

WIDOW THIN TIMBER SALE  
RECONSTRUCTION OF SPECIFIED ROADS

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**WIDOW THIN TIMBER SALE**

**RECONSTRUCTION COSTS**

**Road Reconstruction Total Estimated Costs**

FSR Number

1861

Estimated Costs

\$82,243.72

**C5.213# Reconstruction Engineering Deposits**

\$12,461.00

**TOTAL RECON \$**

**\$94,704.72**

**Public Works Costs - \$92,334.33**

## SCHEDULE OF ITEMS

### WIDOW THIN TIMBER SALE

Hebo Ranger District  
Siuslaw National Forest  
Lincoln County

### RECONSTRUCTION OF FS ROAD 1861

2.63 MILES

ITEM NO.	DESCRIPTION	PAY UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
15101	Mobilization	Lump Sum	ALL	\$4,655.00	\$4,655.00
23051	Roadside brushing, disposal method 1	Mile	2.63	\$983.05	\$2,585.42
30359	Roadway reconditioning, compaction E	Mile	2.63	\$776.92	\$2,043.30
32203C	Aggregate base, grading C, compaction method B	Cubic Yard*	1600	\$45.60	\$72,960.00
				Total	\$82,243.72

Payment will be made on actual work performed as described in FP-03 109.01 unless otherwise denoted.

\* Designates Contract Quantities

UNITED STATES DEPARTMENT OF AGRICULTURE  
 FOREST SERVICE - REGION SIX  
*SIUSLAW NATIONAL FOREST*  
*HEBO RANGER DISTRICT*  
*LINCOLN COUNTY*



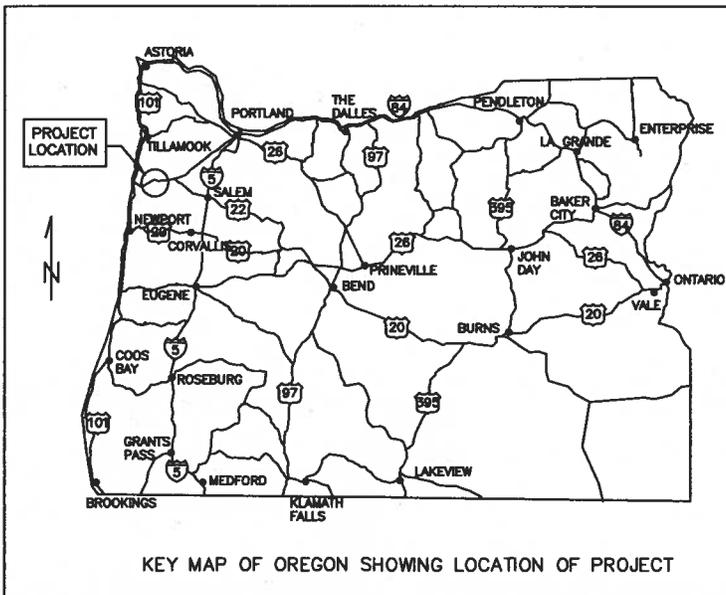
PLANS FOR PROPOSED

***WIDOW THIN TIMBER SALE***  
 ROADS

ROAD NO. 1861 FROM/TO WIDOW CREEK CO. RD./1861113 LENGTH (MILES) 2.63 TYPE OF WORK Reconstruction

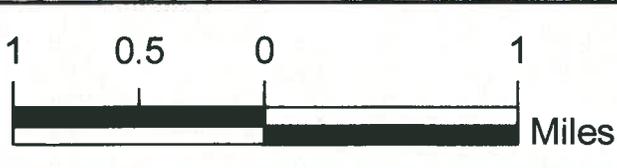
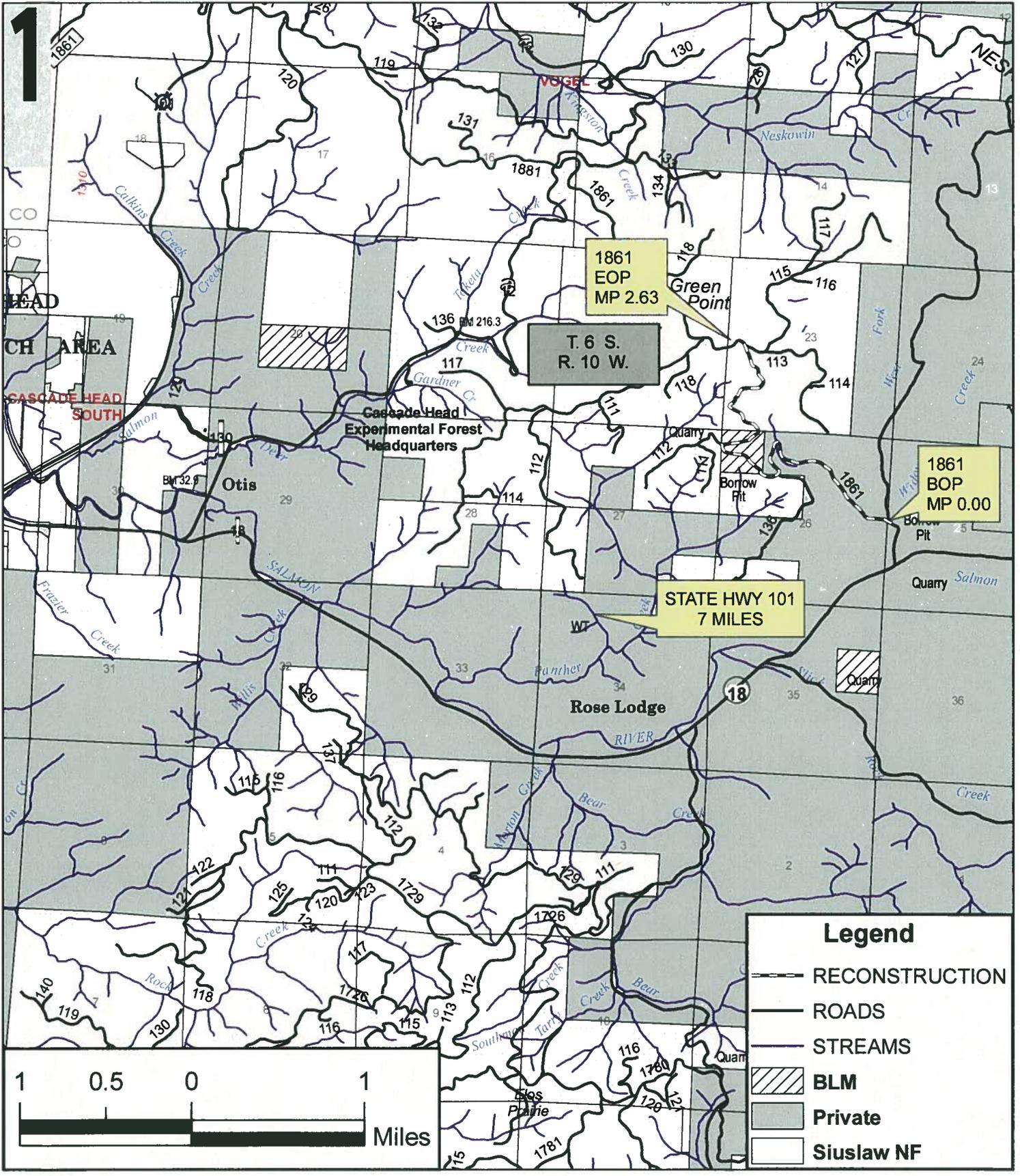
INDEX TO SHEETS

NO.	DESCRIPTION
1	TITLE SHEET
2	VICINITY MAP
3	ESTIMATE OF QUANTITIES/WORK DESCRIPTION
4	ROAD STRUCTURE DETAILS
5	ROADSIDE BRUSHING DETAILS



Designed by	
Designer	Date
Reviewed by:	
Reviewer	Date
Assistant Dev. Engineer	
Assistant Dev. Engineer	Date
Recommended by:	
Zone Engineer	Date
Approved by:	
Line Officer	Date
Forest Engineer	Date

# WIDOW THIN TIMBER SALE VICINITY MAP



<b>Legend</b>	
	RECONSTRUCTION
	ROADS
	STREAMS
	BLM
	Private
	Siuslaw NF

**ESTIMATE OF QUANTITIES**

WIDOW THIN  
TIMBER  
SALE

SHEET  
3

OF  
5

**ROAD NUMBER**

1861

**GENERAL NOTES**

**PROJECT LENGTH (MILES)**

2.63

**ITEM NO.**

**DESCRIPTION**

**UNIT**

**QUANTITIES**

15101

Mobilization

Lump  
Sum

ALL

Includes fire protection, equipment cleaning and traffic control.

23051

Roadside brushing, disposal method 1

Mile

2.63

30359

Roadway reconditioning, compaction E

Mile

2.63

Scarify only potholes and irregular surfaces to 6" maximum depth. Includes all existing turnouts and curve widening. See sheet 4 of 5 for ditch and roadway dimensions. Grubbing and disposal of all vegetation and root masses within the road bed and in the ditch is required. Haul all material from ditch reestablishment and slough and slide removal to designated disposal areas.

32203C

Aggregate base, grading C, compaction method B

Cubic  
Yard\*

1600

Commercial Source/In-Place Compacted Quantities.

**REMARKS:**

1) Disposal Areas : 6' Maximum height of material, 1V:2H slopes, shape to drain. Disposal area locations are M.P. 1.8, 2.85, 3.21 and 3.44. Each will be flagged by the Contracting Officer prior to any material placement.

3) See timber sale provisions and specifications for daily and seasonal restrictions.

2) Payment will be made on actual work performed as described in FP-03 109.01 unless otherwise noted.

4) \* Denotes Contract Quantities

**DESCRIPTION OF WORK:**

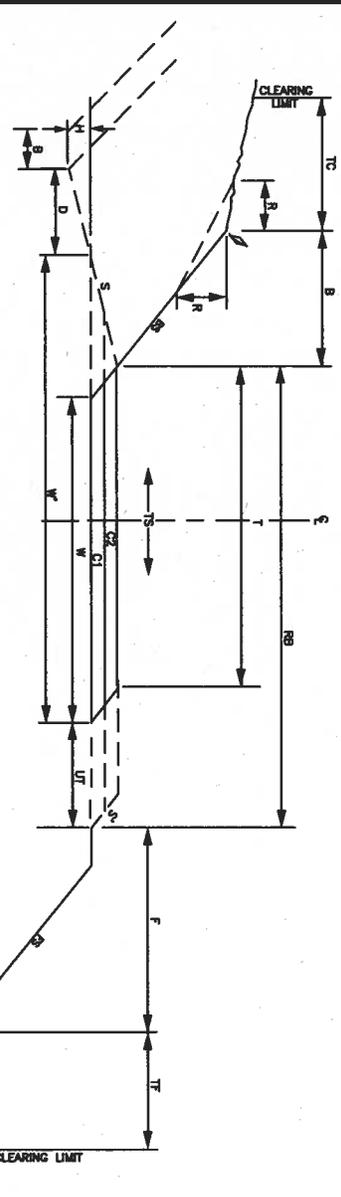
MP 0.00 - BOP Begin Roadside brushing, Roadway reconditioning and layer placement of 4" compacted Aggregate base, grading C.

MP 1.30 - Reference : Gate / End layer placement of 4" compacted Aggregate base, grading C.

MP 2.63 - EOP End Roadside Brushing and Roadway Reconditioning.

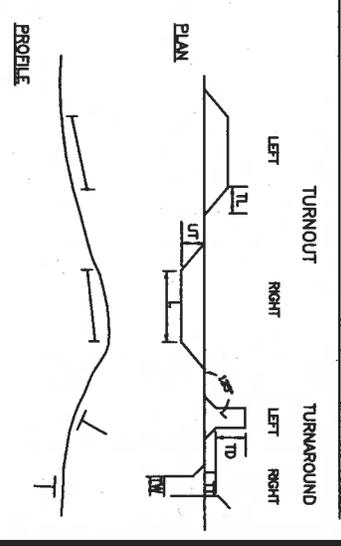
# WIDOW THIN TIMBER SALE ROAD STRUCTURE DETAILS

## TURNOUT AND TURNAROUND SYMBOLS



CROSS SECTION

ALL DRAWINGS NOT TO SCALE



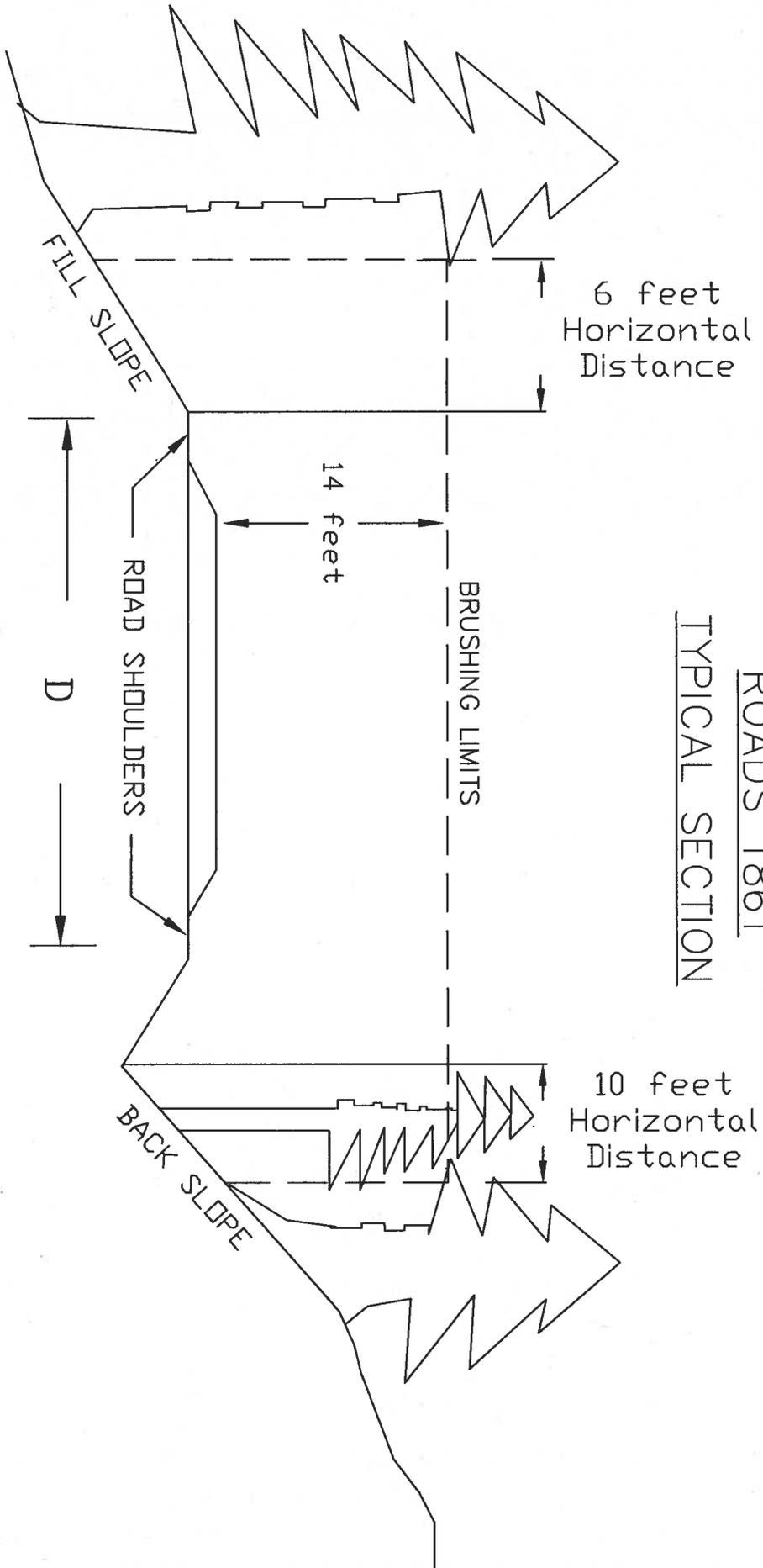
### GENERAL NOTES

ROAD NUMBER	SEGMENT	STATION or MILEPOST TO STATION or MILEPOST	TRAVELED WAY WIDTH FT	GRADING										PAVEMENT STRUCTURE			SHOULDER ROCK								
				CONSTRUCTION TOLERANCE	OUTSLOPE (O) INSLOPE (I) CROWN (C)	ROADBED WIDTH FT	DITCH DIMENSIONS FT		TURNOUT		TURNAROUND		GRADATION		COMPACTED DEPTH IN		SLOPE RATIO		DEPTH IN	SLOPE RATIO	WIDTH IN	GRADATION			
			T	TS	W	B	D	H	UT	TL	L	TT	TW	TD	C1	C2	C1	C2	S	S'	IN		IN		
1861		0.00 1.30	14	C	C-3	15	EX	0	2	1	8	25	50	EX	C				4		1V:2H				
1861		1.30 2.63	14	C	C-3	15	EX	0	2	1	8	25	50	EX	C										

1. COMPACTED DEPTHS OF C1 PERTAIN TO SURFACING ONLY WHERE WORK IS SPECIFIED IN WORK DESCRIPTION. SEE DETAIL SHEETS FOR DEPTHS OF OTHER ROCK REQUIRED.
2. CURVE WIDENING, TURNOUTS AND TURNAROUNDS SURFACE TO THE SAME DEPTH AS THE ROADBED UNLESS OTHERWISE SHOWN ON THE PLANS.
3. EX = MATCH EXISTING DIMENSIONS.
4. MAINTAIN EXISTING SUPER ELEVATION, CROWN AND SLOPE OF ROAD. CREATE SMOOTH TRANSITIONS TO EXISTING ROAD SURFACE AND PRISM.
5. DO NOT UNDERCUT BACKSLOPE WHEN CLEANING AND/OR RECONSTRUCTING DITCHLINES.
6. REMOVE ALL BERMS, EXISTING OR CREATED, TO ALLOW DRAINAGE OF WATER FROM TRAVELED WAY, UNLESS OTHERWISE DESIGNATED TO REMAIN.
7. CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY LOCATES.

WIDOW THIN TIMBER SALE  
ROADSIDE BRUSHING DETAILS

ROADS 1861  
TYPICAL SECTION



Grub stumps within "D" above or as noted on the work descriptions and haul to designated disposal areas.  
Mechanical brushing may require manual limbing and manual scattering of machine cut material beyond the clearing limits.

SHEET	TOTAL
5	SHEETS
	5

**FP- 03 SPECIFICATION LIST FOR WIDOW THIN TS**

**All specifications not included in the specification listing, but referenced by listed specifications, are applicable.**

**The supplements shown on the specification list are physically attached.**

	<u>Title</u>	<u>Revised</u>	<u>1861</u>
<b>Preface</b>	<b>Preface</b>	<b>FP03 &amp; 3/15/2004</b>	<b>X</b>
<b>101</b>	<b>Terms, Format, and Definitions</b>	<b>FP03</b>	<b>X</b>
101 .01	Meaning of Terms	1/22/2009	X
101 .01	Meaning of Terms	1/22/2009	X
101 .03	Abbreviations	6/16/2006	X
101 .04	Definitions	3/29/2007	X
101 .04	Definitions	11/6/2007	X
<b>102</b>	<b>Bid, Award, and Execution of Contract</b>	<b>FP03</b>	<b>X</b>
102	Delete entire section	2/16/2005	X
<b>103</b>	<b>Scope of Work</b>	<b>FP03</b>	<b>X</b>
103	Delete 103.02 through 103.05	2/16/2005	X
<b>104</b>	<b>Control of Work</b>	<b>FP03</b>	<b>X</b>
104 .00	Delete 104.01, 104.02, 104.04	6/16/2006	X
104 .03	Specifications and Drawings	1/22/2009	X
104 .06	Use of Road by Contractor	2/17/2005	X
<b>105</b>	<b>Control of Material</b>	<b>FP03</b>	<b>X</b>
105 .02	Material Sources	3/8/2007	X
105 .02	Material Sources	1/18/2007	X
105 .05	Use of Materials Found in the Work.	5/12/2004	X
<b>106</b>	<b>Acceptance of Work</b>	<b>FP03</b>	<b>X</b>
106 .01	Conformity with Contract Requirements	7/31/2007	X
106 .07	Delete	5/11/2004	X
<b>107</b>	<b>Legal Relations and Responsibility to the Public</b>	<b>FP03</b>	<b>X</b>
107 .05	Responsibility for Damage Claims	5/11/2004	X
107 .06	Contractor's Responsibility for Work	6/16/2006	X
107 .08	Sanitation, Health and Safety	3/29/2005	X
107 .09	Legal Relationship of the Parties	6/16/2006	X
<b>108</b>	<b>Prosecution and Progress</b>	<b>FP03</b>	<b>X</b>
108	Delete entire section	2/16/2005	X
<b>109</b>	<b>Measurement and Payment</b>	<b>FP03</b>	<b>X</b>
109	Deletions 109.06 through 109.09	2/17/2005	X
109 .02	Measurement Terms and Definitions	6/16/2006	X
<b>151</b>	<b>Mobilization</b>	<b>FP03</b>	<b>X</b>
<b>156</b>	<b>Public Traffic</b>	<b>FP03</b>	<b>X</b>
156 .00	Complete Specification	4/17/2007	X
170 .00	Complete Specification - Develop Water Supply and Dewatering	3/26/2007	X
<b>204</b>	<b>Excavation and Embankment</b>	<b>FP03</b>	<b>X</b>
204 .00	Complete Specification	5/28/2008	X
230 .00	Complete Specification - Roadside Brushing	3/31/2010	X
<b>303</b>	<b>Road Reconditioning</b>	<b>FP03</b>	<b>X</b>
303 .01	Work	3/23/2007	X
303 .04	Shoulder Reconditioning	11/26/2008	X
303 .05	Roadbed Reconditioning	3/26/2007	X
303 .10	Measurement	3/26/2007	X
322 .00	Complete Specification - Minor Aggregate Courses	10/24/2007	X
<b>635</b>	<b>Temporary Traffic Control</b>	<b>FP03</b>	<b>X</b>
635 .03	General	5/13/2004	X
<b>703</b>	<b>Aggregate</b>	<b>FP03</b>	<b>X</b>
703 .05	Subbase, Base, & Surface Course and screened Aggregate	8/14/2009	X
703 .06	Flakiness Index and Adherent Coatings	3/2/2005	X