

Unit 3

00100
General Conditions



Unit 3 Topics:

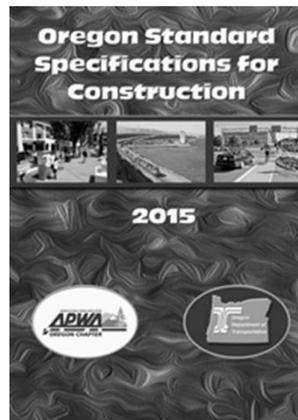
- Basic ODOT construction terminology
- Inspector project authority and legal requirements
- Order of document precedence
- General quality of materials and workmanship requirements
- Basics for measurement of quantity



00100 – General Conditions

General Contract Conditions (Agency and Contractor)

- Legalities
- Responsibilities
- Documentation requirements
- Disagreements and claims



00100 – General Conditions

- Organization (110)
- Scope of Work (140)
- Control of Work (150)
- Source of Material (160)
- Quality of Material (165)
- Prosecution and Progress (180)
- Measurement of Pay Quantity (190)
- Payment (195)



Definitions

- First notification
- Second notification
- Third notification



00140 – Contractor Obligations

Contractor shall perform all Work determined by the Engineer to be necessary to complete the project





Notification of Commencement and Completion Dates for Contract Projects

I-5; Exit 61 (Louse Creek) Interchange Improvements	16062	C14785
Project Name (Section)	Key No.	Contract No.
Pacific	Josephine	CON03704
Highway	County	EA No.
JRT Construction, LLC	NHPP-S001(456)	
Contractor	Federal Aid No.	
Ted A. Paselk, PE	<i>T. Paselk</i>	
Project Manager	Project Manager Signature	Date

First Notification

4/20/2015 Enter date on which the erection of a sign or plant, the development of aggregate sources, or the performance of a contract construction operation began.
Date

Second Notification

Instructions: If applicable, list each completion date as listed in the Special Provisions under 00180.50(h). Use the Add Another button to add lines for additional completion dates. Issue a separate Second Note for each interim completion date and then issue a final Second Note once all of the work has been completed. If the completion date(s) have been modified by Contract Change Order, attach a copy of Page 1 of the CCO showing the modified date. If the completion date(s) are time counts or liquidated damages are being assessed to the project, attach a copy of the final Weekly Statement of Time Charges to the Second Note.

	Specified Completion from Section 00180.50(h)	Date Changed by CCO	CCO No.	Days Charged Beyond Specified Completion	Date(s) the Work Was Completed and the Time Charges Stopped	
1	September 9, 2015	<input checked="" type="checkbox"/>	6	0	September 3, 2015	X
2	October 20, 2015 (CCO 9)	<input checked="" type="checkbox"/>	9	0	October 20, 2015 RESCINDED	X

All Claims for Additional Compensation Must Be Submitted By: <small>(See subsection 00199.30 of the contract provisions for additional requirements)</small>	December 10, 2015
---	-------------------

Known items necessary to complete the requirements for "Third Notification" are:

Second Notification is hereby RESCINDED for completion of compensable slope repair work. CCO 10 is pending that will address compensation for required slope repair work and Contract Time required for completion of the work.

Third Notification

Enter the date on which all contract work was completed including corrective work, equipment and plant removal, site cleanup, and Project Manager's receipt of all certifications, bills and other documents required under the contract.
Date

For more information regarding time, refer to [Chapter 13, Contract Time of the Construction Manual](#).

Distribution

Hard Copy:

- Original to Construction
- Prime Contractor

Electronic Copy:

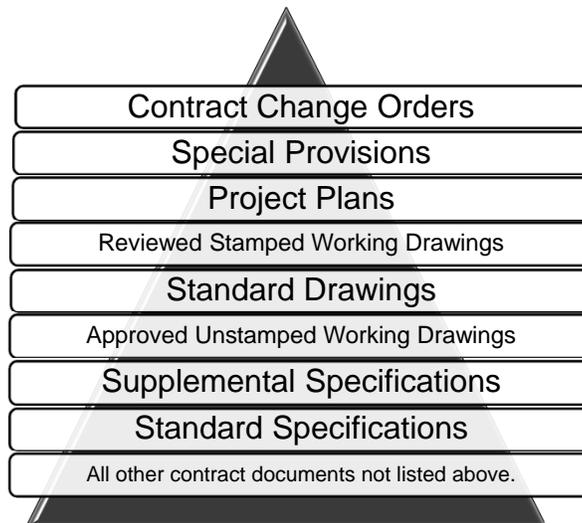
- District Manager
- Region Assurance Specialist
- Region Survey Manager
- Office of Civil Rights
- Region Right of Way Manager
- ODOT Contract Services

00150 – Control of Work

- **Engineer**
Full authority over Work
- **Project Manager (PM)**
Authority to administer the contract
- **Inspector**
Delegated authority from PM



00150.10(a) – Order of Precedence



00150.20 – Inspection

- Right to inspect
- Allowed access
- Work not meeting specifications may be rejected



00150.40 – Superintendent

- Project communication should be directed to the superintendent including subcontractor work
- Superintendent should be present for all on-site work



**00160 – Source of Materials and
00165 – Quality of Materials**

- Contractor must notify Engineer of sources
- No material incorporated without acceptable quality documentation



00180 – Prosecution and Progress

- Prime Contractor shall direct and coordinate all work
- Signed contracts before subcontractors may work



00180.50 – Contract Time

- Contract completion date
- Second Notification issued at end of contract work
- Liquidated damages



00190 – Measurement of Pay Quantities

- **Measurement Guidelines**
Engineer's decision is final
- **Lump Sum Bid Items**
Lump sum breakdowns



00190 – Measurement of Pay Quantities

▪ Weigh Memos

- From certified scales
- Random check weights



Hardrock Aggregate

Ticket No.: **28014574**

Date: 7/6/2015 Time: 6:17:30AM
 Vehicle: KN1522TP KNIFE RIVER TRUCK & F
 Customer: 482039 SCARSELLA BROTHERS INC
 Order: 27989 EDDYVILLE PHASE 3 EAST SIDE

	Pounds	Tons	Metric
Gross	102300	51.15	45.40
Tare	38040	19.02	17.25
Net	64260	32.13	29.15

P.O. :
 Product: 24996006 6" SPECIAL ROCK **32.13 Ton**
 PH3-US20 PME UPRR- Eddyville
 Corvallis - Newport Hwy 47V-039
 Lincoln Co C14670 CON03608
 NHPP-S033(049) K18327
 BI ⁴/_U Note Est Date
 Revenvew

Ordered		
Remaining		
Today	32.13	Loads: 1

Weighmaster: Ashley Scheer

All the owner or contractor for this job, hereby sees and hold harmless from any and all liability Knife River or their other as a result of the Knife River tonnage being shown herein properly or otherwise. I also accept full responsibility for any property damage or any personal damage to Knife River which may occur during this job. I further agree to pay any towing or stand, charges.

OFFICE COPY



I-5: Exit 61 (Louse Creek) Interchange Improvements
 SCHEDULE OF L.S. VALUES

ITEM	DESCRIPTION	TOTAL	
------	-------------	-------	--

SECTION 0001 TEMPORARY FEATURES AND APPURTENANCES

0010 MOBILIZATION		\$160,000.00	
	50% of the amount for mobilization when 5% is earned	\$80,000.00	50.00%
	100% of the amount for mobilization when 10% is earned	\$80,000.00	50.00%

0020 TP&DT		\$25,000.00	
	April 20th to April 30th	\$2,125.00	8.50%
	May 1st to May 31st	\$4,150.00	16.60%
	June 1st to June 30th	\$4,150.00	16.60%
	July 1st to July 31st	\$4,150.00	16.60%
	August 1st to August 31st	\$4,150.00	16.60%
	September 1st to September 30th	\$4,150.00	16.60%
	October 1st to October 10th	\$2,125.00	8.50%

0150 EROSION CONTROL		\$1,000.00	
	Erosion Control Plan	\$250.00	25%
	When 50% of the original contract amount is earned	\$250.00	25%
	When 75% of the original contract amount is earned	\$250.00	25%
	Project completion	\$250.00	25%

0210 POLLUTION CONTROL PLAN		\$1,000.00	
	100% Following Approval	\$1,000.00	100.00%

SECTION 0002 ROADWORK

0220 CONSTRUCTION SURVEY WORK		\$25,000.00	
--------------------------------------	--	--------------------	--

7 Months/\$25,000.00 = 3571.43 per month

RECEIVED
 Office of Project Manager
 Crew 3830

APR 13 2015

PM APM CASL CS INS CC
 ACTION REQUIRED
 BY: _____

April	\$2,125.00	8.50%
May	\$4,150.00	16.60%
June	\$4,150.00	16.60%
July	\$4,150.00	16.60%
August	\$4,150.00	16.60%
September	\$4,150.00	16.60%
October	\$2,125.00	8.50%

0230	REMOVAL OF STRUCTURES AND OBSTRUCTIONS		\$6,000.00	
	Removal of Guardrail	\$2000.00/812.5LF = \$2.46/LF	\$2,000.00	33.33%
		Remove Inlets/Catch Basins	\$2,000.00	33.33%
		Remove 18" conc pipe	\$2,000.00	33.33%
0430	RECONDITIONING EXISTING ROADWAY		\$1.00	
		100% Upon Reconditioning	\$1.00	100.00%
SECTION 0013 PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS				
0640	REMOVE EXISTING SIGNS		\$3,400.00	
		27 EA - \$3,400/27 equals \$125.93 each	\$3,400.00	100.00%
0650	REMOVE AND REINSTALL EXISTING SIGNS		\$90.00	
		50% upon removal	\$45.00	50.00%
		50% upon installation	\$45.00	50.00%
0670	SIGN SUPPORT FOOTINGS		\$3,000.00	
		3 EA - \$3,000/3 equals \$1,000.00 each	\$3,000.00	100.00%
0680	SIGNAL POLE MOUNTS		\$5,500.00	
		6 EA - \$5,500/6 equals \$916.67 each	\$5,500.00	100.00%
0690	SECONDARY SIGN MOUNTS		\$1,000.00	
		12 EA - \$1,000.00/12 equals \$83.33 each	\$1,000.00	100.00%
0700	TRIANGULAR BASE BREAKAWAY SIGN SUPPORTS		\$7,000.00	
		3 EA - \$7,000.00/3 equals 2,333.33 each	\$7,000.00	100.00%
0800	TRAFFIC SIGNAL INSTALLATION - I5 NB OFF RAMP AT MERI		\$189,000.00	
		Underground	\$22,680.00	12.00%
		Wiring	\$41,580.00	22.00%
		Signal Erection	\$124,740.00	66.00%

0810 TRAFFIC SIGNAL MODIFICATION - MERLIN RD AT MONUME		\$48,900.00	
	Underground	\$10,000.00	20.00%
	Wiring	\$19,800.00	40.50%
	Signal Erection	\$19,100.00	39.50%
0820 DETECTOR INSTALLATION		\$2,820.00	
	Upon completion	\$2,820.00	100.00%

SECTION 0014 RIGHT-OF-WAY DEVELOPMENT AND CONTROL

0830 BIORETENTION POND, D00424		\$49,000.00	
	Excavation/Embankment	\$4,900.00	10.00%
	Install 6" Subsurface Drain Pipe	\$1,470.00	3.00%
	Install 12" Storm Sewer Pipe	\$3,675.00	7.50%
	Install Manhole, Modified	\$7,350.00	15.00%
	Install Typd D Inlets	\$5,880.00	12.00%
	Water Quality Mixture/Plugs/Pavers/Landscape items	\$25,725.00	52.50%
0840 WATER QUALITY SWALE, D00424		\$12,000.00	
	Excavation	\$2,000.00	16.70%
	Water Quality Mixture/Plugs/Pavers/Spreader Board/Landscape	\$100.00	83.30%

00195 – Payment

- **Payments**
Constitutes full compensation
- **Progress Payments**
Monthly
- **Retainage Release**



00196, 00197, 00199

- Extra Work
- Change Order (CCO)
- Force Account Work



Key Inspection Points

- Know your level of delegated authority
- Check the schedule (3-week look ahead)
- Be proactive, anticipate problems
- Point out early to Contractor and PM non-specification materials and workmanship
- Be professional
- Know your resources and contacts



Unit 3 Review:

- ✓Basic ODOT construction terminology
- ✓Inspector project authority and legal requirements
- ✓Order of document precedence
- ✓Quality of materials and workmanship requirements
- ✓Basics for measurement of quantity

