



# 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:** February 13, 2009

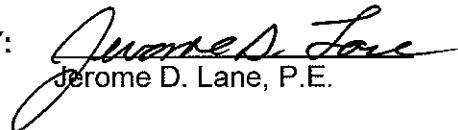
## Addendum No. 2

**TO:** PLAN HOLDERS

**PREPARED BY:**

  
John K. Parsons, P.E.

**APPROVED BY:**

  
Jerome D. Lane, P.E.

**SUBJECT:** US26: N. Plains – 185th Avenue Section  
Sunset Highway  
Washington County  
Grading, Drainage, Structures, Paving, Signing and Signals Project  
(Bids to be opened and read February 19, 2009)

### The following changes are made to the Project Special Provisions:

1. Subsection **00759.42 Foundations** - This subsection is added after subsection **00759.00**:

**00759.42 Foundations** – Add the following:

Place a 4-inch layer of aggregate base beneath concrete islands.

### The following changes are made to the Project Plans:

1. Plan sheets 14B, 29A and 15156 are replaced with revised plan sheets 14B, 29A and 15156.

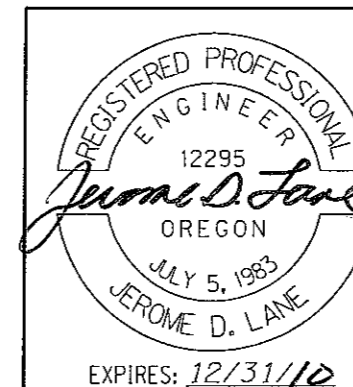
These changes will be included in the Contract for this Project. It is understood that your Bid will be submitted accordingly.

JKP:jkp

Attachments: Revised Plan Sheets

- ① Sta. "LW" 762+03 to Sta. "LW" 764+28, Rt.  
Const. metal median barrier - 125'  
Const. guardrail - 100' (Type 2A)  
Const. anchor (Type 1 mod.)  
Inst. end piece (Type B)  
(For details, see sht. 2B)
- ② Sta. "LW" 760+82 to Sta. "LW" 764+16, Rt.  
Remove inlet - 2  
Remove pipe - 335'
- ③ Sta. "LE" 260+74 to Sta. "LE" 262+99, Lt.  
Const. metal median barrier - 125'  
Const. guardrail - 100' (Type 2A)  
Const. anchor (Type 1 mod.)  
Inst. end piece (Type B)  
(For details, see sht. 2B)
- ④ Sta. "A2" 751+19 to Sta. "A2" 754+57, Lt.  
Remove extg. guardrail - 125'  
Const. guardrail - 287.5' (Type 2A)  
Flare rate=0, W=2', E=0'  
Const. guardrail terminal, non-flared - 50'  
Test level 3  
(For details, see sht. 2B)
- ⑤ Sta. "A2" 756+73 to Sta. "A2" 758+22, Rt.  
Const. guardrail - 150' (Type 2A)  
Const. anchor (Type 1 mod.)  
Inst. end piece (Type B)
- ⑥ Sta. "B2" 762+63 to Sta. "B2" 764+15, Rt.  
Remove extg. guardrail - 87.5'  
Const. guardrail - 100' (Type 2A)  
Flare rate=0, W=2', E=0'  
Const. guardrail terminal, non-flared - 50'  
Test level 3  
(For details, see sht. 2B)
- ⑦ Sta. "B2" 763+05 to Sta. "B2" 769+23, Lt.  
Remove extg. guardrail - 125'  
Const. guardrail - 562.5' (Type 2A)
- ⑧ Sta. "D2" 757+98 to Sta. "D2" 761+19, Lt.  
Remove extg. guardrail - 75'  
Const. guardrail - 287.5' (Type 2A)  
Flare rate=0, W=2', E=0'  
Const. guardrail terminal, non-flared - 50'  
Test level 3  
(For details, see sht. 2B)
- ⑨ Sta. "D2" 757+37 to Sta. "D2" 762+18, Rt.  
Remove extg. guardrail - 125'  
Const. guardrail - 425' (Type 2A)  
Flare rate=0, W=2', E=0'  
Const. guardrail terminal, non-flared - 50'  
Test level 3  
(For details, see sht. 2B)
- ⑩ Sta. "HOX" 94+44 to Sta. "HOX" 94+94, Rt.  
Remove extg. guardrail - 50'  
Flare rate=0, W=2', E=0'  
Const. guardrail terminal, non-flared - 50'  
Test level 3  
(For details, see sht. 2B)
- ⑪ Sta. "HOX" 97+94 to Sta. "HOX" 98+28, Rt.  
Remove extg. guardrail - 31'  
Const. guardrail - 12.5' (Type 3)  
Const. guardrail transition  
(See drg. no. BR207)
- ⑫ Sta. "HOX" 102+33 to Sta. "HOX" 102+67, Lt.  
Remove extg. guardrail - 31'  
Const. guardrail - 12.5' (Type 3)  
Const. guardrail transition  
(See drg. no. BR209)
- ⑬ Const. parallel sidewalk ramp (Option G) - 2  
(For details, see sht. 2B-4)  
(See drg. nos. RD700, RD720, RD755, RD757 & RD759)
- ⑬ Const. type "C" conc. island  
(Cut through design)  
(For details, see sht. 2B-4)  
(See drg. nos. RD705 & RD710)
- ⑮ Remove earth mound  
(For earthwork quantities, see specifications Section 00810)  
(For details, see sht. 2B)
- ⑮ Sta. "HOX" 102+67 to Sta. "C2" 766+12, Lt.  
Replace damaged guardrail (Type 2A)  
Estimated quantity - 50'
- ⑰ Sta. "D2" 762+18 to Sta. "HOX" 105+04, Rt.  
Replace damaged guardrail (Type 2A)  
Estimated quantity - 37.5'
- ⑱ Relocate fiber optic line (By others)
- ⑲ Sta. "LE" 260+74, Lt.  
Const. impact attenuator  
(For details, see sht. 2B-3)
- ⑳ Sta. "LW" 764+28, Rt.  
Const. impact attenuator  
(For details, see sht. 2B-3)
- ㉑ See sht. 11, note 2  
Const. cable median barrier  
Const. cable barrier terminal
- ㉒ Sta. "LE" 262+98 to Sta. "LE" 299+89, Lt.  
Const. cable median barrier - 3690'  
Const. cable barrier terminal

REVISIONS	
①	Revised 1-29-2009 Revised Note
②	Revised 1-29-2009 Added Note
③	Revised 2-09-2009 Revised Note



**OREGON DEPARTMENT OF TRANSPORTATION**

**OBEC CONSULTING ENGINEERS**  
Corporate Office: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6389  
5016 SW MEADOWS ROAD, SUITE 120 LAKE OSWEGO, OREGON 97035-4288  
2225 MISSION STREET SE, SUITE 100 SALEM, OREGON 97302-1226  
891 OYAHRE PARKWAY MEDFORD, OREGON 97504-1025  
www.obec.com

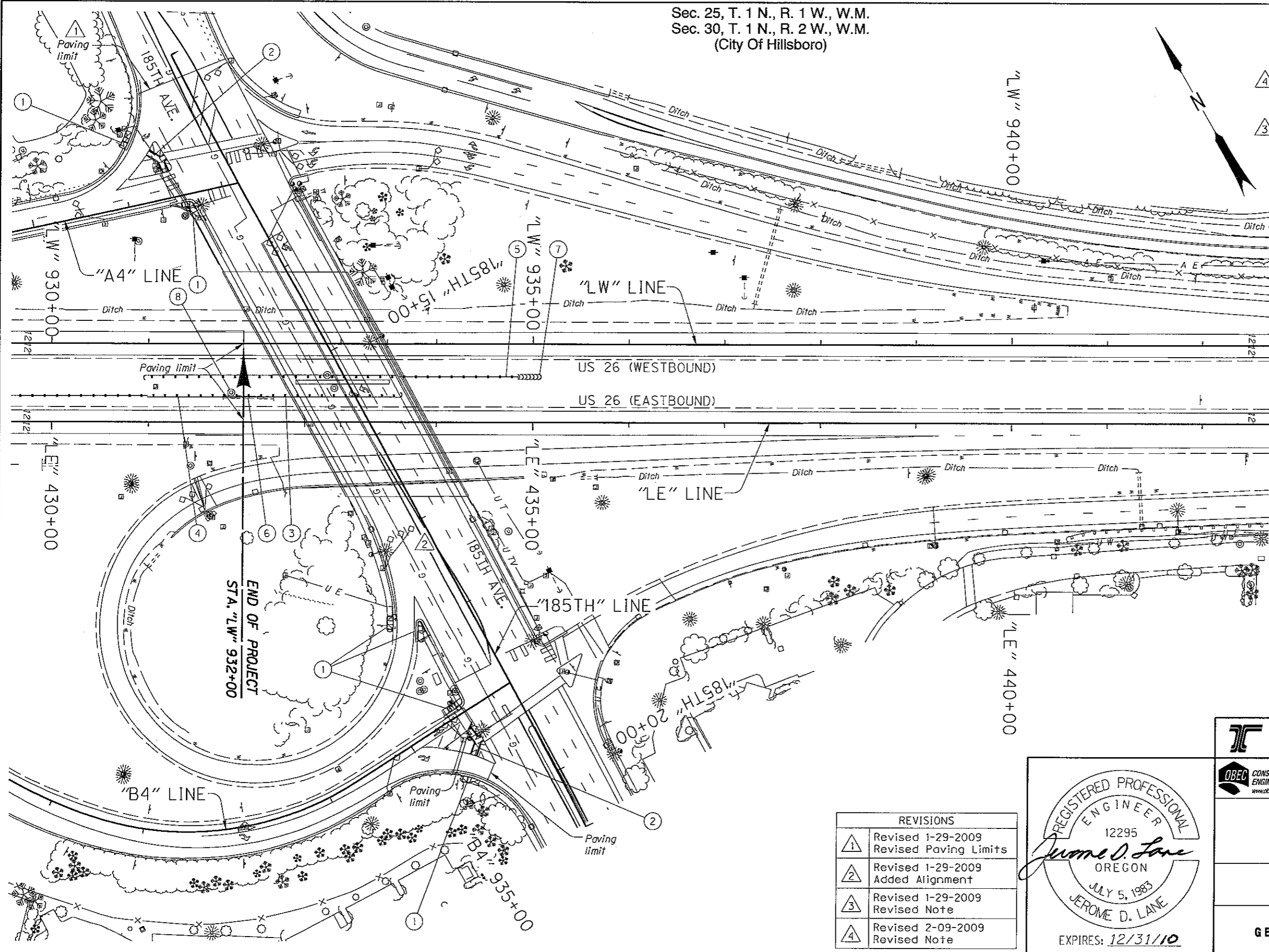
**US 26: N. PLAINS - 185TH AVE. SEC.**  
SUNSET HIGHWAY  
WASHINGTON COUNTY

Design Team Leader - Jerry Lane  
Designed By - Mary Bramble  
Drafted By - Andrew Sager

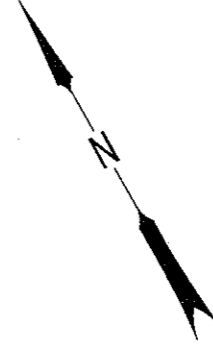
**CONSTRUCTION NOTES** SHEET NO. 14B

Sec. 25, T. 1 N., R. 1 W., W.M.  
 Sec. 30, T. 1 N., R. 2 W., W.M.  
 (City Of Hillsboro)

42V-24

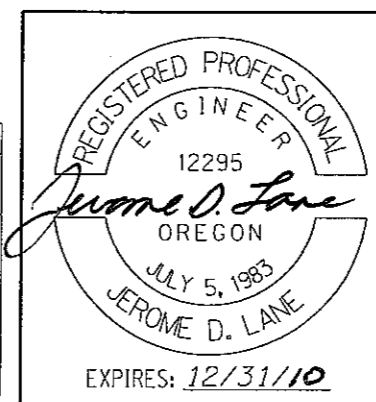


- ① Const. parallel sidewalk ramp (Option G) - 6  
 (For details, see shts. 2B-5 & 2B-6)  
 (See drg. no. RD756)
- ② Const. type "C" conc. island  
 (Cut through design)  
 (For details, see shts. 2B-5 & 2B-6)
- ③ Remove earth mound  
 (For earthwork quantities,  
 see specifications Section 00810)  
 (For details, see sht. 2B)
- ④ See sht. 28A, note 1  
 Const. metal median barrier  
 Const. guardrail - 262.5' (Type 2A)  
 Const. anchor (Type 1 mod.)  
 Inst. end piece (Type B)  
 (For details, see sht. 2B)
- ⑤ Sta. "LW" 930+97 to Sta. "LW" 934+85, Rt.  
 Const. metal median barrier - 125'  
 Const. guardrail - 262.5' (Type 2A)  
 Const. anchor (Type 1 mod.)  
 Inst. end piece (Type B)  
 (For details, see sht. 2B)
- ⑥ Sta. "LE" 432+00, L.I.  
 Remove pipe - 55'
- ⑦ Sta. "LW" 934+85, Rt.  
 Const. impact attenuator  
 (For details, see sht. 2B-3)
- ⑧ Preserve and protect communication vault



Remove pipe shown thus:

REVISIONS	
①	Revised 1-29-2009 Revised Paving Limits
②	Revised 1-29-2009 Added Alignment
③	Revised 1-29-2009 Revised Note
④	Revised 2-09-2009 Revised Note



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 5005 SW MEADOWS ROAD, SUITE 120 LAKE OSWEGO, OREGON 97035-4288  
 2235 MISSION STREET SE, SUITE 100 SALEM, OREGON 97302-1235  
 831 OHARE PARKWAY MEDFORD, OREGON 97504-4025

**US 26: N. PLAINS - 185TH AVE. SEC.**

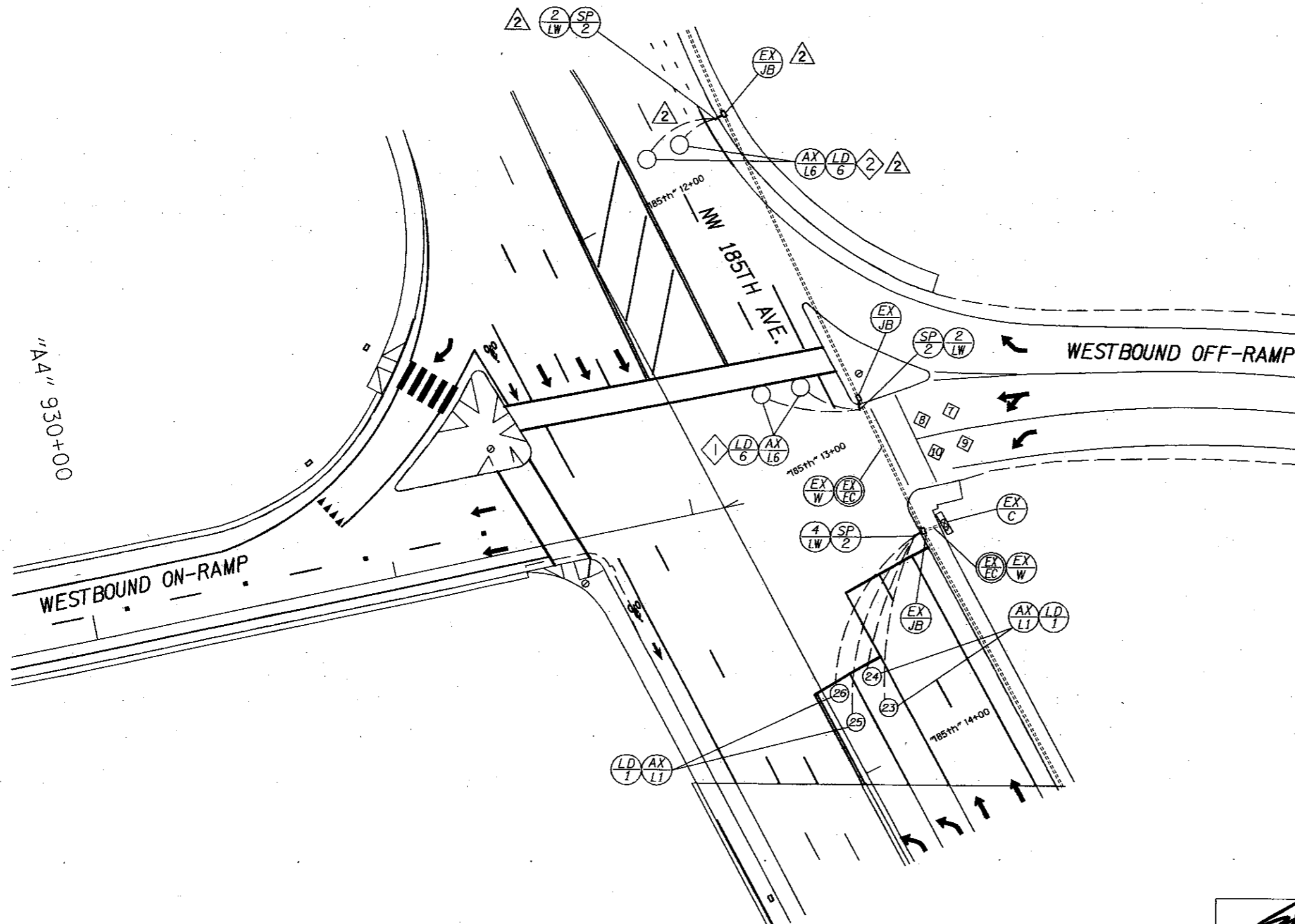
SUNSET HIGHWAY  
 WASHINGTON COUNTY

Design Team Leader - Jerry Lane  
 Designed By - Mary Bramble  
 Drafted By - Serban Dinca

**GENERAL CONSTRUCTION**

SHEET NO. **29A**

DETECTOR PLAN  
SUNSET HWY. (WB) AT NW 185TH AVE.  
US 26 AT M.P. 64.29



Loop Number	Distance Feet	Phase	Slot
1	E	2	I2U
2	E	2	I2L
3	E	2	I3U
4	E	4	I6U
5	E	4	I6L
6	E	4	I7U
7	E	4	I7U
8	E	4	I7U
9	E	4	I7U
10	E	6	J2U
11	E	6	J2U
12	E	8(6)*	J6U
13	E	8(6)*	J6U
14	E	6	J3U
15	E	6	J3U
16	E	6	J3U
17	E	6	J3U
18	E	6	J3U
19	E	3(1)*	I5U
20	E	3(1)*	I5U
21	E	7(1)*	J5U
22	E	7(1)*	J5U
23	15		
24	5		
25	15		
26	5		

**LOOP DETECTOR WIRING DIAGRAM**  
"Distance" is from Stop Line to center of loop in feet  
E = Existing loop  
\* Program transfer calls to phase in ( )

**GENERAL NOTES:**

1. For existing traffic signal and detector equipment not shown, see T.M.S. Drawings 10221 and 10223, which are available from the Engineer.

**CONSTRUCTION NOTES:**

- ① Install loop detectors for the 185th Ave. at Bronson Rd. intersection 4 feet south of crosswalk. These loop detectors (#13 and #14) are wired to slot J3U at the intersection of 185th Ave. at Bronson Rd.
- ② Install loop detectors for the 185th Ave. at Bronson Rd. intersection 160' from stopline at Bronson Rd. These loop detectors (#15 \*) are wired to slots J2U (loop #15) and J2L (loop #16) at the intersection of 185th Ave. at Bronson Rd.

REVISIONS	
①	New Drawing Created 1-28-2009
②	Drawing revised 2-10-2009

NOTE:  
See T.R.S. Dwg. 15031 for Legend

Traffic Section Approval

REGISTERED PROFESSIONAL ENGINEER  
18,503  
BRIAN K. COPELAND  
JULY 10, 1996  
EXPIRES: DEC. 31, 2009

OREGON DEPARTMENT OF TRANSPORTATION  
TRAFFIC - ROADWAY SECTION

DKS Associates 1400 SW Fifth Avenue, Suite 500 Telephone: (503) 243-3500  
TRANSPORTATION SOLUTIONS Portland, Oregon 97201-5502 Fax: (503) 243-1834

US 26: N. PLAINS - 185TH AVE. SEC.  
SUNSET HIGHWAY, 047  
WASHINGTON COUNTY

DESIGNED BY: M. Gopalan  
REVIEWED BY: R. Hurtado  
DRAWN BY: DKS CAD  
FC: 047 MP: 64.29

**DETECTOR PLAN**

Str. No. T.R.S. DWG. NO. **15156**