



**General**  
Construction Inspector  
2016-2017

### Housekeeping Items

- Restrooms
- Scheduled breaks
- Refreshments provided
- Lunch is on your own
- Turn cell phone ringers off



### Training Breakdown

- **Monday** – Welcome; Standard Specifications and Specials Provisions
- **Tuesday** – Standard Specifications and Plans
- **Wednesday** – Contract Plans; NTMAG, QPL, MFTP, Construction Materials
- **Thursday** – Contract Administration Overview; Labor Compliance; Office of Civil Rights;
- **Friday AM** – Overview and Exam.



### Re-certification Breakdown

- **Tuesday** – Specification 100's through 1000's (no 500's), Plans, Specials Provisions
- **Wednesday AM**–Construction Administration, Labor Compliance; Civil Rights; Dailies; Changer Orders; Claims
- **Wednesday PM** - Overview and Exam



### Inspection Certification Program

Who is required to be certified?

- All inspectors
- Program makes allowances for non-certified personnel



## Inspection Certification Program

### Certification Process

- Pass an examination
- Training available, but not required
- See Section 1 in Resource Manual



[http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/pages/inspector\\_cert.aspx](http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/pages/inspector_cert.aspx)



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## Certification Exam

- Exam on Friday
- Open book
- Maximum 4 hours
- 80% passing  
Separate scoring for Plans and Specs  
and General Resources sections
- Results in ~2 weeks
- Sign up sheet  
Where to send results



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### Inspection Certification Program Certifications – 5-year duration unless noted

- Bridge Construction Inspector
- Drilled Shaft
- Environmental/Erosion Control
- General Inspector
- HMAC
- Traffic Control Supervisor (3-year)
- Traffic Signal Inspector (3-year)



### Resources Used during Training

- 2015 Standard Specifications (Student)
- Calculator (Student)
- General Construction Inspector Workbook (Student)
- I-5: Exit 61 (Louse Creek) Interchange Improvements Plans & Special Provisions (Classroom)
- Resource Manual (Classroom)
  - Manual of Field Test Procedures (Select Sections)
  - March 2015 Non-Field Tested Materials Guide
  - January 2015 Qualified Products List
  - Construction Manual (Select Chapters)

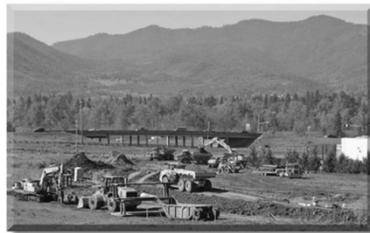


### Resources Used during Training

The collage features three main items: 1) The cover of the 'Oregon Standard Specifications for Construction 2015' manual, published by APWA. 2) A technical drawing titled 'DEPARTMENT OF TRANSPORTATION PLANS FOR THE IMPROVED PROJECT GRADING, PAVING, SIGNALS I-5: EXIT 61 (LOUSE CREEK) INTERCHANGE IMPROVEMENTS PACIFIC HIGHWAY JOSEPHINE COUNTY FEBRUARY 2015'. The drawing includes a map of the project area with stationing: 'BEGINNING OF PROJECT NHPP-5001(456) STA. "A" 32+95.00 (M.P. 61.56)', 'BEGINNING OF PROJECT NHPP-5001(456) STA. "C" 0+00.41 (M.P. 0.03)', and 'END OF PROJECT NHPP-5001(456) STA. "D" 59+00.00 (M.P. 61.34)'. 3) A 'CONTRACT AND BONDS FOR HIGHWAY CONSTRUCTION' form from the Oregon Department of Transportation, Salem, Oregon, for project '1-6 EXIT #1 (LOUSE CREEK) INTERCHANGE IMPROVEMENTS' in Josephine County.

**QA** Inspection Quality Assurance Program

## General Inspector Resource Manual



ANNUAL OF FIELD TEST PROCEDURES

Section 4D from Manual of Field Test Procedures (MFTP)

NON-FIELD TESTED MATERIALS ACCEPTANCE GUIDE

Non-Field Tested Materials Acceptance Guide (NTMAG)

QUALIFIED PRODUCTS LIST

Qualified Products List (QPL)

CONSTRUCTION MANUAL

Chapters 12, 12G, 19 from Construction Manual

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**Training Manual**

QA ODOT MATERIALS & INSPECTION

General Construction Inspector Training Manual

2016-2017

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### Training Objectives

- Define inspectors roles, responsibilities and authority.
- Identify contract documents and resources and how to use them.
- Explain project documentation requirements.
- Provide an overview of key inspection elements and materials.
- Provide individuals with the basic tools and knowledge to become productive and successful certified inspectors.



Ask questions!

Don't try to memorize!

