



Oregon

Theodore R. Kulongoski, Governor

Department of Transportation
Technical Services
Roadway Engineering Section
355 Capitol Street NE, Room 222
Salem, OR 97301-3871
Telephone 503-986-3714
FAX 503-986-3749

DATE: October 28, 2009

Addenda No. 3

TO: PLAN HOLDERS

PREPARED BY:


Dan Erpenbach
Washington County Project Manager

APPROVED BY:


John Irwin P.E.
Washington County Traffic Engineer

SUBJECT: Signing and Signals
Flashing Yellow Arrows & Illum. Sign Replacement
Various Streets
Washington County
(Bids to be opened and read November 5, 2009)

The following changes are made to the Project Bid Booklet:

1. COVER PAGE - The date on the Bid Booklet cover page is replaced with November 5, 2009.
2. DESCRIPTION OF WORK page - The first paragraph under TIME AND PLACE OF RECEIVING BIDS is replaced with the following:

Bids for the work described above will be opened and read at the Oregon Department of Transportation, 455 Airport Road SE, Building E, Salem, Oregon, at 9:00 a.m. on the 5th day of November, 2009.

3. The following changes are made to the Project Bid Items:

Quantity changes:

<u>Number</u>	<u>Item</u>	<u>Quantity</u>	
		<u>Original</u>	<u>New</u>
0110	Type II Traffic Signal Approach	82	66
0120	Type III Traffic Signal Approach	30	46

Make a copy of and use the new attached Bid Sheets. A Bid **not** including these new Bid Sheets **will be rejected as non-responsive**.

The following changes are made to the Project Special Provisions:

1. COVER PAGE - The date on the Special Provisions cover page is replaced with November 5, 2009.
2. DESCRIPTION OF WORK page - The paragraph under TIME AND PLACE OF RECEIVING BIDS is replaced with the following:

Bids for the work described above will be opened and read at the Oregon Department of Transportation, 455 Airport Road SE, Bldg. E, Salem, Oregon 97301-5348, at 9:00 a.m. on the 5th day of November, 2009.

3. Subsection 00120.05 Request for Solicitation Documents – In the plan heading, replace “October 2009” with “November 2009”

The following changes are made to the Project Plans:

1. Plan sheets 1, 1A and 2 through 8 are replaced with revised plan sheets 1, 1A and 2 through 8.

These changes will be included in the Contract for this Project. It is understood that your Bid will be submitted accordingly.

Make copies of the new Bid Sheets to replace the Special Provisions Bid Schedule Sheets.

Jl:DE

Attachments: Revised Bid Sheets
Revised Plan Sheet

BID SCHEDULE

CONTRACT ID: 14131

PROJECT: FLASHING YELLOW ARROWS & ILLUM
SIGN REPLACEMENT

PROJECT KEY: 16462

ADDENDUM NUMBER: 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
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SECTION 0001 TEMPORARY FEATURES AND APPURTENANCES

0010	0210-0100000A MOBILIZATION	LS	ALL	
0020	0225-0100000A TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS	ALL	
0030	0225-0102000J TEMPORARY SIGNS	SQFT	134.00	
0040	0225-0168000T FLAGGERS	HOUR	120.00	
0050	0280-0100000A EROSION CONTROL	LS	ALL	
0060	0290-0100000A POLLUTION CONTROL PLAN	LS	ALL	

SECTION 0002 PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS

0070	0905-0100000A REMOVE EXISTING SIGNS	LS	ALL	
0080	0940-0130000J TYPE "W7" SIGNS IN PLACE	SQFT	1,065.00	
0090	0950-9Z90000E REMOVE EXISTING VEHICLE SIGNAL	EACH	132.00	
0100	0990-9Z90000E TYPE I TRAFFIC SIGNAL APPROACH	EACH	238.00	
0110	0990-9Z90000E TYPE II TRAFFIC SIGNAL APPROACH	EACH	66.00	

BID SCHEDULE

CONTRACT ID: 14131

PROJECT: FLASHING YELLOW ARROWS & ILLUM
SIGN REPLACEMENT

PROJECT KEY: 16462

ADDENDUM NUMBER: 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0120	0990-9Z90000E TYPE III TRAFFIC SIGNAL APPROACH	46.00 EACH		
0130	0990-9Z90000E TYPE IV TRAFFIC SIGNAL APPROACH	22.00 EACH		
	TOTAL BID			

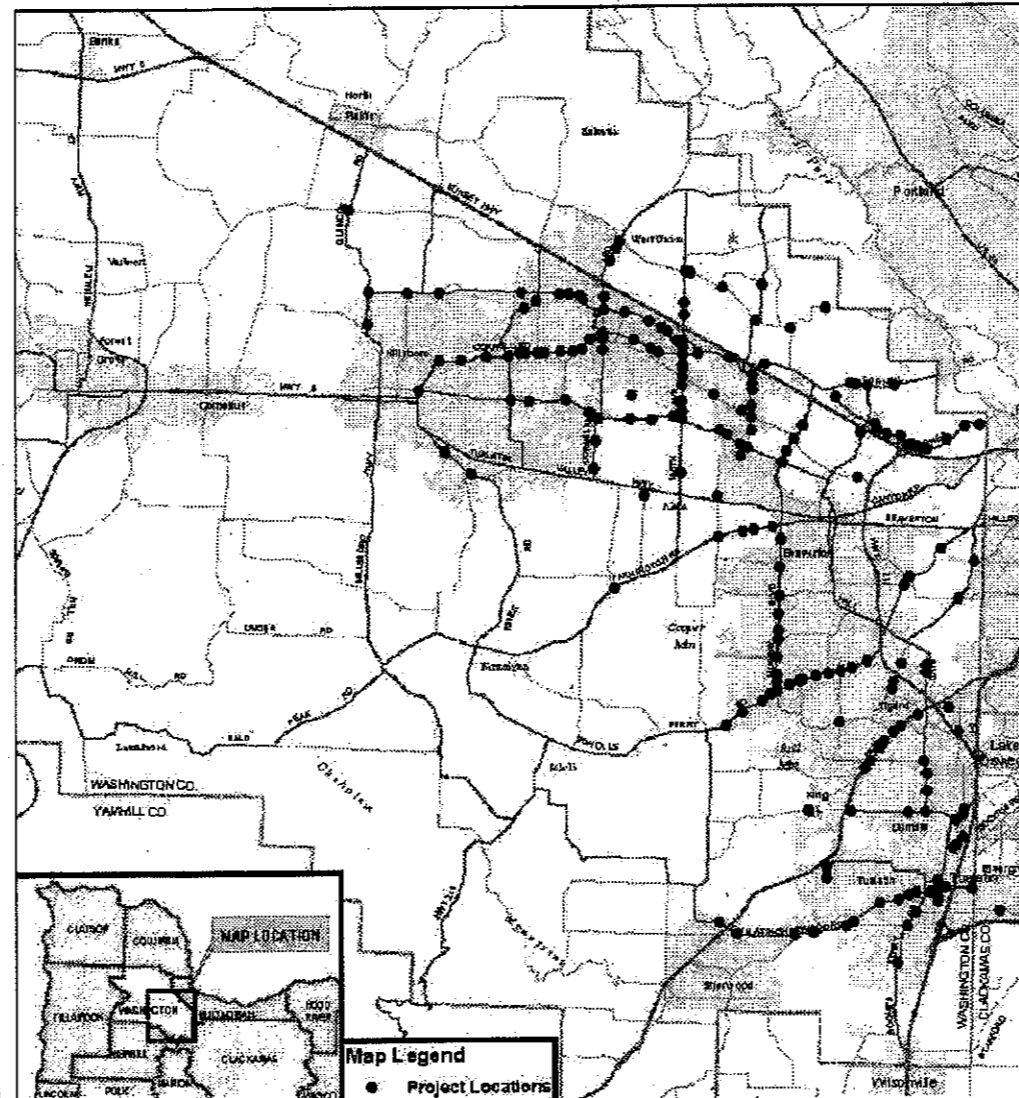
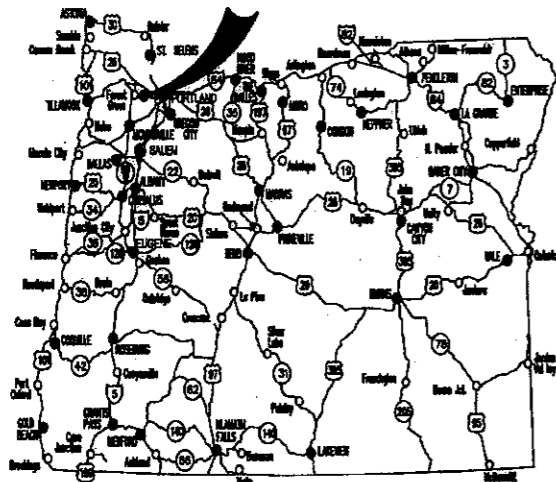
INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	Title Sheet
1A	Index of Sheets, List of Standard Drawings (Continued on Sheet 1A)

STATE OF OREGON
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED PROJECT
SIGNING & SIGNALS
FLASHING YELLOW ARROWS &
ILLUM. SIGN REPLACEMENT
VARIOUS STREETS
WASHINGTON COUNTY
NOVEMBER 2009

ATTENTION

Oregon Law Requires You To Follow Rules Adopted By The Oregon Utility Notification Center. Those Rules Are Set Forth In OAR 652-001-0010 Through OAR 652-001-0060. You May Obtain Copies Of The Rules From The Center. The Telephone Number For The Oregon Utility Center Is (800) 232-1867.




SEC. 8, T. 1 S., R. 2 W., W. M.




PUTTING
OREGON
BACK TO WORK

REVISION	DATE	BY
DATE CHANGE	10/28/09	RR

PLANS PREPARED FOR ODOT BY:


 DEPARTMENT OF
 LAND USE &
 TRANSPORTATION
 ENGINEERING

FLASHING YELLOW ARROWS & ILLUM. SIGN REPLACEMENT VARIOUS STREETS WASHINGTON COUNTY		
FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON	X-STP-C067(073)	1

OREGON TRANSPORTATION COMMISSION

- Gail Achterman Chair
- Michael Nelson Vice Chair
- Janice Wilson Commissioner
- Alan Brown Commissioner
- David Lohman Commissioner
- Matthew L. Garrett Director Of Transportation

These plans were developed using AASHTO design standards. Exceptions to these standards, if any, have been submitted and approved by the ODOT Chief Engineer or their delegated authority.

By: Daniel J. Erpenbach 10/30/09
Signature & date

Daniel J. Erpenbach - Project Manager, Washington County
Print name and title

[Signature]
Concurrence by ODOT Chief Engineer



BY	DATE
DRWN RR	8/09
DSGN RR	8/09
CHKD DE	9/09

FLASHING YELLOW ARROWS & ILLUM. SIGN REPLACEMENT VARIOUS STREETS

WASHINGTON COUNTY
NOVEMBER 2009

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
2	TABLE 1 - Tualatin-Sherwood Road & Cornell Road
3	TABLE 1 - Schools Ferry Road, Murray Boulevard & Cornelius Pass Road
4	TABLE 1 - Baseline Road, Walker Road & Evergreen Parkway
5	TABLE 1 - Barnes Road, 185th Avenue, 158th Avenue & Oleson Road/Greenburg Road
6	TABLE 1 - West Union Road, Farmington Road, Isolated Locations and City of Tualatin
7	TABLE 1 - City of Tigard & ODOT/Tigard
8	Detail - Common Overhead Signs
15092	For Information Only, As-Built Portland Area Signal Replacement Project Plans
15094	For Information Only, As-Built Portland Area Signal Replacement Project Plans
15095	For Information Only, As-Built Portland Area Signal Replacement Project Plans
15096	For Information Only, As-Built Portland Area Signal Replacement Project Plans

ODOT Standard Drawing Reference

- TM460 - Vehicle Signal Details
- TM462 - Adjustable Signal Head Mounting Details
- TM463 - Spanwire Mounting Details
- TM465 - Overhead Sign, Fire Preemption, & Photoelectric Control Details
- TM470 - Color Code Chart
- TM800 - TCP Tables, Abrupt Edge, and PCMS Details
- TM841 - TCP Intersection Work Zone Details
- TM842 - TCP Signalized Intersections Details
- TM843 - TCP Multi-Lane Signalized Intersections Details

BY	DATE
DRWN RR	8/09
DSGN RR	8/09
CHKD DE	9/09

**FLASHING YELLOW ARROWS &
ILLUM. SIGN REPLACEMENT
VARIOUS STREETS
WASHINGTON COUNTY**

	REVISION	DATE	BY	FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
	DATE CHANGE	10/28/09	RR	OREGON	X-STP-C067(073)	1A

FLASHING YELLOW ARROWS & ILLUM. SIGN REPLACEMENT VARIOUS STREETS

WASHINGTON COUNTY
NOVEMBER 2009

TRAFFIC SIGNAL - FLASHING YELLOW ARROWS												ILLUMINATED SIGN REPLACEMENT										
MAJOR ST	CROSS ST	Cab #	Mtg	REMOVE		INSTALL						Existing Sign	INSTALL									
				Existing Signal	Flagging Required	Wiring To	Approach Type	Vehicle Signal Type 3X	Vehicle Signal Type 2	LED Arrow	Bimodal Arrow		5R RT ARW ONLY	5L LT ARW ONLY	5T T ARW ONLY	4R T/R ARW	4L T/L ARW	10 (LTYTOT)	11 (LTYOG)	9 (R,L,T ARW)	RTS RIGHT TURN SIG	LTS LEFT TURN SIG
WEST UNION												WEST UNION										
WEST UNION	ALBERTSONS	350	MA			TERM CAB	I															
WEST UNION	LAIDLAW	342	MA			CONT CAB	I															
WEST UNION	BETHANY	226	SPAN			CONT CAB	I															
WEST UNION	143RD	255	MA			TERM CAB	I															
FARMINGTON ROAD												FARMINGTON ROAD										
FARMINGTON RD	209TH	407	MA		YES	TERM CAB	I															
FARMINGTON RD	170TH	316	SPAN	2	DH	CONT CAB	IV	2	2													
FARMINGTON RD	160TH	315	MA			TERM CAB	I															
FARMINGTON RD	156TH	329	MA			TERM CAB	I															
FARMINGTON RD	149TH	314	MA			TERM CAB	I															
ISOLATED LOCATIONS												ISOLATED LOCATIONS										
198TH AVE	SHAW ST	275	MA			TERM CAB	I															
170TH	ALEXANDER	387	MA			TERM CAB	I															
205TH AVE	QUATAMA RD	449	MA			TERM CAB	I															
BETHANY BLVD	CENTRAL DR	428	MA			TERM CAB	I															
BROOKWOOD PW	DAWSON CR	322	MA	4	PVS	TERM CAB	II	4		4												
BROOKWOOD PW	SHUTE	323	MA	3	PVS	TERM CAB	II	3		3												
CEDAR HILLS BL	BUTNER	115	SPAN	2	PVS	TERM CAB	II	2														
GLENCOE RD	SCOTCH CHURCH	205	MA			NA																
GLENCOE RD	GLENCOE HS	297	MA			TERM CAB	I															
BRIDGEPORT	REI	418	MA			TERM CAB	I															
BRIDGEPORT	HAZEL FERN	417	MA			TERM CAB	I															
NYBERG RD	65TH AVE	389	MA			TERM CAB	I															
BEEF BEND	131ST	464	MA		YES	TERM CAB	I															
SALTZMAN	THOMPSON	399	MA			TERM CAB	I															
RIVER RD	MINTER BR	248	MA	4	PVS	TERM CAB	III	4		2												
RIVER RD	ROOD BR	249	MA	2	PVS	TERM CAB	II	2														
CITY OF TUALATIN												CITY OF TUALATIN										
124TH AVE	LEVETON	339	MA			CONT CAB	I															
124TH AVE	TUALATIN RD	338	MA			TERM CAB	I															
BOONES FERRY	MARTINAZZI	62	MA			TERM CAB	I															
BOONES FERRY	SAGERT	19	SPAN	4	PVS	TERM CAB	III	4		2												
BOONES FERRY	AVERY	25	MA			CONT CAB	I															
BORLAND	56TH	386	MA			TERM CAB	I															
MARTINAZZI	FRED MEYER	243	MA	3	PVS	TERM CAB	III	3		1												
MARTINAZZI	WARMSPRINGS	242	MA	3	PVS	TERM CAB	III	3		1												
BOONES FERRY	IBACH	375	MA			TERM CAB	I															




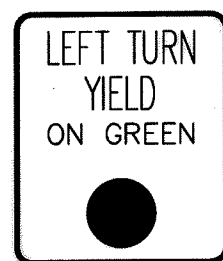
BY	DATE
DRWN RR	8/09
DSGN RR	8/09
CHKD DE	9/09

**FLASHING YELLOW ARROWS &
ILLUM. SIGN REPLACEMENT
VARIOUS STREETS
WASHINGTON COUNTY**

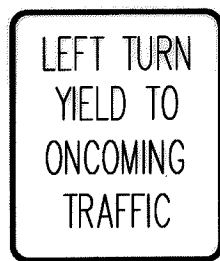
	REVISION	DATE	BY	SHEET NO. 6
	DATE CHANGE	10/28/09	RR	
FEDERAL HIGHWAY ADMINISTRATION		PROJECT NUMBER		OREGON DIVISION
		X-STP-C067(073)		

FLASHING YELLOW ARROWS & ILLUM. SIGN REPLACEMENT VARIOUS STREETS

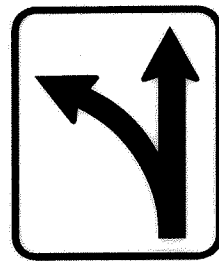
WASHINGTON COUNTY
NOVEMBER 2009 



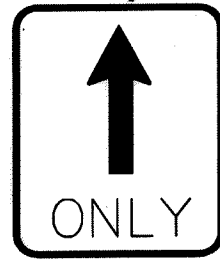
AL
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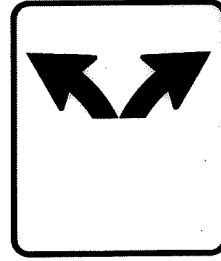
OR17-1
AL
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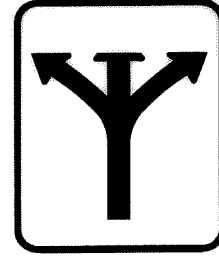
AL AL
4L 4R (Reverse)



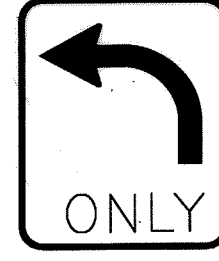
AL
5T



AL
4



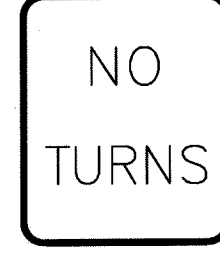
AL
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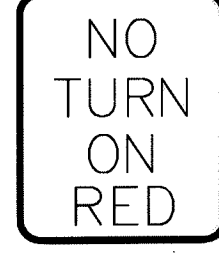
R3-5L AL AL R3-5R
5L 5R (Reverse)



AL
7L R3-7L

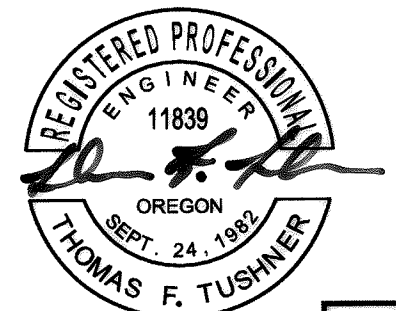


AL
7 R3-3



AL
3



COMMON OVERHEAD SIGNS



RENEWS 6-30-10

	BY	DATE
DRWN	RR	8/09
DSGN	RR	8/09
CHKD	DE	9/09

FLASHING YELLOW ARROWS & ILLUM. SIGN REPLACEMENT VARIOUS STREETS WASHINGTON COUNTY			SHEET NO. 8
FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER		
OREGON DIVISION	X-STP-C067(073)		

REVISION	DATE	BY
		
	10/28/09	RR