REDI-TORQUE MODEL 280 (GALV) MODEL: RT8UX-25T36C-G 8" R-T	XCESSORIES SQUARED DEV & MFG 217/438-3535	10/14/10	4156	A	HARDWARE ON MFG# 021510. TOP ASSEMBLY ON MFG# 021910. BOTTOM BASE ON MFG#SB8-CTA-36G ASSEMBLY MUST BE GALVANIZED.
00990.43	TRAFFIC LOOP SEALANTS EPOXY	EAS-14	QCM COMPANY 800/321-0170 930 S. CENTRAL KENT, WA 98052	05/01/88	762	A	AC OR PCC. EPOXY. TYPES 1 & 2; FOR HILLS & FLAT GRADES. DAMP BUT NOT WET. SPECS REQ. 1 YR WARRANTY PAST JOB ACCEPTANCE.
00990.43	TRAFFIC LOOP SEALANTS HOT MELT ASPHALT	BJ SUPER	DYNAMIC SURFACE APPLICATIONS 800/491-5663 NORTHWEST JOINTS 503/703-0765 WAS LAFARGE NOW DSA	05/13/04	2926	A	POLYMER MODIFIED ASPHALTIC BINDER.
00990.43	TRAFFIC LOOP SEALANTS HOT MELT ASPHALT	CRAFCO 34271 LOOP SEALANT	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	02/10/00	143	A	AC OR PCC.HOT MELT, RUBBERIZED ASPHALT. HI TEMP CAN MELT WIRE INSULATION. CLEAN & DRY. (WAS DISTRIBUTED BY MSI)
00990.43	TRAFFIC LOOP SEALANTS HOT MELT ASPHALT	DURAFLEX DETECTOR LOOP SEALANT #760	HENRY CO. 800/851-1131 ALPINE PRODUCTS 800/591-9466 916/849-9908	08/14/03	2804	A	
00990.43	TRAFFIC LOOP SEALANTS POLYESTER	BONDO P 6061	3-M TRAFFIC 404/661-1875 WAS BONDO CORP 800/241-3386	08/12/10	879	A	POLYESTER. IT'S POURABLE, SELF LEVELING, ASSURES PROTECTION TO WIRES. SPECS. REQ. 1 YEAR WARRANTY PAST JOB ACCEPTANCE.
00990.43	TRAFFIC LOOP SEALANTS POLYESTER	BONDO P-606V	3-M TRAFFIC 404/661/1875 ADVANCED TRAFFIC PRODUCTS 425/347/6308	12/30/11	4348	A	POURABLE POLYESTER CURABLE BY FURNISHED MEKP

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
01010.03	SCF-DISSOLVED METALS STORMWATER CONTROL FACIL	FILTERRA BIORETENTION SYSTEM	FILTERRA BIORETENTION SYSTEMS 866/349-3458 (AMERICAST)	01/14/10	3703	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-DISSOLVED METALS STORMWATER CONTROL FACIL	MODULAR WETLAND SYSTEMS	MODULAR WETLAND SYSTEM 760/433-7640	07/28/14	4765	A	
01010.03	SCF-OIL TREATMENT STORMWATER CONTROL FACIL	FILTERRA BIORETENTION SYSTEM	FILTERRA BIORETENTION SYSTEMS 866/349-3458 (AMERICAST)	01/14/10	3703	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-OIL TREATMENT STORMWATER CONTROL FACIL	MODULAR WETLAND SYSTEMS	MODULAR WETLAND SYSTEM 760/433-7640	07/28/14	4765	A	
01010.03	SCF-PHOSPHOROUS TREATMENT STORMWATER CONTROL FACIL	FILTERRA BIORETENTION SYSTEM	FILTERRA BIORETENTION SYSTEMS 866/349-3458 (AMERICAST)	06/25/12	3703	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-PHOSPHOROUS TREATMENT STORMWATER CONTROL FACIL	MODULAR WETLAND SYSTEMS	MODULAR WETLAND SYSTEM 760/433-7640	07/28/14	4765	A	
01010.03	SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL	CONTINUOUS DEFLECTIVE SEPARATOR (CDS)	CONTECH STORMWATER SOLUTIONS 503/258-3105	09/11/08	3690	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL	DOWNSTREAM DEFENDER	HYDRO INTERNATIONAL 207/321-3741 OR 207/756-6200	07/10/08	2001	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL	FILTERRA BIORETENTION SYSTEM	FILTERRA BIORETENTION SYSTEMS 866/349-3458 (AMERICAST)	01/08/09	3703	A	NOT ON WSDOE APPROVED LIST

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
01010.03	SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL	MODULAR WETLAND SYSTEMS	MODULAR WETLAND SYSTEM 760/433-7640	07/28/14	4765	A	
01010.03	SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL	VORTECHS SYSTEM	CONTECH STORMWATER SOLUTIONS 503/258-3105	09/11/08	3693	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SEDIMENT PRETREATMENT STORMWATER CONTROL FACIL	STORMCEPTOR	RINKER MATERIALS 800/909-7763 PETER VAN TILBURG 503/572-9894	04/08/10	1696	A	SEDIMENT CONTAINMENT.CLEAN-OUT IS BY VACUUM TRUCK. CONSULT WITH GEOHYDRO.
01010.03	SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL	FILTERRA BIORETENTION SYSTEM	FILTERRA BIORETENTION SYSTEMS 866/349-3458 (AMERICAST)	01/14/10	3703	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL	FLOGARD PERK FILTER	KRISTAR ENTERPRISES 951/970-0728	04/12/13	4605	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL	MEDIA FILTRATION SYSTEM	CONTECH STORMWATER SOLUTIONS 503/258-3105	09/11/08	3691	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL	MODULAR WETLAND SYSTEMS	MODULAR WETLAND SYSTEM 760/433-7640	07/28/14	4765	A	
01010.03	SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL	STORMWATER MGT STORMFILTER	CONTECH STORMWATER SOLUTIONS 503/258-3105	09/11/08	3692	A	USE MEDIA ZPG CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01040.15	COMPOST	NATURE'S OWN LIVING HUMUS	NATURE'S NEEDS 503/647-9489	04/14/05	2947	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
01040.15	SOIL CONDITIONER ORGANIC	KIWI POWER	QUATTRO ENVIRONMENTAL 619/522-0044	11/08/01	2442	A	USED ON WINCHESTER SLIDE REVEG AND CAPE COVE SLIDE, AND LINN DUTTON ROD PROJECTS.
01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY ENDO	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3938	A	
01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY ENDO PLUS	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3939	A	
01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY ENDO/ECTO PLUS	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3940	A	
01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY ENDONET	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3944	A	
01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY MICRONIZED ENDO	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3941	A	
01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY MICRONIZED ENDO/ECTO	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3942	A	
01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY SOLUBLE MAXX	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3943	A	
01040.17	SOIL BIO-AMENDMENT	NATURE'S OWN LIVING HUMUS	NATURE'S NEEDS 503/647-9489	04/14/05	2947	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
01040.17	SOIL BIO-AMENDMENT	PERMAMATRIX BIOTIC SOIL AMENDM	SUNMARK ENVIRONMENTAL 503/241-7333	11/11/10	4218	A	
01040.21	HERBICIDES	BIOBARRIER II WEED CONTROL	REEMAY, INC., OLD HICKORY,TN 615/847-7000	05/18/98	1627	A	PROD. IS FABRIC,INCORPERATING HERBICIDE NODULES AT INTERVALS PROD. IS UV SENSITIVE,AND MUST BE COVERED WITH 2"OF COVER MTL
01040.21	HERBICIDES	BIOBARRIER ROOT CONTROL	REEMAY, INC., OLD HICKORY,TN 615/847-7000	05/18/98	1626	A	PRODUCT GUARANTEED, 15 YRS. PROD. IS TIME-RELEASED HERB-ICIDE NODULES,IMBEDDED AT REGULAR INTERVALS IN FABRIC.
01040.21	SOIL STERILIZATION	CASORON (GRANULAR)	LILLY MILLER 800/265-0761	05/01/88	1387	A	FOLLOW MFG INSTRUCTIONS FOR APPLICATION. DO NOT OVER APPLY.
01040.22	MOISTURE RETENTION CHEMICAL - FOR SOIL	SOIL MOIST - POLYMER	JRM CHEMICAL 800/962-4010 1675 MARYLHURST DR WEST LINN, OR 97068 503/636-8849	11/09/06	446	A	ACRYLIC POLYMER REDUCE WATERINGS BY 50% INTENDED FOR PLANTING IN LOW MOISTURE AREAS.
01040.22	MOISTURE RETENTION CHEMICAL - FOR SOIL	STOCKOSORB 660	EVONIK STOCKHAUSEN336/335-3871 INNOVATIVE TURF SOLUTIONS 513/317-8311	05/13/10	4137	A	USE CARE IN APPLICATION.
01070.00	MAILBOX SUPPORTS	T&T MAILBOX SUPPORT MODELS 15001 & 15002	TRAFFIC SAFETY/TAPCO 800/547-8518	07/14/05	3166	A	SLIGHT MODIFICATION OF TAPCO SUPPORT BY TRAFFIC SAFETY TO MEET OUR REQUIREMENTS - RD100. INCLUDES V-WING ANCHOR (20VR3)
02010.10	CEMENT, TYPE I	CAL PORTLAND-JURONG TCC CEMENT WAS CHIA HSIN JINGYANG	CALPORTLAND COMPANY Kevin Wolf 503/535-7713	09/11/08	3282	A	
02010.10	CEMENT, TYPE I	NEVADA CEMENT	NEVADA CEMENT 775/575-2281 LAKEVIEW REDIMIX 541/947-2212	01/12/06	3229	A	SUBSTANCIALLY MET AASHTO M85 TYPE I, DID NOT MEET TYPE II REQUIREMENTS.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02010.10	CEMENT, TYPE I WAS CHIA HSIN JINGYANG	ASH GROVE - JURONG TCC CEMENT	ASHGROVE CEMENT CO. 206/623-5596	09/11/08	3465	A	AASHTO TYPE I ONLY.
02010.10	CEMENT, TYPE I, II	CAL PORTLAND - MOJAVE CEMENT	CALPORTLAND COMPANY Kevin Wolf 503/535-7713	12/11/08	3724	A	
02010.10	CEMENT, TYPE I, II	CAL PORTLAND - NANJING	CALPORTLAND COMPANY Kevin Wolf 503/535-7713	05/14/09	1619	A	SOURCE: ONODA (NANJING).
02010.10	CEMENT, TYPE III	LAFARGE CEMENT - KAMLOOPS	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	01/11/96	1475	A	KAMLOOPS PLANT AASHTO TYPE III ODOT ID# 1475B
02010.10	CEMENT, TYPES I, II	CAL PORTLAND - SSANGYONG CEMENT SsangYong Cement Ind. Corp.	CALPORTLAND COMPANY Kevin Wolf 503/535-7713	07/26/13	4671	A	
02010.10	CEMENT, TYPES I, II	CEMEX YAQUI	CEMEX 713/650-6200	01/21/14	4704	A	YAQUI CEMENT MEXICO
02010.10	CEMENT, TYPES I, II	LAFARGE CEMENT - EXSHAW	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	01/11/96	1475	A	EXSHAW PLANT: AASHTO TYPE I,II ODOT ID# 1475A
02010.10	CEMENT, TYPES I, II	LAFARGE SHANSHI TYPE I-II	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	06/08/06	3315	A	
02010.10	CEMENT, TYPES I, II	LEHIGH CEMENT-DELTA WAS CALAVARAS THEN TILBURY	LEHIGH NORTHWEST CEMENT CO. 503/293-8459 JIM RENNIE 604/946-0411	01/07/98	1746	A	DELTA BC PLANT.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02010.10	CEMENT, TYPES I, II, III	ASH GROVE CEMENT - DURKEE	ASHGROVE CEMENT CO. 206/623-5596	01/14/99	1472	A	DURKEE PLANT ONLY. AASHTO TYPES I, II, & III.
02010.10	CEMENT, TYPES I, II, III	ASH GROVE CEMENT - SEATTLE	ASHGROVE CEMENT CO. 206/623-5596	01/11/96	1472	A	SEATTLE PLANT ONLY. AASHTO TYPES I, II, III
02010.10	CEMENT, TYPES I, II, III	LAFARGE CEMENT - RICHMOND BC	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	12/09/99	1968	A	
02010.10	CEMENT, TYPES I, II, III	LEHIGH CEMENT-REDDING WAS CALAVARAS THEN TILBURY	LEHIGH SOUTHWEST CEMENT CO. REDDING 530/275-1581	01/11/96	1473	A	REDDING CALIFORNIA PLANT ONLY. AASHTO TYPES I,II,III
02010.10	CEMENT, TYPES I, III	CAL PORTLAND - DALIAN	CALPORTLAND COMPANY Kevin Wolf 503/535-7713	05/14/09	2207	A	
02010.20	CEMENT, TYPE IP (15)	LAFARGE CEMENT - SEATTLE	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	12/09/99	1970	A	TYPE F FLY ASH BLENDED-SEATTLE PLANT TYPE 1 CEMENT WITH 15% TYPE F FLY ASH
02010.20	CEMENT, TYPE IS (20)	LAFARGE MAXCEM (20%)	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	02/14/02	2298	A	SLAG BLENDED - SEATTLE PLANT TYPE 1 CEMENT WITH 20% SLAG
02010.20	CEMENT, TYPE IS (30)	LAFARGE MAXCEM (30%)	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	09/08/05	3021	A	SLAG BLENDED - SEATTLE PLANT TYPE 1 CEMENT WITH 30% SLAG
02015.20	PCC REPAIR	FIVE STAR HWY PATCH	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 WHITE CAP 503/287-4151 MASONS SUPPLY 800/537-3407	05/01/88	65	A	VERY RAPID SET

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02015.20	PCC REPAIR	MASTER EMACO S 440 MC WAS MBT LA REPAIR MORTAR	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	611	A	VERTICAL
02015.20	PCC REPAIR	MASTER EMACO T 1060 WAS MBT THOROC 10-60 RAPID MORTAR	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	839	A	VERY RAPID SET MINIMUM THICKNESS: 1/2 INCH
02015.20	PCC REPAIR	MBT SET 45	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	655	A	VERY RAPID SET. DO NOT USE UNDER LATEX OR POLYESTER-RESIN CONCRETE OVERLAYS MAGNESIUM PHOSPHATE PRODUCT NAME CHANGE PENDING
02015.20	PCC REPAIR	PHOSCRETE FOUR-SEASONS	PHOSCRETE CORPORATION Nick Marks 206/963-6327 Mason Supply Company 503/234-4321	10/04/13	4696	A	VERY RAPID SET
02015.20	PCC REPAIR	PHOSCRETE VO-PLUS	PHOSCRETE CORPORATION Nick Marks 206/963-6327 Mason Supply Company 503/234-4321	10/04/13	4697	A	VERY RAPID SET
02015.20	PCC REPAIR	SPEED CRETE 2028	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/09/03	1790	A	VERY RAPID SET MINIMUM THICKNESS: 1/2 INCH
02015.20	PCC REPAIR	SPEED CRETE RED LINE	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/09/08	207	A	VERTICAL COSMETIC APPLICATIONS ONLY ADDED GYPSUM IN PRODUCT
02015.20	PCC REPAIR	TAMMS EXPRESS REPAIR	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/09/08	2536	A	VERY RAPID SET
02015.20	PCC REPAIR	US SPEC POLYPATCH FR	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	12/17/12	4571	A	VERY RAPID SET

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02015.20	PCC REPAIR	US SPEC QUICKSET 20	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	03/10/11	4341	A	VERTICAL
02015.20	PCC REPAIR	US SPEC STR MORTAR	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	01/13/11	4158	A	RAPID SET
02015.20	PCC REPAIR	US SPEC TP MORTAR	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	12/17/12	4570	A	VERTICAL 0-1/2" APPLICATIONS
02015.20	PCC REPAIR	US SPEC TP MORTAR	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	12/17/12	4570	A	RAPID SET 0-1/2" APPLICATIONS
02015.20	PCC REPAIR	US SPEC TRANSPATCH CONCRETE	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	07/26/13	4409	A	RAPID SET
02015.20	PCC REPAIR	US SPEC TRANSPATCH CONCRETE	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	07/26/13	4409	A	VERY RAPID SET
02015.30	PCC REPAIR POLYMER MODIFIED	CHEMPATCH V/O 1	CHEMMASTERS 800/486-7866 UNITED RENTALS 503/234-0255	12/14/06	3290	A	RAPID SET & VERTICAL MODULUS: 3,600,000
02015.30	PCC REPAIR POLYMER MODIFIED	EUCO REPAIR V100	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/820-4576 MASONS SUPPLY 800/537-3407	03/25/14	4756	A	VERY RAPID SET, VERTICAL
02015.30	PCC REPAIR POLYMER MODIFIED	MASTER EMACO N 400 RS WAS THOROC HBA REPAIR MORTAR	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	05/01/88	216	A	VERTICAL COSMETIC SURFACE REPAIRS ONLY

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02015.30	PCC REPAIR POLYMER MODIFIED	REPCON 928	SPEC CHEM 913/371-8700 MASONS 800/537-3407 WHITE CAP 800/456-7445	07/07/14	4781	A	VERY RAPID SET
02015.30	PCC REPAIR POLYMER MODIFIED	SPEED CRETE PM	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/09/08	2530	A	VERTICAL
02015.30	PCC REPAIR POLYMER MODIFIED	TAMMS FORM & POUR	EUCLID CHEMICAL DAVE DILLON 425/820-4576 MASONS SUPPLY 800/537-3407	10/09/08	3504	A	VERTICAL
02015.30	PCC REPAIR POLYMER MODIFIED	US SPEC H2	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	09/17/14	4807	A	RAPID SET USE US SPEC DURA AS RECOMMENDED, 4 QUARTS TO 50 LBS US SPEC H2 (DRY)
02015.30	PCC REPAIR POLYMER MODIFIED	US SPEC WS-P1	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	03/10/11	4342	A	VERTICAL
02030.10	MODIFIER-FLY ASH	Boundary Dam Class Fly Ash Estevan Saskashewan Power	BOUNDRY DAM POWER PLANT 1 604/952-5621 LEHIGH NW CEMENT COMPANY 1/800/752-6794	05/16/12	4493	Q	CLASS F
02030.10	MODIFIER-FLY ASH	CENTRALIA FLY ASH - LAFARGE F	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	05/08/08	3620	Q	CLASS F
02030.10	MODIFIER-FLY ASH	CLASS C FLY ASH - BOARDMAN MUST COME FROM BOARDMAN PLANT.	BORAL MATERIALS 210/349-4069	01/16/95	1463	Q	CLASS C
02030.10	MODIFIER-FLY ASH	COAL CREEK CLASS F FLY ASH COAL CREEK - UNDERWOOD ND	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	07/14/11	4413	Q	CLASS F

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02030.10	MODIFIER-FLY ASH	COAL CREEK FLY ASH	HEADWATERS RESOURCES SKIP HUFFMAN 888/657-5159	05/11/06	3305	Q	CLASS F
02030.10	MODIFIER-FLY ASH	DELTA CLASS F FLY ASH	HEADWATERS RESOURCES SKIP HUFFMAN 888/657-5159	09/10/09	3953	Q	CLASS F INTERMOUNTAIN POWER PLANT; DELTA,UTAH.
02030.10	MODIFIER-FLY ASH	GENESEE FLY ASH	EPOR INC. 780/412-3489 ENX INC. 780/454-4199	08/12/04	2999	Q	CLASS F
02030.10	MODIFIER-FLY ASH	HEADWATERS - JE CORETTE	HEADWATERS RESOURCES SKIP HUFFMAN 888/657-5159	05/10/07	3479	Q	CLASS C DISTRIBUTED FROM CENTRALIA. COMES FROM BILLINGS MT.
02030.10	MODIFIER-FLY ASH	HEADWATERS - JIM BRIDGER ASH	HEADWATERS RESOURCES Douglas Yeggy 916/214-7293	03/08/07	3449	Q	CLASS F
02030.10	MODIFIER-FLY ASH	HEADWATERS MARTIN LAKE FLY ASH MARTIN (TX) LAKE POWER PLANT	HEADWATERS RESOURCES SKIP HUFFMAN 888/657-5159	02/11/10	4088	Q	CLASS F
02030.10	MODIFIER-FLY ASH	LAFARGE CENTRALIA CLASS C ASH	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	05/13/10	4143	Q	CLASS C TRANS ALTA CENTRALIA POWER PLANT
02030.10	MODIFIER-FLY ASH	MICRON3	BORAL MATERIALS 210/349-4069	07/14/05	3095	Q	CLASS F ULTRA FINE GRIND
02030.10	MODIFIER-FLY ASH	SHEERNESS CLASS F FLY ASH ATCO POWER - CALGARY ALBERTA	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	07/14/11	4412	Q	CLASS F

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02030.10	MODIFIER-FLY ASH	SUNDANCE CLASS F FLY ASH	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	05/08/08	3634	Q	CLASS F
02030.10	MODIFIER-FLY ASH	WABAMUN FLY ASH	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	07/12/07	3528	Q	CLASS F WABAMUN, ALBERTA; CANADA.
02030.20	MODIFIER - SILICA FUME (MICROSILICA)	ACT - DSF	ADVANCED CEMENT TECHNOLOGY 360/332-7060	07/09/09	3892	Q	
02030.20	MODIFIER - SILICA FUME (MICROSILICA)	CON-FUME SILICA FUME	CEMENTEC INDUSTRIES 403/720-6699	04/09/09	3820	Q	
02030.20	MODIFIER - SILICA FUME (MICROSILICA)	EMS-970D	ELKEM MATERIALS 412/299-7229	09/10/09	3959	Q	
02030.20	MODIFIER - SILICA FUME (MICROSILICA)	FORCE 10,000D	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	12/09/04	3054	Q	
02030.20	MODIFIER - SILICA FUME (MICROSILICA)	MASTERLIFE SF 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503-329-7232	10/12/06	3053	Q	WAS RHEOMAC SF-100 1/14
02030.30	MODIFIER - LATEX ADMIX FOR DECK OVERLAY	MODIFIER A/NA	TRINSEO 989/636-2496	07/14/11	1305	Q	SUBMIT AS PART OF MIX DESIGN REQUEST THRU MATERIALS LAB. ADMIX FOR LMC OVERLAY WAS STYRON LATEX MODIFIER A/NA
02030.30	MODIFIER - LATEX ADMIX FOR DECK OVERLAY	STYROFAN 1186	BASF CORP, CHEMICALS DIV. JOHN SWEENEY 317/293-4250 800/251-0612	05/01/88	566	Q	SUBMIT AS PART OF MIX DESIGN REQUEST THRU MATERIALS LAB. ADMIX FOR LMC OVERLAY

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02030.40	MODIFIER - GGBF (SLAG)	DURA SLAG	ASHGROVE CEMENT CO. DAVE BURG 503/207-2109	09/10/09	3970	Q	GROUND GRANULATED BLAST FURNACE SLAG.
02030.40	MODIFIER - GGBF (SLAG)	LAFARGE NEWCEM	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	09/08/05	3022	Q	GROUND GRANULATED BLAST FURNACE SLAG.
02030.40	MODIFIER-GGBF (Slag)	CALPORTLAND SLAG CEMENT	SAMPYO CORPORATION SOUTH KOREA CALPORTLAND 503/5357713	05/07/12	4491	Q	
02030.50	MODIFIER - METAKAOLIN HI REACTIVITY	POWER POZZ	GRACE DAVISON 803/648-9575 ADVANCED CEMENT TECHNOLOGIES KEN MCPHALEN 360/332-7060	04/10/08	2676	Q	
02030.60	MODIFIER-BLENDED	NEWCEM PLUS	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	07/05/13	4670	Q	FLY ASH F & GGBS BLEND
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	AIR TITE 60 NOW CALLED DARAVAIR AT60	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/09/97	1599	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	DARAVAIR 1000	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	04/11/02	2557	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	DARAVAIR AT30	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/10/07	3491	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	DARAVAIR PAVE 10	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	04/14/11	4270	A	SAME AS DARAVAIR 1000

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	DAREX II AEA	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	06/10/93	1035	A	MFG HAS SUBMITTED TEST RESULTS CONFORMING TO ASTM C-260. USES ORGANIC ACID SALTS IN AN AQUEOUS SOLUTION.
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	EUCON AEA 92	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/09/04	2257	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	EUCON AIR 40 WAS BORAL AIR 40	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/14/98	1741	A	LIQUID ADDITIVE, SAID BY MANUF.TO REDUCE PERMEABILITY, & ENHANCE FREEZE/THAW & DE-ICE CAPABILITY OF CONCRETE.
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	EUCON AIR MIX 200	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/09/04	2256	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	FRITZ-PAK AIR PLUS	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	07/08/93	1040	A	DRY, POWDERED AEA ADMIX. 236ML UPS FULL LOAD 1/4 TO 1%. COMPATIBLE W/ALL AEA + CACL. ADD OTHER ADMIX. SEPARATELY.
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	FRITZ-PAK SUPER AIR PLUS	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	07/08/93	1041	A	DRY, POWDERED AEA ADMIX. 236ML UPS FULL LOAD 3/4 TO 2%. COMPATIBLE W/ALL AEA + CACL. ADD OTHER ADMIX SEPARATELY.
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	MASTERAIR AE 200	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	2957	A	WAS MICRO AIR 1/14
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	MASTERAIR AE 400	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	11/11/10	4264	A	WAS EVERAIR PLUS 1/14
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	MASTERAIR AE 90	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	1163	A	WAS MB-AE 90 1/14

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	MASTERAIR VR 10	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	2047	A	WAS MB-VR 1/14
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	PAVE AIR 90	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	06/11/09	3899	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	PAVE-AIR	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	1358	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	POLYCHEM AE	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	11/14/02	2545	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	SIKA AIR	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3243	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	SIKA AIR 260	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	07/10/13	4679	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	SIKA MULTI AIR 25	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	03/10/11	4349	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	STABLE AIR	CELLULAR CONCRETE TECHNOLOGIES 949/754-0570	07/26/12	4503	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	ADVA FLEX	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	07/14/11	4405	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	ADVA XT2	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	07/09/13	4677	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	DARACEM 19	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	02/13/97	1565	A	ALSO KNOWN AS WRDA 19
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	DARACEM 55	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	03/09/95	1294	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	DARACEM 65	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	08/08/96	1532	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON HC WAS BORAL HC	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	02/11/99	1737	A	WAS RELCRETE TW-4
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON HW WAS BORAL HW	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/14/98	1736	A	DESIGNED FOR COLD WEATHER USE,WITH MIN.RETARDING
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON LR WAS BORAL LR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/12/01	1732	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON MR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/12/06	2258	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON NW WAS BORAL NW	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/14/98	1733	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON RD2 WAS BORAL RD2	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/01/88	2049	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON WR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/12/06	2261	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON WR91	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/09/04	2259	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON X-15 WAS BORAL X-15	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/14/98	1731	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	KB1000	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	11/14/02	2548	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERGLENIUM 7101	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	09/13/07	3484	A	WAS GLENIUM 7101 1/14 NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERGLENIUM 7500	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	09/13/07	3501	A	WAS GLENIUM 7500 1/14 NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERGLENIUM 7920	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	01/08/15	4856	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPAVE	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	1359	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPAVE N	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	215	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPOLYHEED 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	1903	A	WAS POLYHEED FC 100 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPOLYHEED 900	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	2903	A	WAS POLYHEED 900 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPOLYHEED 997	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	213	A	WAS POLYHEED 997 1/14 WAS POZZOLITH POLYHEED. 1/98
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPOZZOLITH 200	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	1428	A	WAS POZZOLITH 200N 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPOZZOLITH 322	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	2059	A	WAS POZZOLITH 322N 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPOZZOLITH 80	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	1477	A	WAS POZZOLITH 80 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERRHEOBUILD 1000	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	1353	A	WAS RHEOBUILD 1000 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MELCHEM	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	04/14/05	2554	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MIRA 110	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	11/12/09	3992	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MIRA 62	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	04/09/09	3850	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	PLASTOCRETE 100	SIKA CORPORATION 330/495-0109	01/08/15	4839	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	PLASTOL 6400	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4794	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	POLYCHEM 1000	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	11/14/02	2547	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	POLYCHEM 400 NC	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2549	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	POLYCHEM VR	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	11/14/02	2546	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	POZZOLITH 700	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	01/21/14	4707	A	WAS POZZOLITH 700N 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	PS-1466	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	3238	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 1000	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	07/10/13	4680	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 2100	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3251	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 2110	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	03/10/11	4350	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 4100	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3250	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 6100	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3252	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKAMENT 686	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3249	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKAPLAST 300GP	SIKA CORPORATION 330/495-0109	01/21/14	4719	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA 20	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/10/02	2484	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA 27	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/10/02	2473	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA 64	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/13/94	1078	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA 79	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/01/88	2071	A	SAME AS WRDA PAVE 17
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA 82	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	08/08/91	771	A	SAME AS WRDA PAVE 18
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA PAVE 17	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	04/14/11	4273	A	SAME AS WRDA 79
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA PAVE 18	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	04/14/11	4274	A	SAME AS WRDA 82
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	ZYLA 610	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	08/14/08	3325	A	CARBOHYDRATE BASED MONITOR COMPATIBILITY
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	ZYLA 630	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/08/09	3731	A	
02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	DARATARD 17	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/01/88	1883	A	
02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	DARATARD HC	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/01/88	2038	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	MASTERSET R 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	2055	A	WAS POZZOLITH 100XR 1/14
02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	MASTERSET R 300	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	2058	A	WAS POZZOLITH 300R 1/14
02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	PLASTIMENT	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	05/01/88	2051	A	
02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	PLASTIMENT ES	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	03/10/11	4351	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	ACCELGUARD 80 WAS EUCON CAN & BORAL CAN	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/12/01	1740	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	DARASET 200	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	11/10/99	1881	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	DARASET 400	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 480/381-0780	02/14/08	3603	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	DARASET HES	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	04/09/09	3849	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	DCI	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	02/13/92	543	A	CALCIUM NITRATE SOLUTION FOR SET ACCELERATION ONLY. LONG TERM EFFECTS AS A CORROSION INHIBITOR UNKNOWN.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	EUCON CIA	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/08/08	2262	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	EUCON NIA	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4797	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	MASTERLIFE CI 30	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	1880	A	WAS RHEOCRETE CNI 1/14 HAS A CORROSION INHIBITOR.
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	MASTERPOLYHEED 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	1903	A	WAS POLYHEED FC 100 1/14
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	MASTERSET FP 20	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	2705	A	WAS POZZUTEC 20+ 1/14 NON CHLORIDE ACCEL AND POLYCARBOXYLATE DISPERSANT.
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	POLARSET	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	12/14/95	1406	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	POLYCHEM CI	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	02/13/03	2555	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	POLYCHEM SUPER SET	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2551	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	SIKA CNI	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3253	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	SIKA RAPID 1	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3246	A	DO NOT USE WITH ANTI-SHRINK ADDITIVES.
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	SIKASET NC	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3247	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE NON CHLORIDE	MASTERSET AC 534	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	1879	A	WAS POZZOLITH NC 534 1/14 HIGH DOSE OF ACCELERATOR MAY SEE UP TO 3000 PSI IN ONE HOUR.
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	DARAFILL	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/21/14	4711	A	CAPSULES (EGG)
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	DARAFILL BP	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/21/14	4712	A	
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	DARAFILL DRY	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/21/14	4710	A	
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	EUCON EASY FILL	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4793	A	
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	GOLDEN AIR	AERIX INDUSTRIES 484/223-0279 FORTA CORPORATION 724/458-5221	01/21/14	4721	A	
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	MASTERCELL 25	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	01/21/14	4708	A	WAS RHEOCELL RHEOFILL 1/14

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE SUPER SET EXTENDERS	MASTERSET DELVO	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	751	A	FOR USE AS SET EXTENDER ONLY. APPROVAL ON THE MIX DESIGN NEEDED. BRIDGE DECKS AND OVERLAYS.
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE SUPER SET EXTENDERS	RECOVER	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	12/09/04	1521	A	FOR USE AS SET EXTENDER ONLY. APPROVAL ON THE MIX DESIGN NEEDED. BRIDGE DECKS AND OVERLAYS.
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER / RETARDER	MASTERSET DELVO	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	751	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER / RETARDER	RECOVER	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	03/10/11	1521	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER / RETARDER	V-MAR VSC 500	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	04/08/10	4129	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER / RETARDER	WRDA 82	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	03/10/11	771	A	SAME AS WRDA PAVE 18
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER / RETARDER	WRDA PAVE 18	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	04/14/11	4274	A	SAME AS WRDA 82
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER/RETARDER	EUCON WR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/12/06	2261	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER/RETARDER	EUCON WR91	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/09/04	2259	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER/RETARDER	FR - 1	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	07/13/00	2147	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	DARATARD 17	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/01/88	1883	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	DARATARD HC	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/01/88	2038	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON DS	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4796	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON LR WAS BORAL LR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/13/01	1732	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON RETARDER 100	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/09/04	2255	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON TR WAS BORAL TR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	06/14/01	1735	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	MASTERSET R 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	2055	A	WAS POZZOLITH 100XR 1/14
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	MASTERSET R 300	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	2058	A	WAS POZZOLITH 300R 1/14

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	PLASTIMENT	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	05/01/88	2051	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	PLASTIMENT ES	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	03/10/11	4351	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	POLYCHEM R	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2550	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	POZZOLITH 700	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	01/21/14	4707	A	WAS POZZOLITH 700N 1/14
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	ACCELGUARD 80 WAS EUCON CAN & BORAL CAN	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/12/01	1740	A	
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	EUCON NIA	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4797	A	
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	MASTERPOLYHEED 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	1903	A	WAS POLYHEED FC 100 1/14
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	MASTERSET FP 20	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	2705	A	WAS POZZUTEC 20+ 1/14 NON CHLORIDE ACCEL AND POLYCARBOXYLATE DISPERSANT.
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	POLYCHEM SUPER SET	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2551	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	SIKASET NC	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3247	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA 140M SAME AS ADVA 140	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	06/08/06	2599	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA 190	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	06/14/07	3459	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA 198	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555	05/27/15	4886	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA CAST 575	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/10/07	3490	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA CAST 600	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	19/13/	4592	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	DARACEM 55	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	11/12/09	1294	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	EUCON MR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/12/06	2258	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	EUCON SP WAS BORAL SP	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	06/14/01	1738	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MASTERGLENIUM 3030	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	2524	A	WAS GLENIUM 3030 NS 1/14 DESIGNED FOR SELF LEVELING CONCRETE.
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MASTERGLENIUM 3400	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	3047	A	WAS GLENIUM 3400 NV 1/14
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MASTERGLENIUM 7101	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	06/14/07	3484	A	WAS GLENIUM 7101 1/14 NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MASTERGLENIUM 7500	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	07/12/07	3501	A	WAS GLENIUM 7500 1/14 NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MASTERGLENIUM 7700	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	09/13/07	3536	A	WAS GLENIUM 7700 1/14 NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MASTERGLENIUM 7920	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	01/08/15	4856	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MELCHEM	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	04/14/05	2554	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MIRA 110	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	11/12/09	3992	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MIRA 62	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	04/09/09	3850	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MIRA 95	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555	05/27/15	4887	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	PS-1466	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	3238	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER FOR PRECAST/PRESTRESS	ADVA CAST 555	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	06/08/06	3324	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA 195	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/08/09	3725	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA 405	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	03/10/11	4354	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA CAST 530	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	11/09/04	2746	A	DESIGNED FOR SELF COMPACTING CONCRETE, BUT MEETS SPEC FOR OTHER USES.
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA CAST 540	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	11/09/04	2636	A	DESIGNED FOR SELF COMPACTING CONCRETE, BUT MEETS SPEC FOR OTHER USES.
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA CAST 585	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	07/07/14	4798	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA FLEX	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	07/14/11	4405	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	DARACEM 100	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	06/09/94	1154	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	EUCON 37	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/09/04	2260	A	WAS P# 1357 Q IN 6/89. D 9/04 CAUSE MFG DIDN'T INCL TESTS.
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	EUCON RD2 WAS BORAL RD2	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/01/88	2049	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	FRITZ SUPERCIZER 1	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	09/10/92	901	A	DESIGNED AS SLUMP CONTROL W/O ADDING MORE WATER. SUBMIT WITH MIX DESIGN.
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	FRITZ SUPERCIZER 5	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	09/10/92	902	A	CAN REDUCE WATER REQUIREMENTS UP TO 25%. SUBMIT W/MIX DESIGN
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	FRITZ SUPERCIZER 6	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	09/10/92	903	A	CAN REDUCE WATER REQUIREMENTS UP TO 40%. SUBMIT W/MIX DESIGN
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	MASTERRHEOBUILD 1000	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	1353	A	WAS RHEOBUILD 1000 1/14
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	PLASTOL 6200EXT	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4795	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	PLASTOL 6400	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4794	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 1000	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	07/10/13	4680	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 2100	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3251	A	EXTENDED SLUMP LIFE: 60-90 MIN
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 2110	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	03/10/11	4350	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 4100	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3250	A	MAY RETARD SET.
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 6100	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3252	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKAMENT 686	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3249	A	MAY RETARD SET.
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE WATER REDUCER	MASTERPOLYHEED 997	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	10/12/06	213	A	WAS POLYHEED 997 1/14 WAS POZZOLITH POLYHEED. 1/98
02040.10	CHEMICAL ADMIXTURES TYPE G ADMIXTURE HI RNGE H20 REDUCE/RETARD	EUCON RD-1 WAS BORAL RD-1	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	06/14/01	1739	A	
02040.10	CHEMICAL ADMIXTURES TYPE G ADMIXTURE HI RNGE H2O REDUCE/RETARD	DARACEM 100	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	08/08/96	1154	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	CHEMICAL ADMIXTURES TYPE G ADMIXTURE HI RNGE H2O REDUCE/RETARD	FRITZ-PAK SUPERCIZER 7	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	07/12/01	2146	A	
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE RHEOLOGY MODIFER	VMAR F100	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	03/19/14	4757	A	
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE VISCOSITY MODIFIER	MASTERMATRIX VMA 358	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	05/14/09	2526	A	WAS RHEOMAC VMA 358 1/14 DESIGNED FOR SELF LEVELING CONCRETE
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE VISCOSITY MODIFIER	VISCTROL	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4792	A	
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE VISCOSITY MODIFIER	V-MAR 3	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/14/09	3197	A	REPORT ANY UNUSUAL CRACKING OR OTHER PROBLEMS.
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE WORKABILITY RETAINING	MASTERSURE Z 60	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 DAVID MALINOFF 503/780-0580-7232	03/10/11	3901	A	WAS RHEOTEC Z-60 1/14 FOR SELF CONSOLIDATING CONCRETE
02045.10	SYNTHETIC FIBER REINFORCING MICRO	GRACE MICROFIBER	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	10/20/14	4835	A	DOSE RATE OF 1.0 POUNDS PER CUBIC YARD NOT FOR HIGH PERFORMANCE CONCRETE NOT FOR SFC OVERLAY OK FOR ALL OTHER CONCRETE APPLICATIONS
02045.20	SYNTHETIC FIBER REINFORCING MACRO	FORTA FERRO	FORTA CORPORATION BOB GRACE 800/245-0306	03/24/15	4880	A	DOSE RATE OF 5.5 POUNDS PER CUBIC YARD FOR HIGH PRFORMANCE CONCRETE DOSE RATE OF 5.5 POUNDS PER CUBIC YARD FOR SFC OVERLAY
02045.20	SYNTHETIC FIBER REINFORCING MACRO	STRUX 90/40	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/21/14	4090	A	DOSE RATE OF 5.5 POUNDS PER CUBIC YARD FOR HIGH PERFORMANCE CONCRETE DOSE RATE OF 6.0 POUNDS PER CUBIC YARD FOR SFC OVERLAY

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02045.20	SYNTHETIC FIBER REINFORCING MACRO	STRUX BT50	W.R. GRACE & CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/21/14	4741	A	DOSE RATE OF 7 POUNDS PER CUBIC YARD FOR SFC OVERLAY
02050.10	CURING COMPOUND, CONCRETE TYPE 1, CLASS A	SEALTIGHT 1300 CLEAR VOC'S = 18G/L	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	05/01/88	776	Q	CLEAR WAX. WATCH SHELF LIFE.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A	AMERICAN WHITE WAX DOT CURE VOC'S = 42 G/L	AMERICAN CONCRETE SYSTEMS INC REP: JAN WINN 619/578-5270 WESTSIDE CONCRETE ACCESSORIES BRIAN MCALLISTER 503/591-0203	02/13/92	832	Q	WHITE WAX. MIX WELL.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A	L & M CURE W-2 VOC = 25 G/L	L & M CONSTRUCTION CHEMICALS 800/362-3331 OR 420/453-6600 BILL PAVITT 425/562-6076	07/09/92	850	Q	WATERBASED. MIX WELL.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A	SEALTIGHT 1635 VOC'S = 18 G/L	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	03/09/00	1038	Q	WHITE WAX. WATCH SHELF LIFE.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A & B	SEALTIGHT 1200 VOC'S = 69G/L	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	08/08/91	760	Q	WHITE RESIN. WATCH SHELF LIFE
02050.30	CURING BLANKET, CONCRETE	GEOTEX CCB6	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC. 503/771-5115	12/10/12	4555	A	POLYPROPYLENE FABRIC. STILL NEEDS POLYETYLENE FABRIC AS WITH BURLAP.
02050.30	CURING BLANKET, CONCRETE	SKAPS GE160 WHITE	SKAPS VIA GEOTK 888/708-8835	04/13/06	3228	A	NON-WOVEN NEEDLE PUNCHED POLYPROPYLENE FABRIC. STILL NEEDS POLYETYLENE FABRIC AS WITH BURLAP.
02055.10	CONCRETE SURFACE RETARDER FORM SURFACES	FORMULA F SURFACE RETARDER	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/14/10	3559	A	OK FOR PLACEMENT ON FORMS TEST TO DETERMINE CURE TIME.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02055.10	CONCRETE SURFACE RETARDER FORM SURFACES	MBT HI-V	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	12/10/09	3568	A	OK FOR PLACEMENT ON FORMS TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER FORM SURFACES	MBT TUF-COTE	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	12/13/07	3578	A	OK FOR PLACEMENT ON FORMS TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER FORM SURFACES	MBT X-POZ-R	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	12/13/07	3577	A	OK FOR PLACEMENT ON FORMS TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER FORM SURFACES	PIERI DURO-TARD	W.R. GRACE & CO. 877/423-6491 DENNIS BAUGH 703/626-1577 MASONS SUPPLY 800/537-3407	12/10/09	3561	A	OK FOR PLACEMENT ON FOMRS TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER FORM SURFACES	SUPER TARD-F	CLEMONS CONCRETE COATINGS 615/872-9099	12/10/09	3558	A	OK FOR PLACEMENT ON FORMS TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER FRESH CONCRETE SURFACES	FORMULA S SURFACE RETARDER	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/14/10	4215	A	OK FOR PLACEMENT- FRESH CONCR. TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER FRESH CONCRETE SURFACES	MBT EAC-S	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	12/13/07	3576	A	OK FOR PLACEMENT- FRESH CONCR. TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER FRESH CONCRETE SURFACES	MBT X-POZ-R	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	12/13/07	3577	A	OK FOR PLACEMENT- FRESH CONCR. TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER FRESH CONCRETE SURFACES	SPECETCH	SPECCHEM LLC 816/968-5600 WHITE CAP 503/287-4151	06/13/14	4778	A	OK FOR PLACEMENT- FRESH CONCR. TEST TO DETERMINE CURE TIME.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02060.10	CONCRETE AND CRACK SEALER LOW MOD HMWM	KBP FLEX	KWIK BOND POLYMERS,LLC DAN ULDALL 360/600-7762	03/24/15	4882	A	
02060.10	CONCTERE AND CRACK SEALER LOW MOD EPOXY	DURAL 50 LM	EUCLID CHEMICAL DAVE DILLON 425/338-4958	06/14/07	3447	A	
02060.10	CONCTERE AND CRACK SEALER LOW MOD EPOXY	E-BOND 523 PENETRATING SEALER CRACK HEALER PRIMER	E-BOND EPOXIES, INC 954/566-6555 TRANSPO INDUSTRIES 914/636-1000	01/21/14	4705	A	
02060.10	CONCTERE AND CRACK SEALER LOW MOD EPOXY	POLYCARB MARK 135	POLY-CARB 800/225-5649 DAN PATACCA 216/536-7777	11/08/07	1859	A	
02060.10	CONCTERE AND CRACK SEALER LOW MOD HMWM	TRANSPO SEALATE T70MX-30	TRANSPO INDUSTRIES 914/636-1000	03/10/05	2488	A	3 PART MOISTURE SENSITIVE
02060.10	CONCTERE AND CRACK SEALER LOW-MOD EPOXY	PRO-POXY 40 LV LM	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	02/10/11	4159	A	
02060.20	CONCTERE AND CRACK SEALER HIGH MOD EPOXY	CCS COATING EPOXY HEALER SEALR	CHEMCO SYSTEMS 800/757-6773 650/261-3790	07/12/07	2338	A	MOISTURE SENSITIVE
02060.20	CONCTERE AND CRACK SEALER HIGH MOD EPOXY	DURAL 335	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/10/05	1918	A	
02060.20	CONCTERE AND CRACK SEALER HIGH MOD HMWM	KBP 103	KWIK BOND POLYMERS DAN ULDALL 360/600-7762	03/10/05	2597	A	3 PARTS. 6 MO SHELF LIFE. CRACKS: .004 -.118 CHECK W/MFG MFG CLAIMS OK FOR DAMP SURFACE 40-100 DEGREES F. REMOVE EXCES

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02060.20	CONCTERE AND CRACK SEALER HIGH MOD HMWM	KBP 204	KWIK BOND POLYMERS DAN ULDALL 360/600-7762	03/10/05	2598	A	3 PARTS. 6 MONTH SHELF LIFE. CRACKS: .004 -.118 CHECK W/MFG MFG CLAIMS OK FOR DAMP SURFACE 40-100 DEGREES F. REMOVE EXCES
02060.20	CONCTERE AND CRACK SEALER HIGH MOD HMWM	SIKA PRONTO 19TF	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	03/10/05	1072	A	MOISTURE SENSITIVE
02060.30	CONCRETE SEALER WATER REPELLENT	MASTER PROTECT H 1000 WAS HYDROZO 100	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	2177	A	100% SILANE. ALBERTA DOT 1C LIST APPROVED
02060.30	CONCRETE SEALER WATER REPELLENT	PROTECTOSIL BHN	EVONIK CORPORATION 360/904-9847 SALLEECO INC. 253/841-2849	06/16/15	4891	A	100% SILANE. ALBERTA DOT 1C LIST APPROVED
02060.30	CONCRETE SEALER WATER REPELLENT	SEALMASTER 100%	TECHNICAL BARRIER SYSTEMS 888/537-2888 BRUCE HOLLIDAY 503/646-0801	11/11/10	4155	A	100% SILANE. ALBERTA DOT 1C LIST APPROVED.
02060.30	CONCRETE SEALER WATER REPELLENT	SIL-ACT ATS 100	ADVANCED CHEMICAL TECHNOLOGIES KEVIN BROWN 800/535-0433 JIM SULLIVAN 206/484-8236	02/10/11	4337	A	100% SILANE. ALBERTA DOT 1C LIST APPROVED
02060.30	CONCRETE SEALER WATER REPELLENT	SW-244-100VOC	SHERWIN WILLIAMS 360/609-1879 JOHN REISER 360/931-4645 ERIC ZIMMERMAN 503/804-6924	08/12/10	4179	A	100% SILANE. ALBERTA DOT 1C, LIST APPROVED
02070.10	BONDING AGENT, EPOXY	DURAL 452 GEL	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/17/14	4750	A	TYPE IV, V GRADE 3 CLASS C
02070.10	BONDING AGENT, EPOXY	DURAL 452 LV	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/17/14	4752	A	TYPE IV, GRADE 1 CLASS C

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02070.10	BONDING AGENT, EPOXY	DURAL 452 MV	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/17/14	4751	A	TYPE IV, V GRADE 2 CLASS 2
02070.10	BONDING AGENT, EPOXY	DURAL FAST SET EPOXY GEL	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/17/14	4753	A	TYPE IV, GRADE 3 CLASS B & C
02070.10	BONDING AGENT, EPOXY	PRO-POXY 204	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	12/14/06	3122	A	TYPE IV, V GRADE 2 CLASS B & C
02070.10	BONDING AGENT, EPOXY	SPECPOXY 1000	SPECCHEM LLC 816/968-5600 WHITE CAP 503/287-4151	06/13/14	4780	A	TYPE IV, V GRADE 1 CLASS B & C
02070.10	BONDING AGENT, EPOXY	SPECPOXY 2000	SPECCHEM LLC 816/968-5600 WHITE CAP 503/287-4151	06/13/14	4782	A	TYPE IV, V GRADE 2 CLASS B & C
02070.10	BONDING AGENT, EPOXY	SPECPOXY 3000	SPECCHEM LLC 816/968-5600 WHITE CAP 503/287-4151	09/03/14	4833	A	TYPE IV, V GRADE 3 CLASS C
02070.10	BONDING AGENT, EPOXY	ULTRABOND 2100	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	03/11/13	4600	A	TYPE IV, V GRADE 1 CLASS B & C
02070.10	BONDING AGENT, EPOXY	UNITEX SLOW SET BONDING AGENT	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	05/10/07	3123	A	TYPE V GRADE 2 CLASS B & C
02070.20	BONDING AGENT, NON-EPOXY	EVERBOND	L & M CONSTRUCTION CHEMICALS 800/362-3331 OR 420/453-6600	07/09/09	1315	A	ASTM C1059 TYPE ii

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02070.20	BONDING AGENT, NON-EPOXY	TARGET POLYMER BONDING AGENT	TARGET PRODUCTS 800/575-7700 WILLAMETTE GRYSTN 541/726-7666 WILLIAMS FORM ENG 800/255-0560	05/01/88	1194	A	
02070.20	BONDING AGENT, NON-EPOXY	US SPEC DURA	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	09/17/14	4806	A	USE ABOVE 40 DEGREES F AND ABOVE 40 DEGREES FOR 48 HOURS CURE TIME.
02080.10	GROUT, EPOXY	EAS-8	QCM COMPANY 800/321-0170 930 S. CENTRAL KENT, WA 98032	12/07/89	475	A	
02080.10	GROUT, EPOXY	EAS-8 LPL	QCM COMPANY 800/321-0170 930 S. CENTRAL KENT, WA 98032	12/07/89	474	A	
02080.20	GROUT, NON-EPOXY	WIL-X CEMENT	WILLIAMS FORM 800/255-0560	10/09/03	2890	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	1107 ADVANTAGE GROUT	DAYTON SUPERIOR 800/745-3703 LISA WEAVER 937/866-0711 X44187	12/10/98	1427	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	CRYSTEX	L & M CONSTRUCTION CHEMICALS 800/362-3331 OR 420/453-6600 BILL PAVITT 425/562-6076	07/09/09	319	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	EUCO NS GROUT	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/09/08	1233	A	CEMENTITIOUS BASED.
02080.20	GROUT, NON-EPOXY NON-SHRINK	FIVE STAR FLUID GROUT 100	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 MASONS SUPPLY 800/537-3407	01/16/15	4868	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02080.20	GROUT, NON-EPOXY NON-SHRINK	FIVE STAR GROUT	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 WHITE CAP 503/287-4151 MASONS SUPPLY 800/537-3407	07/14/11	4301	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	FIVE STAR INSTANT GROUT	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 WHITE CAP 503/287-4151 MASONS SUPPLY 800/537-3407	05/01/88	1216	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	SC MULTIPURPOSE GROUT	SPEC CHEM 913/371-8700 MASONS 800/537-3407 WHITE CAP 800/456-7445	07/09/09	3494	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	SIKAGROUT 212	SIKA CORP 800/933-7452 THAD BROWN 425/486-5917 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	12/10/09	546	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	TARGET PORTLAND EXPANDING	TARGET PRODUCTS 800/575-7700 WILLAMETTE GRYSTN 541/726-7666 WILLIAMS FORM ENG 800/255-0560	12/17/93	668	A	NON-SHRINK GROUT.
02080.20	GROUT, NON-EPOXY NON-SHRINK	UNITEX MULTI-PURPOSE GROUT	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	04/12/07	3472	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	US SPEC GP GROUT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	11/11/10	1930	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	US SPEC MP GROUT ODOT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	11/11/10	3424	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	US SPEC RA GROUT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	06/12/14	4775	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02080.20	GROUT, NON-EPOXY NON-SHRINK CEMENTITIOUS W/ FLYASH	NC GROUT WAS HORN GROUT	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	04/11/06	1425	A	
02080.30	GROUT, KEYWAY	1107 ADVANTAGE GROUT	DAYTON SUPERIOR 800/745-3703 LISA WEAVER 937/866-0711 X44187	12/10/98	1427	A	
02080.30	GROUT, KEYWAY	CRYSTEX	L & M CONSTRUCTION CHEMICALS 800/362-3331 OR 420/453-6600 BILL PAVITT 425/563-6076	07/09/09	319	A	
02080.30	GROUT, KEYWAY	EUCO NS GROUT	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/09/08	1233	A	CEMENTITIOUS BASED.
02080.30	GROUT, KEYWAY	FIVE STAR INSTANT GROUT	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 WHITE CAP 503/287-4151 MASONS SUPPLY 800/537-3407	05/01/88	1216	A	
02080.30	GROUT, KEYWAY	SIKAGROUT 212	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	12/10/09	546	A	
02080.30	GROUT, KEYWAY	TARGET PORTLAND EXPANDING	TARGET PRODUCTS 800/575-7700 WILLAMETTE GRYSTN 541/726-7666 WILLIAMS FORM ENG 800/255-0560	05/01/88	668	A	
02080.30	GROUT, KEYWAY	UNITEX MULTI-PURPOSE GROUT	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	04/12/07	3472	A	
02080.30	GROUT, KEYWAY	US SPEC GP GROUT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	11/11/10	1930	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02080.30	GROUT, KEYWAY	US SPEC MP GROUT ODOT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	11/11/10	3424	A	
02080.30	GROUT, KEYWAY CEMENTITIOUS	FIVE STAR GROUT	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 WHITE CAP 503/287-4151 MASONS SUPPLY 800/537-3407	07/14/11	4301	A	
02080.30	GROUT, KEYWAY CEMENTITIOUS W/ FLYASH	NC GROUT WAS HORN GROUT	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/11/06	1425	A	
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	MASTER FLOW 1206 WAS MBT MASTERFLOW 1341	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	3010	Q	
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	EUCO CABLE GROUT PTX	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	08/24/12	4513	Q	
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	FIVE STAR SPECIAL GROUT 400	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 WHITE CAP 503/287-4151 MASONS SUPPLY 800/537-2307	07/14/05	3134	Q	
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	US SPEC NA-100	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	01/08/15	4861	Q	
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	US SPEC NA-50	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	09/09/10	4206	Q	
02080.50	GROUT, TENDON - VR 0-6' VERTICAL RISE: 0 - 6'	MASTER FLOW 1205	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	2461	Q	
							PRODUCT NAME CHANGE PENDING

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02080.50	GROUT, TENDON - VR 0-6' VERTICAL RISE: 0 - 6'	US SPEC NA GROUT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	04/13/06	3048	Q	
02080.50	GROUT, TENDON - VR 6-100' VERTICAL RISE: 6' - 100'	TARGET 1121 CABLE DUCT GROUT	TARGET PRODUCTS 800/575-7700 WILLIAMS FORM 503/286-3647 WHITECAP 503/287-4151	04/08/10	4089	Q	
02110.20	GUARDRAIL BLOCKS, PLASTIC - WOOD/STEEL POST	MONDO BLOCK II	MONDO POLYMER TECHNOLOGIES RENO, OHIO; 614/376-9396	10/10/02	2635	A	STRONG STEEL OR WOOD POSTS.
02110.20	GUARDRAIL BLOCKS, PLASTIC BLOCK- STEEL POST	DURA-BULL BLOCKOUT	CREATIVE BUILDING PRODUCTS 800/860-2855	12/12/96	1520	A	RECYCLED PLASTIC BLOCK FOR GUARDRAIL INSTALLATIONS. SPECIAL PROVISION SP00810
02110.20	GUARDRAIL BLOCKS, PLASTIC BLOCK- STEEL POST	KING BLOCK MODIFIED 2007	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559	10/11/07	3531	A	THIS MODEL IS FOR STEEL POSTS ONLY. 70% RECYCLED PLASTIC.
02110.20	GUARDRAIL BLOCKS, PLASTIC BLOCK- STEEL POST	LIFETIME BLOCKOUTS	LIFETIME LUMBER PRODUCTS 419/478-9000	01/11/01	2355	A	RECYCLED COMPOSITE BLOCK FOR GUARDRAIL INSTALLATIONS. STEEL POSTS
02110.20	GUARDRAIL BLOCKS, PLASTIC BLOCK- STEEL POST	P-BLOCK SERIES: P-BLOCK	MONROEVILLE INDUSTRIAL MOLDING 419/668-1820	10/08/09	3960	A	FOR STEEL POSTS ONLY.
02110.20	GUARDRAIL BLOCKS, PLASTIC BLOCK- STEEL POST	P-BLOCK SERIES: THRIE BEAM BLK	MONROEVILLE INDUSTRIAL MOLDING 419/668-1820	10/08/09	3962	A	FOR STEEL POSTS ONLY.
02190.30	WOOD, FIELD PRESERVATIVE TREATMENT	CU-89-RTU II	OSMOSE RAILROAD SERVICES, INC TOM POPE 770/632-6783	04/29/13	4624	A	CONTAINS 2% COPPER AS METAL. NAPTHENATE

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02190.30	WOOD, FIELD PRESERVATIVE TREATMENT	TENINO COPPER NAPHTHENATE	COPPER CARE WOOD PRESERVATIVE 402/562-6815	06/11/09	3727	A	CONTAINS 2% COPPER AS METAL.
02210.20	TIMBER COATING	A-100 EXTERIOR OIL STAIN BLOCKING PRIMER A-100 EXTERIOR LATEX STAIN	SHERWIN WILLIAMS 360/609-1879 JOHN REISER 360/931-4645 ERIC ZIMMERMAN 503/804-6924	01/21/14	4734	A	PRIMER AND TOP COAT SYSTEM
02210.20	TIMBER COATING	PURE PAINT PRIMER ACRI-LITE SATIN 7400 SERIES	MILLER PAINT CO 503/233-4491	01/21/14	4736	A	PRIMER AND TOP COAT SYSTEM
02210.20	TIMBER COATING	STAIN STOMPER EXERIOR PRIMER 2110-1200N FORTIS 350 EXTERIOR SATIN PAINT 2402	GLIDDEN 541/953-9754	01/21/14	4735	A	PRIMER AND TOP COAT SYSTEM
02210.30	LATEX EMULSION PAINT FOR CONCRETE FINISH	ACRYTUFF # 87G102	FORREST PAINT EUGENE, OR 97402 REP:MICHAEL JACKSON 541/342-1821	05/09/96	1438	A	SPECIALLY FORMULATED TO MEET OUR 100-82 FORMULA. ORIGINALLY: 99-87J24-04-0
02210.30	LATEX EMULSION PAINT FOR CONCRETE FINISH	LOXON ACRYLIC COATING A24W351	SHERWIN WILLIAMS 360/609-1879 JOHN REISER 360/931-4645 ERIC ZIMMERMAN 503/804-6924	03/10/05	2249	A	COLOR: SW2093 OR SW2100
02210.30	LATEX EMULSION PAINT FOR CONCRETE FINISH	MILLER EXTERIOR ACRYLIC #9191	MILLER PAINT CO 503/233-4491	05/01/88	1721	A	DESIGNED TO MEET THE ODOT EMULSION FORMULA 100-82.
02210.30	LATEX EMULSION PAINT FOR CONCRETE FINISH	RODDA EXTERIOR ACRYLIC #24735	RODDA PAINT 12000 SW GARDEN PLACE PORTLAND OR 97223 503/521-4300	05/01/88	1326	A	DESIGNED TO MEET ODOT EMULSION FORMULA 100-82. CONCRETE GRAY
02210.30	LATEX EMULSION PAINT FOR CONCRETE FINISH	TAMMSCOAT	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/13/03	2765	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	ALLIANCE GEOSYNTHETICS BX2020	ALLIANCE GEOSYNTHETICS 503/261-3515	10/03/13	4698	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	COMBIGRID 30/30 Q1 151 GRK 3	NAUE AMERICA 208/661-7899 ADVANCED DRAINAGE 951/805-2079	07/14/11	4294	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	E'GRID 2020	HANES GEO COMPONENTS 336/747-1645	04/24/13	4623	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	GEOSTAR GEOBASE GB2020	GEOSTAR TECHNOLOGIES 901/881-2517 FERGUSON 503/240-6747	08/26/13	4683	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	GRIDPRO BXP12	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC. 503/771-5115	07/20/12	4507	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	SECUGRID 20/20 Q1	NAUE AMERICA 208/661-7899 ADVANCED DRAINAGE 951/805-2079	01/13/11	4295	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	SECUGRID 30/30 Q1	NAUE AMERICA 208/661-7899 ADVANCED DRAINAGE 951/805-2079	01/13/11	4296	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	TENSAR BX TYPE 2	TENSAR INTERNATIONAL CORP. 360/635-8418 ACF WEST 800/878-5115	01/13/11	4308	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	TENSAR TRIAX TX160	TENSAR INTERNATIONAL CORP. 360/635-8418 ACF WEST 800/878-5115	01/13/11	4307	Q	TRIANGULAR APETURES EXCLUDE TRADITIONAL TESTING. REFER TO SPECS FOR CERT LEVEL REQUIRED FOR EACH PROJECT.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	TERRAGRID RX1200	HANES GEO COMPONENTS 336/747-1645	04/24/13	4622	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	TRIGRID EX2030	ALLIANCE GEOSYNTHETICS 503/261-3515	02/10/11	4339	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - TYPE I MSEW	FORTRAC 110	HUESKER, INC. 800/942-9418 WWW.HUESKERINC.COM STEVE LOTHSPIECH 704/588-5500 EXT 120	03/12/09	3795	Q	ULTIMATE TENSILE: 7410 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3710 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	FORTRAC 20	HUESKER, INC. 800/942-9418 WWW.HUESKERINC.COM STEVE LOTHSPIECH 704/588-5500 EXT 120	03/12/09	3791	Q	ULTIMATE TENSILE: 1500 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 713 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	FORTRAC 35	HUESKER, INC. 800/942-9418 WWW.HUESKERINC.COM STEVE LOTHSPIECH 704/588-5500 EXT 120	03/12/09	3792	Q	ULTIMATE TENSILE: 2400 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1200 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	FORTRAC 55	HUESKER, INC. 800/942-9418 WWW.HUESKERINC.COM STEVE LOTHSPIECH 704/588-5500 EXT 120	03/12/09	3793	Q	ULTIMATE TENSILE: 3710 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1860 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	FORTRAC 80	HUESKER, INC. 800/942-9418 WWW.HUESKERINC.COM STEVE LOTHSPIECH 704/588-5500 EXT 120	03/12/09	3794	Q	ULTIMATE TENSILE: 5380 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2690 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 03XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3744	Q	ULTIMATE TENSILE: 3500 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1660 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 05XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3745	Q	ULTIMATE TENSILE: 4700 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2230 LB/FT (WSDOT STANDARD PRACTICE T925)

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 07XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3746	Q	ULTIMATE TENSILE: 5900 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2790 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 08XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3747	Q	ULTIMATE TENSILE: 7400 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3510 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 10XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3748	Q	ULTIMATE TENSILE: 9500 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4500 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 18XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3749	Q	ULTIMATE TENSILE: 9357 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4120 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 20XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3750	Q	ULTIMATE TENSILE: 13705 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 6490 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 22XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3751	Q	ULTIMATE TENSILE: 20559 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 9740 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 24XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3752	Q	ULTIMATE TENSILE: 27415 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 13000 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 100/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4391	Q	ULTIMATE TENSILE: 6849 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3446 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 110/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4392	Q	ULTIMATE TENSILE: 7534 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3790 LB/FT (WSDOT STANDARD PRACTICE T925)

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 125/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4393	Q	ULTIMATE TENSILE: 8562 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4307 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 150/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4394	Q	ULTIMATE TENSILE: 10274 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 5169 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 175/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4395	Q	ULTIMATE TENSILE: 11986 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 6030 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 180/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4396	Q	ULTIMATE TENSILE: 12329 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 6203 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 200/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4397	Q	ULTIMATE TENSILE: 13699 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 6892 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 30/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4383	Q	ULTIMATE TENSILE: 2055 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1034 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 40/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4384	Q	ULTIMATE TENSILE: 2740 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1378 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 50/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4385	Q	ULTIMATE TENSILE: 3425 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1723 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 60/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4386	Q	ULTIMATE TENSILE: 4110 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2068 LB/FT (WSDOT STANDARD PRACTICE T925)

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 65/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4387	Q	ULTIMATE TENSILE: 4552 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2240 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 70/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4388	Q	ULTIMATE TENSILE: 4795 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2412 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 80/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4389	Q	ULTIMATE TENSILE: 5479 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2756 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 90/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4390	Q	ULTIMATE TENSILE: 6164 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3101 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 11X3N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4152	Q	ULTIMATE TENSILE: 7535 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3399 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 13X3N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4153	Q	ULTIMATE TENSILE: 8905 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4018 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 15X3N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4154	Q	ULTIMATE TENSILE: 10275 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4636 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 3X3N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4147	Q	ULTIMATE TENSILE: 2055 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 927 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 4X2N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4148	Q	ULTIMATE TENSILE: 2740 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1236 LB/FT (WSDOT STANDARD PRACTICE T925)

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 5X2N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4149	Q	ULTIMATE TENSILE: 3425 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1545 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 6X3N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4150	Q	ULTIMATE TENSILE: 4110 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1854 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 8X3N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4151	Q	ULTIMATE TENSILE: 5480 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2472 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SF020	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	05/13/10	4144	Q	ULTIMATE TENSILE: 1939 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 800 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SF035	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	01/08/09	3781	Q	ULTIMATE TENSILE: 3055 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1260 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SF055	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	01/08/09	3782	Q	ULTIMATE TENSILE: 4199 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1732 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SF080	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	01/08/09	3783	Q	ULTIMATE TENSILE: 7398 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3052 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SF090	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	05/13/10	4145	Q	ULTIMATE TENSILE: 8500 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3507 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SF110	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	01/08/09	3784	Q	ULTIMATE TENSILE: 10207 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4211 LB/FT (WSDOT STANDARD PRACTICE T925)

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02320.10	GEOGRID - TYPE I MSEW	SF350	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	05/13/10	4146	Q	ULTIMATE TENSILE: 27400 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 11305 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG150	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4376	Q	ULTIMATE TENSILE: 1875 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 874 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG200	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4377	Q	ULTIMATE TENSILE: 3600 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1678 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG350	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4378	Q	ULTIMATE TENSILE: 5000 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2331 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG500	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4379	Q	ULTIMATE TENSILE: 6400 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2984 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG550	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4380	Q	ULTIMATE TENSILE: 8150 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3800 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG600	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4381	Q	ULTIMATE TENSILE: 9100 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4242 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG700	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4382	Q	ULTIMATE TENSILE: 11800 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 5501 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01400HS	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	05/13/10	3757	Q	ULTIMATE TENSILE: 4800 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1504 LB/FT (WSDOT STANDARD PRACTICE T925)

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02320.10	GEOGRID - TYPE I MSEW	UX01400MSE	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	01/08/09	3762	Q	ULTIMATE TENSILE: 4800 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1504 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01500HS	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	05/13/10	3758	Q	ULTIMATE TENSILE: 7810 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2492 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01500MSE	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	01/08/09	3763	Q	ULTIMATE TENSILE: 7810 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2492 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01600HS	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	05/13/10	3759	Q	ULTIMATE TENSILE: 9870 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3149 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01600MSE	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	01/08/09	3764	Q	ULTIMATE TENSILE: 9870 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3149 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01700HS	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	05/13/10	3760	Q	ULTIMATE TENSILE: 11990 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3768 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01700MSE	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	01/08/09	3765	Q	ULTIMATE TENSILE: 11990 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3768 LB/FT (WSDOT STANDARD PRACTICE T925)
02415.10	POLY DRAIN PIPE 4" - 10"	EAGLE CORR PE (DUAL WALL)	JM EAGLE 310/693-8200 EXT 7958	06/10/10	4136	A	
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE NWT = NON WATER-TIGHT	12" OREGON PLASTIC - HD PLAIN TYPE S PLAIN ENDS	OREGON PLASTIC TUBING 503/651-3151 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3506	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE NWT = NON WATER-TIGHT	12" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	08/14/08	3506	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE NWT = NON WATER-TIGHT	15" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	03/12/09	3717	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE NWT = NON WATER-TIGHT	18" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3508	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE NWT = NON WATER-TIGHT	24" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3510	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE NWT = NON WATER-TIGHT	30" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3512	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE NWT = NON WATER-TIGHT	36" PACIFIC CORRUGATED - PLAIN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	05/08/08	3625	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE NWT = NON WATER-TIGHT	ADS SERIES N-12 ST IB	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731	11/13/08	3435	A	12" TO 60" DIAMETERS.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE NWT = NON WATER-TIGHT	HANCOR SURELOK F-477	HANCOR, 888/367-7473 KELLY KOKESH 425/457-1187	11/09/04	1890	A	DIAMETERS: 12" TO 60".
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE NWT = NON WATER-TIGHT	12" OREGON PLASTIC - HD PLAIN TYPE S PLAIN ENDS	OREGON PLASTIC TUBING 503/651-3151 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3506	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE NWT = NON WATER-TIGHT	12" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	08/14/08	3506	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE NWT = NON WATER-TIGHT	15" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	03/12/09	3717	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE NWT = NON WATER-TIGHT	18" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3508	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE NWT = NON WATER-TIGHT	24" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3510	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE NWT = NON WATER-TIGHT	30" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3512	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE NWT = NON WATER-TIGHT	36" PACIFIC CORRUGATED - PLAIN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	05/08/08	3625	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE NWT = NON WATER-TIGHT	HANCOR SURELOK F-477	HANCOR, 888/367-7473 KELLY KOKESH 425/457-1187	11/09/04	1890	A	DIAMETERS: 12" TO 60".
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	12" OREGON PLASTIC - HD B & S TYPE S BELL & SPIGOT	OREGON PLASTIC TUBING 503/651-3151 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3505	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	12" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	08/14/08	3505	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	15" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	03/12/09	3716	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	18" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3507	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	24" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3509	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	30" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3511	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	36" PACIFIC CORRUGATED - B & S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	05/08/08	3624	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	42" PACIFIC CORRUGATED HD B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	11/12/09	3955	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	48" PACIFIC CORRUGATED HD B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	11/12/09	3957	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	ADS N-12 WTIB WAS ADS PRO-LINK ULTRA WT IB	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731	04/09/09	2482	A	DOUBLE WALL, CORRUGATIONS. 12" TO 60" DIAMETERS. HAS REINFORCED BELL.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	EAGLE CORR PE (DUAL WALL) 12" - 60"	JM EAGLE 310/693-8200 EXT 7958	06/10/10	4136	A	APPROVED FOR WATER-TIGHT APPLICATIONS. 12" TO 60"

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	HANCOR BLUESEAL WAS SURE-LOK WT	HANCOR, 888/367-7473 KELLY KOKESH 425/457-1187	10/14/10	1891	A	LOOK FOR BLUE WRAP ON SEAL FOR WATERTIGHT VERSION. DIAMETERS: 4" TO 60".
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	ISCO SNAP TITE 10" - 63"	ISCO INDUSTRIES 800/345-4726	12/24/12	3695	A	
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	PRINSCO GOLDFLO WT (12"-48") INTEGRAL BELL & SPIGOT	PRINSCO INC 815/635-3131 877/485-3316	01/10/08	3599	A	CORRUGATED HDPE
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	PRINSCO GOLDFLO WT (60") INTEGRAL BELL & SPIGOT	PRINSCO INC 815/635-3131 877/485-3316	04/14/11	3599	A	CORRUGATED HDPE
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	WEHOLITE (60") WELDED JOINTS	UPOVOR INFRA LTD 800/668-1892	01/10/08	2392	A	EXTRUSION WELDED JOINT BY MFG APPROVED TECHS. WAS KWH PIPE (2014)
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	12" OREGON PLASTIC - HD B & S TYPE S BELL & SPIGOT	OREGON PLASTIC TUBING 503/651-3151 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3505	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	12" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	08/14/08	3505	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	15" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	03/12/09	3716	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	18" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3507	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	24" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3509	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	30" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3511	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	36" PACIFIC CORRUGATED - B & S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	05/08/08	3624	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	42" PACIFIC CORRUGATED HD B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	11/12/09	3955	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	48" PACIFIC CORRUGATED HD B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	11/12/09	3957	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	ADS N-12 WTIB WAS ADS PRO-LINK ULTRA WT IB	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731	04/09/09	2482	A	DOUBLE WALL, CORRUGATIONS. 12" TO 60" DIAMETERS. HAS REINFORCED BELL.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	EAGLE CORR PE (DUAL WALL) 12" - 60"	JM EAGLE 310/693-8200 EXT 7958	06/10/10	4136	A	APPROVED FOR WATER-TIGHT APPLICATIONS. 12" TO 60"
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	HANCOR BLUESEAL WAS SURE-LOK WT	HANCOR, 888/367-7473 KELLY KOKESH 425/457-1187	10/14/10	1891	A	LOOK FOR BLUE WRAP ON SEAL FOR WATERTIGHT VERSION. DIAMETERS: 4" TO 60".
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	HANCOR SURELOK WT	HANCOR, 888/367-7473 KELLY KOKESH 425/457-1187	11/09/04	1891	A	DIAMETERS: 4" TO 10". BLUE WRAP FOR "WT" VERSION.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	ISCO SNAP TITE 10" - 63"	ISCO INDUSTRIES 800/345-4726	12/24/12	3695	A	
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	PRINSCO GOLDFLO WT (12"-48") INTEGRAL BELL & SPIGOT	PRINSCO INC 815/635-3131 877/485-3316	01/10/08	3599	A	CORRUGATED HDPE
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	PRINSCO GOLDFLO WT (60") INTEGRAL BELL & SPIGOT	PRINSCO INC 815/635-3131 877/485-3316	04/14/11	3599	A	CORRUGATED HDPE
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	WEHOLITE (60") WELDED JOINTS	UPOVOR INFRA LTD 800/668-1892	01/10/08	2392	A	EXTRUSION WELDED JOINT BY MFG APPROVED TECHS. WAS KWH PIPE (2014)
02415.10	POLYPROPYLENE, CORRUGATED CULVERT	ADS SANITITE HP TW 30"-60" (TRIPLE WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731	12/24/12	4558	A	TRIPLE WALL, CORRUGATIONS. 30" - 60"
02415.10	POLYPROPYLENE, CORRUGATED STORM	ADS SANIITITE HP TW 30"-60" (TRIPLE WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731	12/24/12	4558	A	TRIPLE WALL, CORRUGATIONS. 30" - 60"
02415.30	POLY WT PIPE - CULVERT STEEL REINFORCED HDPE WT = WATER-TIGHT	DUROMAXX WITH HP JOINTS 30" - 72"	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	08/12/10	3993	A	
02415.30	POLY WT PIPE - STORM STEEL REINFORCED HDPE WT = WATER-TIGHT	DUROMAXX WITH HP JOINTS 30" - 72"	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	08/12/10	3993	A	
02415.40	POLYPROPYLENE, CORRUGATED CULVERT	ADS HP STORM 36"-60" (DUAL WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731	12/24/12	4559	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02415.40	POLYPROPYLENE, CORRUGATED SANITARY	ADS SANITITE HP DW (DUAL WALL) 12" - 30" (DUAL WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDINIER 360-798-3731 800-733-8523	04/14/11	4167	A	DON'T HANDLE IN TEMPS BELOW 0 DEGREES F.
02415.40	POLYPROPYLENE, CORRUGATED SANITARY	ADS SANITITE HP TW 30" TO 60" (TRIPLE WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDINIER 360-798-3731 800-733-8523	04/14/11	4558	A	DON'T HANDLE IN TEMPS BELOW 0 DEGREES F.
02415.40	POLYPROPYLENE, CORRUGATED STORM	ADS HP STORM 12" - 30" (DUAL WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDINIER 360-798-3731 800-733-8523	04/14/11	4559	A	DON'T HANDLE IN TEMPS BELOW 0 DEGREES F.
02415.40	POLYPROPYLENE, CORRUGATED STORM	ADS HP STORM 36"-60" (DUAL WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731	12/24/12	4559	A	
02415.50	PVC DRAIN PIPE - PERF PERFORATED	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	A	
02415.50	PVC DRAIN PIPE - PERF PERFORATED	IPEX PVC DRAIN PIPE 3" AND 6"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	3433	A	
02415.50	PVC DRAIN PIPE - SOLID SOLID	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/01/07	488	A	
02415.50	PVC DRAIN PIPE - SOLID SOLID	IPEX PVC DRAIN PIPE 3" AND 6"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	3433	A	
02415.50	PVC PIPE - IRRIGATION	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02415.50	PVC PIPE - IRRIGATION	IPEX BLUE BRUTE C900 4" TO 12"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	2184	A	
02415.50	PVC PIPE - SANITARY	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	A	36"-120" FILL,NON-INTERSTATE 12-18" DIA. REVIEW W/LOCAL
02415.50	PVC PIPE - SANITARY	IPEX PVC ULTRA RIB PIPE 8" TO 24"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	1508	A	
02415.50	PVC PIPE - SANITARY	IPEX RING-TITE GASKETED 4" TO 42"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	2186	A	
02415.50	PVC WT PIPE - CULVERT WT = WATER-TIGHT	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	A	
02415.50	PVC WT PIPE - CULVERT WT = WATER-TIGHT	IPEX PVC ULTRA RIB PIPE 8" TO 24"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	1508	A	
02415.50	PVC WT PIPE - STORM WT = WATER-TIGHT	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	A	
02415.50	PVC WT PIPE - STORM WT = WATER-TIGHT	IPEX PVC ULTRA RIB PIPE 8" TO 24"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	1508	A	
02415.50	PVC WT PIPE - STORM WT = WATER-TIGHT	IPEX RING-TITE GASKETED 4" TO 42"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	2186	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02420.20	POLYMERIC COATING FOR CORRUGATED STEEL AND SPIRAL RIB PIPE	TRENCHCOAT	DOW CHEMICAL 800/232-2346 PACIFIC CORRUGATED PIPE LARRY WOOD 800/528-8815	03/14/02	2191	A	10 MILS POLYMERIC COATING REQUIRED ON BOTH SIDES OF PIPE TO GET 50 YEARS ADDITIONAL SERVICE LIFE. 12 GA & THINNER.
02420.20	POLYMERIC COATING FOR CORRUGATED STEEL PIPE	TRISHIELD STEEL RIBBED POLYETHYLENE	PACIFIC CORRUGATED PIPE LARRY WOOD 800/528-8815	08/14/97	1647	A	POLYMERIC PRECOATED, POLYETHYLENE LINED GALV STEEL. APPROVED BY ODOT FOR 50 YEARS ADDITIONAL SERVICE LIFE.
02440.10	EXPANSION JOINT SYSTEM, PREFORMED	FIBERFLEX EXPANSION JOINT/FORMFLEX	STEICO SE 410/725-9334	04/11/14	4760	A	NON STRUCURAL APPLICATIONS
02440.10	PREFORMED JOINT FILLER FOR CONCRETE	HOMEX 300	HOMASOTE COMPANY 800/257-9491	04/21/89	428	A	PREMOLDED WOOD FIBER STRIP FOR CONCRETE AND MASONRY JOINTS.
02440.10	PREFORMED JOINT FILLER FOR CONCRETE	REFLEX RUBBER EXPANSION JOINT	JD RUSSELL CO. 520/742-6194 MASONS SUPPLY 800/537-3407	12/14/00	2293	A	PREFORMED EXPANSION JOINT FILLER MATERIAL. LOW TO NO MOVEMENT APPLICATIONS.
02440.10	PREFORMED JOINT FILLER FOR CONCRETE	RIGHT JOINT EXPANSION JOINT	RIGHT POINTE CO. 888/755-5700 815/754-5700 JIM SULLIVAN 206/484-8236	02/10/05	3050	A	CELLULOSE LONG STRAND FIBERS IN AN ASPHALTIC BINDER.
02440.10	PREFORMED JOINT FILLER FOR CONCRETE	SEALTIGHT FIBRE EXPANSION JOIN	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	01/09/03	2412	A	CELLULAR FIBERS BONDED TOGETHE TOGETHER & SATURATED W/ASPHALT
02440.11	POURED JOINT SEALANT 2 PART SILICONE	BONDAFLEX SIL728 RCS	BONDAFLEX 800/641-0234 BRIAN DAMSCHRODER 201/458-2700	07/08/10	3163	Q	SELF LEVELING. DESIGN AND PROPER INSTALLATION IMPORTANT!
02440.11	POURED JOINT SEALANT 2 PART SILICONE	WABO 2-PART SELF-LEVL SILICONE NOW: WABOSILICONE SEAL (7-02)	WATSON BOWMAN ACME 800/677-4922	10/14/04	1771	Q	CAUTION SHOULD BE USED WHEN USING. DO NOT TOUCH WITH BARE HANDS. 4 HOUR CURE TIME. WILL NOT BOND TO ASPHALT.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02440.14	BACKER ROD	CERA-ROD	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	05/01/88	74	A	ASTM D5249 TYPE 1/3
02440.14	BACKER ROD	HBR	CONSTRUCTION FOAM PRODUCTS LISA JARVIS 919/380-6640 (CFM A DIV OF NOMACO)	07/14/11	820	A	ASTM D5249 TYPE 3
02440.14	BACKER ROD	HBR-XL	CONSTRUCTION FOAM PRODUCTS LISA JARVIS 919/380-6640 (CFM A DIV OF NOMACO)	07/14/11	366	A	ASTM D5249 TYPE 1/3
02440.14	BACKER ROD	HOT-ROD XL	INDUSTRIAL THERMO POLYMERS LTD 800/387-3847 (CANADA) WHITE CAP 503/287-4151 VEN: ATLAS SUPPLY 800/806-7952	10/04/90	367	A	ASTM D5249 TYPE 1/3
02440.14	BACKER ROD	ITP BACKER ROD	INDUSTRIAL THERMO POLYMERS LTD 800/387-3847 (CANADA) WHITE CAP 503/287-4151 VEN: ATLAS SUPPLY 800/806-7952	03/14/91	665	A	ASTM D5249 TYPE 3
02440.30	POURED JOINT FILLER HOT POURED	#3405 REGULAR - OR	RIGHT POINTE CO. 888/755-5700 815/754-5700 JIM SULLIVAN 206/484-8236	08/14/08	3672	A	
02440.30	POURED JOINT FILLER HOT POURED	BERAM 195	MCASPHALT INDUSTRIES 800/268-4238 PHOENIX ASPHALT 503/289-6696	11/08/07	3538	A	
02440.30	POURED JOINT FILLER HOT POURED	CRAFCO ROADSAVER 201 PART #34201	CRAFCO INC. 800/528-8242 GREG SHARP 971/645-1826	12/09/04	476	A	
02440.30	POURED JOINT FILLER HOT POURED	CRAFCO ROADSAVER 221 PART #34221	CRAFCO INC. 800/528-8242 GREG SHARP 971/645-1826	12/09/04	2099	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02440.30	POURED JOINT FILLER HOT POURED	DEERY 102 (PART# 80102)	CRAFCO 800/528-8242 WALLY SMITH 970/260-2596 PMSI 503/284-4330	04/14/11	3067	A	ASPHALTIC
02440.30	POURED JOINT FILLER HOT POURED	DEERY 102GL (PART# 80102GL)	CRAFCO 800/528-8242 WALLY SMITH 970/260-2596 PMSI 503/284-4330	04/14/11	3330	A	ASPHALTIC
02440.30	POURED JOINT FILLER HOT POURED	ELASTOFLEX 500	MAXWELL PRODUCTS 801/972-2090	10/14/04	2823	A	ASPHALTIC
02440.30	POURED JOINT FILLER HOT POURED	ELASTOFLEX 61	MAXWELL PRODUCTS 801/972-2090	10/14/04	1010	A	ASPHALTIC
02440.30	POURED JOINT FILLER HOT POURED	ELASTOFLEX 62	MAXWELL PRODUCTS 801/972-2090	10/14/04	1011	A	ASPHALTIC
02440.30	POURED JOINT FILLER HOT POURED	NUVO 3405	MAXWELL PRODUCTS 801/972-2090	07/09/09	3870	A	
02440.30	POURED JOINT FILLER HOT POURED	ROADSEAL 10312	ROADSEAL CANADA 604/451-0721 778/881-6984	01/14/10	4084	A	
02440.30	POURED JOINT FILLER HOT POURED	SA 102	MAXWELL PRODUCTS 801/972-2090 SPECIAL ASPHALR PRODUCTS GARY COOK 503/295-6490	04/24/13	4609	A	ASPHALTIC
02440.40	RUBBER GASKETS BUTYL	BUTYL-NEK PREFORMED PLASTIC JOINT SEALANT	HENRY SEALANTS 800/231-4549	03/10/05	2789	A	PIPES, CULVERTS, OR MANHOLES.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02440.40	RUBBER GASKETS BUTYL	RAM-NEK FLEXIBLE PLASTIC GASKET	HENRY SEALANTS 800/231-4549	03/10/05	2790	A	PIPES, CULVERTS, OR MANHOLES.
02440.40	RUBBER GASKETS MANHOLES	BEST SEAL C-56	BEST FITT GASKET CO. TARI KNOTT 253/863-9521	05/09/02	2457	A	MFG PROVIDED EVIDENCE THAT THIS PRODUCT MEETS AASHTO M198
02450.30	MANHOLE STEPS	AMERICAN MANHOLE STEP ML-10	AMERICAN STEP COMPANY 770/467-9844	01/09/97	1610	A	CO-POLYMER POLYPROPYLENE. USE WHERE 10" STEPS ARE ALLOWED 10" BETWEEN BARS. EXTENDS OUT 5.7".
02450.30	MANHOLE STEPS	AMERICAN MANHOLE STEP ML-13	AMERICAN STEP COMPANY 770/467-9844	01/09/97	1608	A	CO-POLYMER POLYPROPYLENE. INTERIOR BARS ARE EPOXY COATED 13" BETWEEN BARS. EXTENDS OUT 6".
02450.30	MANHOLE STEPS	AMERICAN MANHOLE STEP SML-13	AMERICAN STEP COMPANY 770/467-9844	01/09/97	1609	A	CO-POLYMER POLYPROPYLENE. INTERIOR BARS ARE EPOXY COATED 13" BETWEEN BARS. EXTENDS OUT 5.1".
02450.30	MANHOLE STEPS	AMERICAN STEP # ML-10 (STD)	AMERICAN STEP COMPANY 800/988-7837	04/14/05	1870	A	
02450.30	MANHOLE STEPS	AMERICAN STEP # ML-13 (STD)	AMERICAN STEP COMPANY 800/988-7837	04/14/05	1871	A	
02450.30	MANHOLE STEPS	AMERICAN STEP # SML-13 (STD)	AMERICAN STEP COMPANY 800/988-7837	04/14/05	1872	A	
02450.30	MANHOLE STEPS	BOWCO 93813R	BOWCO INDUSTRIES 503/266-9405	09/13/07	3518	A	

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02450.30	MANHOLE STEPS	LANE POLYPROPYLENE #P - 14850	LANE INTERNATIONAL CORP 503/692-9860 800/666-0076	07/23/12	4508	A	Replaces Model #13938
02450.30	MANHOLE STEPS	LANE POLYPROPYLENE #P - 14938	LANE INTERNATIONAL CORP 503/692-9860 800/666-0076	07/23/12	4509	A	Replaces Model #13938
02450.30	MANHOLE STEPS	MA MANHOLE STEPS PS2-PF	MA INDUSTRIES 800/241-8250 PIPE INC 503/285-8391	04/11/02	72	A	
02510.11	COATING FOR REBAR EPOXY	GREENBAR #720A009	VALSPAR 816/421-7400 GARY SCHIMMEL WAS LILLY CORPORATION PRIOR TO 2/2001.	10/14/93	779	A	EPOXY POWDER COATING THAT IS FUSION BONDED TO REBAR FOR AN IMPERMEABLE COATING. RECOMMEND PIPE CLAD PATCH PATCHING MATL.
02510.11	COATING FOR REBAR EPOXY	NAP-GARD 7-2719	DUPONT POWDER COATINGS ROB PHILLIPPI 513/520-2657	06/14/01	2359	A	MEETS AASHTO M 284, PER VALLEY FORGE TESTING. MFG RECOMMENDED PATCH IS NAPGARD 7-1870.
02510.11	COATING FOR REBAR EPOXY	NAP-GARD 7-2750	DUPONT POWDER COATINGS ROB PHILLIPPI 513/520-2657	01/28/13	4596	A	PATCH IS NAPGARD 7-1868
02510.11	COATING FOR REBAR EPOXY	POWDAX E90	SEIBERT POWDER COATINGS 216/631-2002	05/11/95	1161	A	PATCH MATERIAL: TRU-GLAZE 4 EPOXY, CATALOG #12402 BY DEVOE & REYNOLDS CO. AASHTO M284 TEST PERFORMED BY VALLEY FORGE
02510.11	COATING FOR REBAR EPOXY	RESICOAT RB-600	AKZO POWDER COATINGS FRITZ HERRMANN 615/995-5576	07/10/08	3586	A	MFG SUBMITTED INDEPENDENT TEST FOR AASHTO M-284. RECOMMENDED PATCH IS DENSO PROTAL 7200.
02510.11	COATING FOR REBAR EPOXY	SCOTCHKOTE 215	3-M COMPANY (CORROSION) RJ LABRADOR 512/984-3525	12/12/91	635	A	DRY POWDER. PASSES AASHTO M284 PER RESULTS FROM VALLEY FORGE. MFG RECOM PATCHING MATERIAL IS 3M SCOTCHKOTE 413/215PC.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02510.11	COATING FOR REBAR EPOXY	SCOTCHKOTE 413	3-M COMPANY (CORROSION) RJ LABRADOR 512/984-3525	02/11/93	978	A	TEST RESULTS FROM VALLEY FORGE SHOWS COMPLIANCE WITH M 284. RECOMMENDED PATCHING MATERIAL IS 3M SCOTCHKOTE 413/215PC.
02510.11	COATING FOR REBAR SPLICES	3-M ITCSN HEAT SHRINK SLEEVES	3-M COMPANY 800/545-3573 WALT DAVIS 503/984-7564 PLATT ELECTRIC 503/581-7012	01/11/96	1375	A	THIS APPEARS TO WORK BETTER THAN FIELD APPLIED PATCHES.
02510.11	COATING FOR REBAR SPLICES	SPICESEAL (HEAT SHRINK)	RJD INDUSTRIES, INC. 800/344-4753 WESTERN COATINGS, INC. 206/735-1070	04/10/97	953	A	THIS APPEARS TO WORK BETTER THAN FIELD APPLIED PATCHES. HEAT SHRINK TUBING
02510.25	HEADED BAR REINFORCEMENT	LENTON TERMINATOR D6 SERIES	ERICO PRODUCTS INC. 440-248-0100	01/21/14	3805	Q	#4 - #18 THREADED
02530.71	GALVANIZING, REPAIR HOT-DIP	DEVCON Z	ITW DEVCON 978/777-1100	01/21/14	4743	A	BRUSH OR SPRAY APPLICATION 3 MIL DRY FILM THICKNESS MINIMUM
02530.71	GALVANIZING, REPAIR HOT-DIP	ROVAL COLD GALVANIZING COMPOUND HIGH-BUILD TYPE	ROVAL USA, INC 971/237-0958	01/08/15	4862	A	BRUSH OR SPRAY APPLICATION 3 MIL DRY FILM THICKNESS MINIMUM
02530.71	GALVANIZING, REPAIR HOT-DIP	Z.R.C	ZRC WORLDWIDE 800/831-3275	01/21/14	4742	A	BRUSH OR SPRAY APPLICATION 3 MIL DRY FILM THICKNESS MINIMUM
02530.71	GALVANIZING, REPAIR HOT-DIP	ZINGA	CARWELL 800/856-6798	01/21/14	4744	A	BRUSH OR SPRAY APPLICATION 3 MIL DRY FILM THICKNESS MINIMUM
02560.70	LUBRICANTS BLACK FASTENERS	MARVEL MYSTERY OIL	TURTLE WAX 800/887-8539	01/31/13	4598	A	BLACK FASTENERS ONLY NOT FOR COATED OR GALVANIZED FASTENERS

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02560.70	LUBRICANTS BLACK FASTENERS	ZEP 45	ZEP, INC. 877/428-9937 OR 404/352-1680	01/31/13	4599	A	BLACK FASTENERS ONLY NOT FOR COATED OR GALVANIZED FASTENERS
02560.70	LUBRICANTS FOR GALVANIZED FASTENERS	MACUGUARD TORQUE 'N TENSION MACDERMID	ABCO PRODUCTS OF SACRAMENTO 916/447-9931 OR 916/417-4142	06/10/10	3814	A	
02560.70	LUBRICANTS FOR GALVANIZED FASTENERS	SAFETY FILM 639	CASTROL INDUSTRIAL 877/641-1600 IDG 503/288-3252 TYRE OIL 541/687-0076	12/10/93	921	A	USE AS CORROSION RESIST LUBRI-CANT ON VARIOUS FASTENERS. ALSO, USE AS A RUST PROTECTOR.
02560.70	LUBRICANTS FOR GALVANIZED FASTENERS	STICK-WAX WAS 140 STICK-WAX	CASTROL INDUSTRIAL 877/641-1600 IDG 503/288-3252 TYRE OIL 541/687-0076	09/10/09	920	A	
02560.70	LUBRICANTS FOR STAINLESS FASTENERS	MOLYKOTE G-N	DOW CORNING 989/496-6000	08/23/13	4690	A	STAINLESS STEEL FASTENERS NOT FOR COATED OR GALVANIZED
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-2 1' FLARE ONLY (50:1) 'L'=50' 9"	SOFTSTOP END TERMINAL ENERGY ABSORBING UNIT	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 8	01/21/14	4682	A	TESTED FOR IMPACT SPEEDS UP TO 60MPH
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-2 20" - 32" FLARE 'L' = 25'	FLEAT 350 TL-2 ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	02/10/00	1792	A	(FLEAT)FLARED ENERGY ABSORBING TERMINAL. TESTED AT IMPACT SPEEDS OF 70 KPH / 45 MPH. ENTIRE SYSTEM APPROVED.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-2 NON-FLARED; 'L' = 25'	SKT 350 TL-2 ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	02/10/00	1791	A	SEQUENTIAL KINKING TERMINAL. TESTED AT IMPACT SPEEDS OF 70 KPH/45 MPH. ENTIRE SYSTEM APPROVED.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 0-4' FLARE 'L'=37.5'	TREND 350 FLARED END TERMINAL	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	12/10/12	4569	A	ENERGY ABSORBING SHOULDER TERMINALS

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 0-4' FLARE 'L'=37.5'	X-LITE NON-ENERGY ABSORBING UNIT	LINDSAY TRANSPORTATION SOLUTIONS 707/374-6800 BARRIER SYSTEMS 704/473-6501	07/17/12	4505	A	NON-ENERGY ABSORBING TANGENT AND FLARED APPLICATION WAS TX TANGENT TERMINAL 10/15/13
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 1' FLARE ONLY (50:1) 'L'=50' 9"	SOFTSTOP END TERMINAL ENERGY ABSORBING UNIT	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 8	01/21/14	4682	A	TESTED FOR IMPACT SPEEDS UP TO 60MPH
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 2' FLARE 'L' = 37.5'	FLEAT-MT ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	05/08/03	2712	A	(FLEAT)FLARED ENERGY ABSORBING TERMINAL. TESTED AT IMPACT SPEEDS OF 100 KPH / 60 MPH. ENTIRE SYSTEM APPROVED.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 30" - 48" FLARE 'L' = 37.5'	FLEAT 350 TL-3 ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	09/10/98	1792	A	(FLEAT)FLARED ENERGY ABSORBING TERMINAL. TESTED AT IMPACT SPEEDS OF 100 KPH / 60 MPH. ENTIRE SYSTEM APPROVED.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 3'-4' FLARE 'L'= 37.5'	SRT-350 8 POST SYSTEM NON-ENERGY ABSORBING UNIT	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	04/11/96	1490	A	RAIL END PIECE SRT=SLOTTED RAIL TERMINAL ENTIRE SYSTEM APPROVED. 3/4 OR FULL WRAP ON END PIECE.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 NON-FLARED; 'L' = 37.5	SKT LITE (7 POST SYSTEM) ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	11/13/08	3682	A	SEQUENTIAL KINKING TERMINAL. TESTED AT IMPACT SPEEDS OF 60 MPH. ENTIRE 7 POST SYSTEM APPROVED.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 NON-FLARED; 'L' = 50'	SKT 350 TL-3 ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	09/10/98	1791	A	SEQUENTIAL KINKING TERMINAL. TESTED AT IMPACT SPEEDS OF 100 KPH/60 MPH. ENTIRE SYSTEM APPROVED.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 STRAIGHT FLARE (4') 'L'= 37.5'	SRT-350 6 POST SYSTEM NON-ENERGY ABSORBING UNIT	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	06/14/01	2433	A	RAIL END PIECE SRT=SLOTTED RAIL TERMINAL ENTIRE SYSTEM APPROVED. 3/4 OR FULL WRAP ON END PIECE.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 TANGENT FLARE 0-2' 'L'= 37.5'	TREND 350 END TERMINAL ENERGY ABSORBING UNIT	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/21/14	4701	A	TESTED FOR IMPACT SPEEDS UP TO 60MPH

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02820.00	GUARDRAIL TERMINAL	X-TENSION GR END TERMINAL	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR INDUSTRIES 503/701/1125	08/25/11	4220	Q	ENERGY ABSORBING FLARE 0-4'; L=43'
02910.20	SIGN SHEETING - TYPE I ASTM D4956 ENCLOSED LENS	AVERY DENNISON T-1500	AVERY DENNISON 800/327-5917	06/12/08	2345	Q	T-1500 WHITE, T-1501 YELLOW T-1504 ORANGE; T-1505 BLUE T-1507 GREEN, T-1508 RED, T-1509 BROWN
02910.20	SIGN SHEETING - TYPE III ASTM D4956	NIKKALITE ULTRALITE GRADE II	NIPPON CARBIDE 800/821-4264 GEORGE TAMAYORI 562/777-1810	09/10/98	1704	A	ENCAPSULATED LENS. N512 WHITE, N504 YELLOW, N505 RED, N506 BLUE, N507 ORANGE, N509 BROWN.
02910.20	SIGN SHEETING - TYPE III ASTM D4956 PRISMATIC HIP	3-M SERIES 3930 (3930,3931,3934,3935,3937)	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	09/28/05	2949	A	WHITE, YELLOW, ORANGE, BLUE, & GREEN. (NO FLUORESCENT ORANGE)
02910.20	SIGN SHEETING - TYPE IV ASTM D4956 PRISMATIC	AVERY DENNISON T-6500	AVERY DENNISON 800/327-5917	09/08/05	1525	A	WHITE: T6500, YELLOW: T6501, ORANGE: T6504, RED: T6508, GREEN: T6507, BLUE: T6505, BROWN: T6509
02910.20	SIGN SHEETING - TYPE IV ASTM D4956 PRISMATIC HIP	3-M SERIES 3930 (3930,3931,3934,3935,3937)	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	09/08/05	2949	A	3930 WHITE, 3931 YELLOW, 3934 ORANGE, 3935 BLUE, & 3937 GREEN. NO FLORESCENT ORANGE.
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC	3-M SERIES 4000 (DG3) (4090,91,92,95,97,99,81,83)	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	05/13/10	3115	A	OK FOR TYPE IX ONLY. COLORS: WHITE 4090, YELLOW 4091, RED 4092, BLUE 4095, GRN 4097, F-YELLOW 4081, F-YG 4083
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC	AVERY DENNISON T-9500	AVERY DENNISON 800/327-5917	02/11/10	3605	A	T-9500 WHITE, T-9501 YELLOW, T-9505 BLUE, T-9507 GREEN T-9508 RED, T-9513 FL YEL/GRN, T-9511 FY.
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC	OMNICUBE T-11500 SERIES ASTM TYPE XI	AVERY DENNISION 240/925-6891	01/21/14	4502	A	T-11500 WHITE, T-11501 YELLOW T-11507 GREEN, T-11508 RED T-11505 BLUE, T-11513 FL. YELLOW-GREEN T-11511 FL. YELLOW

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC FLUORSECENT ORANGE	OMNICUBE W-11514 FLUO ORANGE ASTM TYPE XI	AVERY DENNISON 240/925-6891	01/21/14	4501	A	
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC - FLUORESCENT YELLOW	3-M SERIES 3981	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	12/12/96	2843	A	
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC - FLUORESCENT YELLOW-GREEN	3-M SERIES 3983	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	12/12/96	1898	A	
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC VIP	3-M SERIES 3990 (VIP GRADE) (3990,91,92,95,97)	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	11/09/95	1328	A	FOR URBAN STREET LEVEL. WHITE 3990, YELLOW 3991, RED 3992, BLUE 3995, GREEN 3997
02910.60	ELECTRONIC CUTTABLE FILM	OL-2000 OVERLAY SERIES	AVERY DENNISON 240/925-6891	03/27/13	4285	A	
02910.60	ELECTRONIC CUTTABLE FILM ALTERNATIVE FOR SILK SCREENING	3-M SERIES 1170	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	09/12/96	1414	A	NEED FOR LEGENDS ON HIGH INTENSITY SHEETING.
02910.70	ANTI-GRAFFITI COATING FOR SIGNS	3-M SERIES 1150 OVERLAY FILM FOR EG AND HI	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	05/09/96	1413	A	FOR 3-M SHEETING ONLY. DESIGNED TO ALLOW EASY REMOVAL OF GRAFFITI.
02910.70	ANTI-GRAFFITI COATING FOR SIGNS	3-M SERIES 1160 OVERLAY FILM FOR EG, HI, DG3, HIP	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	01/10/02	2436	A	FOR 3-M SHEETING ONLY. DESIGNED TO ALLOW EASY REMOVAL OF GRAFFITI.
02910.70	ANTI-GRAFFITI COATING FOR SIGNS	AVERY OL-1000 CLEAR FOR AVERY SIGNS	AVERY DENNISON 800/327-5917	12/10/09	3949	A	FOR AVERY DENNISON SHEETING ONLY.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

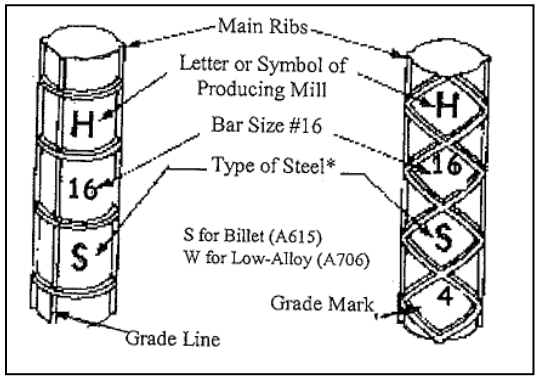
ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2015

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02910.70	ANTI-GRAFFITI COATING FOR SIGNS	F-CAL PREMIUM PROTECTIVE FILM	NIPPON CARBIDE 800/821-4264 ROBERT PARRA 800/821-4264 JAMES JOHNSON 310/632-7500	07/10/03	1799	A	FOR NIPPON CARBIDE (NIKKOLITE) SHEETING ONLY.

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

Appendix A—Approved Reinforcing Steel Producers

The ASTM specifications for billet-steel and low-alloy reinforcing bars (A615 and A706, respectively) require identification marks to be rolled into the surface of one side of the bar to denote the producer's mill designation, bar size, type of steel and minimum yield designation. Grade 420 bars show these marks in the following order:



1st ---Producing Mill (usually a letter)

2nd --- Bar Size Number (# 4 through # 18)

3rd --- Type of Steel: **S** Billet (A 615)
W for Low Alloy (A 706)

4th ---Minimum Yield Designation

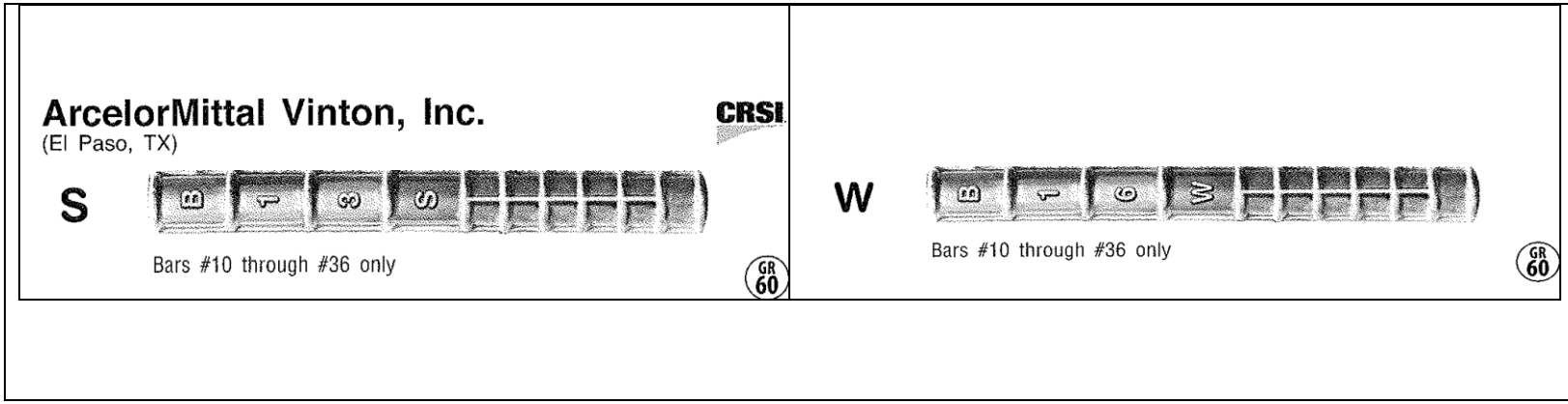
The minimum yield designation for Grade 420 bars is either one (1) single, longitudinal line (grade line) or the number 4 (grade mark).

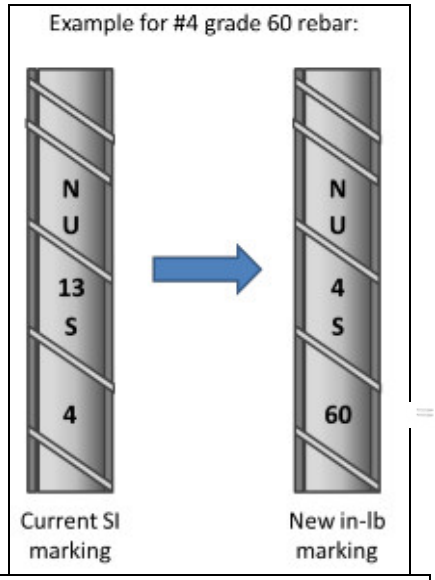
A grade line is smaller and is located between the two main ribs, which are on opposite sides of all bars made in the United States. A grade line must be continued through at least 5 deformation spaces, and it may be placed on the side of the bar opposite the bar marks. A grade mark is the fourth mark on the bar.

VARIATIONS: Bar identification marks may also be oriented to read horizontally (90° to those illustrated). Grade numbers may be placed within consecutive deformation spaces to read vertically or horizontally.

The Identification marks for the Approved Producers are shown in the following figures. Rebar grades shown on these pages are for reference only. Check the specs for the appropriate requirements.

ArcelorMittal Vinton, Inc. El Paso Texas ODOT # 1841

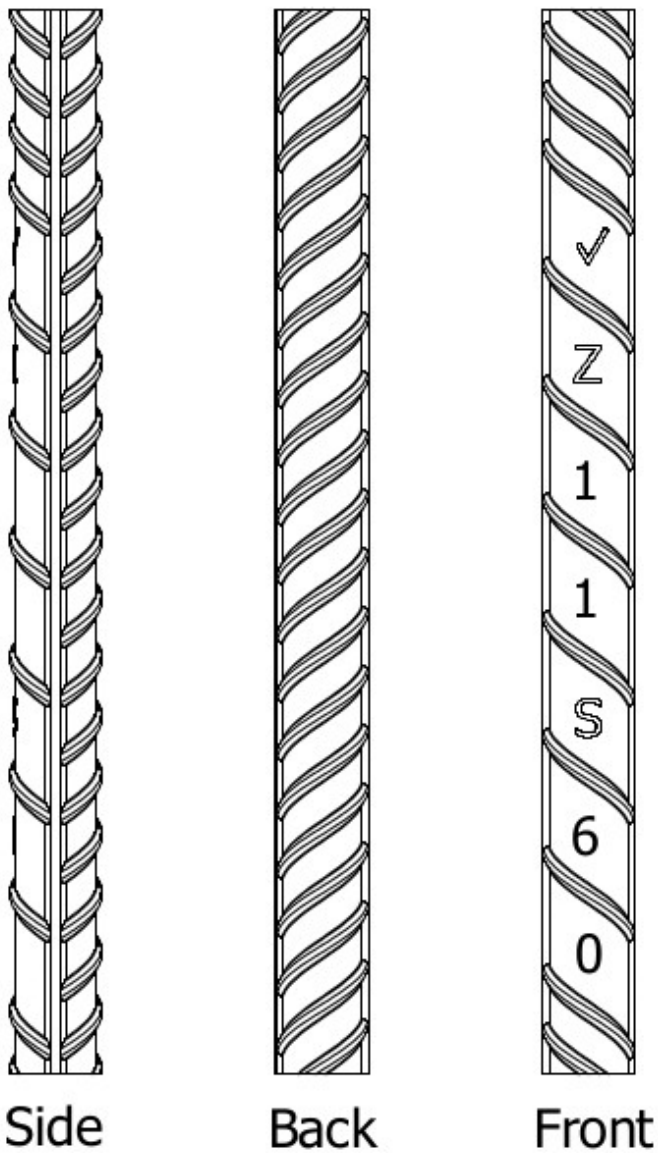


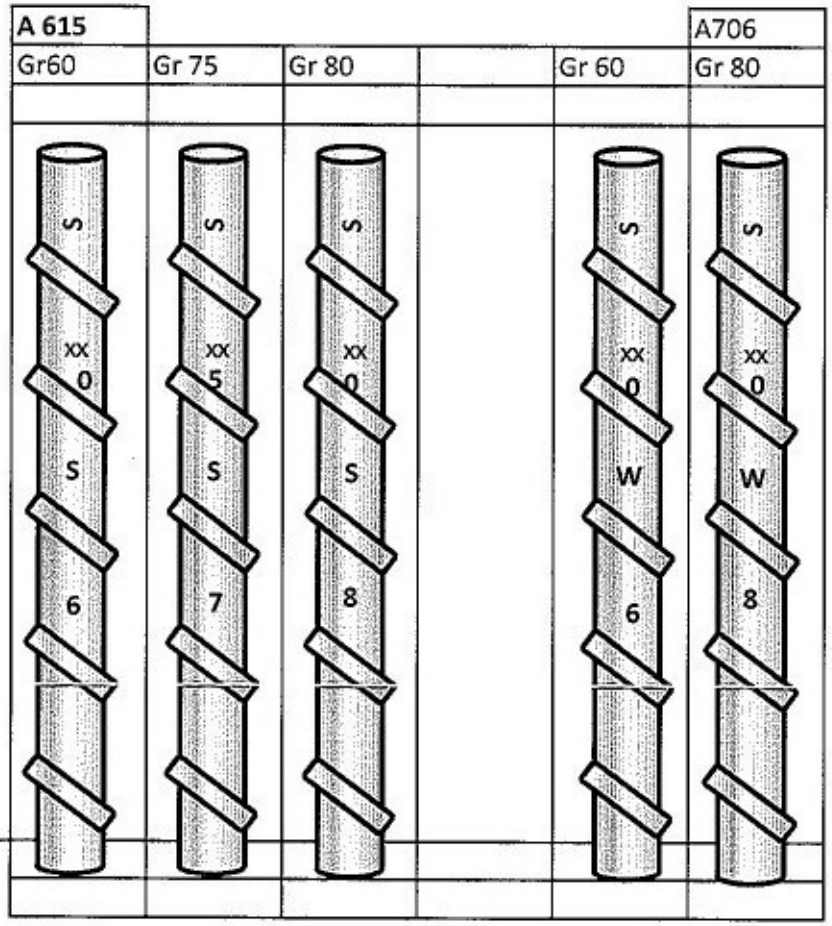


Nucor Steel Utah ODOT # 1112

#11 REBAR

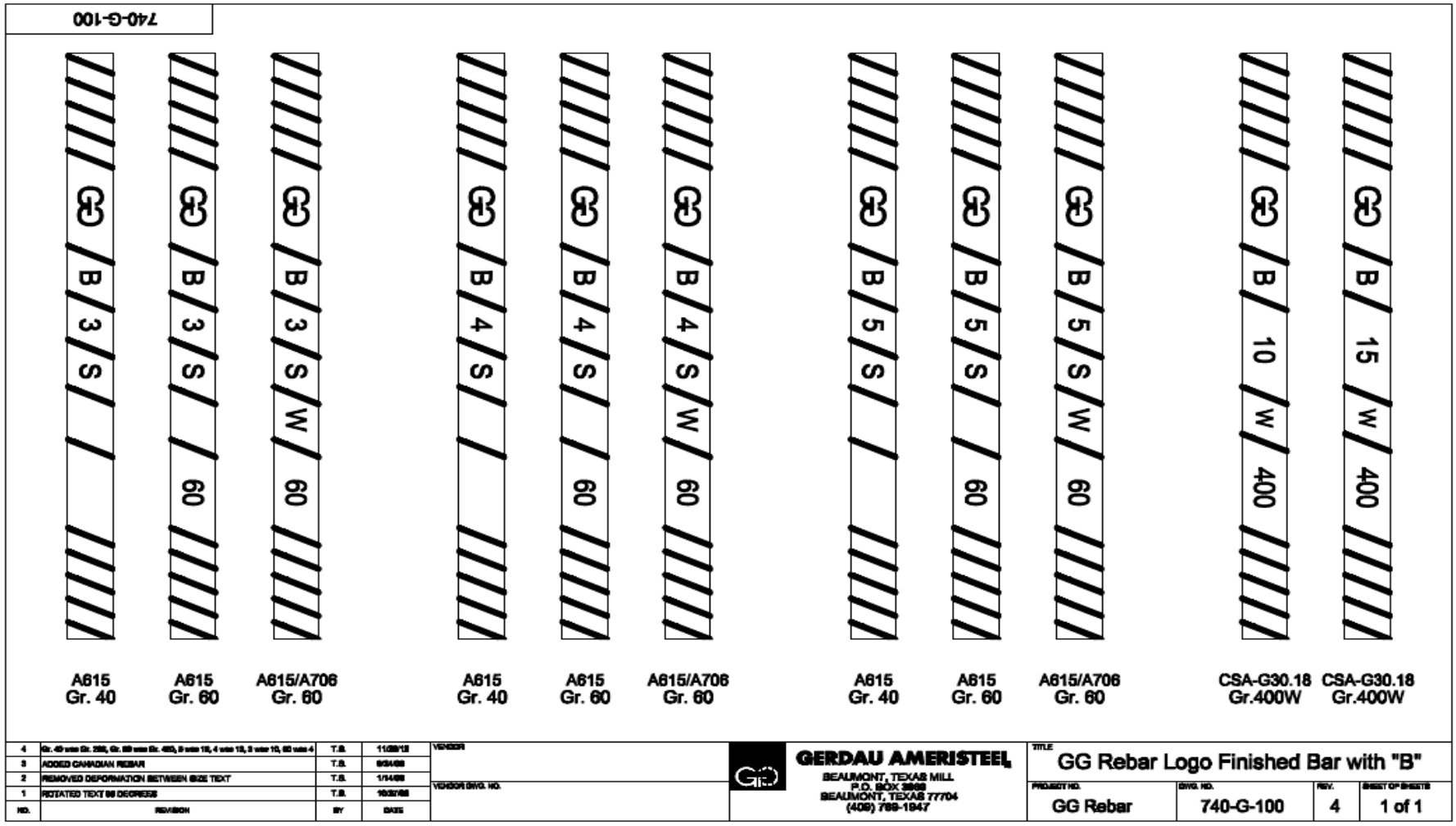
CMC Steel Mesa Arizona ODOT #4118



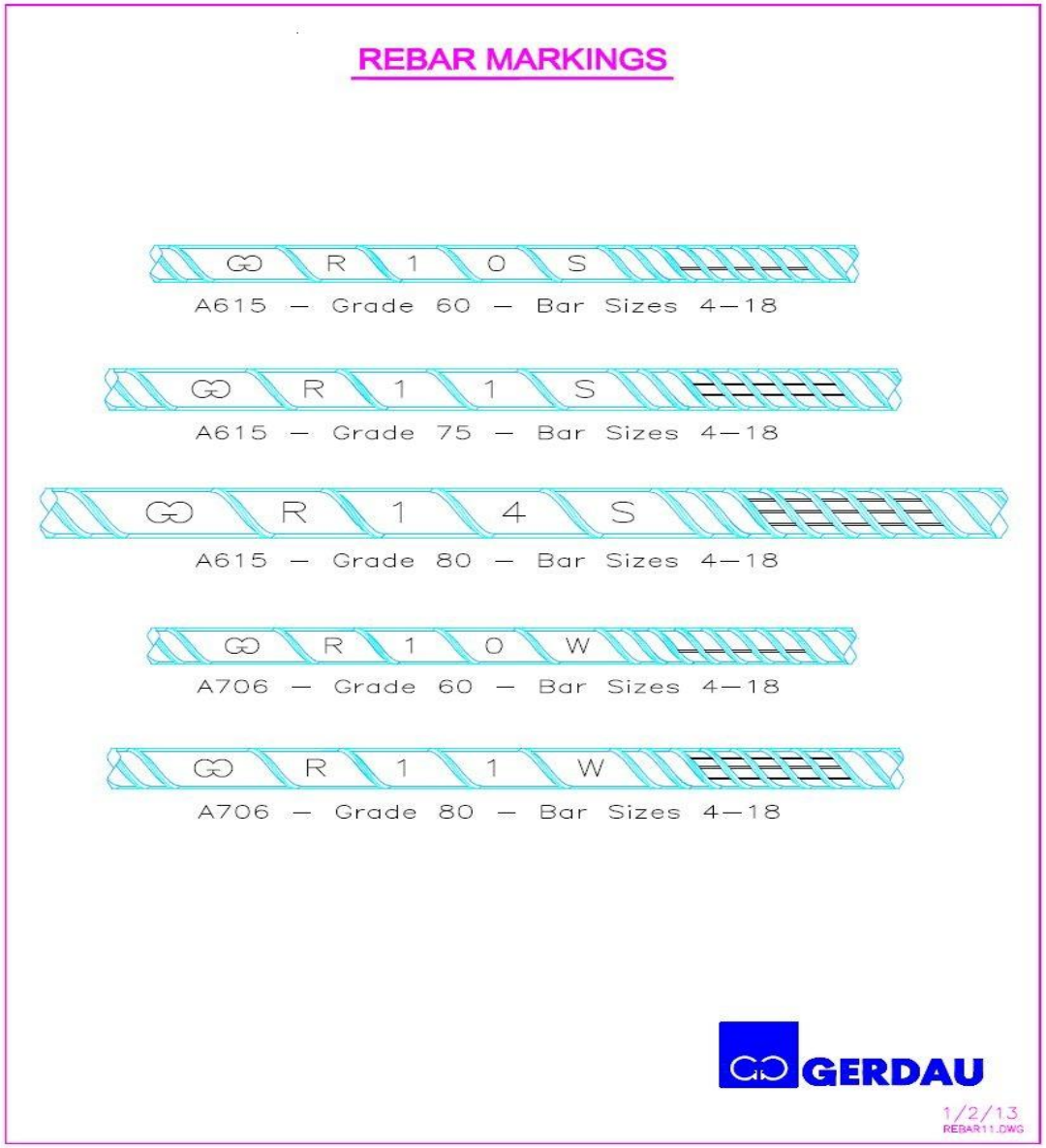


Bar sizes 4, 5, 6, 7, 8, 9, 10, 11, 14, 18.

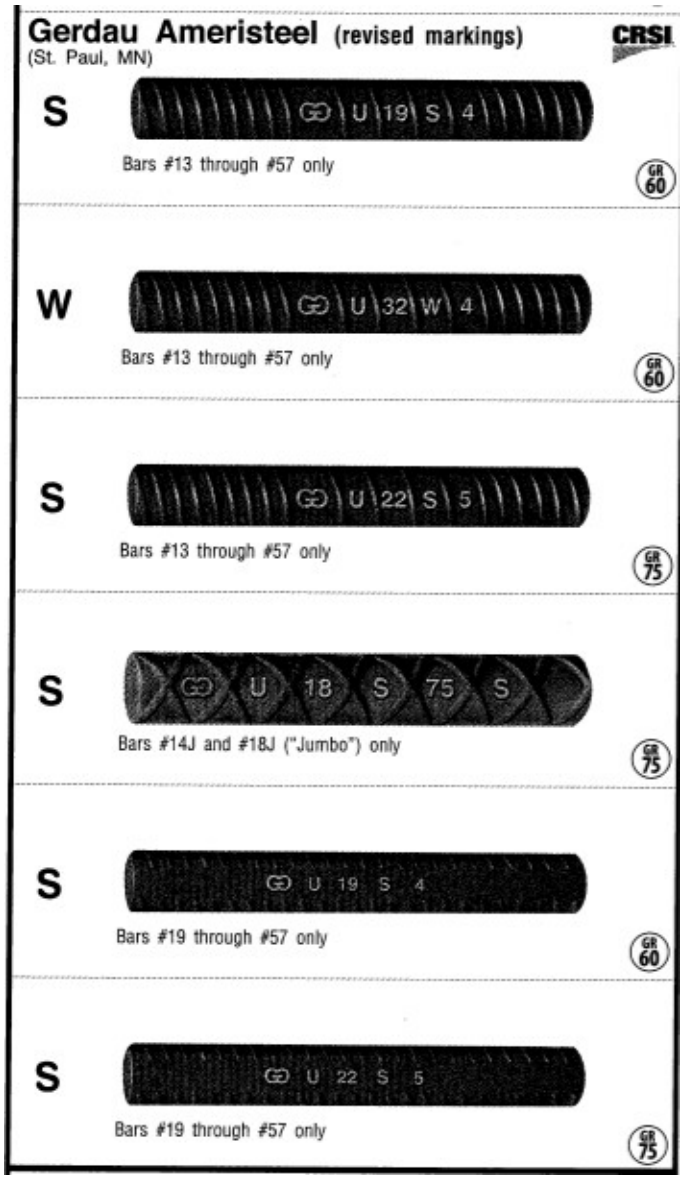
Nucor Steel Seattle Washington ODOT # 2935



Gerdau Steel Beaumont Texas ODOT #4838



Gerdau at Rancho Cucamonga California ODOT # 1842



Gerdau St. Paul Minnesota ODOT # 1623

Cascade Steel Mc-Minnville Oregon
ODOT # 1111

Cascade Steel Rolling Mills, Inc.
(McMinnville, OR)

CRSI Concrete Reinforcing Steel Institute MEMBER

S GR 60	C 5 S 6 0	Bars #3 through #6 only
W GR 60	C 6 W 6 0	Bars #3 through #6 only
W GR 60	C 18 W 6 0	Bars #14 and #18 only
SW GR 60	C 6 W S 6 0	Bars #3 through #11 only (#3 through #6 coiled)
SW GR 60	C 14 W S 6 0	Bars #14 and #18 only
S GR 75	C 7 S 7 5	Bars #3 through #11 only (#3 through #6 coiled)
S GR 75	C 18 S 7 5	Bars #14 and #18 only
S GR 80	C 7 S 8 0	Bars #3 through #11 only
S GR 80	C 18 S 8 0	Bars #14 and #18 only
W GR 80	C 6 W 8 0	Bars #3 through #11 only
W GR 80	C 18 W 8 0	Bars #14 and #18 only
SW GR 80	C 6 W S 8 0	Bars #3 through #6 coiled

A706/A615 GRADE 60 REBARS MARKINGS
Rebar sizes: #3 thru #6

NUCOR STEEL – KINGMAN, AZ
ODOT #4356

Current SI Marking

New IN-LBS

INSERT TAB

6. Ch. 12
Project Records

*CHAPTER 12 – PROJECT RECORDS

The Project Manager (PM) will develop or receive many documents and records while administering a construction Project. The documents and records include those that are needed to justify that the Work has been completed according to Contract requirements and that payment has been properly made.

For the purposes of this manual, "Project Records" is defined as follows:

All information in any way relating to the Project or performance of the Contract, including but not limited to all:

- Financial and accounting records and information.
- Correspondence – including internal communications, emails, field notes, file notes, diary entries, communications with Agency, Subcontractors and authorities.
- Notices, orders, permits, and opinions.
- Survey data – including survey drawings, reports, maps, original computations and other data.
- Materials testing records and Materials certifications.
- Work products.
- All other documents and information whether generated by, for, or received by the Agency in the performance of the Contract, and whether any of such records are:
    - Paper-based.
    - In the form of electronic data.
    - In electronic/digital format capable of being reduced to paper-based or electronic/digital format,
    - In audio format.
    - Constitute visual reproductions such as photos or videotape.

At any time during the life of the Project, the Project Records may be reviewed or audited by a number of parties, including:

- Construction Section personnel.
- ODOT's Internal Audit and Review group.
- Federal Highway Administration (FHWA).
- Region personnel.
- Representatives of Department of Justice or attorneys for a Contractor.
- Any other group performing an audit.
- A person reviewing records under the Public Records Law.

*** All marked text updated October 2013**

The Project Records:

- Provide documented evidence that the Project was built with Materials that were in conformance with Contract requirements;
- Provide documented evidence that the Contractor has been appropriately compensated for the Work completed;
- Record events and happenings on the Project or that involved the Project; and
- Justify that Project costs are properly reimbursable with Federal or other funds

The Project Records must be maintained in such a manner that anyone can review the documentation and clearly understand how the Project progressed, what Materials were incorporated into the Project, and how much Work was performed on the Project.

12-1 ORGANIZATION OF PROJECT RECORDS

For each Project, the PM and the Project staff must become familiar with conditions pertaining to all Pay Items and quality requirements, which are included in the Project Plans and Specifications. They also must establish methods to determine quantities, to assure proper quality, and to organize the Project records.

The Project Records associated with an Agency construction Project must be organized, kept current, and filed in a manner that makes documents easy to find. Contact the Region Assurance Specialist (RAS) or the Contract Administration Unit (CAU) for further guidance.

An efficient means of organizing and tracking the Project quality and quantity documentation is to use binders and notebooks that are divided by bid item or Pay Item. As the appropriate quality documentation is received, enter the information into the Test Summaries and place the documents in the quality notebook. [*Refer to Chapter 12B – Quality*] As the quantity documentation is received, check the calculations, enter the payment information into the Contract Payments System (CPS), and place the documents in the quantity notebooks.

Contact the RAS or the CAU for support or guidance in setting up Project files. The RAS will periodically review the Project documentation for compliance with the Contract requirements during the life of the Project.

12-2 *PUBLIC RECORDS AND DISCLOSURE

Project Records are generally classed as public records, under Oregon's Public Records Law and as defined in ORS 192.005(5), and are available to be reviewed by the

*** All marked text updated October 2013**

Contractor, attorneys, and anyone else who may now, or later, have an interest in the Project.

Certain Project Records are exempt from disclosure and should not be made available to persons other than Agency employees. Two (2) types of Project Records that are generally exempt from disclosure are:

- Records pertaining to litigation when a complaint has been filed or is likely to be filed, and
- Communications of an advisory nature within or between public bodies, with other than purely factual material that is preliminary to final Agency action.

As defined in ORS 192.501 to 192.515, public records that are exempt from disclosure include, but are not limited to:

- Home address. *****
- Date of birth. *****
- Telephone number. *****
- Social Security number.
- Signature.
- Trade secrets.
- Information relating to the appraisal of a real estate prior to its acquisition.

If exempt information is contained in a record that has been requested, such as on a certified payroll, the record must be copied, the exempt information blacked out, and the record recopied before it is released. This is done to ensure that none of the exempt information is visible.

** Per ORS 192.502, this information **may** be disclosed if the requestor can show that the public interest requires its disclosure. The person requesting the information has the burden of showing that public disclosure would not constitute a reasonable invasion of privacy.*

For Project Records pertaining to litigation or potential litigation, contact the Contract Administration Engineer (CAE). If you have a question about whether a specific document is exempt from public disclosure, contact the CAE. Do not provide any exempt records to persons other than Agency employees without the authorization of the CAE.

When a non-ODOT employee is allowed to examine any Project Records, safeguard the records from theft, damage, or destruction, and record the event in a diary or memorandum. Include the date, place, persons present, and a listing of the records examined.

The ODOT Records Manual specifies the procedure for providing access to or copies of public records and the charges for doing that. The manual is available on the ODOT Records Management website at:

http://intranet.odot.state.or.us/ssb/BSS/rim.htm.

The ODOT Records Officer has also developed a "Helpful Hints" document for responding to public records requests which is also posted on the Records Management website at:

http://intranet.odot.state.or.us/ssb/bss/rmds/records_hints.pdf.

If a public records request is received, it must be processed according to the procedure outlined in the ODOT Records Manual. The Agency **cannot** waive or reduce any fees over $13, or time required for processing the request over 15 minutes. The fee schedule for employee time, copies and delivery costs, which are stipulated in OAR 731-001-0025, include, but are not limited to:

- Beginning on the 16th minute, employee labor charge for researching, locating, compiling, editing or otherwise processing information and records is $25/hour or $6.25/quarter hour.
- The actual cost for delivery of records such as postage or courier fees.
- $5.00 for each true copy certification.
- $0.25 per page for photocopies.
- $5.00 for the first page and $1.00 for each additional page, limited to a 20-page maximum, not including the cover page.
- Actual cost for use of material and equipment for producing copies of non-standard records.
- $5.00 each for CD's.

The person processing the public records request should refer to the ODOT Records Manual and OAR 731-001-0025 for guidance.

12-3 RETENTION OF PROJECT RECORDS

The CAU is responsible for storage of the Project documentation that is required to be submitted to the Construction Section at the completion of a Project. [*Refer to Chapter 37 - Submittal of Final Project Documentation*]

The submitted quality, quantity, and labor compliance documentation is combined with the Construction Section files and, along with all other Project Records, is submitted to the State Archives to be archived for the applicable retention period. The records retention period is defined in the Special Records Retention Schedules for program and administrative records which are unique to ODOT.

For more information on the ODOT records retention schedule, contact the CAU, and visit the Oregon State Archives record management special schedule at:

http://bluebook.state.or.us/state/executive/Transportation_Dept/transportationsched.htm.

The PM and Region Manager must retain all Project Records not submitted to the Construction Section for the retention period identified in the Special Records Retention Schedule.

INSERT TAB

7. Ch. 12G
Extra Work

*CHAPTER 12G – EXTRA WORK PERFORMED ON A FORCE ACCOUNT BASIS (EWO)

Extra Work performed on a Force Account Basis (EWO) is used to equitably and uniformly compensate the Contractor for Extra Work when a negotiated price cannot be reached. When the Agency orders Extra Work to be performed via Force Account, the Agency is assuming control for the portion of Work governed by the EWO. The Agency will make the determination regarding what Equipment shall be used, what manpower is necessary, and the work methods to be used to perform the Work (i.e., whether or not overtime is necessary to accomplish the Work). The Agency assumes all control of, and responsibility for, the portions of Work to be accomplished under the EWO.

The following steps need to be followed to perform Extra Work on the Force Account Basis:

1. The Project Manager (PM) will need to make the determination that Extra Work is necessary. Only Work not included in the Contract as awarded but deemed by the PM to be necessary to complete the Project will be paid as Extra Work (*See* 00140.60).

2. The PM must discuss the Extra Work with the Contractor, define the scope of Work, and discuss the options of means and methods for completing the Extra Work.

3. The PM must attempt to negotiate a Contract Change Order (CCO) with the Contractor to perform the Extra Work. If the PM is unable to successfully negotiate a CCO, the Extra Work will be completed on a Force Account Basis.

4. Before the Extra Work to be performed on a Force Account Basis can begin, the PM must:
    a. Prepare and obtain approval of an Extra Work Order (EWO);
    b. Provide the Contractor with a written order to begin the Extra Work; and
    c. Reach agreement with the Contractor on when, how, and with what Equipment and labor the Extra Work will be completed (*Actual Cost or Standard Calculation*).

5. For each day on which Extra Work is performed, the Agency (*typically the Inspector*) will complete a Daily Force Account Record (DFAR):
    a. Both the Inspector and the Contractor's representative must sign the completed DFAR at the end of the day. These signatures indicate agreement on the accuracy and completeness of the information recorded on the DFAR.

*** All Marked Text Updated October, 2010**

b. If there are any disagreement regarding the information recorded on the DFAR, and the disagreement cannot be resolved the same day, the Extra Work must stop until the PM and the Contractor resolve the disagreement. Do not proceed with Extra Work without daily agreement on the DFAR.

6. On a monthly basis, the Contractor will send its Force Account Work Invoice, along with the required supporting documentation, to the PM.

7. The PM will date stamp the invoice upon receipt. If the invoice is received on or before the 15th of the month, the PM will enter the amount due, as determined by the PM, on the progress estimate for the Work completed that month. If the invoice is received after the 15th of the month, the amount the PM determines to be due will be added to the pay estimate for the following month.

8. The PM will process the invoice according to the Steps for Reviewing Force Account Invoices in the Project Managers Office guide in Section 12G-8. Once the PM has completed their review of the invoice, it will be submitted to the Contract Administration Unit (CAU) for final review and processing.

12G-1 BACKGROUND

Force Account Work is addressed in Section 00197. The PM must become familiar with the language in this Section.

As described in 00197.01, the Agency will solely determine the manner and method in which the Force Account Work is performed. Before ordering the Force Account Work, the PM will need to discuss the Work with the Contractor and seek the Contractor's input and advice on the manner and methods required to perform the Work.

In ordering the Extra Work, and in directing the Force Account Work, the PM should only give direction through the Contractor's superintendent or supervisor assigned to the Work. The PM should not give direction directly to any of the Contractor's employees, but should only answer questions or provide clarification requested by the employees.

If Force Account or added or Changed Work will modify the Work of any subcontract, the Contractor must submit an amended subcontract for PM review and approval. [*Refer to Chapter 14 – Subcontracts*]

Force Account procedures should only be used as a last resort when agreement cannot be reached on the price of a new Work item, or when the extent of the Work is unknown or of such character that a price cannot be determined to a reasonable degree of accuracy. The FHWA Headquarters memorandum dated September 8, 1982 (Appendix A-120) contains FHWA's policy on the use of Force Account.

The memorandum is available on the FHWA website at:

http://www.fhwa.dot.gov/programadmin/contracts/cacc.pdf

The intention of Standard Specification Section 00197.30 is to reduce the amount of work required to prepare Force Account billings on smaller Extra Work Orders.

At the time a EWO is written, the PM will prepare a cost estimate according to the current Specifications using Cost Estimate Form 734-1877. If the labor estimate is less than $10,000, or the type of Work to be performed will result in a Workers Compensation rate less than 25%, the PM will need to discuss the billing method to be used for the EWO with the Contractor. The Contractor will be electing to use either the "Actual Cost" or "Standard Calculation" method for both themselves and all Subcontractors performing Work under the EWO.

The Cost Estimate and Contractor election shall both be documented on the Extra Work Order form 734-3208. Labor cost estimates under $10,000, or having industrial accident insurance rates of 25% or less, may use the Standard Calculation when billing labor costs (*See* Section 00197.30). The Force Account Invoice for Labor – Standard Calculation, form 734-1863A will be used.

Labor cost estimates over $10,000, or having industrial accident rates over 25%, will use the Actual Cost Calculation when billing labor costs. The Force Account Invoice for Labor – Actual Cost Calculation, form 734-1863B will be used.

12G-2 DEFINITIONS

The following definitions are taken from FHWA CFR 635.102:

Force Account – A basis of payment for the direct performance of Highway construction Work with payment based on the actual cost of labor, Equipment and Materials furnished and consideration for overhead and profit.

Per Diem – A daily allowance for expense generally prescribed by a labor contract. When reimbursement for Per Diem is requested, the Agency must obtain a copy of the labor contract which describes how the Contractor is paying Per Diem. Per Diem costs will be paid on an actual cost basis for the Force Account Work according to Section 00197.30(a-1) and (a-2), if the Per Diem is paid to workers for similar Pay Item Work.

Subsistence – Reimbursement for actual costs of invoiced and receipted expenses incurred as the direct result of the Force Account Work and must be agreed to in advance. Subsistence is not reimbursed under the Standard Calculation method, as described in Section 00197.30(a).

Standby Equipment Rates – The Contractor continues to incur certain ownership costs when Equipment is required to be on standby. The use of a standby rate is appropriate when Equipment has been ordered to be available for Force Account Work, but is idle for reasons which are not the fault of the Contractor. While an industry standard does not exist for standby rates, it has been the normal practice of the courts to reduce published ownership rental rates by 50 percent for standby rate usage. Therefore, FHWA will accept the use of 50 percent of the ownership rental rates of an approved guide as the standby rate in lieu of a Contractor's actual standby costs. There should be no operating costs included in the rate used, and standby time should not exceed eight (8) hours per day, 40 hours per week, or the annual usage hours as established by the rate guide.

Base Hourly Wage – Interpreted to mean wages, regular hours and overtime hours calculated to one and one-half times the regular wage. For the purposes of the Standard Calculation, regular and overtime wages will be calculated at two (2) times the actual hourly wage (*excluding fringe benefits, vacation, taxes, insurance, and markups, plus all other direct or indirect costs including subsistence*). (*See* Section 00197.30(a))

Class Code – The National Council on Compensation Insurance (NCCI) four (4) digit code corresponding to each classification determined for the insured. The classification codes describe the business of the insured rather than the occupation of the employee.

Experience Modification Factor – A factor calculated by NCCI from actual case loss experience to adjust an insured's annual premiums (up or down) based on the insured's loss experience relative to the average underlying annual premiums. It compares the insured's experience to the average class experience.

12G-3 PROCESS

The following process and documentation is required when the PM orders the Contractor to perform Extra Work on a Force Account Basis:

(a) STEP 1 – The PM must prepare an Extra Work Order, form 734-3208. This form will formalize the proper approvals, defines the Work to be done by the Contractor, and identifies the EWO number to use on the billings. The form also documents the Contractor's election of billing method (Standard Calculation or Actual Cost method). If the Extra Work must be started prior to issuing the EWO, the PM must issue a written order to allow the Work to start. The written order must include the following:

1. A description of the Work, the location, and when the Work must be accomplished; and
2. A statement identifying that the Work will be performed on a Force Account basis and notifying the Contractor of the EWO number to use on billings.

EXAMPLE:

Oregon Department of Transportation

EXTRA WORK ORDER

TO BE PERFORMED ON A FORCE ACCOUNT BASIS

NOTICE: THIS FORM MUST BE TYPEWRITTEN

PROJECT NAME (SECTION)		REGION	CONTRACT NO.
CONSTRUCTION MANUAL FORM EXAMPLE		4	C12345
HIGHWAY	PROJECT MANAGER	ODOT LIAISON (if PM is non-ODOT)	F.A. PROJECT NO.
MAIN HIGHWAY	Rhoda Head, PM		X-STP-S001(2)
CONTRACTOR NAME AND ADDRESS	CONSULTANT OR LOCAL AGENCY NAME AND ADDRESS		EWO NO.
PRIME CONSTRUCTION COMPANY 123 Business Street Centerville, OR 99999			6
			SUBJOB
			000

THE FOLLOWING FORCE ACCOUNT WORK TO BE PERFORMED AND PAID FOR IN ACCORDANCE WITH THE CONTRACT TERMS:
DESCRIPTION AND LOCATION OF EXTRA WORK:

Excavate, backfill, pave, stripe, and install Mono-Directional Type 2 Pavement Markers on local access road, Thomasville Lane, from Sta. 12+300 to Sta. 12+600, to tie into the new "B"-Line.

☑ Attach copy of PM's written prior authorization to Contractor to perform work.

ESTIMATE OF QUANTITIES AND COSTS

Excavation and Backfill: Lump Sum $23,900.00
Level 4 HMAC: 299.8 Tons @ $125/Ton = $37,475.00
Pavement Striping: 1200 ft @ $1.20/ft =$1,440.00
Pavement Markers: 6 each @ $24.50/ea = $147.00 **TOTAL: $62,962.00 + $11,637.24 Markup = $74,599.24**

PAY ITEM	REASON CODE	TIME CODE	WORK TYPE	DESIGN (E or I)	PM (E or I)	DESCRIPTION	ESTIMATED AMOUNT
806	10(e)			I	I	Upgrade 300' of local access road to tie into new "B"-Line	$74,599.24

SPECIFICATIONS AND OTHER PROVISIONS --

Labor cost estimates under $10,000 or having industrial accident insurance rates 25% or less may use the standard calculation §197.30(a) when billing labor costs (Form 1863A). Labor cost estimates greater than $10,000 or having industrial accident insurance rates greater than 25% shall use §197.30(b) when billing labor costs (Form 1863B).

The labor estimate for this Force Account: ☑ Meets ☐ Does Not Meet the criteria for §197.30(b)

The contractor has elected to use: ☐ §197.30(a) Standard Calculation ☑ §197.30(b) Actual Costs for Force Account labor costs

RECOMMENDED BY LOCAL AGENCY	DATE	ODOT PM or LAL: ☐ RECOMMENDED ☐ APPROVED	DATE
Print		Print Rhoda Head, ODOT Project Manager	4/14/2009
Sign		Sign *Rhoda Head, ODOT Project Manager*	4/14/2009
RECOMMENDED BY CONSULTANT AGENCY PM	DATE	AREA MANAGER ☐ NOTED ☐ RECOMMENDED ☐ APPROVED	DATE
Print		Print	
Sign		Sign	
		CONSTRUCTION SECTION: ☐ NOTED ☐ APPROVED	DATE

(b) STEP 2 - A Cost Estimate, form 734-1877 shall be prepared by the PM.

EXAMPLE:

Oregon Department of Transportation

COST ESTIMATE

NOTICE: FORM MUST BE TYPEWRITTEN

Prepared by	Project		Contract No.
Phil Dirt, Inspector	CONSTRUCTION MANUAL FORM EXAMPLE		C12345
Reviewed by	Highway	County	Sheet
Rod Lenker, Asst PM March 31, 2009	Main Highway	Marion	1 of 1
Description of Work		CHECK BOX IF SUBCONTRACTED ☐	
Upgrade Thomasville Lane (300') to tie into new "B" Line			

	ITEM DESCRIPTION	Unit	Materials, Equipment, and Special Services Quantity	Unit Price	Amount	Labor Quantity	Unit Price	Amount
1	Excavation and Backfill	LS	1	$13,000.00	$13,000.00			
2	Level 4 HMAC	Ton	299.8	$100.00	$29,980.00			
3	Pavement Striping	Foot	1200	$1.00	$1,200.00			
4	Pavement Markers	Each	6	$18.00	$108.00			
5	Equipment Operator, Group 4	Hour				40	$107.25	$4,290.00
6	Laborer, Group 1 (3 each)	Hour				120	$26.45	$3,174.00
7								
8								
9								
10								
11								
12								

ATTACHMENTS						
☑ WAGE DETERMINATION, FORM 734-1870	Subtotal	A	$44,288.00	Subtotal	B	$7,464.00
☐ OTHER (EXPLAIN BELOW)	Allowance (Ax17%)	C	$7,528.96	Allowance (Bx22%)	D	$1,642.08
EXPLAIN	Total (A+C)	E	$51,816.96	Total (B+D)	F	$9,106.08

SUBCONTRACTOR SUPPLEMENTAL MARKUP (8%)	G	$0.00	TOTAL MATERIAL EQUIPMENT, SPECIAL SERVICES, LABOR ALLOWANCE AND SUBCONTRACTORS MARK UP	$60,923.04

REMARKS, ASSUMED PRODUCTION RATES, SPECIAL CONDITIONS

(c) STEP 3 – For each day on which Extra Work is performed under the EWO, the Inspector must complete a Daily Force Account Record (DFAR), form 734-3428**.** The DFAR must list all labor, Equipment, Materials, and other resources used for each days Work on the EWO. Never request or allow the Contractor to complete the DFAR. Only list overtime hours ordered by the PM. The Inspector and the Contractor's representative must both sign the sheet daily indicating agreement with the information shown on the DFAR. If both parties are unable to agree on any items listed on the DFAR, the PM and Contractor must resolve the issue(s) promptly.

The PM may also modify the DFAR form and use it to record information for any disputed items. [*Refer to Chapter 27 – Disagreements, Disputes and Claims*]

1. Labor Section of the DFAR – Record the first and last names of each employee working on the EWO, as well as the employee's craft and group or grade level within that craft. Record the daily hours worked by each employee. The more detail recorded will assist in checking Force Account billings as you will need to check the DFAR information against the Contractor's certified payrolls.

Pay for only one (1) level of supervision on the EWO. Do not pay for additional supervisors or Contractor administrative staff on the EWO. However, if more than one (1) crew is involved in the Work, it may be appropriate to pay for two (2) different supervisors. If this is the case, make a note on the DFAR to document the circumstance.

A supervisor can be paid less than a craft person only if the supervisor is performing supervisory duties at least 80% of the time. Otherwise, the supervisor must be paid at least as much as the craft the supervisor is performing.

The Agency can pay for travel and subsistence only if it can be documented that the Contractor pays those same expenses for other similar Work on the Project. The PM and Contractor must agree on this prior to the start of the EWO Work. Rates should be reasonable. Rates paid to Agency employees for travel and subsistence are generally considered to be reasonable

2. Equipment Section of the DFAR – Record each piece of Equipment, with identification, that is used for the EWO Work. For Equipment owned by the Contractor, record the Equipment type, model, year of manufacture, and type of attachments. This information is needed to determine the proper rental rate for the Equipment. Other information needed to determine the proper rental rates may include:

- Type of fuel (gasoline, diesel, etc.)
- Two (2) or four (4) wheel drive
- Horsepower rating
- Speed (RPM, etc.)
- Weight or capacity rating
- ROPS or EROPS (Rollover or enclosed rollover protection)
- Number of axels
- For Low-boys, is it a tilt-deck gooseneck, fixed gooseneck, or folding gooseneck

If the Contractor has rented the Equipment from an entity other than its own organization, note this on the DFAR. The Agency will pay the cost determined from the invoice submitted with the Contractor's billing. Also refer to Section 12G-5 – Force Account Invoice for Equipment and Materials.

If a piece of Equipment has multiple attachments, the Agency will only pay for the attachment with the higher rental rate, provided the attachment is needed for the EWO Work.

The Agency will not pay for rental of small tools that have a daily rate of less than $5, or for Equipment that has a fair market value of $400 or less.

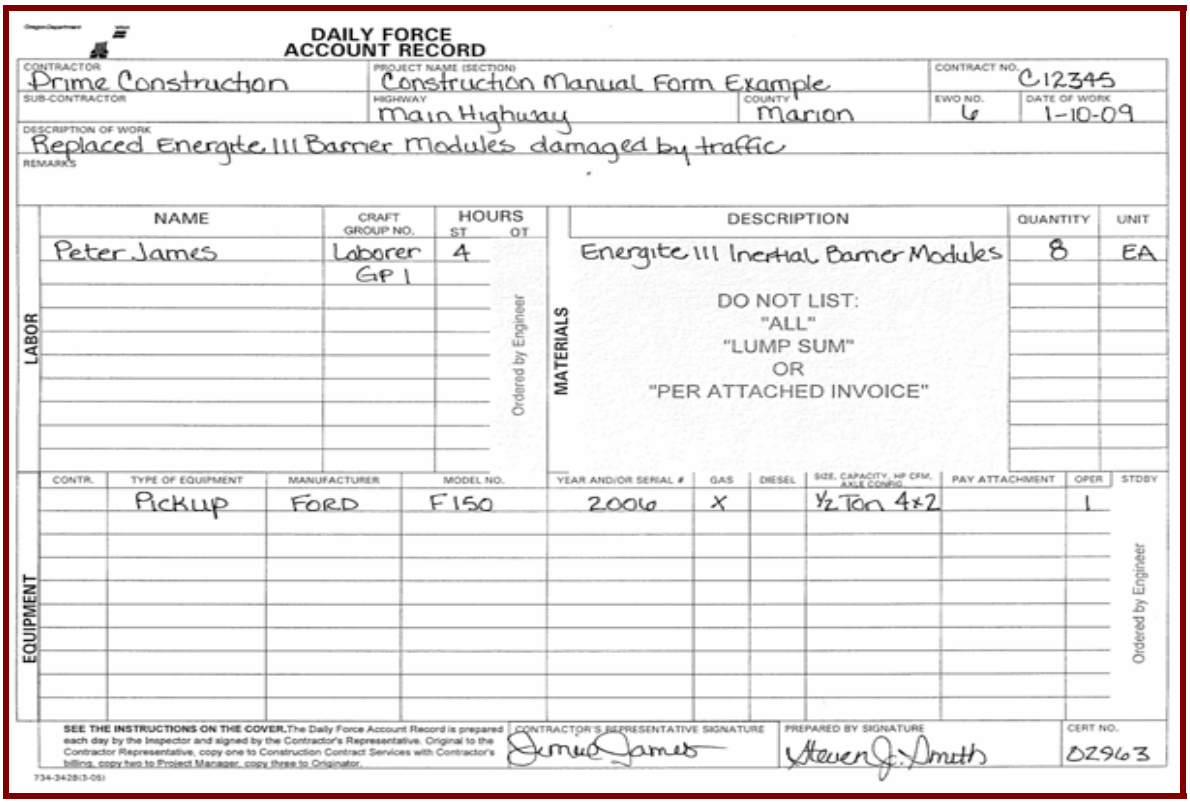
3. Materials Section of the DFAR – List enough detail so that invoices can be supported by the information on the DFAR. Do not list items such as safety goggles, hammers, etc. Such items are reusable and are not eligible for reimbursement.

Before the EWO Work begins, the PM and Contractor must negotiate how to pay for expendable items, or items that are only partly used on the EWO Work. For example:

- For teeth on a pavement grinder, determine how you will agree on how much of the life of the teeth will be used up on the EWO Work; or
- If the Contractor purchased a spool of cable for the EWO Work, but only used a portion of it, and the Agency has no use the remaining cable, agree on the value used and the Contractor retains the remainder of the cable.

Do not use words such as “All”, “Lump Sum” or “Per Attached Invoice” in the Materials description section.

EXAMPLE:



DAILY FORCE ACCOUNT RECORD

CONTRACTOR: Prime Construction
PROJECT NAME (SECTION): Construction Manual Form Example
CONTRACT NO.: C12345
SUB-CONTRACTOR:
HIGHWAY: Main Highway
COUNTY: Marion
EWO NO.: 6
DATE OF WORK: 1-10-09
DESCRIPTION OF WORK: Replaced Energite III Barrier Modules damaged by traffic
REMARKS:

LABOR

NAME	CRAFT GROUP NO.	HOURS ST	HOURS OT
Peter James	Laborer GP 1	4	

Ordered by Engineer

MATERIALS

DESCRIPTION	QUANTITY	UNIT
Energite III Inertial Barrier Modules	8	EA

DO NOT LIST:
"ALL"
"LUMP SUM"
OR
"PER ATTACHED INVOICE"

EQUIPMENT

CONTR.	TYPE OF EQUIPMENT	MANUFACTURER	MODEL NO.	YEAR AND/OR SERIAL #	GAS	DIESEL	SIZE, CAPACITY, HP CFM, AXLE CONFIG.	PAY ATTACHMENT	OPER	STDBY
	Pickup	FORD	F150	2006	X		½ Ton 4x2		1	

Ordered by Engineer

SEE THE INSTRUCTIONS ON THE COVER. The Daily Force Account Record is prepared each day by the Inspector and signed by the Contractor's Representative. Original to the Contractor Representative, copy one to Construction Contract Services with Contractor's billing, copy two to Project Manager, copy three to Originator.

CONTRACTOR'S REPRESENTATIVE SIGNATURE: James James
PREPARED BY SIGNATURE: Steven J. Smith
CERT NO.: 02963

734-3428(3-05)

12G-4 FORCE ACCOUNT INVOICE FOR LABOR – ACTUAL COST CALCULATION

Use the Force Account Invoice for Labor – Actual Cost Calculation, form 734-1863B.

The PM must:

- Ensure that the proper group is used for the craft required to perform the Work.
- Ensure that the wages paid are no less than required by the Contract. This is done by comparing the Force Account Invoice for Labor against the Special Provisions and the Contractor's certified payrolls.
- Verify that the craft, group, wage rate, fringe benefits, and hours being billed on the Invoice are accurately shown.

If Ironworkers and Painters are both working on the same day, doing types of Work that are classified differently, they should be billed on separate Invoices for Labor, charging the appropriate rates based on the class of Work for Workers Compensation Insurance.

Check the hours and rates billed against the Contractors certified payrolls. Use the certified payroll rates if there is a discrepancy between the Invoice and certified payrolls. Use the hours listed on the DFAR if there is a discrepancy between the Invoice and DFAR.

The Agency will only pay for one (1) level of supervision. The costs of other Contractor personnel are included in the markup on the Force Account Work.

Use the following guidelines for verifying information provided on the Invoice:

(a) Workers Compensation Class Codes and Assigned Risk Rates

Workers Compensation class codes and assigned risk rates are published yearly by the ODOT Contract Administration Group and published on the Agency website at:

http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/docs/ClassCodes.xls

EXAMPLE:

CLASSIFICATION CODES			
WORK YEAR	ASSIGNED RISK RATE	CODE	DESCRIPTION OF WORK: (PLEASE CALL 503.986.3029 FOR RATES NOT POSTED)
2002	16.37%	5403	**CARPENTRY WORK.** Includes building and remodeling with wood or light gauge steel.
2003	16.98%		
2004	15.51%		
2005	15.83%		
2006	15.78%		
2007	15.69%		
2008	**14.45%**		
2002	9.17%	6005	**COFFERDAM, BREAK WATER CONSTRUCTION.** Jetty or break water work to keep a river in the channel and prevent erosion. Anchoring a turbidity barrier.
2003	9.78%		
2004	8.81%		
2005	10.17%		
2006	10.57%		
2007	11.89%		
2008	**10.18%**		

When reimbursing the Contractor for Force Account Work, the Agency is reimbursing the Contractor for their actual costs. At certain times the Contractor's governing class code will have a higher rate than the class code for the time period in which the EWO Work is performed. If the actual rate can be verified, the Agency should reimburse the Contractor for their actual cost.

(b) Reduction Rates

Reduction rates are unique to each Contractor and reflect the accident record of that Contractor. Contact the Contract Services Specialist in the CAU to verify this rate. Use the rate for the Contractor or Subcontractor who actually performed the EWO Work.

The Agency will reimburse the Contractor for the following taxes and insurance:

- Social Security (Combination of Social Security at 6.20% and Medicare)
  - Average Between 1.45 and 7.65%
- Oregon Unemployment Compensation
  - Average between 1.0 and 5.4%
- Federal Unemployment Compensation
  - 0.8%

- Transit District Taxes
    - Tri-Met in the Portland area
    - LTD in the Eugene area
    - Chariots in the Salem area

The Agency **does not** pay for:

- Oregon Hourly Assessment
- State of Oregon Assessment (WBF)
- Medicare Tax (included in Social Security)
- SDI or other liability insurance

(c) Fringe Benefits

Fringe benefits must be the benefits shown in the Contract.

(d) Markup

The Contractor is allowed a 22% markup on labor as specified in Section 00197.80. Be sure that the Invoice does not include any other unacceptable markups.

Once the Invoice review has been completed, the Agency person completing the review will sign and date the Invoice.

EXAMPLE:

Force Account Invoice for Labor – Actual Cost Calculation

(as defined by § 00197.30(b) of the 2008 Oregon Standard Specifications for Construction)

Print Form

Prepared by: Joe Smiley — Date: 6-6-10 — Project Name (Section): CONSTRUCTION MANUAL FORM EXAMPLE — Contract No.: C12345

Reviewed by: Rod Lenker, Asst PM — Date: 6-8-10 — Contractor: Prime Construction Company — Period of Work: 4-6-10 TO 4-30-10 — Extra Work Order No.: 6

Subcontractor (if applicable):

Labor

	Name of Employee	Craft	Group No.	Dates (Month 4) Day 6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total Hours (1)	Hourly Rate (2)	$Amt Col1 x Col2
1	Peter James	Laborer	1	OT																					2	2		1	5	$34.65	$173.25
				ST	8	8	0.5	4	3			8	8	6	6	6			4	4		4	4		8	8	8	8	105.5	$23.09	$2,435.99
2				OT																											
				ST																											
3				OT																											
				ST																											
4				OT																											
				ST																											
5				OT																											
				ST																											
6				OT																											
				ST																											
7				OT																											
				ST																											
8				OT																											
				ST																											
9				OT																											
				ST																											
10				OT																											
				ST																											

Travel, Subsistence, Expense, Etc.

List Number from Above	Days or Hours	$ Rate	$ Amount
Other Expenses (attach receipts if appropriate)			
Total to Line F		A	

Taxes and Insurance on Payroll

		Computed Rate %
Class Code	5222	21.77%
Assigned Risk Rate	25.61	
Experience Modification Factor	0.85	
Social Security - FICA		7.65%
Oregon Unemployment		3.3%
Federal Unemployment		0.8%
Total Percentages for Taxes and Insurance	B	33.52%

Vacation

Craft			
Laborer Group 1	1	6.23	$6.23
Total for Labor and Vacation			C $2,615.47
Total for Taxes and Insurance (Line B x Line C)			D $876.67

Fringe Benefits (Health and welfare, pension, education, or training, etc.)

Craft			
Laborer Group 1	1	13.05	$13.05
Total for Fringe Benefits			E $13.05
Total Travel, Subsistence, Expenses, Etc. (From Line A)			F
Total of Lines C, D, E, F			G $3505.19
Contractor's Percentage Allowance (Line G x 22%)			H $771.14
Total Amount Due (Line G & Line H)			$4276.33

12G-5 FORCE ACCOUNT INVOICE FOR LABOR – STANDARD CALCULATION

For Work performed under the 2001 or newer specifications, and when the Contractor has elected to bill for Force Account Work under the Standard Calculation method, the Agency will pay the Contractor two (2) times the actual base hourly wages (excluding fringe benefits, vacation, and all other direct or indirect costs including subsistence). The Contractor will submit billings on Force Account Invoice for Labor – Standard Calculation, form 734-1863A.

EXAMPLE:

Print Form

Force Account Invoice for Labor – Standard Calculation

Prepared by Joe Smiley Date 5/10/2010 Project Name (Section) CONSTRUCTION MANUAL FORM EXAMPLE Contract No. C12345

Reviewed by (at PM office) Rod Lenker Date 5/11/2010 Contractor Prime Construction Company Period of Work 4-6-10 TO 4-30-10 Extra Work Order No. 6

Subcontractor (if applicable)

Labor				Dates																										Total Hours (1)	Hourly Rate (2)	$Amt Col 1 x Col 2
	Name of Employee	Craft	Group No.	Month	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
				Day	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	29	27	28	29	30			
1	Peter James	Laborer	1	OT																						2	2		1	5	34.65	$173.25
				ST	8	8	0.5	4	3			8	8	6	6	6			4	4		4	4			8	8	8	8	105.5	$23.09	$2,435.99
2				OT																												
				ST																												
3				OT																												
				ST																												
4				OT																												
				ST																												
5				OT																												
				ST																												
6				OT																												
				ST																												
7				OT																												
				ST																												
8				OT																												
				ST																												
9				OT																												
				ST																												
10				OT																												
				ST																												
11				OT																												
				ST																												
12				OT																												
				ST																												

Standard Calculation - The hourly amount paid to the Contractor for each employee engaged on force account work will be two times the actual base hourly wage (excluding fringe benefits, vacation and all other direct or indirect costs including subsistence paid to the employee for the following two situations:

For work under Extra Work Order up to an accumulated total value for labor under that order of $10,000, or

For workers whose work class has an industrial accident insurance rate of 25% or less as determined by the national Council on Compensation Insurance (NCCI) for the assigned risk pool for the appropriate work class.

Total for Labor	$2,609.24
Total Due (total for Labor x 2)	$5,218.48

REMARKS

12G-6 FORCE ACCOUNT INVOICE FOR EQUIPMENT & MATERIALS

(a) Rental Rates

The Contractor must bill for Equipment and Materials using the Force Account Invoice for Equipment and Materials, form 734-1864.

EXAMPLE:

FORCE ACCOUNT INVOICE FOR EQUIPMENT AND MATERIALS

PREPARED BY	DATE	CONTRACTOR	PROJECT NAME (SECTION)	CONTRACT NO.
Joe Smiley	5/6/2009	PRIME CONTRACTOR	CONSTRUCTION MANUAL FORM EXAMPLE	C12345
		SUBCONTRACTOR (WHEN APPLICABLE)	PERIOD OF WORK (FROM - THROUGH) 4/6/2009 4/30/2009	EXTRA WORK ORDER NO. EWO #6

Monthly Rate x Rate Adj. / 176 + Oper Exp = Hourly Rate

EQUIPMENT DESCRIPTION TYPE / MANUFACTURER	SERIAL NO / MODEL NO.	YR	"BLUE BOOK" SECTION	PAGE	CODE		DATES (MONTH/DAY) 4/6	4/7	4/8	4/9	4/10	4/11	4/12	4/13	4/14	4/15	4/16	4/17	4/18	4/19	4/20	4/21	4/22	4/23	4/24	4/25	4/26	4/27	TOTAL HOURS (1)	MONTHLY RATE	RATE ADJ	OPER. EXP.	HOURLY RATE (2)	$ AMT COL 1 X COL 2
Ford Pickup	F150	2006	20	7		OPR.	1.0	1.0		4.0	4.0			1.0		6.0	6.0	8.0											31.00	475.00	1.010	4.20	6.93	214.70
						SBY.																												0.00
Chevy PU	3500	2006	22	9		OPR.			4.0	2.0					8.0						4.0	1.0	1.0						20.00	535.00	1.060	4.20	7.42	148.44
						SBY.																												0.00
						OPR.																												0.00
						SBY.																												0.00
						OPR.																												0.00
						SBY.																												0.00
						OPR.																												0.00
						SBY.																												0.00
						OPR.																												0.00
						SBY.																												0.00
						OPR.																												0.00
						SBY.																												0.00
						OPR.																												0.00
						SBY.																												0.00

MATERIALS (ALSO APPROVED RENTAL AND OWNER OPERATED EQUIPMENT)	NAME OF SUPPLIER, INVOICE NUMBER, AND DESCRIPTION (ATTACH RECEIPTED INVOICES)	MATERIALS $ AMOUNT			
	8 each Energite III Inertial Barrier Modules @ $220 each	$1,760.00	TOTAL FOR EQUIPMENT	A	$363.15
			TOTAL FOR MATERIALS	B	$1,760.00
			(LINE A + LINE B)	C	$2,123.15
			(LINE C x 17%)	D	$360.93
			TOTAL DUE (LINE C + LINE D)		$2,484.08

NOTE: REQUIREMENTS FOR DETERMINING HOURLY RATES MAY BE FOUND IN SUBSECTION 00197 OF THE CONTRACT.

SUBMIT THE ORIGINAL AND ONE COPY TO PROJECT MANAGER

For Equipment owned by the Contractor, verify the rental rates from the rates shown in the Rental Rate Blue Books for Construction Equipment ("Blue Book"), Refer to Section 00197.20 for the procedure.

Contractors may have several sub-entities within their organization that may perform specific Work, or provide specific services, such as leasing Equipment. Use only the rates from the Rental Rate Blue Books to determine rental rates for any Equipment owned by the Contractor, or any of their sub-entities. Do not pay different rates if the Contractor leases or rents Equipment within its own organization, and do not pay any additional markup on such usage.

Be sure to use the proper volume of the Blue Books for the Equipment rates. Contact the Contract Services Specialist in CAU if you need assistance.

Additional items to consider when reviewing the Contractors Invoice for Equipment and Materials:

1. Verify that the rate used applied to the period when the Work was performed, since the Blue Books are updated frequently. Historical Equipment rates are available through the web based version of the Blue Books. Select the appropriate effective date for the rates based on when the Work was performed.

2. If an Equipment year goes below the low end of Table 2 on the Rate Adjustment Table, use the oldest rate for that type of Equipment.

3. If a piece of Equipment has a date in parenthesis this means that the Equipment was discontinued during the year in parenthesis. To calculate the correct rate adjustment for discontinued Equipment, divide the rate for the year that the Equipment was manufactured by the rate for the year that it was discontinued. Show the calculation on the Invoice for auditing purposes.

4. It may be helpful to compile a list of the Contractor's Equipment with the appropriate rental rates and codes to facilitate quicker checking of EWO Invoices. If requested, CAU can verify the rates. Be sure to update the listing if the rates change due to a periodic rate revision.

5. The Agency does not allow a Regional Adjustment Factor.

6. Pay standby time only when the PM has ordered the Contractors Equipment to remain on site. Payment for standby time should be according to 00197.20(e).

7. Invoices for rented Equipment or Materials must include the vendors name, date, quantity, rate, and extended amount for Materials or rented Equipment. Quantities must be sufficient to cover the quantities shown on the DFAR and billing. Dates must match those on the DFAR.

8. Do not accept Invoices for Equipment that the Contractor has obtained from within its own organization, since that Equipment would be paid as determined for Equipment owned by the Contractor.

9. Do not accept Invoices on the Contractor's letterhead.

10. Unless requested by the PM, the Contractor does not need to submit Invoices for $10 or less.

11. The Agency will pay for the operating expenses on Equipment at the rate listed in the Blue Books only when the Invoice states that the rental charges does not include fuel, lubricants, or field repairs.

12. The Contractor is allowed a 17% markup on all Equipment and Materials actual costs. In addition, if the EWO Work is performed by a Subcontractor, the Contractor will be allowed a supplemental markup of 8% on each EWO.

Once the Invoice for Equipment and Materials review has been completed, the Agency person completing the review will sign and date the Invoice.

12G-7 FORCE ACCOUNT SUMMARY

The Force Account Summary form 734-3385 will be completed by the PM. The PM will use this form as the basis for payment for the EWO Work on the progress estimate. The form will then be submitted to the CAU, along with the Contractor's invoice and all supporting data.

CAU will perform the final review of the Invoices and provide any relative feedback to the PM regarding needed corrections. The PM must notify the Contractor of any corrections, as well as correcting the progress estimate. No corrections will be made if further review identifies the corrections to be less than $10.

Print Form

Force Account Summary

Project Name (Section) CONSTRUCTION MANUAL FORM EXAMPLE Contract No. C12345
Contractor Prime Construction Company County Malheur Estimate No. 4

Extra Work Order Number	6	(A) Prime	(B) Subcontractor
1	Labor Invoice	$5,218.48	
2	Labor Invoice		
3	Labor Invoice		
4	Labor Invoice		
5	Equipment and Materials Invoice	$2,484.08	
6	Equipment and Materials Invoice		
7	Equipment and Materials Invoice		
8	Equipment and Materials Invoice		
9	Total Current Force Account (Add Lines 1 through 8)	$7,702.56	
10	Prior Total Force Account for A or Prior Subcontracted for B (Total from Line 11A or 11B Prior Summary)	$7,215.95	
11	Total Force Account (Add lines 9A and 10A or 9B and 10B)	$14,918.51	
12	8% Allowance		$0.00
13	Performed to Date (Add Lines 11A, 11B and 12B)		$14,918.51
14	Prior Total Force Account (Total from Line 13B Prior Summary)		
15	Enter on Progress Estimate and Cost Report (Subtract Line 14B from Line 13B)		$14,918.51

Remarks

Prepared by Date Approved by Project Manager Date
Reviewed by Date

Distribution: Project Manager submits the original and supporting documents to Construction with copies to the Contractor and Subcontractors.

12G-8 STEPS FOR REVIEWING FORCE ACCOUNT INVOICES IN THE PROJECT MANAGERS OFFICE

(a) Make sure you have all the documents to perform the review. You will need:

1. A copy of the Extra Work Order, form 734-3208. If there is none, check with the Project Manager (PM). It may not be completed yet, or it may be that this work will be paid under a Contract Change Order, 734-1169.

2. Invoices from the Contractor for labor. This may be either:

- Force Account Invoice for Labor – Actual Cost Calculation, form 734-1863B; or
- Force Account Invoice for Labor – Standard Calculation, form 734-1863A

The Extra Work Order form has a check box to indicate which one is used.

3. Invoices from the Contractor for any equipment, materials, and subcontracts, on the Force Account Invoice for Equipment and Materials, form 734-1864.

4. Daily Force Account Record(s), form 734-3428 for each day or shift work was done. All the copies with all the signatures. These documents are the source for everything else. Check the records for blanks. There must be enough information to identify the workers and the equipment accurately. If there isn't, your first step is to contact the Project Inspector to find it.

5. Certified payrolls from the Contractor for the workers used and the time the work was done. These should be in the PM office with the Office Coordinator.

6. A copy of the prevailing wage rates for the project. These are found very near the beginning of the Project Special Provisions.

The contractor is supposed to prepare the invoices using only the official ODOT forms. The forms have been automated to perform many of the calculations. Using the official ODOT forms ensures that all calculations are performed consistently. The form number should appear on the bottom of the form. If in doubt, re-enter the data on an ODOT form, as a check. In some instances, the Contractor may not submit an invoice for all equipment. If an item is shown on the Daily Force Account Record(s), in the interest of fairness and expediency, we may prepare one. However, tell the Contractor that their organization should have supplied it.

(b) You will need to have access to a computer and to the Contract Payment System. The Rental Rate Bluebook application is available as a link from each of the CPS Pages. You will verify the equipment rental rates billed using the lookup features from the Rental Rate Bluebooks. You will also need the computer to fill out the Force Account Summary, form 734-3385, which is where you record the results of your review. All the forms mentioned in these instructions are available at:

http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/ConstForms.shtml.

(c) First of all, verify that each of the workers on the labor invoice is being paid at the correct hourly rate and for enough hours on the dates given. The billings should be at least the rate shown in the prevailing wage rate of the Special Provisions, and at hourly rate shown on the Contractor's payrolls.

(d) If it is on the Standard Calculation form 734-1863A, check the calculations enough to see that they are accurate.

(e) If it is on the Actual Cost Calculation form 734-1863B, check that the reimbursement rate for taxes follow these ODOT guidelines:

- Social Security (combination of Social Security at 6.20% and Medicare--Average rates between 1.45%) 7.65%
- Oregon Unemployment Compensation--Average rates 1.0 to 5.4%
- Federal Unemployment Compensation--0.8%
- Transit District Taxes--Tri-Met in Portland area, LTD in Eugene area (Current Tri-Met tax rate is 0.6418%, according to Tri-Met.)
- Workers Compensation Insurance rate is calculated correctly. go to http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/docs/ClassCodes.xls to check the class code and assigned risk rate; and to
- Go to the ODOT Intranet site Resources & Links to find the Contractor risk modification factor. Then check the calculations enough to see that they are accurate.

(f) Unless the work requires a specific mobilization[i], and is a long way from a large town, we do not normally pay for travel costs. Check to see if regular Contract work was happening at the same time as the Extra Work. We would only consider payment of travel costs if the Contractor is paying travel costs to regular Contract employees.

(g) We also do not pay for more than one level of supervision.

(h) Next, check the Invoice(s) for Equipment and Materials, form 734-1864. There should be suppliers' invoices for materials, rental equipment, or specialty services[ii] (such as pavement sawing) attached, for any of these items listed on the bottom of the form. Verify that the amounts, dates and suppliers match the invoice and the Daily Force Account Record(s).

Compare the equipment listed on the invoice(s) with the Daily Force Account Record(s). They should match. They should also roughly match what was agreed to on the Extra Work Order or Contract Change Order. Then, using the Rental Rate Blue Book link, make sure that the invoice does not request a higher amount for monthly rate, rate adjustment or operating expense than the equipment indicates. Make sure that attachments listed were actually needed for the work. Check the calculations enough to see that they are accurate.

(i) There should be a contact person listed with the invoices. If any amounts are higher than you determine they should be, call the contact person and go over each discrepancy. If you can't resolve them, discuss the issues with your supervisor. Minor differences may be ignored, since it is hard to predict in advance exactly how much the extra work will cost.

(j) Complete the Force Account Summary sheet. If some of the work has already been paid for, note it in the remarks section, along with any discrepancies and their resolution. Sign and date the form.

(k) Complete the Force Account Invoice Evaluation Form, form 734-2784, Part 1. A copy of the form will be submitted to the Contractor, a copy will be retained in the Project Managers files, and the original form will be submitted with the invoice documents.

(l) Assemble all documents in a neat and organized packet, with the Force Account Invoice Evaluation Form on top. Submit the packet to your supervisor or PM for review and signature of the Summary Sheet. Upon approval by the PM, the Summary Sheet will act as the paynote for entry (payment) into the Contract Payment System. Forward original documents to the Contract Administration Unit (CAU), mail a copy to the Contractor, and retain a copy for the Project Manager files.

The CAU will complete Part 2 of the Force Account Invoice Evaluation Form, form 734-2784, upon completion of their review of the Force Account invoice documents. Once completed, a copy of the form will be returned to the Contractor and the Project Manager.

EXAMPLE:

FORCE ACCOUNT INVOICE EVALUATION FORM

Oregon Department of Transportation

Project Name: CONSTRUCTION MANUAL FORM EXAMPLE
Contractor: Prime Construction Company
Subcontractor:
Contract Number: C12345
FA Summary Sheet No.: 2
Extra Work Order No.: 6

PART 1: TO BE COMPLETED BY PROJECT MANAGER

Invoice Period: From 6-Apr, To 30-Apr, Year 2010
Invoice Amounts: Equip & Materials $ 2,484.08; Labor $ 5,218.48

Date Received by PM: 5/10/2010
Invoice Reviewed By: Rod Lenker
Date Invoice Reviewed: 5/11/2010

Invoice Item Description	Original Invoice Amount	Correction	Adjusted Invoice Amount	Reason for Correction
Laborer, Group 1	$ 5,218.24	$ (99.99)	$ 5,118.25	Hourly rate is $23.07 not $23.09
		$ -		
		$ -		
		$ -		
		$ -		
		$ -		
		$ -		
		$ -		
		$ -		
		$ -		
TOTAL:	$ 5,218.24	$ (99.99)	$ 5,118.25	Paid Estimate No. 4

Date Copy Returned to Contractor: 5/21/2010
Returned via: USPS
Invoice Reviewed - No Corrections Made: ☐

Payment for Force Account Invoices are often entered into the progress estimate prior to the Invoice being checked. The above payment is made in good faith. However, the Agency reserves the right to make adjustments to this amount if discrepancies are discovered at a later date.

PART 2: TO BE COMPLETED BY CONTRACT ADMINSTRATION UNIT (CAU)

Date Received by CAU: 5/25/2010
Invoice Reviewed By: Mary Smith
Date Invoice Reviewed: 5/26/2010

Invoice Item Description	Invoice Amount Approved by PM	Correction	Adjusted Invoice Amount	Reason for Correction
		$ -		
		$ -		
		$ -		
		$ -		
		$ -		
		$ -		
TOTAL:	$0.00	$0.00	$0.00	Adjustment Made on Estimate No.

Date Copy Returned to Contractor: 5/28/2010
Returned via: USPS
Invoice Reviewed - No Corrections Made: ☑

[i] **(d) Moving Equipment** - If it is necessary to transport Equipment located beyond the Project Site exclusively for Force Account Work, the actual cost to transport the Equipment to, and return it from, its On-Site Work location will be allowed as an additional item of expense. However, the return cost will not exceed the original delivery cost. These costs will not be allowed for Equipment that is brought to the Project Site for Force Account Work if the Equipment is also used on Pay Item or related Work. If transportation of such Equipment is by common carrier, payment will be made in the amount paid for the freight. No markups will be allowed on common carrier transportation costs. If the Equipment is hauled with the Contractor's own forces, transportation costs will include the rental rate of the hauling unit and the hauling unit operator's wage. If Equipment is transferred under its own power, the rental rate allowed for transportation time will be 75% of the appropriate hourly rate for the Equipment, without attachments, plus the Equipment operator's wage.

[ii] **00197.40 Invoices for Special Services** - Invoices for Special Services that reflect current market pricing may be accepted without complete itemization of Materials, Equipment, and labor costs, if the itemization is impractical or not customary. The invoice for Special Services shall show credit for commercial trade discounts offered or available.
No percentage markup will be allowed other than that specified in 00197.80.

12G-9 EXTRA WORK PERFORMED ON FORCE ACCOUNT BASIS RESPONSIBILITY MATRIX

Activity	Contractor	Inspector	PM	CAU
Directs the daily construction activities necessary to accomplish the Extra Work		X		
Prepares the Daily Force Account Record (DFAR)		X		
Acknowledge agreement with DFAR by signature	X	X		
Prepare Invoice billings for Labor, Equipment, Materials or Special Services	X			
Calculate Blue Book Rental Rates for Equipment	X		X	
Verify crafts, wage rates, and hours billed on FA; compare to certified payrolls			X	
Prepare Force Account Summary			X	
Performs final review and approval of Invoice billings				X
Makes payment for approved Force Account work, or makes adjustments as noted by CAU			X	

INSERT TAB

8. Ch. 19
Labor Compliance

*CHAPTER 19 – LABOR COMPLIANCE

19-1 GENERAL

Contractors' employees working on public works construction Projects, whose duties are manual or physical in nature, must be paid no less than the applicable prevailing wage rates (hourly base wage rate plus hourly fringe benefits) specified in the Contract for the occupational classification of Work they are performing.

When a Project is subject to regulation under the State's Bureau of Labor and Industries (BOLI) Prevailing Wage Rate (PWR) law and uses federal funds that require compliance with the federal Davis-Bacon and Related Acts (DBRA), the Project will be subject to both the state PWR law and the federal Davis-Bacon Act at the same time. Even if the Project is funded solely with federal funds, the Project is subject to both State PWR and federal requirements because once federal funds are in the control of a public agency they become "funds of a public agency" as defined in the PWR law for the State.

While most requirements of the State PWR law apply to Projects subject to both State and federal prevailing wage rate laws, there are areas in which the federal requirements take precedence. For Projects subject to both State and federal prevailing wage rate laws, BOLI will follow federal guidelines for the term "site of the work" and for when prevailing wages are due to delivery personnel.

The Project Manager (PM) must monitor labor compliance on all Agency Projects subject to prevailing wage rate law (DBRA and/or BOLI PWR law) to ensure that all employees are paid the proper wage rates for the Work they perform. For guidance and determinations relating to "site of the work" and Material delivery personnel contact ODOT's Labor Compliance Officer.

19-2 PREVAILING WAGE RATES

(a) Federal Davis Bacon and Related Acts (DBRA) and the State's Bureau of Labor and Industries Prevailing Wage Rate (BOLI PWR) Law.

1. Covered Work and Wage Rate Determinations

The U.S. Department of Labor (US-DOL) periodically conducts wage surveys to determine prevailing wages as required by part of the DBRA and Code of Federal Regulations (CFR 29 Labor).

BOLI conducts annual surveys to determine prevailing wages consistent with Oregon Revised Statutes (ORS 279C) and Oregon Administrative Rules governing BOLI and public works contracting.

* **All Marked Text Updated March 2014**

All federally funded Projects on the National Highway System are covered by DBRA and prevailing wage rates must be paid to Contractor's employees performing duties on the Project worksite.

DBRA prevailing wage rates may not apply to Federal Aid Projects that are off the National Highway System **or** to Projects that are totally State funded. These Projects are covered by BOLI PWR law and the appropriate wage rate determination is specified in the Contract.

All public works Projects which were first advertised for Bid on or after January 1, 2006, are subject to both the DBRA and the BOLI PWR law. Contractors and Subcontractors must pay the higher (hourly base wage rate plus hourly fringe benefit) of either the DBRA or the BOLI wage rate determination for the type and occupational classification of Work being performed.

A change in BOLI PWR law, effective January 1, 2011, allows the public agency to use a single date to establish both the State prevailing wage rate and the applicable federal prevailing wage rate for Contracts subject to both BOLI PWR law and the Davis-Bacon Act. The applicable wage rate determinations are specified in the Contract.

2. Potential Wage and Hour Violations

The public contracting Agency is responsible for investigating wage and hour related claims and potential violations for Projects covered by both DBRA and BOLI PWR law. If the PM's office becomes aware of a potential violation, contact should be made to the Contractor to validate information and attempt to correct any wage and hour related issues. Written correspondence to the Contractor addressing wage and hour related issues is recommended, with copies to ODOT's Labor Compliance Officer (LCO) and the Project file. If a remedy is not achieved at this level, the issue has escalated to the LCO.

BOLI is responsible for investigating and resolving allegations of wage and hour violations on Projects that are covered by the State's PWR law. BOLI has authority, under ORS 652.230, to file a claim against the Contractor's bond for unpaid wages. A claim must be filed with BOLI within 180 calendar days after the person claiming the unpaid wages last Worked on the Project. If the PM is aware of a claim for unpaid wages, and it is approaching 180 Calendar Days since that person last Worked on the Project, contact the LCO.

During an investigation, BOLI will request information from the contracting Agency including certified payroll reports, the Contractor's Surety and bond information, and the Inspector's Daily records to begin the BOLI investigation. ODOT's LCO is the primary point of contact for BOLI and US-DOL inquiries, investigations, and coordinates requests for Project records with the PM's office.

19-3 ROLES AND RESPONSIBILITIES

All Contractor's and Subcontractor's employees Working on the Project Site of a prevailing wage rate covered Project must be paid in a manner consistent with the prevailing wage rate determination specified in the Contract. Contractors and all Subcontractors must submit certified payroll reports (Forms WH-38, WH-347, or the equivalent language and information) as required, including the signed certification/statement of compliance page.

The PM is responsible for labor compliance monitoring over the course of the Project and final labor compliance and acceptance at Project completion.

This Section is divided into three parts based on the roles and responsibilities of the Contractor, PM and the LCO.

(a) The Contractor

Required Postings

Each Contractor is required to post all of the following documents in an accessible place at the Project Site:

- US-DOL WH-1321 Poster "Employee Rights Under the Davis-Bacon Act".
- Prevailing wage rates (hourly base wage rate plus hourly fringe benefits), and zone pay, if applicable.
- Information on fringe benefit plans or program details, and how to access those benefits.
- A regular Work schedule (Days of the week and number of hours per Day).
- Prevailing Wage Complaint form 734-2547.

All forms and posters required are available electronically and can be found at:
http://www.dol.gov/whd/programs/dbra/wh1321.htm.

1. Work Schedule

Contractors must give employees and the PM a regular Work week schedule (Days of the week) and Work shift hours (beginning and ending hours per Day) in writing before beginning Work on the Project. If a Contractor fails to give written notice of the employee's schedule then the Work schedule is presumed to be a 5-Day, 8-hours per Day Work schedule.

The Contractor's Work schedule determines when an employee must be paid at the overtime rate for Work performed. The Contractor can choose from the following allowed Work weeks and Work shifts:

- Five days, eight hours per day (5-8's), Monday through Friday.
- Four consecutive days, ten hours a day (4-10's), Monday through Thursday.
- Four consecutive days, ten hours a day (4-10's), Tuesday through Friday.

If the Contractor has a 4-10 Work schedule and requires its employees to Work on a fifth Day, the Work schedule for those employees for that week **reverts to a 5 day 8 hour per day work schedule**, and overtime must be paid based on the reverted Work schedule. This is not considered a change in the regular Work schedule.

Example: The Contractor has a Work schedule of 4-10s, Monday-Thursday. Employees worked 10 hours each Day. Employees also Work for two hours on Friday. The Work schedule reverts to a 5 day 8 hour per day schedule, resulting in two hours of overtime each Day Monday-Thursday, and no overtime on Friday.

This guideline is contained in the BOLI Prevailing Wage Rate Law Handbook, which is available electronically on the BOLI website at:

http://www.oregon.gov/BOLI/WHD/PWR/W_PWR_Pwrbk.shtml.

The Contractor may elect to employ crews or individuals on different Work schedules.

The Work schedule cannot be changed back and forth to avoid overtime. A change in Work shift (for example, day shift to night shift) is not considered a change in Work schedule as long as the Days of the week worked are not changed.

Note: If the Contractor is signatory to a trade union's collective bargaining agreement (CBA), the CBA language takes precedence over the State's PWR law. The Contractor must provide a copy of the agreement to the PM for verification and inclusion with the payroll documents.

2. Classification

The Contractor must pay each employee for the occupational classification of Work the employee is performing.

If the employee is working in more than one occupational classification the Contractor may elect to pay either:

- The prevailing wage rate for the hours worked per each occupational classification, or
- The higher of the two occupational classification wage rates for the total hours worked.

3. Total Base Wage Rate

The "total base wage" is the base wage rate plus applicable fringe benefits, either paid as cash to the employee or into a program or plan. Overtime must be paid at the rate of one and one half times the "total base wage" plus applicable zone pay.

Note*: If the Contractor is signatory to a union's CBA, the CBA language takes precedence over the State's PWR law.*

4. Fringe Benefits

The Contractor must pay fringe benefits to each employee for all time worked as specified in the prevailing wage rate determination included in the Contract.

The Contractor may pay fringe benefits as cash to the employee for time worked or may put the fringe benefits into bona fide pension, health, insurance, vacation, or other appropriate programs.

Paying lodging expenses or per diem for travel is not considered a fringe benefit.

For overtime calculations the base wage rate is used at one and one half times without fringe benefit amounts included. If fringe benefits are paid as cash to the employee, when the amount of fringe is removed from the wage rate, the wage rate used for overtime calculations must be at least equal to the prevailing wage rate specified on the wage determination for that occupational classification.

The Contractor may not reduce the wage or fringe benefit for any payment that the Contractor is required by federal, State, or local law to make (such as workers compensation, unemployment compensation, or social security contributions).

Each certified payroll must contain the hourly fringe benefit amount and must indicate whether the fringe benefits are paid to the employee or are being placed in appropriate programs. If fringe benefits are not paid to the employee, the fringe benefit amounts must be paid to a trustee or third party under a bona fide benefit program, and the Contractor must make those payments regularly and not less often than quarterly.

5. Zone Pay

The Contractor must pay zone pay as required in the Contract.

Zone pay is typically measured from the mid-point of the Project to the nearest base point referenced in the wage rate determination for the Work classification.

If the employee is working in multiple zones the Contractor may elect to pay either:

- The highest of all of the zone pay for all Work on the Project, or
- The appropriate zone pay for Work performed in each zone.

6. Overtime

The Contractor must pay each employee at the proper overtime rate for all overtime worked. ORS 279C.540 specifies overtime requirements for all Projects. There are only two exceptions:

- If the Contractor is signatory to a trade union's CBA, the CBA language takes precedence over the State's PWR law. The Contractor must provide a copy of the agreement to the PM for verification and inclusion in the payroll documentation.
- For employees who work for Indian-owned businesses on Indian reservations, overtime is specified in the federal Contract Work Hour & Safety Standards Act (CWHSSA) and must be paid for all Work performed over 40 hours in a Work week.

The Contractor must pay overtime when:

- Work is performed in excess of eight hours in a Day and 40 hours in a week when the Work schedule is five consecutive Days, Monday through Friday, **or**
- Work is performed in excess of 10 hours in a Day and 40 hours in a week when the Work is four consecutive Days (either Monday-Thursday or Tuesday-Friday), **and**
- Work is performed on Saturday and/or the legal holidays listed in ORS 279C.540 (Sundays, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day).

If an employee works on more than one Project in a 24 hour period, the hours worked are cumulative and the Contractor must pay overtime for work beyond eight or ten hours per Day, dependent upon their regular Work schedule, regardless of where the Work was performed.

If the established 4 Day Work schedule is not followed due to weather, scheduling, or other circumstances then that week's Work schedule reverts to a 5 Day Work schedule; and overtime is owed for any hours worked over eight in any Day during that week.

The Contractor shall not "bank" overtime hours and then exchange the hours as straight time on other days. If the Contractor requires an employee to Work beyond the established Work schedule, the employee must be paid overtime for the additional time worked.

When an employee earns more than one base rate of pay during the Day, and overtime is owed, then the overtime must be calculated and paid based on either a weighted average of the hourly base rates earned or all the overtime for that Day must be paid at the highest rate worked.

The Contractor is responsible to manage labor compliance for itself and all of its Subcontractors. The Contractor must:

- Review all Subcontractors' certified payroll reports for errors or potential wage and hour concerns or violations. Address all concerns to the Subcontractors promptly.
- Withhold 25% of any amount earned by a Subcontractor if the Subcontractor does not submit, does not timely submit, or does not provide corrected or revised certified payroll reports as required in 00170.65(a) and ORS 279C.845.

The Contractor must ensure each Subcontractor:

- Pays wages, fringe benefits, zone pay, and the proper overtime owed to all of its employees for the manual and physical Work being performed at the Project worksite. The Contractor is obligated and responsible to pay a Subcontractor's employees if a Subcontractor fails and/or refuses to properly pay its employees.
- Submits certified payroll reports for its employees, including the required signed certification/statement of compliance page.

Note: For Design-Build Projects subject to the DBRA and/or BOLI PWR law, the Contractor and all Subcontractors are required to provide the same documents and meet the same requirements for labor compliance as stated above.

(b) Project Manager (PM)

The PM is responsible for monitoring labor compliance over the course of the Project, and for final acceptance of labor at Project completion.

It is the PM's responsibility to review and compare certified payroll reports to verify base wage rates, fringe benefit contributions, zone pay, and overtime calculations are being paid and reported correctly. Errors and concerns must be raised immediately to the Contractor for correction or revision.

The PM must:

- Conduct employee wage interviews, typically every six months, with the Contactor's and Subcontractor's employees as a validation of wages paid, fringe benefits, occupational classification of Work, Equipment used, and overtime paid.
- Review and compare certified payroll reports with Inspector Daily reports and Employee Interview reports to validate occupational classification of Work being done, wage rates paid, and Contractors working on-site to verify missing certified payroll reports.
- If errors or deficiencies are found in wage and benefit payments, require the Contractor to correct the error and submit a revised or supplemental certified payroll report with corrections made including a new signed certification/statement of compliance page.
- If Contractor's employees are due additional wages and/or fringe benefits, zone pay, or overtime pay, proof of payment to the employee is required to validate the correct wages have been paid. A copy of a cancelled check, money order, or bank deposit slip will provide adequate proof the error has been corrected and the employee has been paid properly. ***Corrected certified payroll reports are required with a new signed certification/statement of compliance page included with the revised certified payroll reports.***

  Retain the original submitted certified payroll report, the corrected/revised certified payroll report, proof of employee payment, and any other wage related correspondence in the Project labor compliance files.
- Withhold 25% of any amount earned by the Contractor if the Contractor does not submit, doesn't timely submit, or doesn't provide corrected or revised certified payroll reports as required by 00170.65(a) and ORS 279C.845.
- Submit all certified payroll reports for the Contractor and Subcontractor(s), Employee Interview Reports, additional documentation, and the Project Manager Labor Compliance Certification form (734-1734) for final labor compliance documentation. [Refer to Chapter 37 – Submittal of Final Project Documentation]

The PM responsibilities for administering labor compliance and performing certified payroll reviews on Design-Build Projects are the same as those listed above.

(c) Labor Compliance Officer (LCO) – Contract Administration Unit

The Labor Compliance Officer (LCO) will:

- Attend Pre-Construction Conferences to address labor compliance requirements as requested by the PM's office.
- Monitor labor compliance by conducting quarterly audits in the PM's office, local agency Project offices, and consulting firms for consultant managed Projects.
- Provide program-level technical expertise to PM staff and Contractors.
- Identify and provide training as scheduled or requested.
- Conduct investigations of wage and hour related complaints.
- Track complaints and remedies for trending and training opportunities.
- Perform random audits on the total labor program for overall compliance.
- Primary point of contact for BOLI and US-DOL.
- Technical resource to ODOT staff and industry partners.

19-4 CERTIFIED PAYROLL REPORTS

(a) Contractor Reporting Requirements

On Federal Aid Projects, Contractors and Subcontractors must pay the higher of either the Davis-Bacon Act or the BOLI prevailing wage rates for the type of Work being performed. The Contractor must submit certified payroll reports to the PM office on a weekly basis.

On State funded Projects the Contractor must pay the appropriate BOLI prevailing wage rate specified in the Contract and submit weekly certified payrolls once a month by the 5th of the month.

On both State funded and Federal Aid Projects, each payroll must include a certified statement/statement of compliance with the specific language that is included in the Contract and on each of the following forms:

- Federal Payroll Form WH-347 for federal funded/Davis-Bacon Projects, or
- BOLI Payroll Form WH-38 for State funded/BOLI Projects and/or federal funded/Davis-Bacon Projects.

Although the Contractors are not required to use a specific form, the BOLI Payroll/Certified Statement Form WH-38 (Rev 12/06 or later) is designed to meet all requirements of both BOLI PWR law and the federal Davis-Bacon Act.

The Contractor must provide all the required information and the certification statement must be identical, signed, and submitted with each Contractor's certified payroll reports.

Each certified payroll must have:

- A signature of a company official or agent who pays wages or supervises payment of wages to workers employed on the Project.
- The fringe benefits, whether they are paid to the employee or have been placed in a bona fide party, program, or plan.

The certified payroll must contain the following information for all employees:

- Name, address, and an employee's identification number (this may be the last four digits of the employee's social security number).
- Occupational classification of Work, group number, and/or apprenticeship percentage level.
- Hours worked.
- Hourly rate of pay.
- Hourly overtime rate of pay.
- Gross amount earned, including other prevailing wages and non-prevailing wages earned.
- Deductions.
- Hourly rate contributed to a bona fide fringe benefit party, program or plan.
- Name of party, program or plan and type of benefit provided to a bona fide party, program or plan.
- Hourly rate of fringe benefits paid to employee as cash equivalent.
- Net amount paid.

Note: Certified payrolls are Project-specific. This means that a certified payroll must show regular and overtime hours for one project only. If an employee worked on more than one public works Project the employee and time worked must be shown on a separate certified payroll for each Project.

(b) PM Review of Certified Payroll Reports

The PM is responsible to review the certified payroll reports to ensure Contract labor requirements and prevailing wage rate law requirements are met.

The following steps provide guidance for PM offices to perform the Agency's legal requirements and due diligence in administering the labor compliance component of the Project:

- Verify proper payment by comparing information on the certified payroll reports to the base wage, fringe contribution, and zone pay from the appropriate wage rate determination.
- Verify benefit plans are specified on the certified payroll reports or specified as fringe paid as cash to the employee.

- Address any wage and hour discrepancies with the Contractor promptly.
- Request corrected certified payroll reports and proof of payment if wages due to employee(s).
- Compare certified payroll reports to Employee Interview reports and Inspector Daily records to identify possible inconsistencies in occupational classification of employees and/or missing certified payrolls.

(c) Apprentices and Trainees

Refer to *Chapter 18 – Workforce and Small Business Equity Programs*, OJT/Apprenticeship section for additional information.

(d) Apprentices

Apprentices are registered with the BOLI Apprenticeship and Training Division. The Joint Apprenticeship & Training Committee (JATC) monitors the wages and level of apprenticeship.

The Contractor may pay reduced wages to apprentices as allowed by the applicable JATC. The PM should request documentation from an employer to verify an individual's status as an apprentice.

(e) Trainees

Trainees are not registered with a JATC. Contractors must pay each trainee the prevailing wage rate for the Project.

19-5 EMPLOYEE INTERVIEW REPORTS (Form 734-3475)

Employee wage interviews are required on Projects covered by DBRA (CFR 29 Labor) and are intended to assist in validating the occupational classification of Work the employee is performing and verify the wage rate being paid for that Work.

At least once every six months the PM's office will interview random employees of each Contractor that worked on the Project within that period of time. Record the information on the Employee Interview Report, form 734-3475. (See Exhibit 19A)

Questions asked during each interview are intended to verify the occupational classification of Work the employee is performing and what the employee is being paid for that Work. Each employee must receive proper pay for each occupational classification of Work performed. If an employee performs Work in more than one occupational classification (such as laborer, carpenter, cement mason, ironworker, etc.), the employee must be paid at the appropriate wage rates for the occupational classification of Work for all straight time hours worked.

If an employee works in more than one occupational classification, the PM or staff reviewing the certified payrolls will verify that the employee is paid under the appropriate occupational classifications for Work performed. The PM or Inspector should alert the person reviewing the certified payrolls about employees who Work in more than one occupational classification and should be noted on the Employee Interview Report when interviewing employees.

19-6 LABOR COMPLAINTS AND INVESTIGATIONS

Wage and hour related issues may be identified through:

- Certified payroll report review and monitoring.
- Employee wage interviews.
- Employee complaints.
- A trade union representative, union or labor advocate (e.g., Fair Contracting Foundation).
- A formal filed complaint (e.g., Prevailing Wage Complaint form 734-2547).

The PM is considered the first level of review and response for issues relating to wage and hour concerns, complaints, and potential violations. If labor related issues cannot be resolved at the PM level, the PM escalates the issue to the LCO.

When the Agency conducts an investigation to resolve a prevailing wage complaint and it is determined that employees are owed additional wages and/or fringe benefits, proof of payment is required. Proof of payment can be in the form of a copy of a cancelled check, money order, bank deposit slip, receipt for amount of the additional wages signed by the employee, or proof of mailing via certified or registered mail of the additional wages to the employee. This information must be maintained with the certified payrolls showing that employees were properly paid.

If the Contractor failed to properly pay its employees and the Agency had to have BOLI pay the employee directly, the PM must address that in the required Contractor Performance Evaluation. [*Refer to Chapter 34 - Contractor Performance Evaluation*]

When a formal prevailing wage complaint is filed with BOLI or any other enforcement agency, retainage may be released and final labor may be accepted by the Agency unless the investigating agency requests the retainage be held.

19-7 PM'S LABOR COMPLIANCE CERTIFICATION (Form 734-1734)

When the Contractor has completed all Work on the Project Site and has submitted all final certified payrolls, the PM will prepare the payroll documentation for semi-final. Once the PM determines the final payroll documentation is complete, the PM will accept the labor compliance documentation.

If the Project has an Establishment Period (planting or seeding), the PM will review the remaining payrolls associated with this Work. Once the PM determines that the payroll documentation is complete, the PM will accept the remaining labor compliance documentation.

Upon final acceptance of the labor compliance, the PM's Labor Compliance Certification, form 734-1734 will be prepared by the PM office, and be signed by the PM. (See Exhibit 19B)

NOTE: If there are no certified payrolls associated with the Establishment Period Work, the PM must provide an explanation why no labor was performed and include the following notation on the signed Labor Compliance Certification form: *"No Establishment Period Payrolls".*

DO NOT hold submittal of the final quality and quantity documentation while waiting for acceptance of the labor compliance documents.

The PM will submit the following labor compliance documentation, in separate pad(s), with the final Project quality and quantity documentation to CAU:

- Contractor and Subcontractor Payrolls and Wage Certification Statements/Certification of Compliance. Each payroll should indicate the items that were checked by the PM or staff.
- Original Employee Interview Reports.
- Either the original or copy of the PM Labor Compliance Certification form.

The PM must process the request according to the procedure outlined in *Chapter 37 – Submittal of Final Documentation*.

19-8 RELEASE OF PUBLIC RECORDS

Any person may request to look at or obtain copies of certified payrolls or other records on public works Projects. Most Project records, including certified payrolls, are considered public records. If full social security numbers are listed on the certified payroll reports, this information is considered sensitive and must be redacted before the certified payroll record(s) will be released.

The procedures set forth in the ODOT Records Manual for responding to Public Records Requests shall be followed for public records requests for certified payroll reports and the release of these records. The Manual is available on the ODOT Records Management website at:

http://intranet.odot.state.or.us/ssb/BSS/rim.htm

Requests for labor related documents made by other government agencies should be sent to ODOT's Labor Compliance Officer (LCO) for response and tracking.

19-9 PREVAILING WAGE FOR TRUCK DRIVERS

(a) Owner-Operators

The term "owner/operator" only applies to the owner/operator of a truck. An owner/operator of a truck is not entitled to prevailing wages. For all Projects, an owner/operator of a truck must, prior to providing trucking services, comply with the requirements of 00170.65(b)(4).

Owner/operators of other types of Equipment, such as bulldozers, scrapers, backhoes, cranes, drilling rigs, etc., must receive prevailing wage rates and comply with certified payroll requirements for all Work performed at the Project Site.

The PM will perform "spot checks" on all owner/operators performing Work on the Project to validate owner/operator status. Each owner/operator provided truck shall clearly display the name of the owner/operator on the side of the truck. Any truck driver not meeting the criteria of an owner/operator must show up on the Contractor's certified payroll and be paid the prevailing wage rate.

(b) Non-Owner/Operators of trucks (Commercial Suppliers) *are* entitled to prevailing wages for the following:

- Time spent transporting Materials or supplies between a facility that is deemed part of the Site of Work and the actual construction site.
- Time spent transporting a portion(s) of the building or Work between a site established specifically for the performance of the Contract or Project where a significant portion of such building or Work is constructed and the physical place(s) where the building or Work called for in the Contract(s) will remain.

- All time spent on the Site of the Work for performing Work other than truck driving (mechanic, laborer, etc.).
- Projects subject to Davis-Bacon prevailing wage rates when:
    - Time spent on the Site of the Work loading and/or unloading Materials and supplies if such time is more than *de minimis* (15 minutes). This includes time spent waiting to load or unload, but not recognized as lunch or other rest breaks. For the purpose of entitlement to prevailing wages, each trip stands alone and multiple trips on the same Day are not combined (for example, 6 10-minute trips would not entitle the driver to 60 minutes of prevailing wages).
- For Projects subject to BOLI prevailing wage rates when:
    - Time spent on the Site of the Work loading and/or unloading Materials and supplies if such time equals 20% or more of the work week. This includes time spent waiting to load or unload, but not recognized as lunch or other rest breaks.

(c) Non-Owner/Operators of trucks (Commercial Suppliers) *are not* entitled to prevailing wages for the following:

- Time spent driving off the Site of the Work, such as at a commercial supply facility.
- Time spent driving between a Davis-Bacon job and a commercial supply facility while off the Site of the Work.
- All Projects subject to prevailing wage rates when:
    - *De minimis* time spent on the Site of the Work, such as less than 15 minutes spent on the Site of the Work merely to pick up or drop off Materials or supplies.
- Time spent driving between prevailing wage rate Projects, or between prevailing wage Projects and private Projects. (Truck drivers may be paid an agreed rate of pay for such activities).

19-10 SITE OF THE WORK

Site of the Work is limited to the physical place or places where the construction called for in the Contract will remain when Work on it has been completed, and other adjacent or nearby property used by the Contractor or Subcontractor in such construction which can reasonably be said to be dedicated to the Project and included in the Site of the Work.

For Projects subject to both State and federal PWR laws, BOLI will follow federal definition [29 CFR subtitle A, part 5.2(l)(1-3)] for the term “Site of the Work” and for determining when prevailing wages are due to delivery personnel.

For Projects subject to State prevailing wage rate laws, the term “Site of the Work” is defined in OAR 839-025-0004(25).

For guidance and determinations relating to “Site of the Work” and Material delivery personnel contact ODOT’s LCO for assistance.