



CITY OF WEST LINN

2013 Road Improvement Program

PW-13-07

BID DOCUMENTS



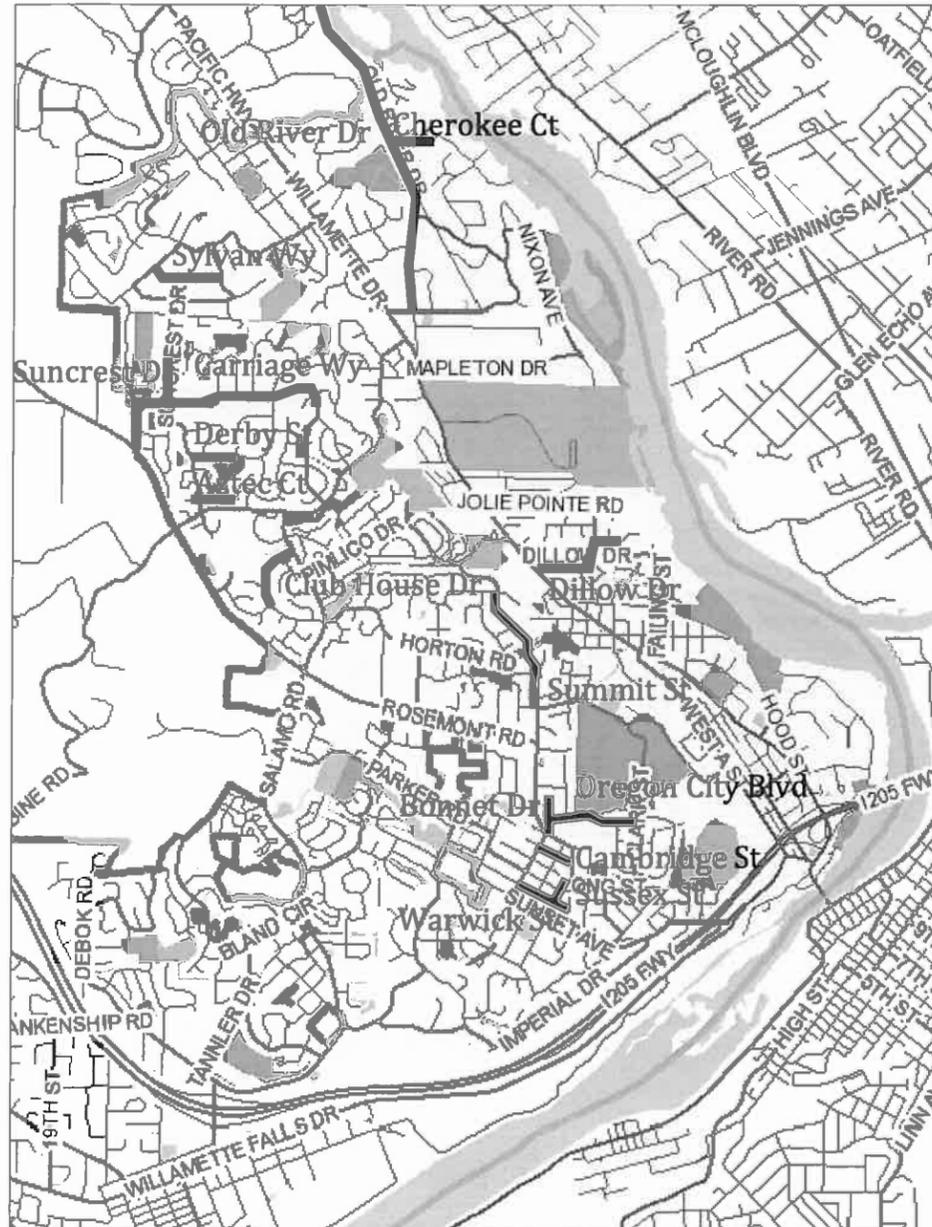
CITY OF WEST LINN
22500 SALAMO ROAD
WEST LINN, OREGON 97068
WWW.WESTLINNOREGON.GOV
PHONE: (503) 567-0331
FAX: (503) 650-9041



EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
ADDRESS: -N/A
PHONE: -N/A
FAX: -N/A



PAVING SHEET INDEX			
	From	To	Sheet No.
CARRIAGE WAY	ROSEMONT RD	SUNCREST DR	A1.1 - A1.5
CARRIAGE WAY	SUN CIR	RAWHIDE ST	C1.1 - C1.4
CLUBHOUSE DR	CHURCHHILL DOWNS DR	SANTA ANITA DR	D1.1 - D1.3
SUMMIT ST	SKYLINE DR	RENAISSANCE CT	E1.1 - E1.3
WARWICK ST	DEAD END	NORFOLK ST	F1.1 - F1.3
CAMBRIDGE ST	CORNWALL ST	EXETER ST	G1.1 - G1.2
SUSSEX ST	SUNSET ST	LANCASTER ST	I1.1
BONNET DR	OXFORD ST	DEAD END	J1.1 - J1.2
OREGON CITY BLVD	BONNET DR	CLARK ST	K1.1 - K1.3

SLURRY SEAL SHEET INDEX			
	From	To	Sheet No.
SUMMIT ST	RENAISSANCE CT	PIMLICO DR	L1.1 - L1.2
DILLOW DR	WILLAMETTE DR	MAPLE TER	L2.1 - L2.2
OLD RIVER RD	CEDAR OAK DR	CITY LIMIT	L3.1 - L3.4
CHEROKEE CT			L4.1
CARRIAGE WAY	HIDDEN SPRINGS RD	BLUEGRASS WY	L5.1 - L5.3
SUNBURST TER	SUNCREST DR	DERBY ST	L6.1
DERBY ST	SUNCREST DR	CALIENTE CT	L7.1
AZTEC CT			L8.1
HIDDEN SPRINGS RD	SUNCREST DR	BLUEGRASS WAY	L9.1 - L9.3
SYLVAN WY	MARYLHURST DR	HILLCREST DR	L10.1
SUSSEX ST	LANCASTER ST	OXFORD ST	L11.1

STRIPING SHEET INDEX			
	From	To	Sheet No.
CARRIAGE WAY	ROSEMONT RD	SUNCREST DR	S1.1 - S1.2
CARRIAGE WAY	SUN CIR	HIDDEN SPRINGS RD	S1.4 - S1.6
HIDDEN SPRINGS RD	SUNCREST DR	BLUEGRASS WY	S1.7 - S1.9
SUMMIT ST	SKYLINE DR	PIMLICO DR	S1.10 - S1.14
OLD RIVER RD	CEDAR OAK DR	CITY LIMIT	S1.15 - S1.18

UTILITY PROVIDERS		LOCATION MAP	
WATER:	CITY OF WEST LINN	PUBLIC WORKS	503-656-6081
STORM:	CITY OF WEST LINN	PUBLIC WORKS	503-656-6081
SEWER:	CITY OF WEST LINN	PUBLIC WORKS	503-656-6081
POWER:	PGE	BOBBIE DANIELSON	503-742-8483
STREET LIGHTS:	PGE	LORI SWANSON	503-742-8322
GAS:	NW NATURAL	DAVID BENTON	503-226-4211x2357
CATV:	COMCAST	BOB BOBMILLAR	360-828-3559
PHONE:	QWEST	KENNETH SCIULLI	503-242-0304

GENERAL NOTE

All work within the public right-of-way shall conform to the current ODOT Oregon Standard Specifications for Construction

GIS BASE MAP INFORMATION

Data Source: West Linn GIS
OGIC Disclaimer: This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.



Know what's below.
Call before you dig.

ATTENTION

Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0090. You may obtain copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is (503) 232-1987).

2013 ROAD IMPROVEMENT PROGRAM

Cover Sheet

PROJECT NO.: PW-13-07
DESIGNED BY: KLE
DRAWN BY: KLE
CHECKED BY: LCALVERT
DATE: JULY 1, 2013

REVISION

DATE	DESCRIPTION

COVER SHEET

CS



CITY OF WEST LINN

2013 Road Improvement Program

PW-13-07



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2013 ROAD IMPROVEMENT PROGRAM

ODOT INDEX SHEET

PROJECT NO.: PW-13-07
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QUANTITIES

QT

OREGON STANDARD DRAWINGS INDEX	
Drawing No.	Drawing Title
RD1010	INLET PROTECTION (TYPE 1, 2 & 3)
RD300	TRENCH BACKFILL, BEDDING, PIPE ZONE AND MULTIPLE INSTALLATIONS
RD302	STREET CUT
RD310	SHALLOW/DEEP TRENCH SERVICE CONNECTION, BLOCKING AND MARKERS
RD312	SUBSURFACE DRAIN
RD335	STANDARD STORM SEWER MANHOLE
RD336	STANDARD STORM SEWER MANHOLE
RD342	SHALLOW MANHOLES
RD360	MANHOLE FRAME ADJUSTMENT
RD364	CONCRETE INLETS TYPE G-1, G-2, G-2M & G2MA
TM500	PAVEMENT MARKING STANDARD DETAIL BLOCKS
TM501	PAVEMENT MARKING STANDARD DETAIL BLOCKS
TM503	PAVEMENT MARKING STANDARD DETAIL BLOCKS
TM503	PAVEMENT MARKING STANDARD DETAIL BLOCKS
TM520	DURABLE PAVEMENT MARKINGS METHOD 'A' PROFILE
TM524	DURABLE PAVEMENT MARKINGS METHOD 'E' NONE-PROFILE WET WEATHER
TM531	TURN ARROW MARKING DETAILS
DET4560	PAVEMENT MARKING DETAIL BLOCKS
P-440	14' ASPHALT LOCAL SPEED BUMP

	SPEC REF	ITEM DESCRIPTION	UNIT	TOTAL
1	00210	MOBILIZATION	LUMP SUM	1
2	00225	TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LUMP SUM	1
3	00280	EROSION CONTROL	LUMP SUM	1
4	00350	PAVEMENT OVERLAY GEOTEXTILE	SQ. YD.	22,047
5	00430	4 INCH DRAIN PIPE, PERFORATED CORRUGATED HDPE	FOOT	492
6	00445	12 INCH CONCRETE PIPE	FOOT	335
7	00470	CONCRETE STORM SEWER MANHOLE	EACH	2
8	00475	CATCH BASIN, G2	EACH	2
9	00490	MINOR ADJUSTMENT OF MANHOLES	EACH	47
10	00490	ADJUSTING BOXES	EACH	42
11	00490	CONNECTION TO EXISTING STRUCTURES	EACH	5
12	00620	COLD PLANE PAVEMENT REMOVAL, 0 TO 1-1/2 INCH DEEP	SQ. YD.	5,457
13	00620	COLD PLANE PAVEMENT REMOVAL, 0 TO 2 INCH DEEP	SQ. YD.	2,536
14	00620	COLD PLANE PAVEMENT REMOVAL, 2 INCH DEEP	SQ. YD.	12,124
15	00620	COLD PLANE PAVEMENT REMOVAL, 3 INCH DEEP	SQ. YD.	2,124
16	00620	COLD PLANE PAVEMENT REMOVAL, 2 TO 4 INCH DEEP	SQ. YD.	2,522
17	00706	SLURRY SEAL, TYPE II	SQ. YD.	76,800
18	00730	EMULSIFIED ASPHALT FOR TACK COAT	TON	21
19	00744	LEVEL 2, 1/2 INCH DENSE, MHMAC MIXTURE	TON	5,831
20	00746	CRACK SEALING	LBS.	8,000
21	00748	3 INCH ASPHALT CONCRETE PAVEMENT REPAIR	SQ. YD.	1,058
22	00865	LONGITUDINAL PAVEMENT MARKING - DURABLE - THERMOLPLASTIC, PROFILE, 120 MILS, EXTRUDED	FOOT	25,340
23	00865	LONGITUDINAL PAVEMENT MARKING - DURABLE - THERMOLPLASTIC, NON-PROFILE, 120 MILS, EXTRUDED	FOOT	28,965
24	00867	TRANSVERSE PAVEMENT MARKING - TYPE A - PAVEMENT BAR	SQ. FT.	1,347
25	00867	TRANSVERSE PAVEMENT MARKING - TYPE A - ARROWS	EACH	3
26	00867	TRANSVERSE PAVEMENT MARKING - TYPE A - BICYCLE LANE SYMBOLS	EACH	14
27	TP1	SPEED BUMP	FOOT	76



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**ROAD IMPROVEMENT PROGRAM
GENERAL NOTES**

1. All construction shall conform to the latest ODOT Standard Specifications for Construction, ODOT Standard Drawings and City of West Linn Public Works Standards.
2. This set of plans has been reviewed for compliance with City of West Linn requirements prior to issuance for construction. However such review shall not prevent the City Engineer from requiring correction of errors or omissions in plans found to be in violation of any law or ordinance.
3. The City Engineer does not warrant any quantities shown on these plans.
4. The Engineering Division, Inspection Section shall be notified twenty-four (24) hours prior to any construction work by telephone at 503-722-5501. Any work concealed without inspection shall be subject to removal and replacement at the Contractor's expense.
5. Any approved set of plans must be available on the job site at all times. The contractor's representative (capable of communicating with the City's representatives) shall be on the job at all times the work is being pursued.
6. The Contractor is responsible to provide emergency telephone numbers to the City of West Linn at time of receiving Project to Proceed Notice and have personnel available 24-hours a day to respond to emergencies. If the City is required to respond and make emergency repairs on behalf of the Contractor, the Contractor is responsible to reimburse the City for all costs incurred.
7. It is the Contractor's sole responsibility to verify the presence and location of all existing utilities that may interfere with this construction, whether or not said utilities are shown on the construction plans for this project and to adequately protect and maintain any such utilities.
8. Contractor shall submit a detail construction schedule to the City Engineering Division for review and acceptance prior to construction.

TRAFFIC CONTROL GENERAL NOTES

1. No road closure shall be allowed without City Engineer's prior approval as delegated by the City Manager.
2. Traffic control shall conform to the ODOT Temporary Traffic Control Handbook and MUTCD. The Contractor shall submit a Traffic Control Plan to the City of West Linn Engineering Division for review and acceptance a minimum of 48-hours prior to construction. A copy of the accepted Traffic Control Plan must remain on the job site at all times.

CONSTRUCTION NOTES

1. Existing water valve boxes not Vancouver Style shall be replaced as part of valve adjustments. City of West Linn will provide Contractor with Vancouver Style water valve boxes for replacement.
2. Any curb removal and replacement due to installation of a new inlet will be considered incidental to the cost of the inlet line item with no additional compensation.
3. Contractor shall be responsible for providing proper inlet protection during construction with no additional compensation for erosion control.
4. Pipe bedding and trench backfill are incidental to pipe. City will also accept site pavement millings for backfill under pavement with concrete pipe.
5. All transverse pavement marking and symbols will be by others.
6. Water used for construction must be filled at the designated fire hydrant located in front of second driveway entrance at the Willamette Market Place on 8th Avenue - West of 10th St and South of I-205. No hydrant meters will be provided.
7. Wildemess Park Parking Lot located off of Skyline Dr will be the only designated stage area allowed.
8. WORKING HOURS: 7:00 AM - 7:00 PM Monday - Friday
9:00 AM - 5:00 PM Saturday - Sunday & Holidays



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EXPIRED: 12/31/2013

CONTRACTOR

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2013 ROAD IMPROVEMENT PROGRAM

General Notes

PROJECT NO.: PW-13-07
DESIGNED BY: KLE
DRAWN BY: KLE
CHECKED BY: L.CALVERT
DATE: JULY 1, 2013

REVISION

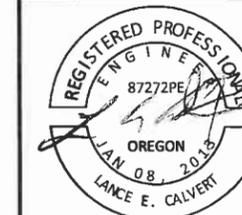
DATE	DESCRIPTION

GENERAL NOTES

GN



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2013 ROAD IMPROVEMENT PROGRAM
 Carriage Way
 From Rosemont Rd to Suncrest Dr

PROJECT NO.: PW-13-07
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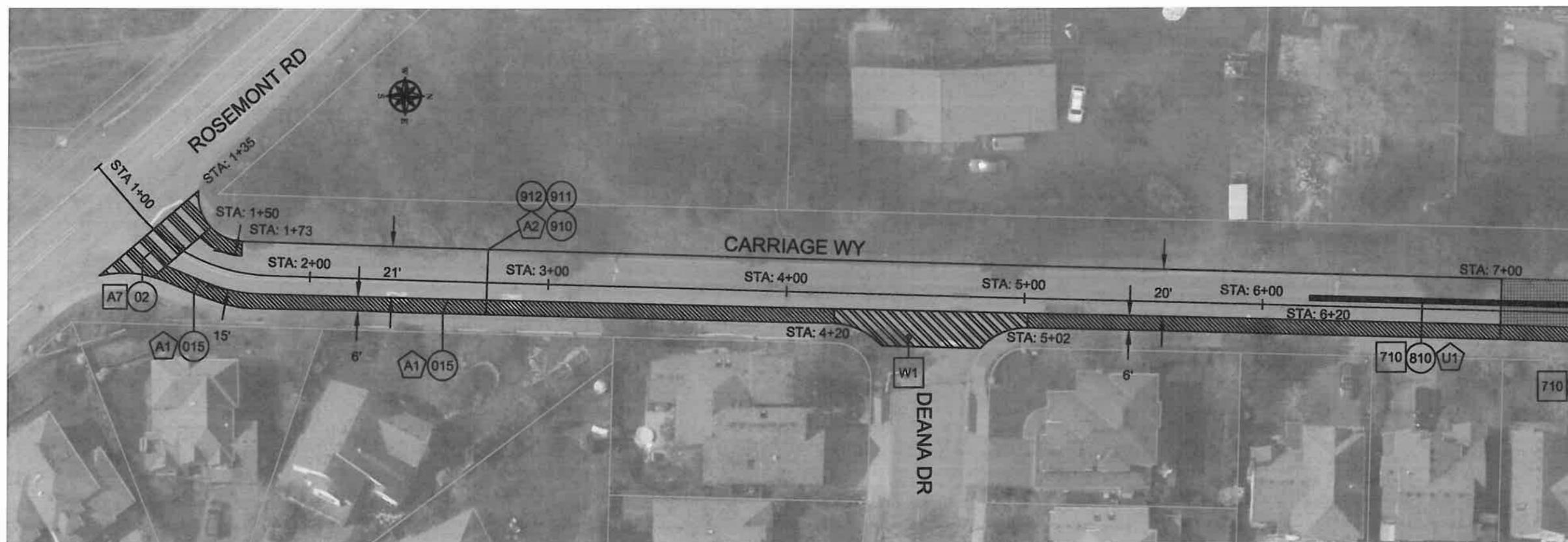
PAVING PLAN

SCALE: 1" = 50' Horizontal

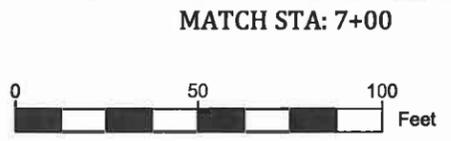
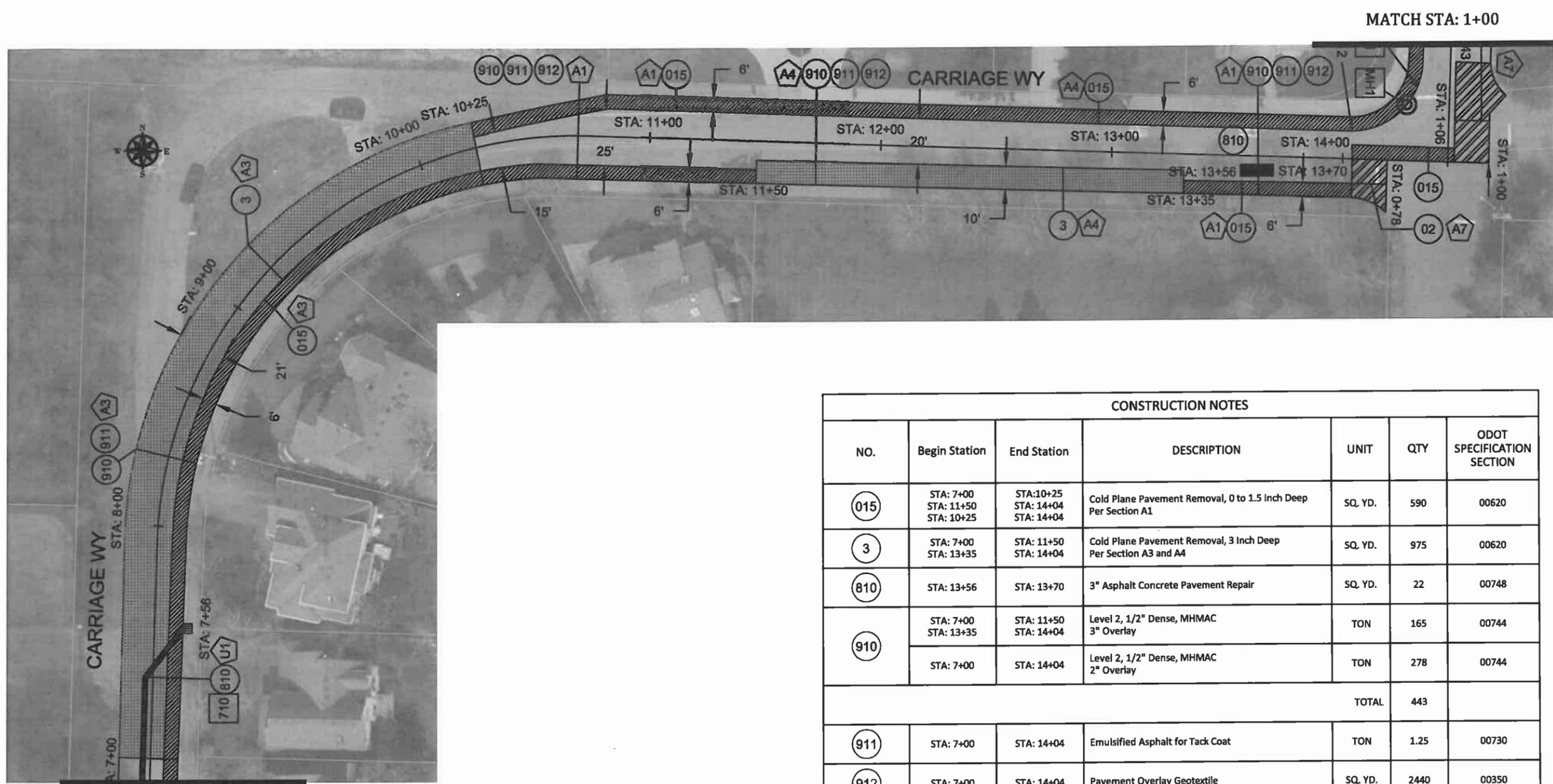
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CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
015	STA: 1+50 STA: 1+50 STA: 5+02	STA:1+73 STA: 4+20 STA: 7+00	Cold Plane Pavement Removal, 0 to 1.5 Inch Deep Per Section A1 and A2	SQ. YD.	333	00620
02	STA: 1+35 STA: 4+20	STA: 1+50 STA: 5+02	Cold Plane Pavement Removal, 0 to 2 Inch Deep Per Section A7	SQ. YD.	175	00620
810	STA: 6+20	STA: 7+00	3" Asphalt Concrete Pavement Repair	SQ. YD.	18	00748
910	STA: 1+35	STA: 7+00	Level 2, 1/2" Dense, MHMAC 2" Overlay	TON	203	00744
TOTAL					203	
911	STA: 1+35	STA: 7+00	Emulsified Asphalt for Tack Coat	TON	1	00730
912	STA: 1+35	STA: 7+00	Pavement Overlay Geotextile	SQ. YD.	1786	00350
710	STA: 6+20	STA: 7+00	4" Drain Pipe, Perforated Corrugated HDPE Per Section U1	LF	80	00430
W1	STA: 1+00	STA: 7+00	Adjusting Boxes CITY TO PROVIDE CONTRACTOR WITH WATER VALVE BOXES.	EACH	1	00490



MATCH STA: 7+00

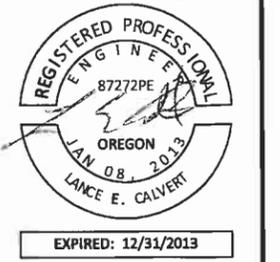


MATCH STA: 1+00

CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
015	STA: 7+00 STA: 11+50 STA: 10+25 STA: 14+04	STA: 10+25 STA: 14+04 STA: 14+04	Cold Plane Pavement Removal, 0 to 1.5 Inch Deep Per Section A1	SQ. YD.	590	00620
3	STA: 7+00 STA: 13+35	STA: 11+50 STA: 14+04	Cold Plane Pavement Removal, 3 Inch Deep Per Section A3 and A4	SQ. YD.	975	00620
810	STA: 13+56	STA: 13+70	3" Asphalt Concrete Pavement Repair	SQ. YD.	22	00748
910	STA: 7+00 STA: 13+35	STA: 11+50 STA: 14+04	Level 2, 1/2" Dense, MHMAC 3" Overlay	TON	165	00744
	STA: 7+00	STA: 14+04	Level 2, 1/2" Dense, MHMAC 2" Overlay	TON	278	00744
TOTAL					443	
911	STA: 7+00	STA: 14+04	Emulsified Asphalt for Tack Coat	TON	1.25	00730
912	STA: 7+00	STA: 14+04	Pavement Overlay Geotextile	SQ. YD.	2440	00350
710	STA: 7+00	STA: 14+00	4" Drain Pipe, Perforated Corrugated HDPE Per Section U1	LF	60	00430
			Connection to Existing Structures	EACH	1	00490



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CONTRACTOR
NAME: -N/A
ADDRESS: -N/A
PHONE: -N/A
FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM
Carriage Way
From Rosemont Rd to Suncrest Dr

PROJECT NO.: PW-13-07
DESIGNED BY: KLE
DRAWN BY: KLE
CHECKED BY: LCALVERT
DATE: JULY 1, 2013

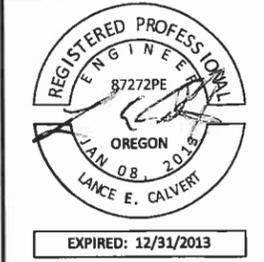
REVISION	
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PAVING PLAN
SCALE: 1" = 50' Horizontal

A1.2



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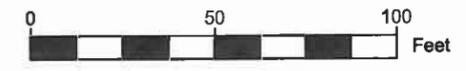
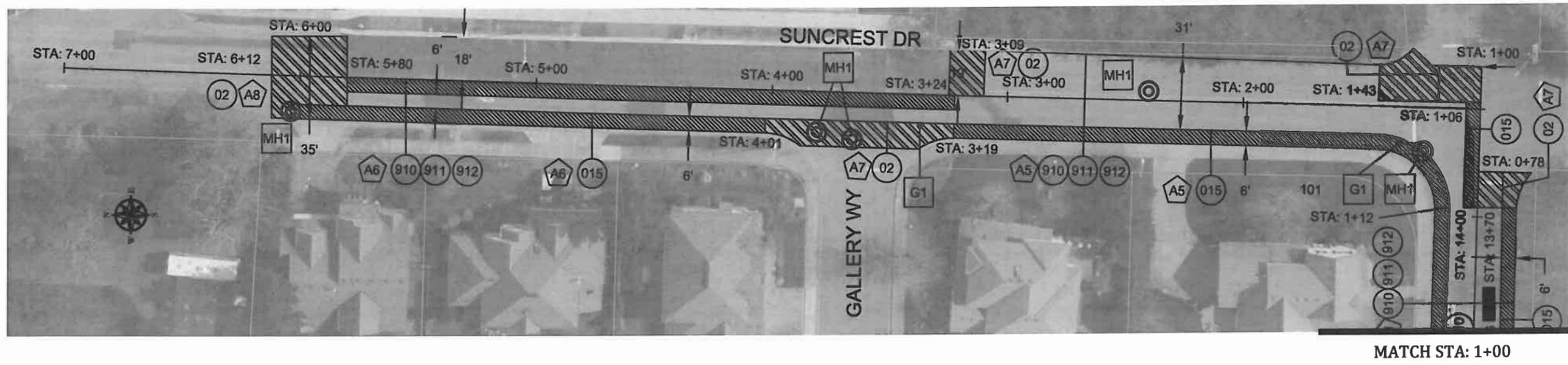
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2013 ROAD IMPROVEMENT PROGRAM
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REVISION	
DATE	DESCRIPTION

PAVING PLAN
 SCALE: **A1.3**



CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
015	STA: 1+00 STA: 1+12 STA: 4+01 STA: 3+24	STA: 1+06 STA: 3+19 STA: 6+00 STA: 5+80	Cold Plane Pavement Removal, 0 to 1.5 Inch Deep Per Section A5 and A6	SQ. YD.	484	00620
02	STA: 0+78 STA: 1+00 STA: 3+09 STA: 3+19 STA: 5+80	STA: 1+00 STA: 1+34 STA: 3+24 STA: 4+01 STA: 6+12	Cold Plane Pavement Removal, 0 to 2 Inch Deep Per Section A7	SQ. YD.	337	00620
910	STA: 0+78	STA: 6+12	Level 2, 1/2" Dense, MHMAC 2" Overlay	TON	194	00744
TOTAL					194	
911	STA: 0+78	STA: 6+12	Emulsified Asphalt for Tack Coat	TON	1	00730
912	STA: 7+00	STA: 6+12	Pavement Overlay Geotextile	SQ. YD.	1699	00350
G1	STA: 1+00	STA: 6+12	Adjustment Boxes	EACH	2	00490
MH1	STA: 1+00	STA: 6+12	Minor Adjustment of Manholes	EACH	5	00490



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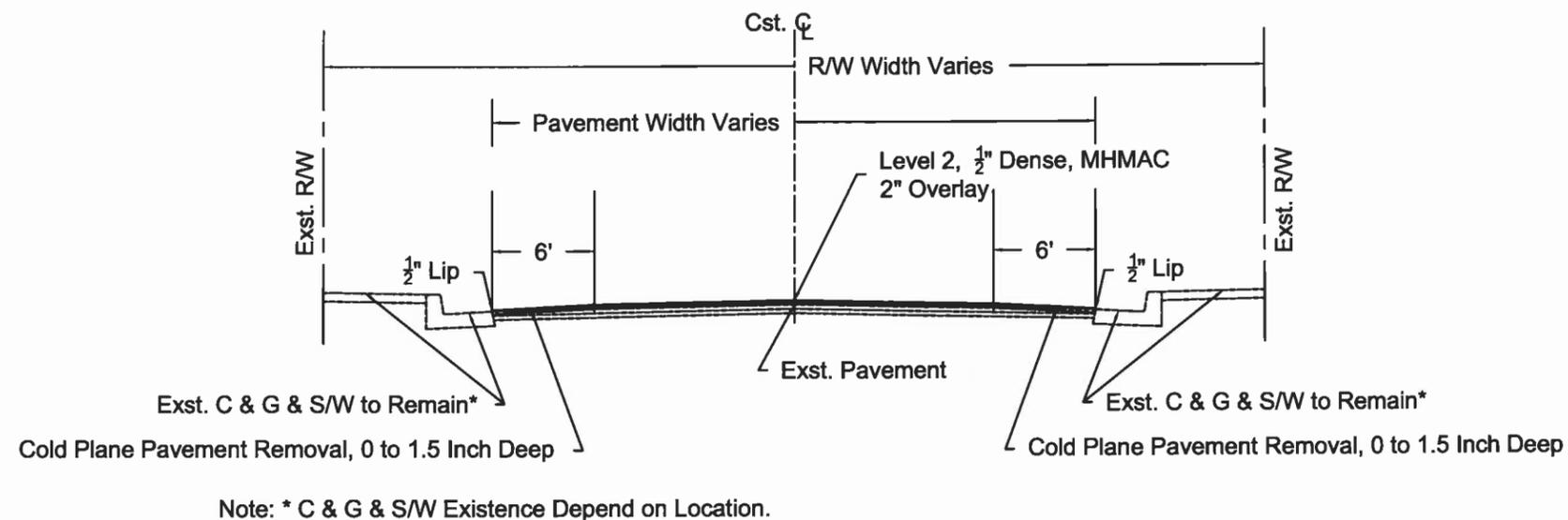
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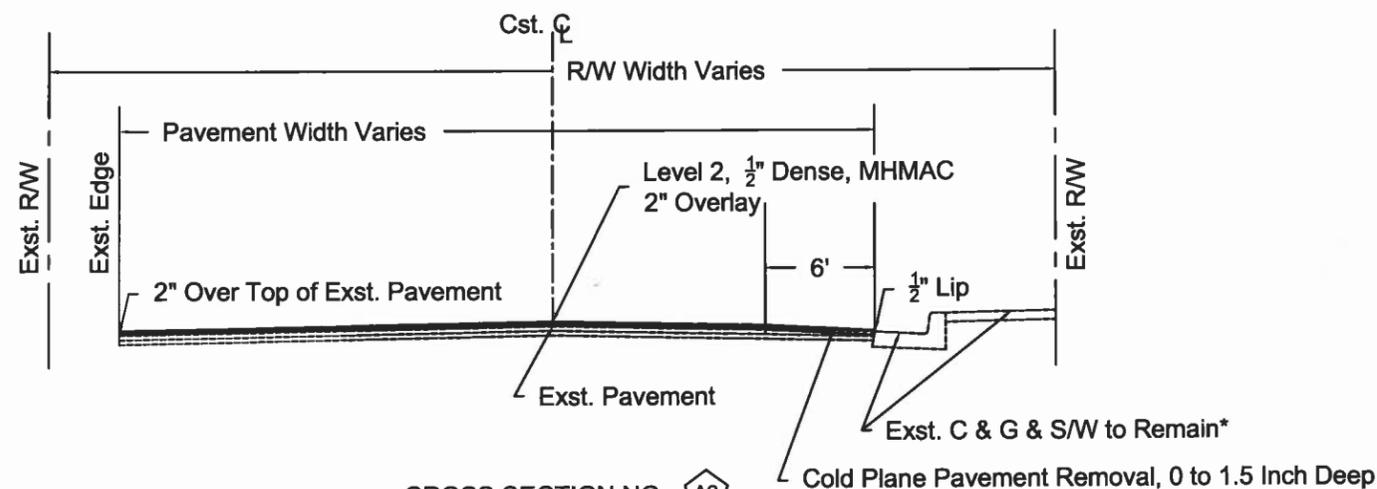
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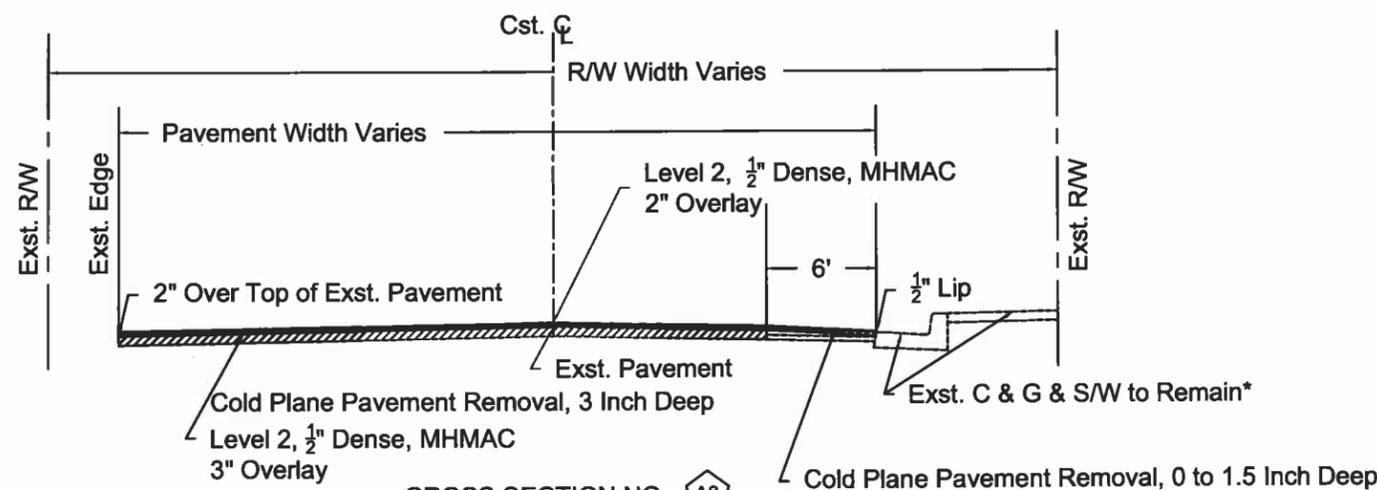
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CROSS SECTION NO. A1



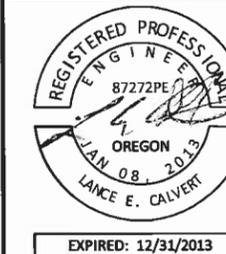
CROSS SECTION NO. A2



CROSS SECTION NO. A3



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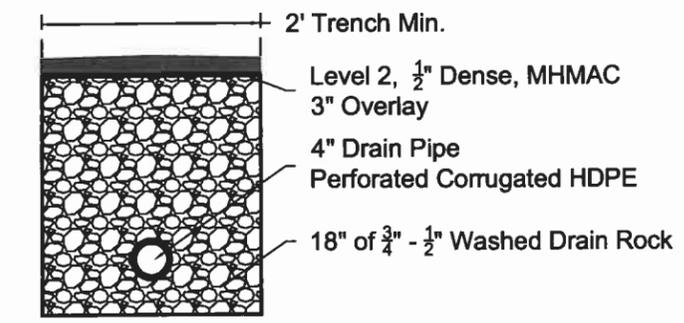
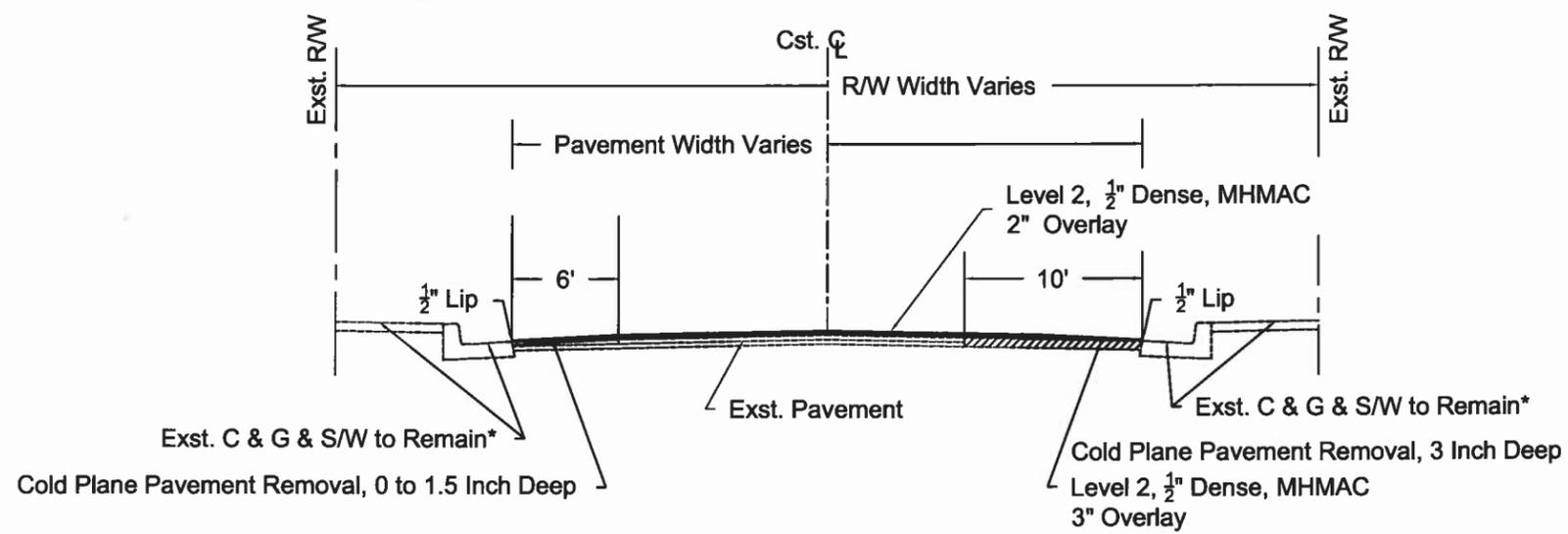
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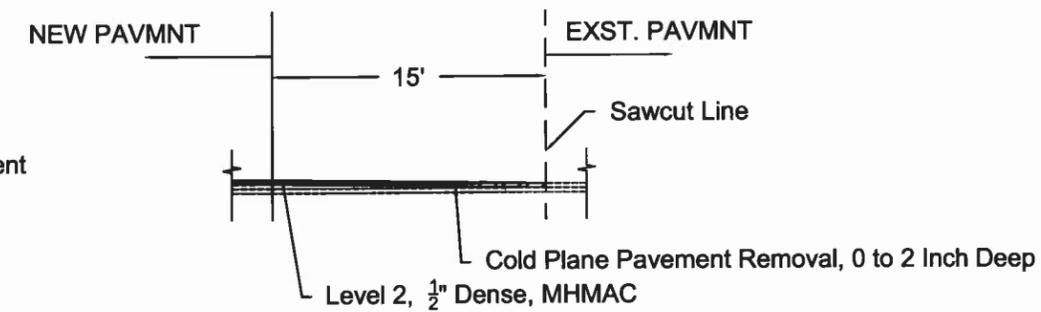
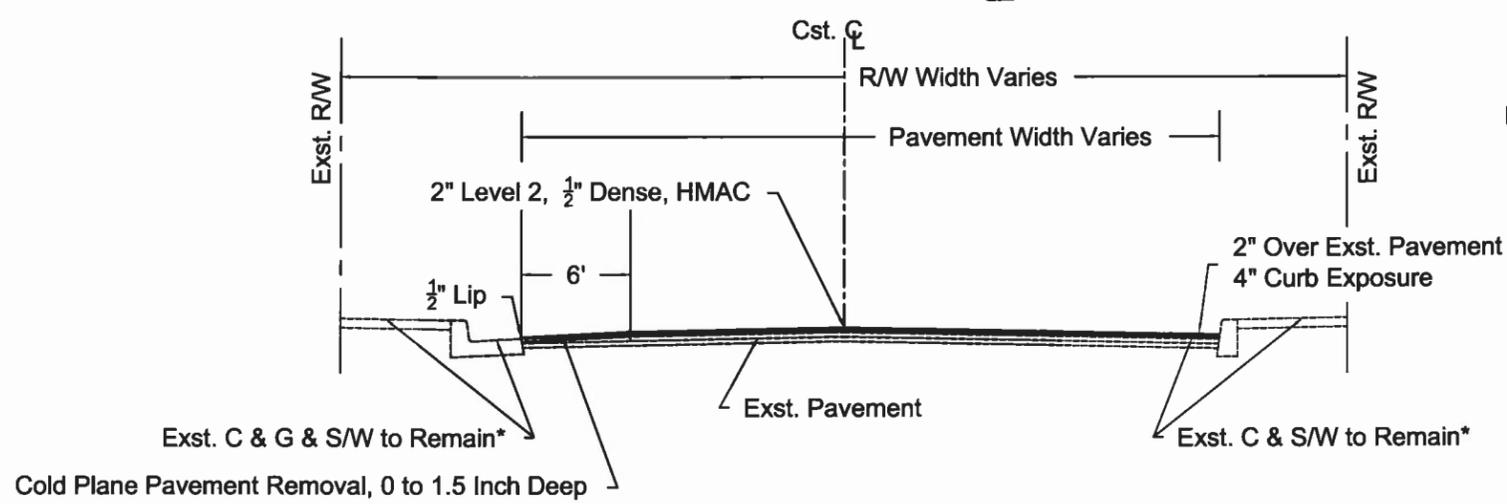
PAVING PLAN
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A1.5



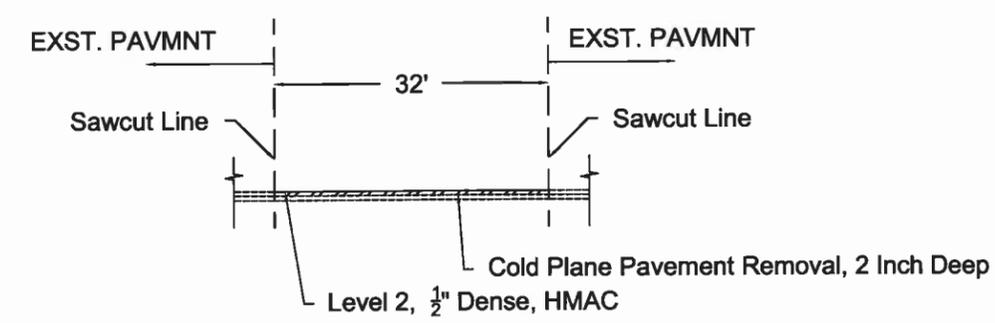
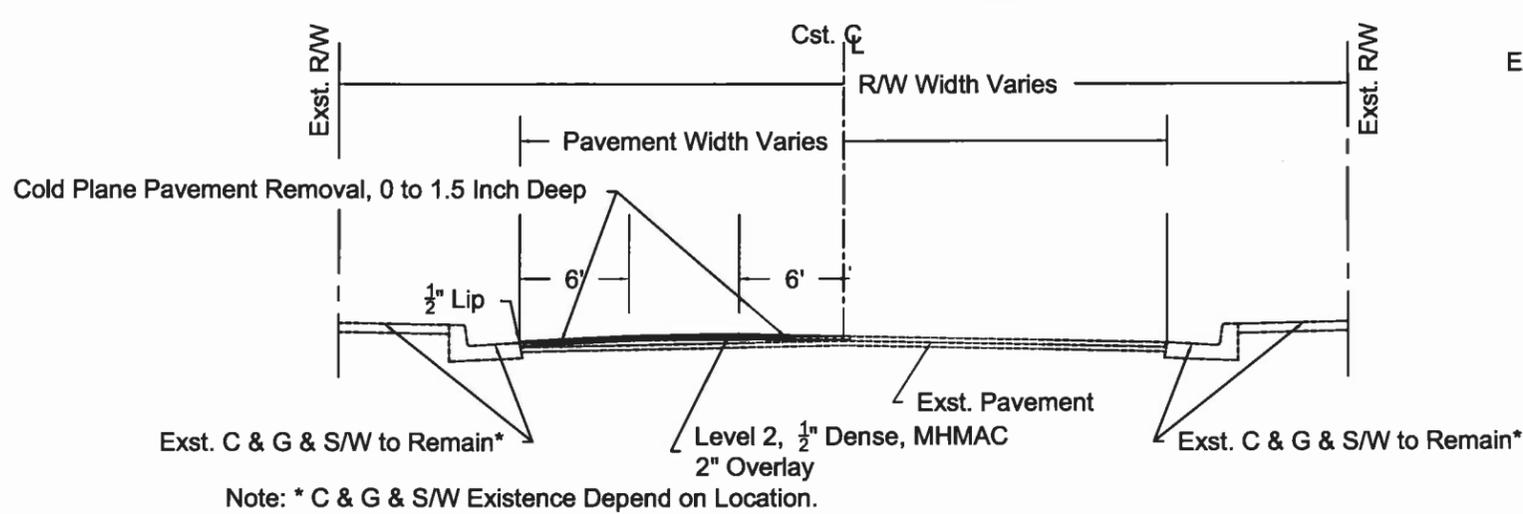
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CROSS SECTION NO. A4



CROSS SECTION NO. A7

CROSS SECTION NO. A5



CROSS SECTION NO. A8

CROSS SECTION NO. A6

Note: * C & G & S/W Existence Depend on Location.



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 From Sun Cir To Bluegrass Ct

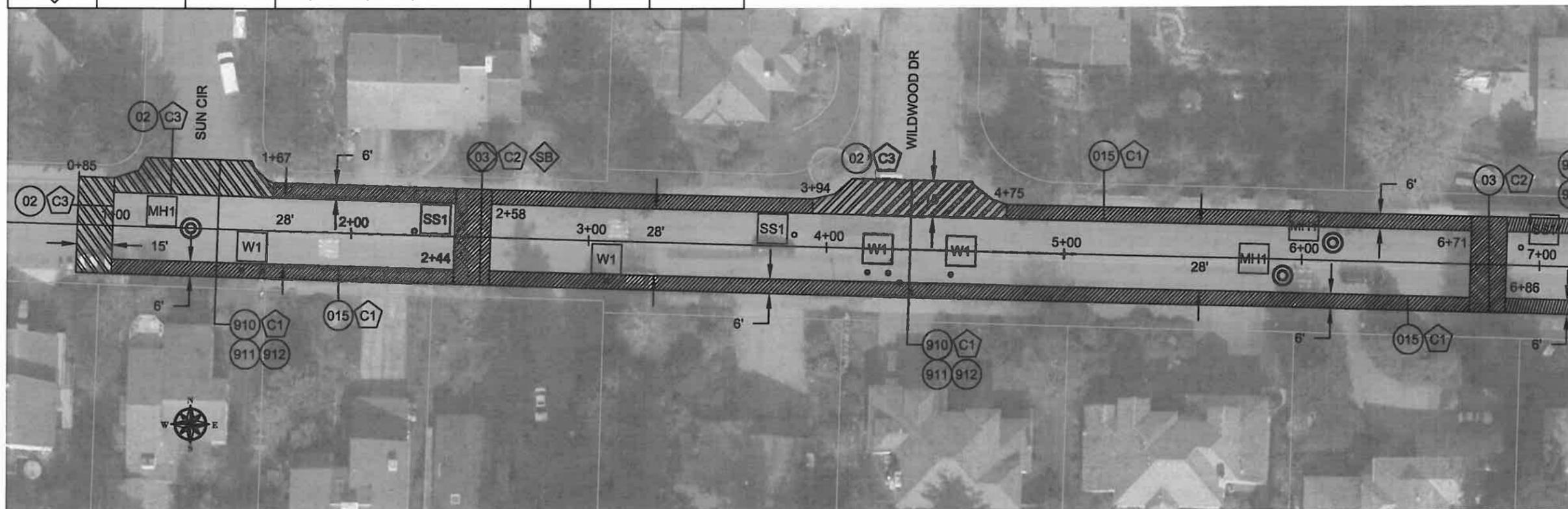
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PAVING PLAN
 SCALE: 1" = 50' Horizontal
C1.1

CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
015	STA: 1+67 STA: 1+00 STA: 2+59 STA: 4+75 STA: 2+59	STA: 2+44 STA: 2+44 STA: 3+94 STA: 6+71 STA: 6+71	Cold Plane Pavement Removal, 0 to 1.5 Inch Deep Per Section C1	SQ. YD.	642	00620
02	STA: 0+85 STA: 3+94	STA: 1+00 STA: 4+75	Cold Plane Pavement Removal, 0 to 2 inch Deep Per Section C1	SQ. YD.	183	00620
03	STA: 2+44 STA: 6+71	STA: 2+59 STA: 6+86	Cold Plane Pavement Removal, 3 inch Deep Per Section C2	SQ. YD.	133	00620
910	STA: 0+85	STA: 6+68	Level 2, 1/2" Dense, MHMAC 2" Overlay	TON	318	00744
TOTAL					318	
911	STA: 0+85	STA: 6+68	Emulsified Asphalt for Tack Coat	TON	1.5	00730
912	STA: 0+85	STA: 6+68	Pavement Overlay Geotextile	SQ. YD.	2791	00350
W1	STA: 1+00	STA: 7+00	Adjustment Boxes CITY TO PROVIDE CONTRACTOR WITHWATER VALVE BOXES	EACH	8	00490
SS1	STA: 1+00	STA: 7+00	Adjustment Boxes	EACH	1	00490
MH1	STA: 1+00	STA: 7+00	Minor Adjustment of Manholes	EACH	3	00490
SB	STA: 2+44	STA: 2+58	Install Speed Bump Per City of Portland 14' Asphalt Local Speed Bump Detail	FOOT	38	



MATCH STA: 7+00



CITY OF WEST LINN
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 WEST LINN, OREGON 97068
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 FAX: (503) 650-9041



EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Carriage Way
 From Sun Cir To Bluegrass Ct

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

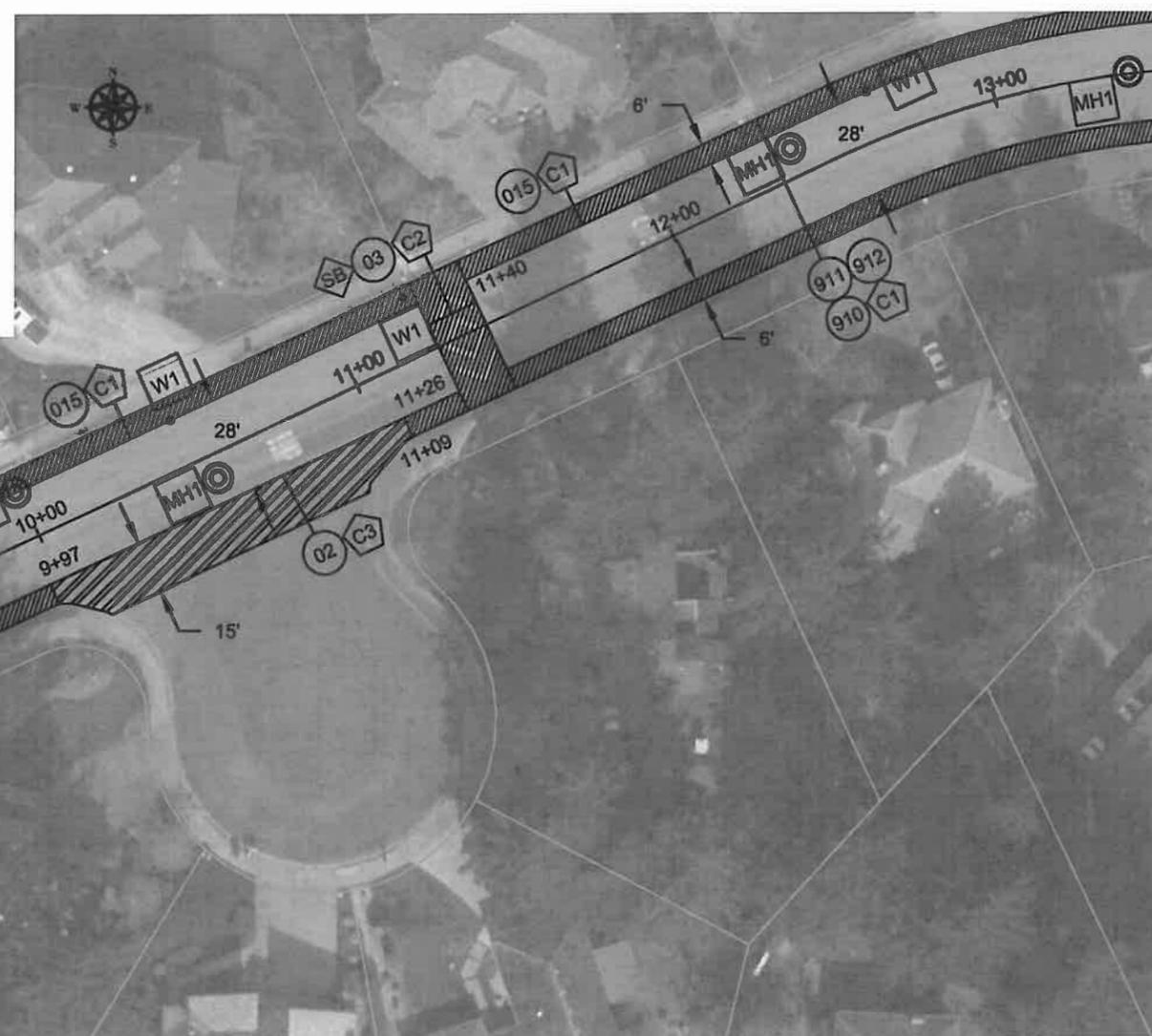
REVISION	
DATE	DESCRIPTION

PAVING PLAN
 SCALE: 1" = 50' Horizontal

C1.2

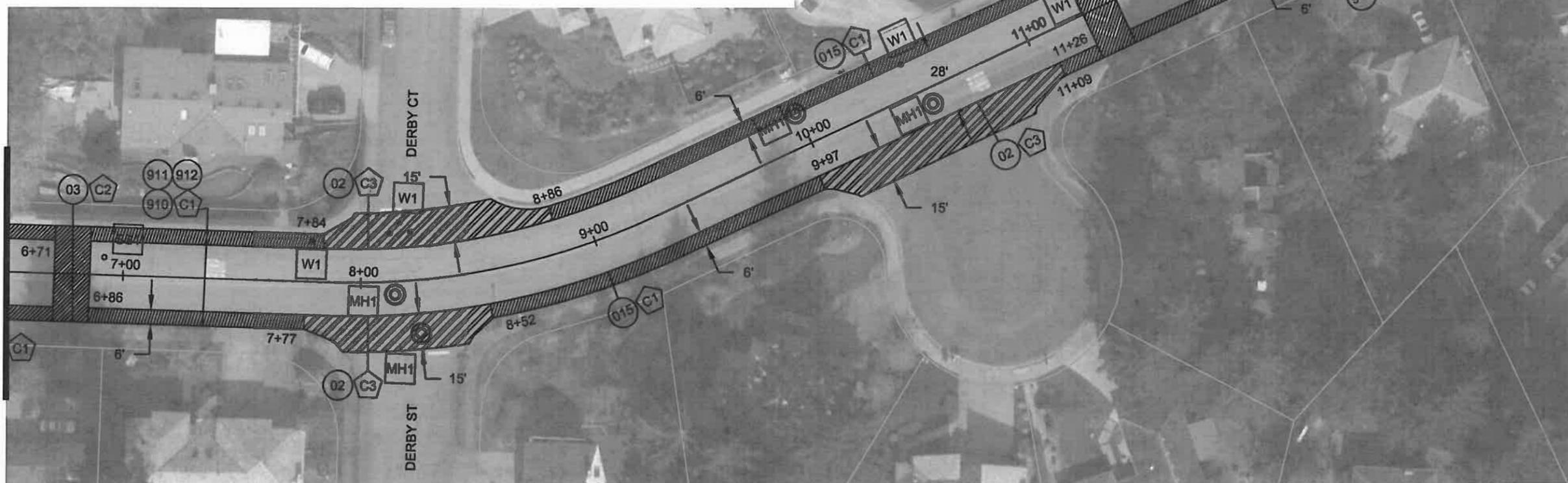
CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
015	STA: 6+68 STA: 8+86 STA: 6+68 STA: 8+52 STA: 11+09	STA: 7+84 STA: 11+26 STA: 7+77 STA: 9+97 STA: 12+26	Cold Plane Pavement Removal, 0 to 1.5 Inch Deep Per Section C1	SQ. YD.	396	00620
02	STA: 7+77 STA: 7+84 STA: 9+97	STA: 8+52 STA: 8+86 STA: 11+09	Cold Plane Pavement Removal, 0 to 2 inch Deep Per Section C1	SQ. YD.	421	00620
03	STA: 11+26	STA: 11+41	Cold Plane Pavement Removal, 3 inch Deep Per Section C2	SQ. YD.	67	00620
910	STA: 6+68	STA: 11+41	Level 2, 1/2" Dense, MHMAC 2" Overlay	TON	260	00744
TOTAL					260	
911	STA: 6+68	STA: 11+41	Emulsified Asphalt for Tack Coat	TON	1.5	00730
912	STA: 6+68	STA: 11+41	Pavement Overlay Geotextile	SQ. YD.	2284	00350
W1	STA: 7+00	STA: 11+41	Adjustment Boxes CITY TO PROVIDE CONTRACTOR WITH WATER VALVE BOXES	EACH	5	00490
SS1	STA: 7+00	STA: 11+41	Adjustment Boxes	EACH	1	00490
MH1	STA: 7+00	STA: 11+41	Minor Adjustment of Manholes	EACH	4	00490
SB	STA: 11+26	STA: 11+40	Install Speed Bump Per City of Portland 14' Asphalt Local Speed Bump Detail	FOOT	38	

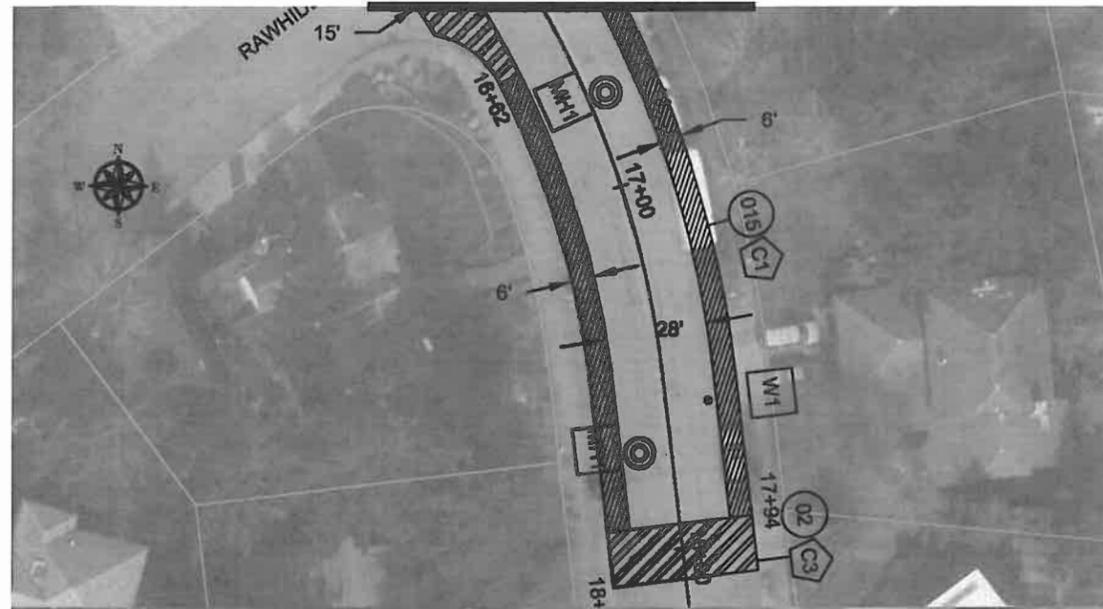


MATCH STA: 7+00

MATCH STA: 11+41



MATCH STA: 17+00



CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
015	STA: 11+41 STA: 11+41 STA: 16+49 STA: 16+62	STA: 15+75 STA: 15+66 STA: 17+94 STA: 17+94	Cold Plane Pavement Removal, 0 to 1.5 Inch Deep Per Section C1	SQ. YD.	761	00620
02	STA: 15+66 STA: 15+75 STA: 17+94	STA: 16+62 STA: 16+49 STA: 18+09	Cold Plane Pavement Removal, 0 to 2 inch Deep Per Section C1	SQ. YD.	296	00620
910	STA: 11+41	STA: 11+41	Level 2, 1/2" Dense, MHMAC 2" Overlay	TON	354	00744
					TOTAL	354
911	STA: 11+41	STA: 18+09	Emulsified Asphalt for Tack Coat	TON	2	00730
912	STA: 11+41	STA: 18+09	Pavement Overlay Geotextile	SQ. YD.	3111	00350
W1	STA: 11+41	STA: 18+09	Adjustment Boxes CITY TO PROVIDE CONTRACTOR WITH WATER VALVE BOXES	EACH	7	00490
MH1	STA: 11+41	STA: 18+09	Minor Adjustment of Manholes	EACH	6	00490



CITY OF WEST LINN
22500 SALAMO ROAD
WEST LINN, OREGON 97068
WWW.WESTLINNOREGON.GOV
PHONE: (503) 567-0331
FAX: (503) 650-9041



EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
ADDRESS: -N/A
PHONE: -N/A
FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Carriage Way
From Sun Cir To Bluegrass Ct

PROJECT NO.: PW-13-07
DESIGNED BY: KLE
DRAWN BY: KLE
CHECKED BY: L CALVERT
DATE: JULY 1, 2013

REVISION

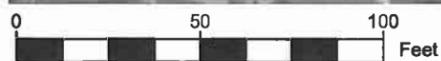
DATE	DESCRIPTION

PAVING PLAN

SCALE: 1" = 50' Horizontal

C1.3

MATCH STA: 11+41



MATCH STA: 17+00



CITY OF WEST LINN
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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Carriage Way

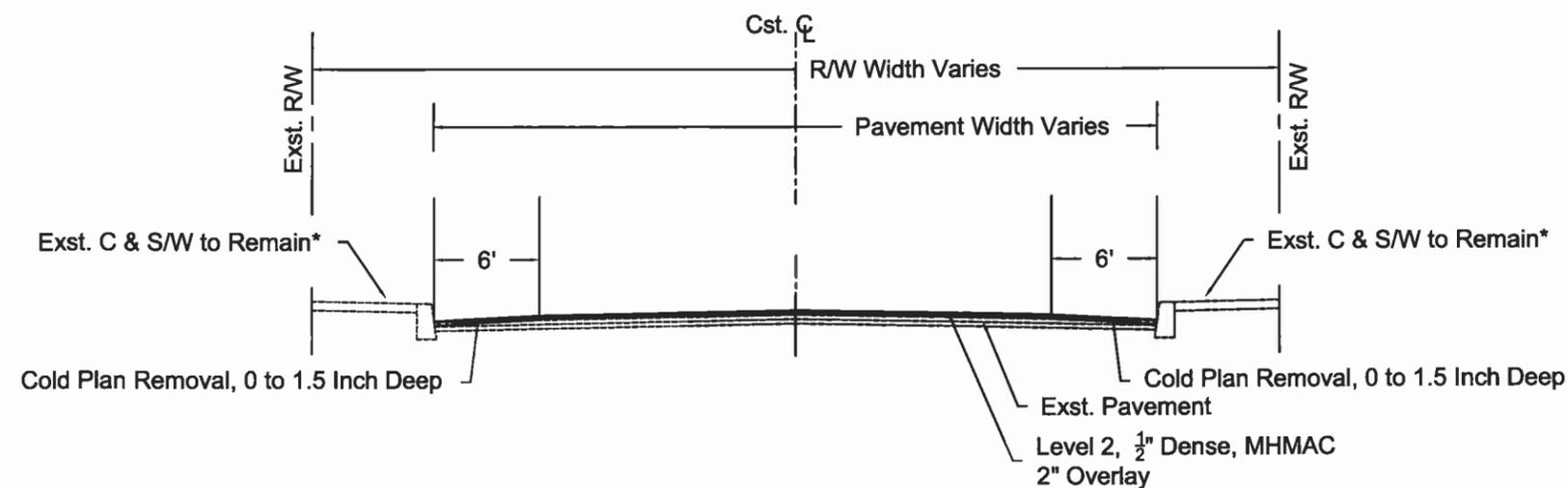
From Sun Cir To Bluegrass Ct

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: L CALVERT
 DATE: JULY 1, 2013

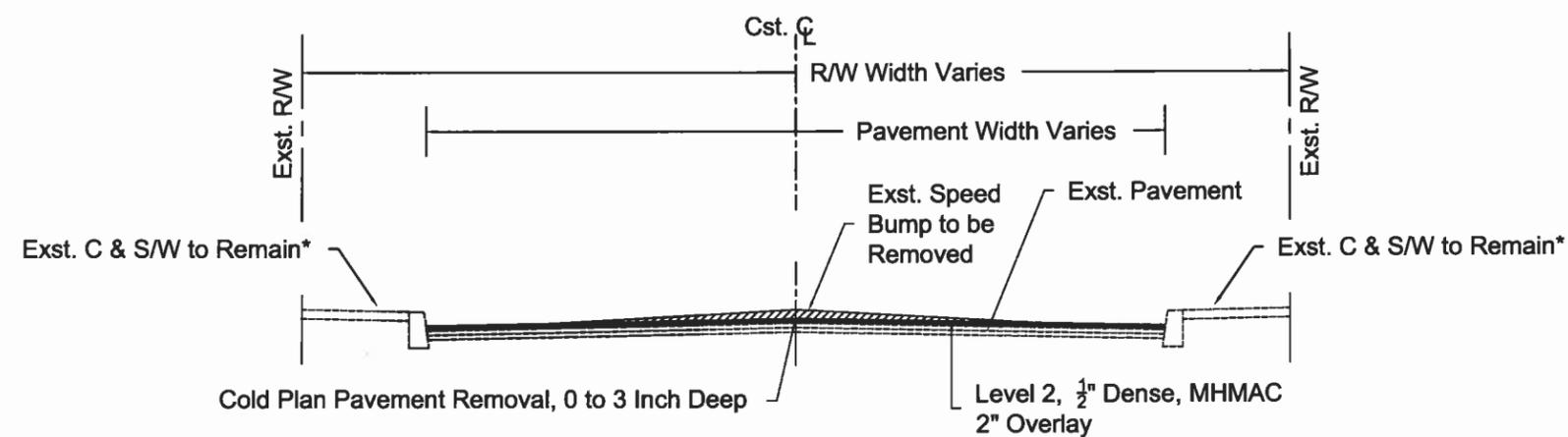
REVISION	
DATE	DESCRIPTION

PAVING PLAN
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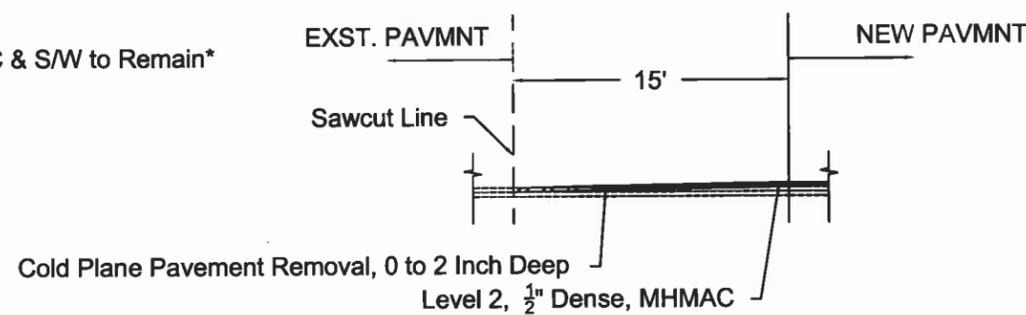
C1.4



CROSS SECTION NO. C1



CROSS SECTION NO. C2



CROSS SECTION NO. C3



CITY OF WEST LINN
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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM
 Club House Dr
 From Cheyenne Ter To Santa Anita Dr

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: L CALVERT
 DATE: JULY 1, 2013

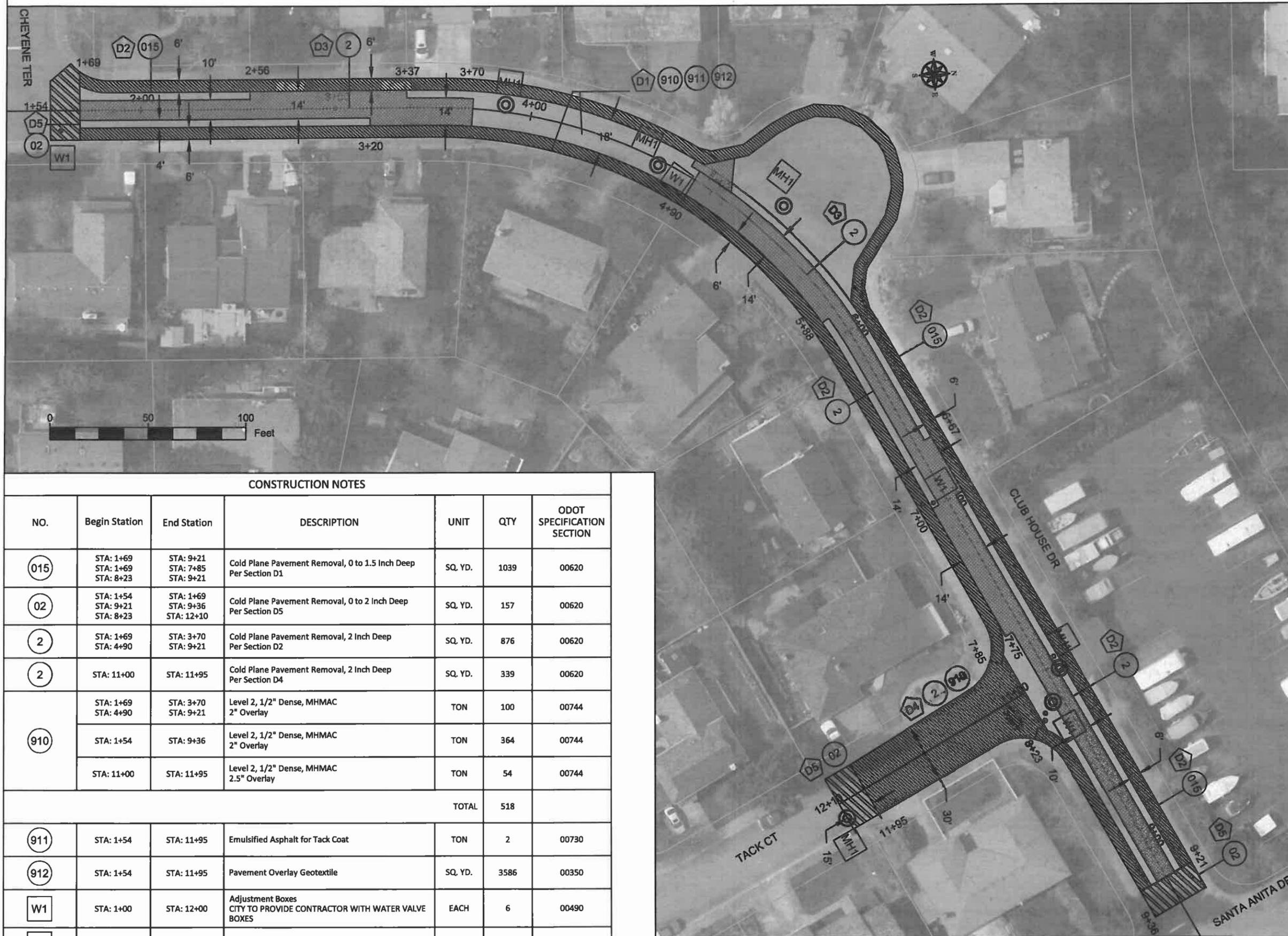
REVISION

DATE	DESCRIPTION

PAVING PLAN

SCALE: 1" = 50' Horizontal

D1.1



CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
015	STA: 1+69 STA: 1+69 STA: 8+23	STA: 9+21 STA: 7+85 STA: 9+21	Cold Plane Pavement Removal, 0 to 1.5 Inch Deep Per Section D1	SQ. YD.	1039	00620
02	STA: 1+54 STA: 9+21 STA: 8+23	STA: 1+69 STA: 9+36 STA: 12+10	Cold Plane Pavement Removal, 0 to 2 Inch Deep Per Section D5	SQ. YD.	157	00620
2	STA: 1+69 STA: 4+90	STA: 3+70 STA: 9+21	Cold Plane Pavement Removal, 2 Inch Deep Per Section D2	SQ. YD.	876	00620
2	STA: 11+00	STA: 11+95	Cold Plane Pavement Removal, 2 Inch Deep Per Section D4	SQ. YD.	339	00620
910	STA: 1+69 STA: 4+90	STA: 3+70 STA: 9+21	Level 2, 1/2" Dense, MHMAC 2" Overlay	TON	100	00744
	STA: 1+54	STA: 9+36	Level 2, 1/2" Dense, MHMAC 2" Overlay	TON	364	00744
	STA: 11+00	STA: 11+95	Level 2, 1/2" Dense, MHMAC 2.5" Overlay	TON	54	00744
TOTAL					518	
911	STA: 1+54	STA: 11+95	Emulsified Asphalt for Tack Coat	TON	2	00730
912	STA: 1+54	STA: 11+95	Pavement Overlay Geotextile	SQ. YD.	3586	00350
W1	STA: 1+00	STA: 12+00	Adjustment Boxes CITY TO PROVIDE CONTRACTOR WITH WATER VALVE BOXES	EACH	6	00490
MH1	STA: 1+00	STA: 12+00	Minor Adjustment of Manholes	EACH	6	00490



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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

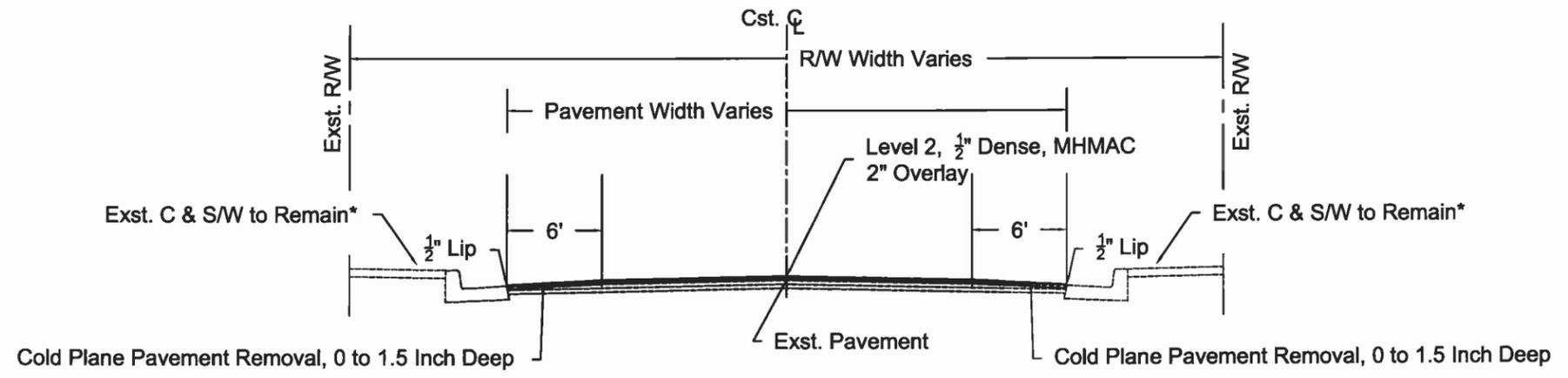
2013 ROAD IMPROVEMENT PROGRAM

Club House Dr
 From Cheyenne Ter To Santa Anita Dr

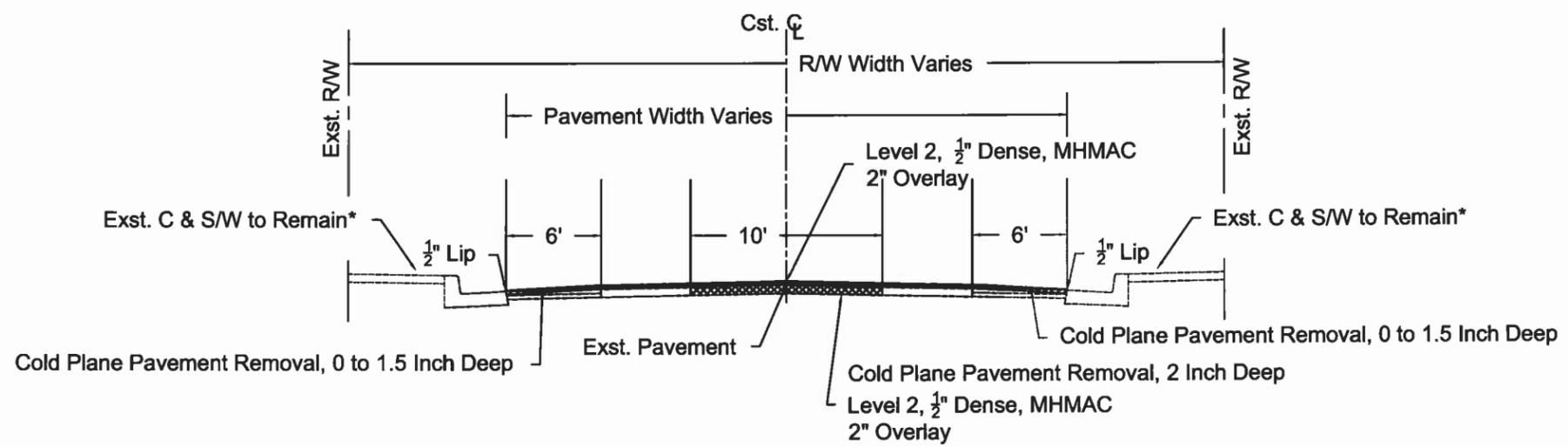
PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	
DATE	DESCRIPTION

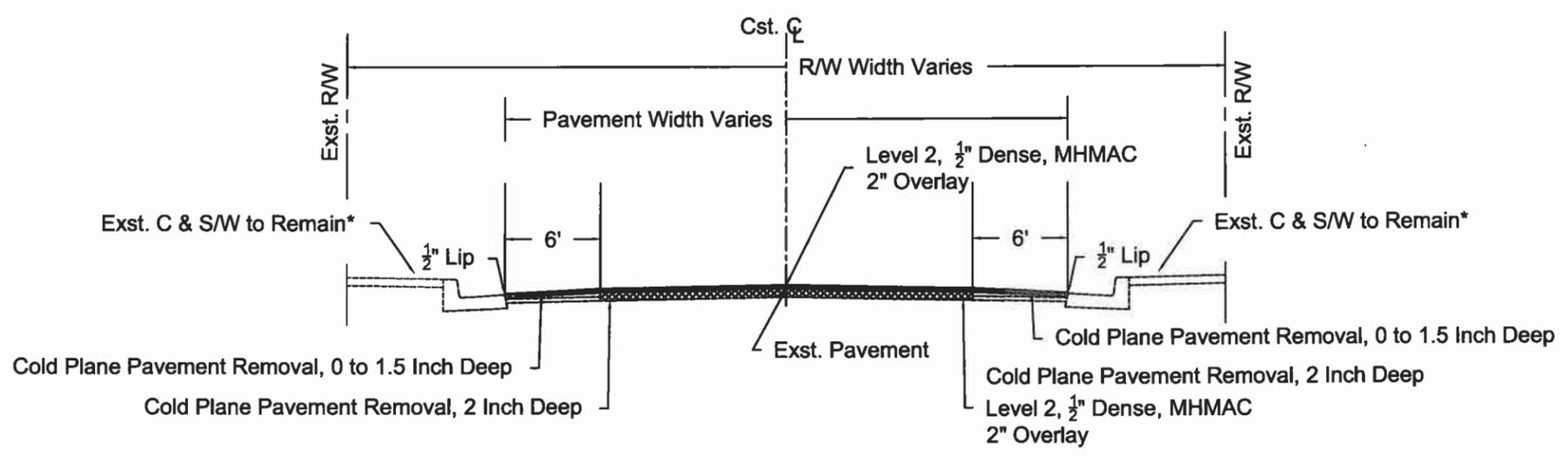
PAVING PLAN
 SCALE: D1.2



CROSS SECTION NO. D1



CROSS SECTION NO. D2



CROSS SECTION NO. D3



CITY OF WEST LINN
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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Club House Dr
 From Cheyenne Ter To Santa Anita Dr

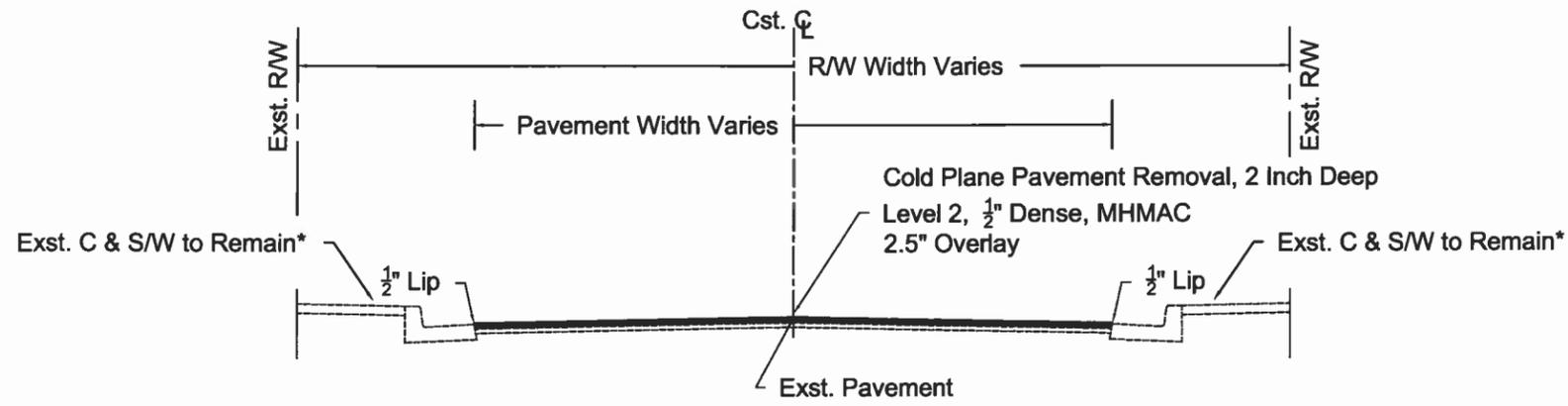
PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	
DATE	DESCRIPTION

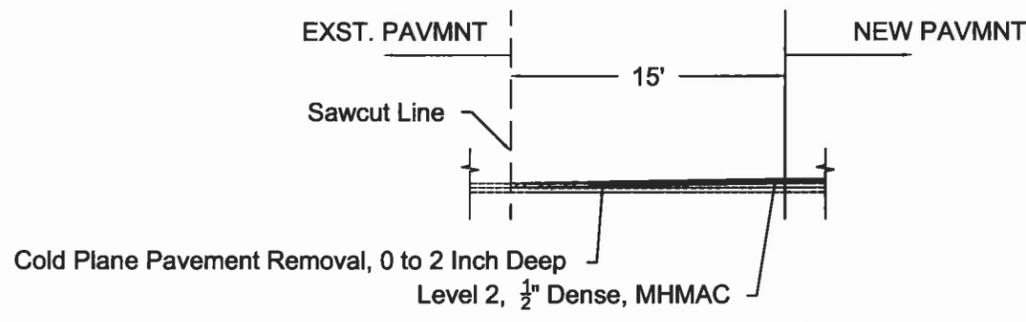
PAVING PLAN

SCALE:

D1.3



CROSS SECTION NO. D4



CROSS SECTION NO. D5



CITY OF WEST LINN
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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM
 Summit St
 From Skyline Dr To Renaissance Ct

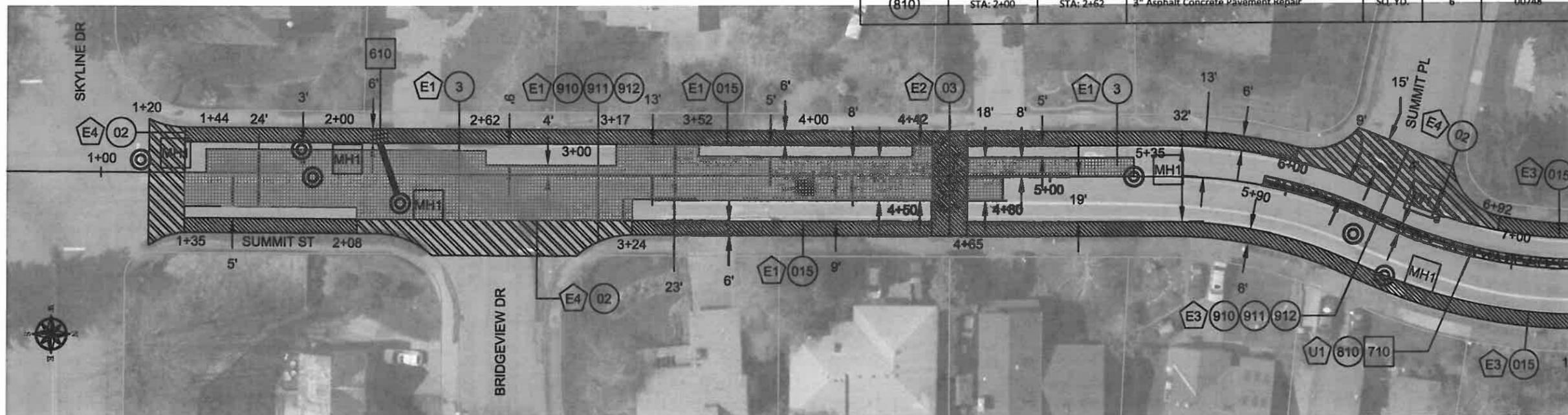
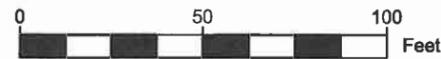
PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	
DATE	DESCRIPTION

PAVING PLAN
 SCALE: 1" = 50' Horizontal

E1.1

CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
015	STA: 1+35 STA: 1+35 STA: 3+24	STA: 4+50 STA: 2+08 STA: 4+50	Cold Plan Pavement Removal, 0 to 1.5 Inch Deep Per Section E1	SQ. YD.	343	00620
02	STA: 1+00 STA: 2+08	STA: 1+15 STA: 3+24	Cold Plan Pavement Removal, 0 to 2 Inch Deep Per Section E1	SQ. YD.	231	00620
03	STA: 4+50	STA: 4+65	Cold Plan Pavement Removal, 3 Inch Deep	SQ. YD.	73	00620
3	STA: 1+00	STA: 4+50	Cold Plan Pavement Removal, 3 Inch Deep	SQ. YD.	797	00620
910	STA: 1+00	STA: 4+50	Level 2, 1/2" Dense, MHMAC 3" Overlay Per Section E1	TON	136	00744
	STA: 1+00	STA: 4+65	Level 2, 1/2" Dense, MHMAC 2" Overlay Per Section E1	TON	203	00744
TOTAL					339	
911	STA: 1+00	STA: 4+65	Emulsified Asphalt for Tack Coat	TON	1	00730
912	STA: 1+00	STA: 4+65	Pavement Overlay Goertextile	SQ. YD.	1784	00350
W1	STA: 1+00	STA: 7+00	Adjustment Boxes CITY TO PROVIDE CONTRACTOR WITH WATER VALVE BOXES	EACH	1	00490
MH1	STA: 1+00	STA: 7+00	Minor Adjustment of Manholes	EACH	5	00490
610	STA: 2+00	STA: 2+62	Catch Basins, G2 Curb removal and replacement is incidental item	EACH	1	00475
			12 Inch, Concrete Pipe, 3' Depth	FOOT	25	00445
			Connection to Existing Structure	EACH	1	00490
810	STA: 2+00	STA: 2+62	3" Asphalt Concrete Pavement Repair	SQ. YD.	6	00748





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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM
 Summit St
 From Skyline Dr To Renaissance Ct

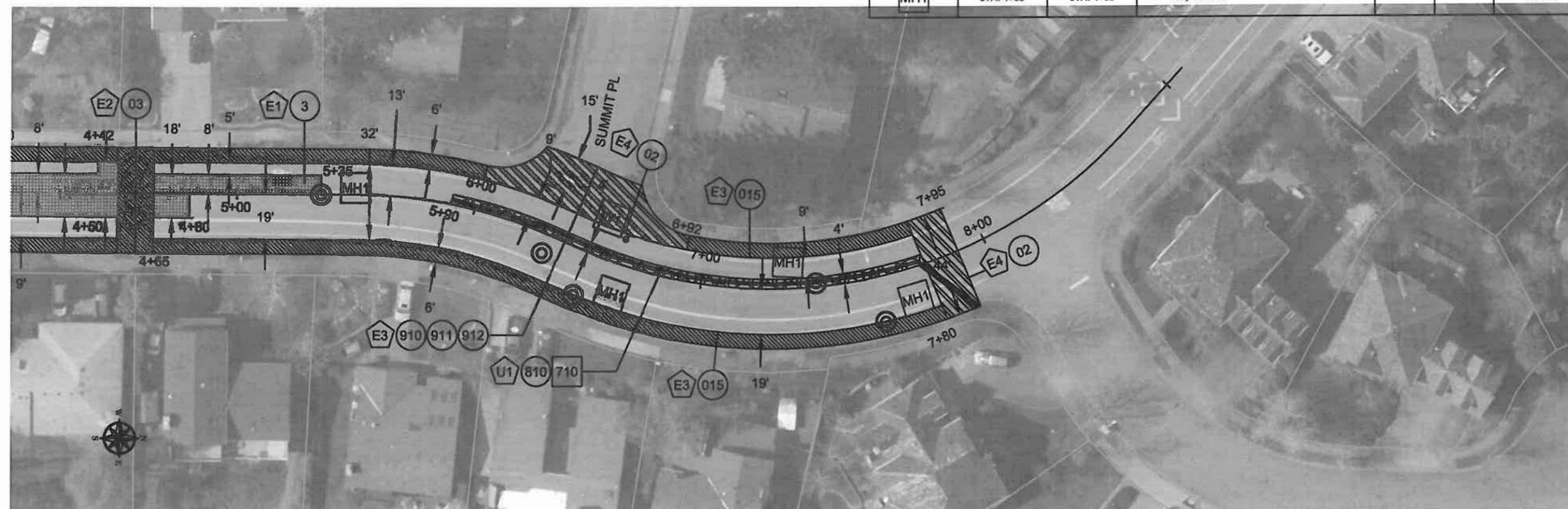
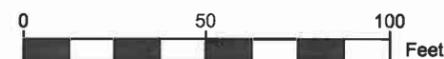
PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION
 DATE DESCRIPTION

PAVING PLAN
 SCALE: 1" = 50' Horizontal

E1.2

CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
015	STA: 4+65 STA: 6+92 STA: 4+65	STA: 6+00 STA: 7+80 STA: 7+80	Cold Plane Pavement Removal, 0 to 1.5 Inch Deep Per Section E1	SQ. YD.	382	00620
02	STA: 6+00 STA: 7+80	STA: 6+92 STA: 7+95	Cold Plane Pavement Removal, 0 to 2 Inch Deep Per Section E2	SQ. YD.	227	00620
3	STA: 4+65	STA: 5+35	Cold Plane Pavement Removal, 3 Inch Deep Per Section E2	SQ. YD.	79	00620
810	STA: 5+90	STA: 7+95	3" Asphalt Concrete Pavement Repair	SQ. YD.	97	00748
910	STA: 4+65	STA: 5+35	Level 2, 1/2" Dense, MHMAC 3" Overlay	TON	13	00740
	STA: 4+65	STA: 7+95	Level 2, 1/2" Dense, MHMAC 2" Overlay	TON	21	00744
TOTAL					34	
911	STA: 4+65	STA: 7+95	Emulsified Asphalt for Tack Coat	TON	1	00730
912	STA: 4+65	STA: 7+95	Pavement Overlay Geotextile	SQ. YD.	185	00350
710	STA: 5+90	STA: 4+65	4" Drain Pipe, Perforated Corrugated HDPE Per Section U1	LF	223	00430
			Connection to Existing Structures	EACH	1	00490
MH1	STA: 4+65	STA: 4+65	Minor Adjustment of Manholes	EACH	4	00490





CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
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 PHONE: (503) 567-0331
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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

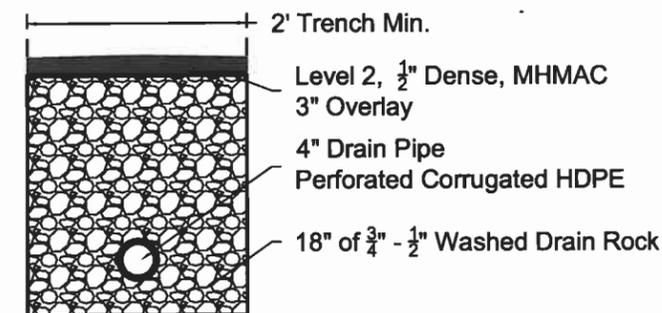
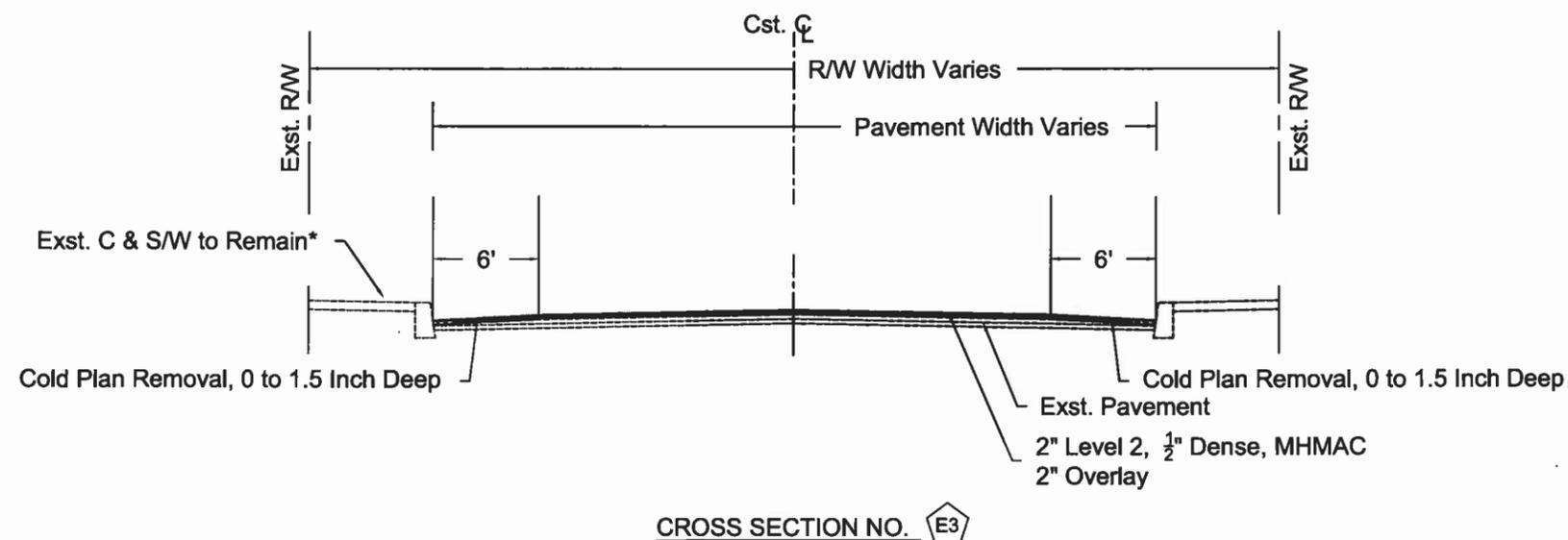
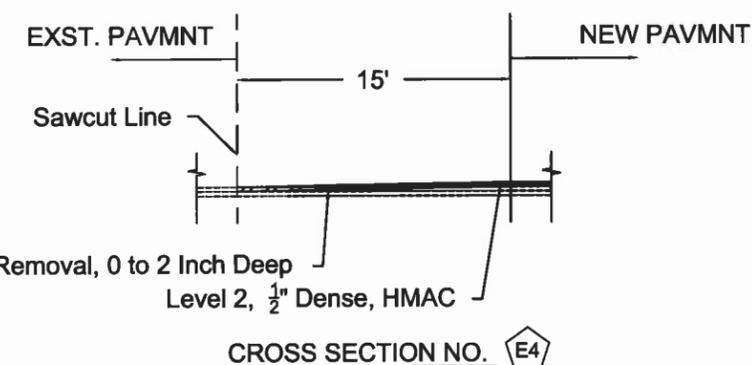
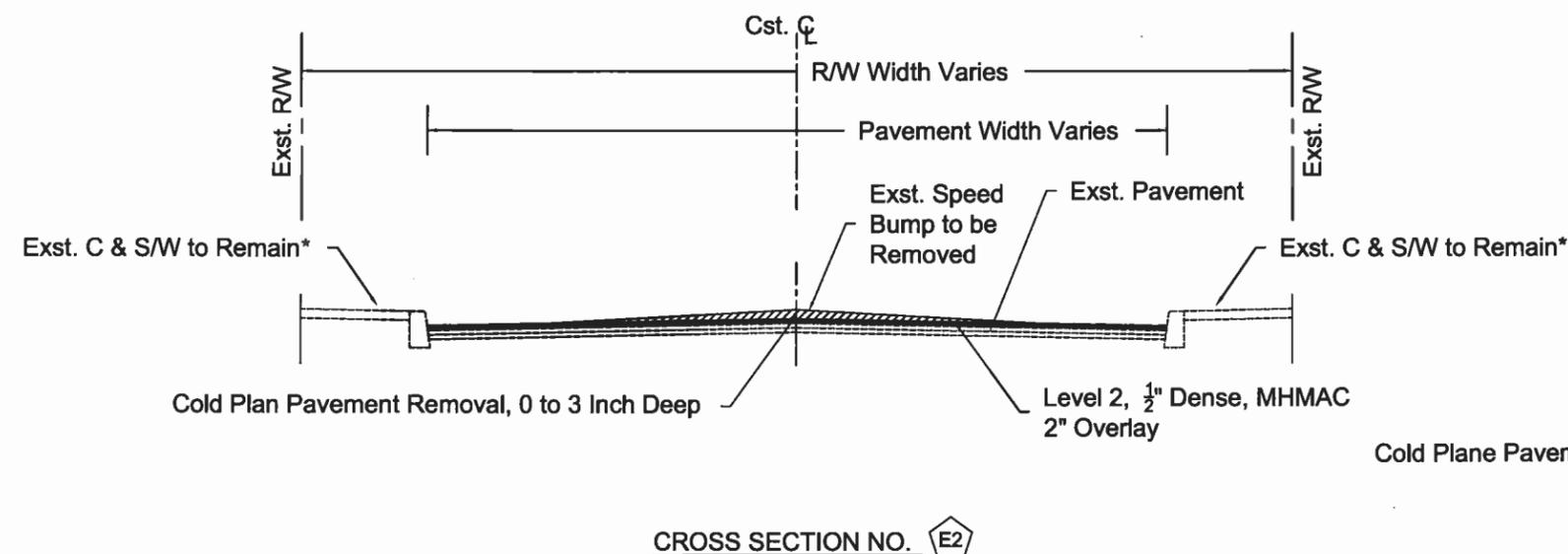
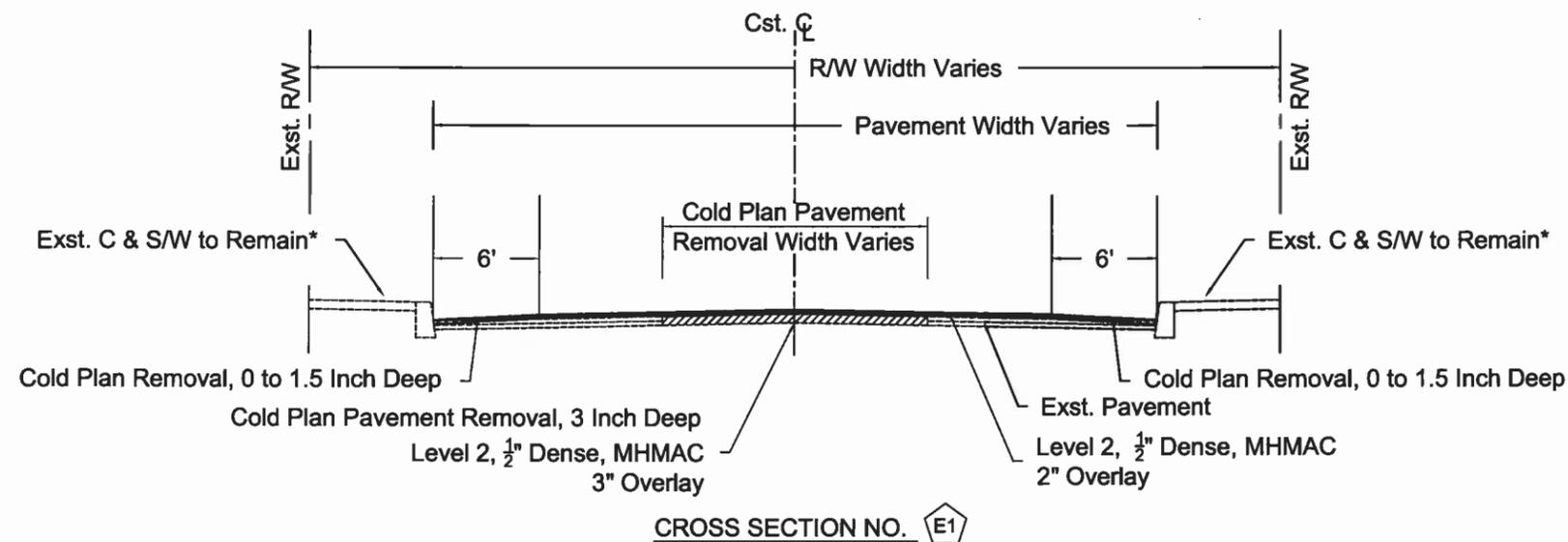
Summit St
 From Skyline Dr To Renaissance Ct

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	
DATE	DESCRIPTION

PAVING PLAN
 SCALE:

E1.3





CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
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 PHONE: (503) 567-0331
 FAX: (503) 650-9041



EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Warwick St
 From Dead End To Norfolk St

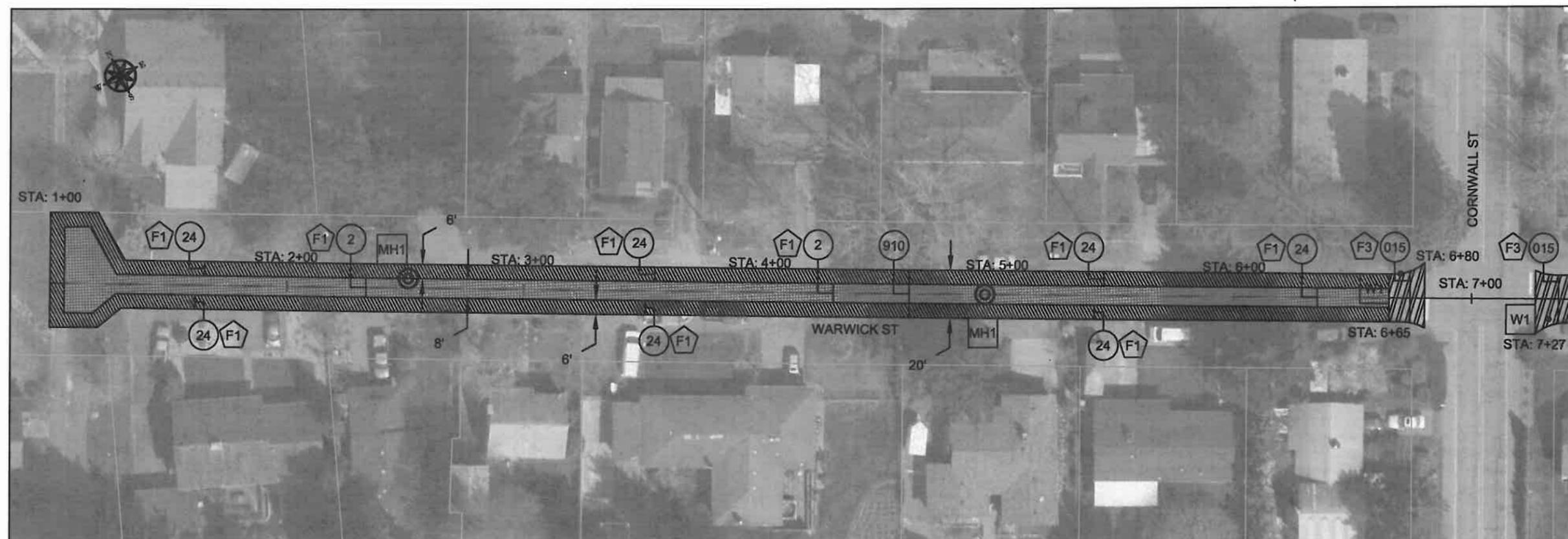
PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	
DATE	DESCRIPTION

PAVING PLAN
 SCALE: 1" = 50' Horizontal
F1.1

CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
24	STA: 1+00	STA: 6+65	Cold Plane Pavement Removal, 2 to 4 Inch Deep Per Section F1	SQ. YD.	787	00620
2	STA: 1+00	STA: 6+65	Cold Plane Pavement Removal, 2 Inch Deep Per Section F1	SQ. YD.	550	00620
015	STA: 6+65	STA: 6+80	Cold Plane Pavement Removal, 0 to 1.5" Inch Deep Per Section F3	SQ. YD.	36	00620
910	STA: 1+00	STA: 6+65	Level 2, 1/2" Dense, MHMAC Average 3" Overlay	TON	229	00744
	STA: 1+00	STA: 6+80	Level 2, 1/2" Dense, MHMAC 1-1/2" Overlay	TON	117	00744
TOTAL					346	
911	STA: 1+00	STA: 6+80	Emulsified Asphalt for Tack Coat	TON	1	00730
W1	STA: 1+00	STA: 6+80	Adjustment Boxes CITY TO PROVIDE CONTRACTOR WITH WATER VALVE BOXES	EACH	1	00490
MH1	STA: 1+00	STA: 6+80	Minor Adjustment of Manholes	EACH	2	00490



MATCH STA: 6+80



CITY OF WEST LINN
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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

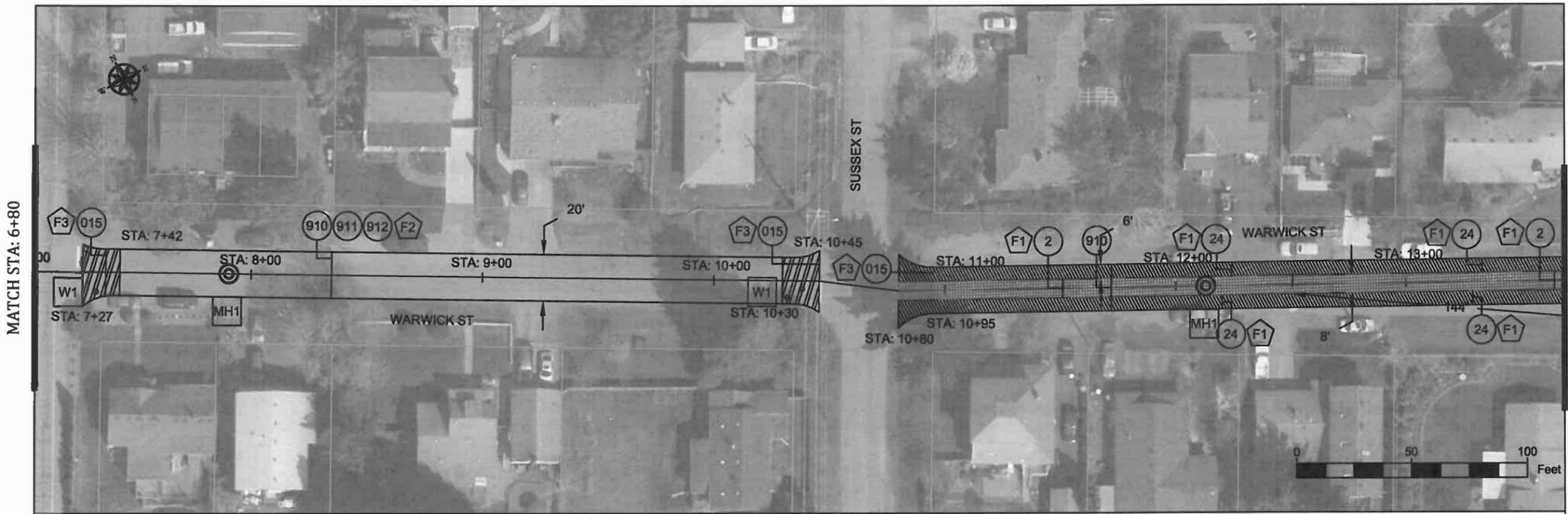
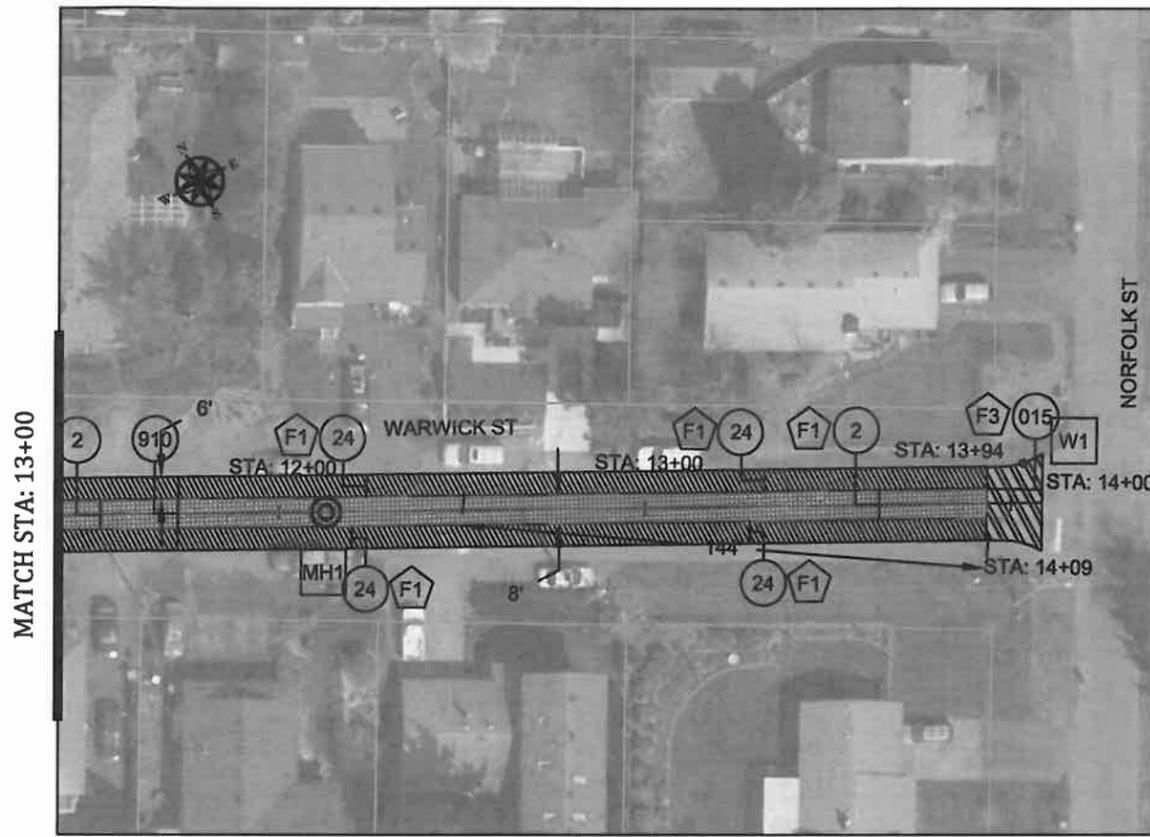
Warwick St
 From Dead End To Norfolk St

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	
DATE	DESCRIPTION

PAVING PLAN
 SCALE: 1" = 50' Horizontal
F1.2

CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
24	STA: 10+95	STA: 13+94	Cold Plane Pavement Removal, 2 to 4 Inch Deep Per Section F1	SQ. YD.	424	00620
2	STA: 10+95	STA: 13+94	Cold Plane Pavement Removal, 2 Inch Deep Per Section F1	SQ. YD.	279	00620
015	STAT: 7+27 STA: 10+30 STA: 10+80 STA: 13+95	STA: 7+42 STA: 10+45 STA: 10+95 STA: 14+09	Cold Plane Pavement Removal, 0 to 1.5 Inch Deep Per Section F3	SQ. YD.	112	00620
910	STA: 10+95	STA: 13+94	Level 2, 1/2" Dense, MHMAC Average 3" Overlay F1 AND F2	TON	121	00744
	STA: 7+27	STA: 14+09	Level 2, 1-1/2" Dense, MHMAC 1-1/2" Overlay F1 AND F2	TON	240	00744
TOTAL					361	
911	STA: 7+27	STA: 10+45	EMULSIFIED ASPHALT FOR TACK COAT	TON	1	00730
912	STA: 7+27	STA: 10+45	PAVEMENT OVERLAY GEOTEXTILE	SQ. YD.	714	00350
W1	STA: 7+27	STA: 14+09	Adjustment Boxes CITY TO PROVIDE CONTRACTOR WITH WATER VALVE BOXES	EACH	4	00490
MH1	STA: 7+27	STA: 14+09	Minor Adjustment of Manholes	EACH	3	00490



MATCH STA: 13+00

MATCH STA: 6+80

MATCH STA: 13+00



CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
 WWW.WESTLINNOREGON.GOV
 PHONE: (503) 567-0331
 FAX: (503) 650-9041



EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Warwick St
 From Dead End To Norfolk St

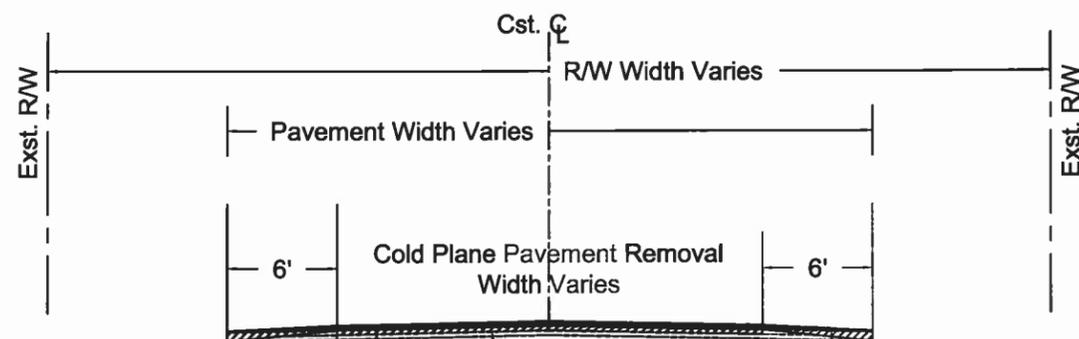
PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	
DATE	DESCRIPTION

PAVING PLAN

SCALE:

F1.3

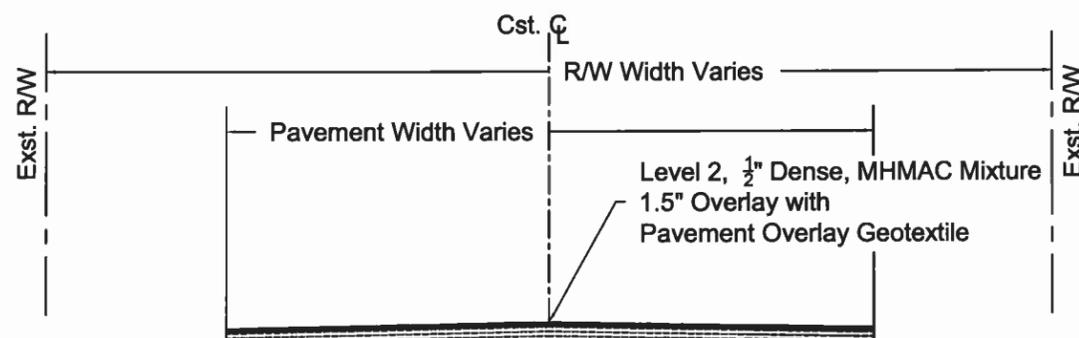


Cold Plane Pavement Removal, 2 to 4 Inch Deep
 Level 2, 1/2" Dense, MHMAC Mixture
 Average 3" Overlay
 Level 2, 1/2" Dense, MHMAC Mixture
 1.5" Overlay - Final Lift

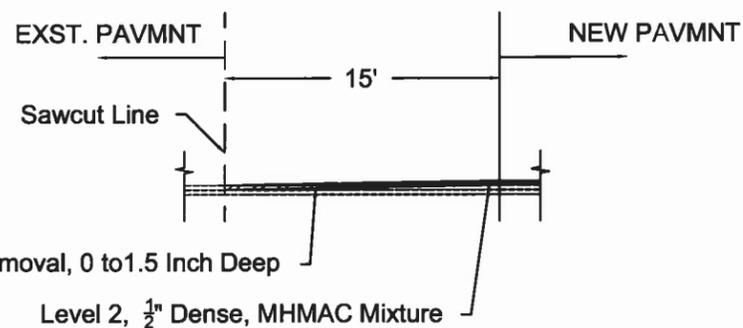
Cold Plane Pavement Removal, 2 to 4 Inch Deep

Cold Plane Pavement Removal, 2 Inch Deep

CROSS SECTION NO. F1



CROSS SECTION NO. F2



Cold Plan Pavement Removal, 0 to 1.5 Inch Deep

Level 2, 1/2" Dense, MHMAC Mixture

CROSS SECTION NO. F3



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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Cambridge St
 from Cornwall St To Exeter St

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	DATE	DESCRIPTION

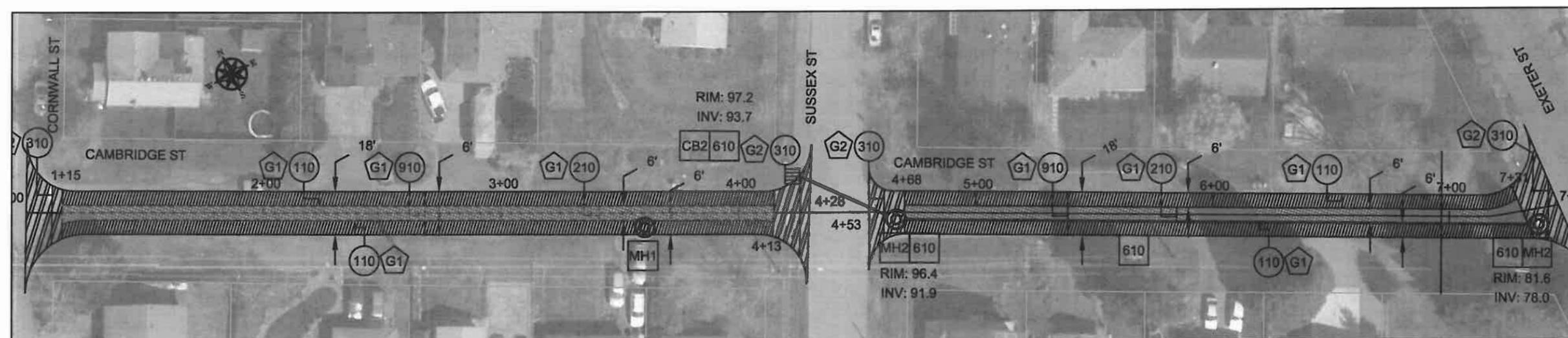
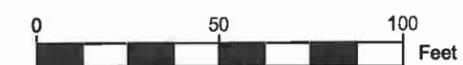
PAVING PLAN
 SCALE: 1" = 50' Horizontal

G1.1

CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
24	STA: 1+15 STA: 1+15 STA: 4+68 STA: 4+68	STA: 4+13 STA: 4+13 STA: 7+31 STA: 7+31	Cold Plane Pavement Removal, 2 to 4 Inch Deep Per Section G1	SQ. YD.	748	00620
2	STA: 1+15 STA: 4+68	STA: 4+13 STA: 7+31	Cold Plane Pavement Removal, 2 Inch Deep Per Section G1	SQ. YD.	378	00620
015	STA: 1+00 STA: 4+13 STA: 4+53 STA: 7+31	STA: 1+15 STA: 4+28 STA: 4+68 STA: 7+46	Cold Plane Pavement Removal, 0 to 1.5 Inch Deep Per Section G2	SQ. YD.	200	00620
910	STA: 1+15	STA: 7+31	Level 2, 1/2" Dense, MHMAC Average 3" Overlay	TON	195	00744
	STA: 1+00	STA: 7+46	Level 2, 1/2" Dense, MHMAC 1-1/2" Overlay	TON	115	00744
TOTAL					310	
911	STA: 1+00	STA: 7+46	Emulsified Asphalt for Tack Coat	TON	1	00730
MH1	STA: 1+00	STA: 7+46	Minor Adjustment of Manholes	EACH	1	00490
CB2	STA: 4+00	STA: 7+40	Catch Basins, G2	EACH	1	00470
MH2			Concrete Storm Sewer Manholes	EACH	2	00470
610			12 Inch, Reinforced Concrete Pipe	FOOT	310	04470
			Connection to Existing Structure Install Manhole over Existing Storm Pipe	EACH	1	00490

NOTE: Existing Inlet & Drain to be abandoned by City of West Linn Public Works Department

BENCH MARK: North Flange Bolt on Hydrant at Intersection of Sussex St and Cambridge St.
 Elevation: 100.00





CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
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 FAX: (503) 650-9041



EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Cambridge St
 from Cornwall St To Exeter St

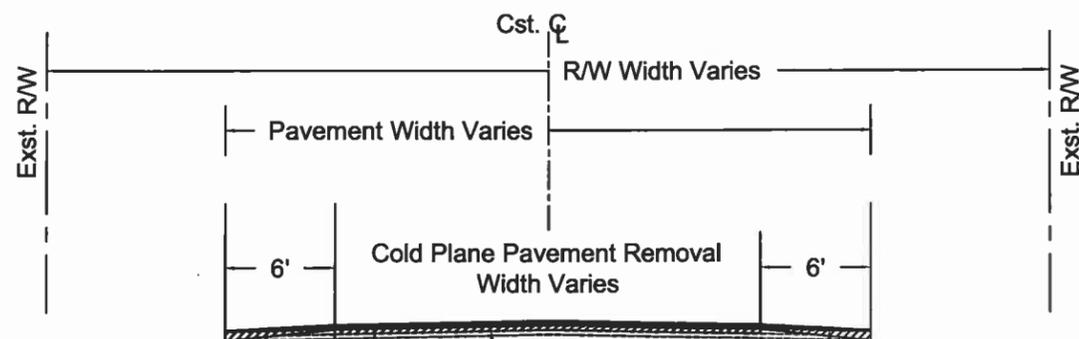
PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	DATE	DESCRIPTION

PAVING PLAN

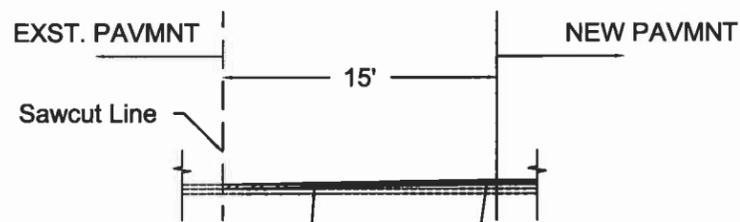
SCALE:

G1.2



Cold Plane Pavement Removal, 2 to 4 Inch Deep
 Level 2, 1/2" Dense, MHMAC Mixture
 Average 3" Overlay
 Cold Plane Pavement Removal, 2 to 4 Inch Deep
 Level 2, 1/2" Dense, MHMAC Mixture
 1.5" Overlay
 Cold Plane Pavement Removal, 2 Inch Deep

CROSS SECTION NO. G1

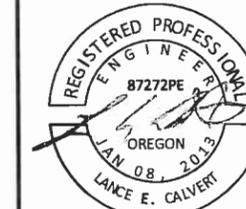


Cold Plan Pavement Removal, 0 to 1.5 Inch Deep
 Level 2, 1/2" Dense, MHMAC Mixture

CROSS SECTION NO. G2



CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
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 PHONE: (503) 567-0331
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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM
 Sussex St
 From Sunset St To Lancaster St

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

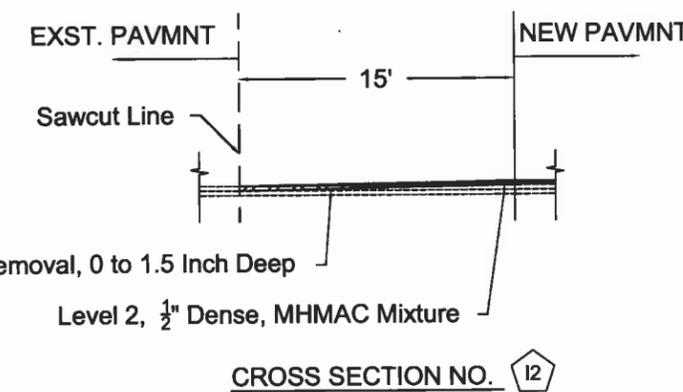
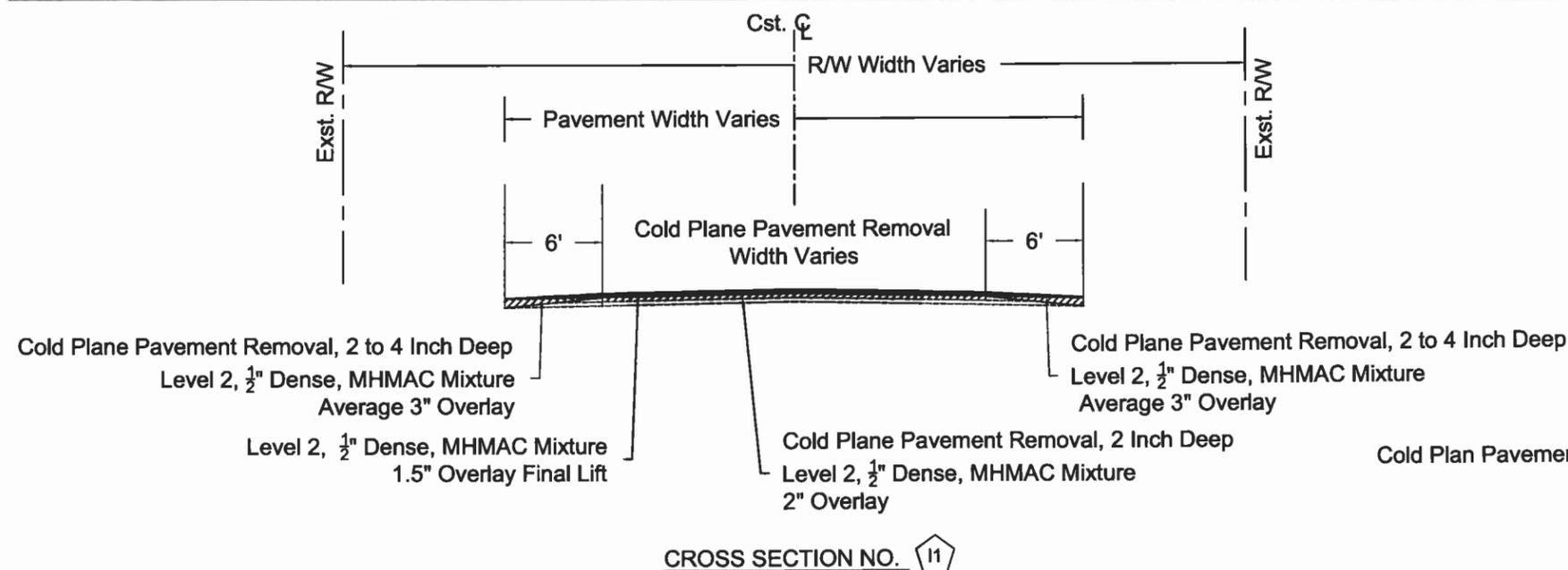
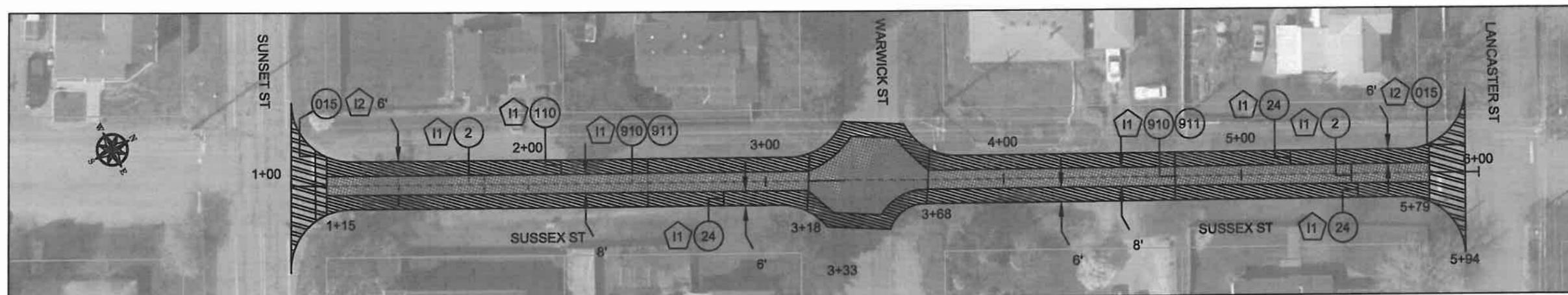
REVISION
 DATE DESCRIPTION

PAVING PLAN

SCALE: 1" = 50' Horizontal

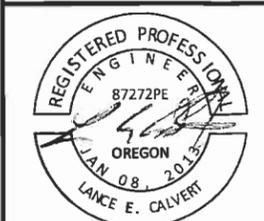
11.1

CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
24	STA: 1+15 STA: 1+15	STA: 5+79 STA: 5+79	Cold Plane Pavement Removal, 2 to 4 Inch Deep Per Section 11	SQ. YD.	589	00620
2	STA: 1+00 STA: 3+68	STA: 3+18 STA: 5+79	Cold Plane Pavement Removal, 2 Inch Deep Per Section 11	SQ. YD.	497	00620
015	STA: 1+00 STA: 5+79	STA: 1+15 STA: 5+94	Cold Plane Pavement Removal, 0 to 1.5" Deep Per Section 12	SQ. YD.	139	00620
910	STA: 1+00	STA: 6+00	Level 2, 1/2" Dense, MHMAC Average 3" Overlay	TON	200	00744
	STA: 1+00	STA: 6+00	Level 2, 1/2" Dense, MHMAC 1.5" Overlay	TON	130	00744
TOTAL					330	
911	STA: 1+00	STA: 6+00	Emulsified Asphalt for Tack Coat	TON	1	00730





CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
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CONTRACTOR
 NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

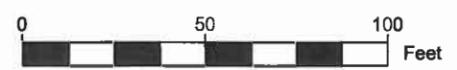
2013 ROAD IMPROVEMENT PROGRAM
 Bonnet Dr
 from Oxford St to Dead End

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	
DATE	DESCRIPTION

PAVING PLAN
 SCALE: 1" = 50' Horizontal
J1.1

CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
2	STA: 1+15 STA: 1+15	STA: 8+04 STA: 8+04	Cold Plane Pavement Removal, 2 Inch Deep Per Section J1	SQ. YD.	2900	00620
02	STA: 1+00	STA: 1+15	Cold Plane Pavement Removal, 0 to 2 Inch Deep Per Section J2	SQ. YD.	200	00620
910	STA: 1+00	STA: 8+04	Level 2, 1/2" Dense, MHMAC 3" Overlay	TON	496	00744
				TOTAL	496	
911	STA: 1+00	STA: 8+04	Emulsified Asphalt for Tack Coat	TON	1.5	00730
W1	STA: 1+00	STA: 8+04	Adjustment Boxes CITY TO PROVIDE CONTRACTOR WITH WATER VALVE BOXES	EACH	2	00490
MH1	STA: 1+00	STA: 8+04	Minor Adjustment of Manholes	EACH	1	00490

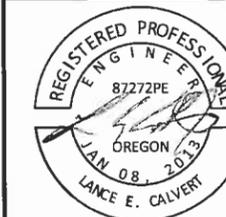


MATCH STA: 7+00

MATCH STA: 7+00



CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
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 PHONE: (503) 567-0331
 FAX: (503) 650-9041



EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

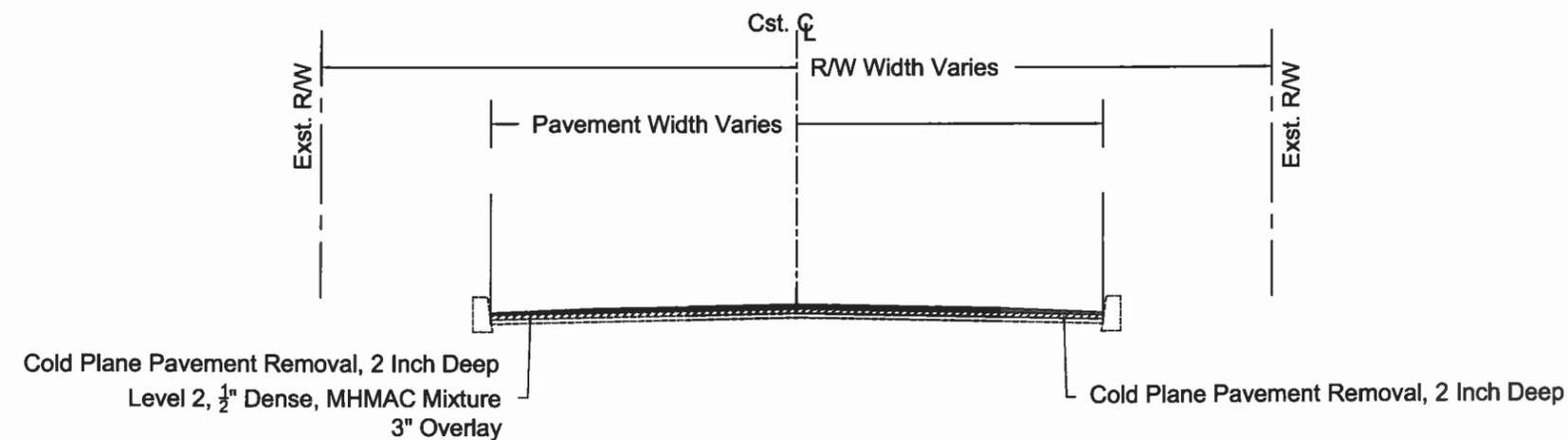
Bonnet Dr from Oxford St
 To Dead End

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: L CALVERT
 DATE: JULY 1, 2013

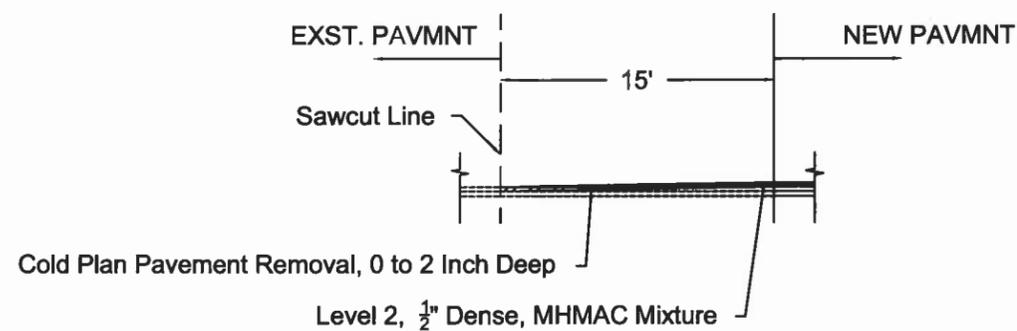
REVISION	
DATE	DESCRIPTION

PAVING PLAN

SCALE:
J1.2



CROSS SECTION NO. J1



CROSS SECTION NO. J2



CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
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 PHONE: (503) 567-0331
 FAX: (503) 650-9041



EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Oregon City Blvd
 from Bonnet Dr to Clark St

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

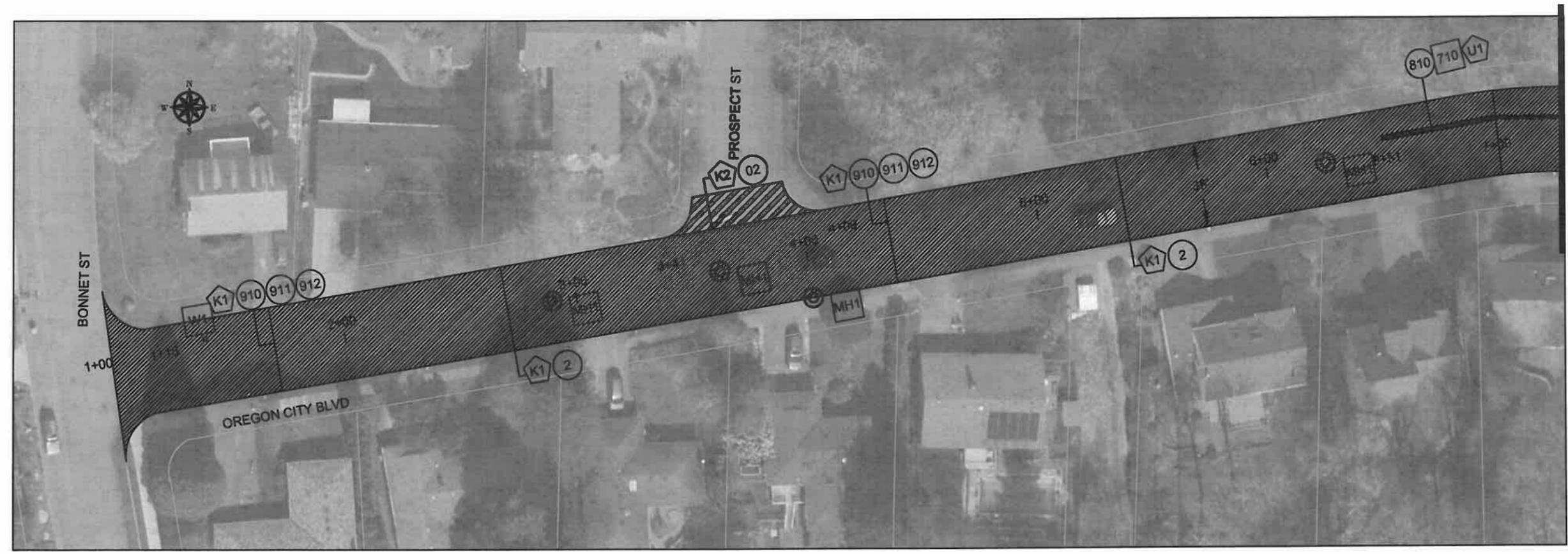
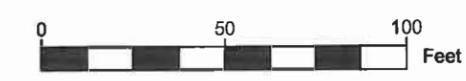
REVISION	
DATE	DESCRIPTION

PAVING PLAN
 SCALE: 1" = 50' Horizontal

K1.1

CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
2	STA: 1+00	STA: 7+00	Cold Plane Pavement Removal, 2 Inch Deep Per Section K1	SQ. YD.	2416	00620
02	STA: 3+41	STA: 4+09	Cold Plane Pavement Removal, 0 to 2 Inch Deep Per Section K2	SQ. YD.	76	00620
810	STA: 6+51	STA: 7+00	3" Asphalt Concrete Pavement Repair	SQ. YD.	11	00748
910	STA: 1+00	STA: 7+00	Level 2, 1-1/2" Dense, MHMAC 2" Overlay	TON	428	00744
TOTAL					428	
911	STA: 1+00	STA: 7+00	Emulsified Asphalt for Tack Coat	TON	1.25	00730
710	STA: 6+51	STA: 7+00	4" Drain Pipe, Perforated Corrugated HDPE Per Section U1	LF	49	00430
W1	STA: 1+00	STA: 7+00	Adjustment Boxes CITY TO PROVIDE CONTRACTOR WITH WATER VALVE BOXES	EACH	1	00490
MH1	STA: 1+00	STA: 7+00	Minor Adjustment of Manholes	EACH	4	00490



MATCH STA: 7+00



CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
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 PHONE: (503) 567-0331
 FAX: (503) 650-9041



EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Oregon City Blvd
 from Bonnet Dr to Clark St

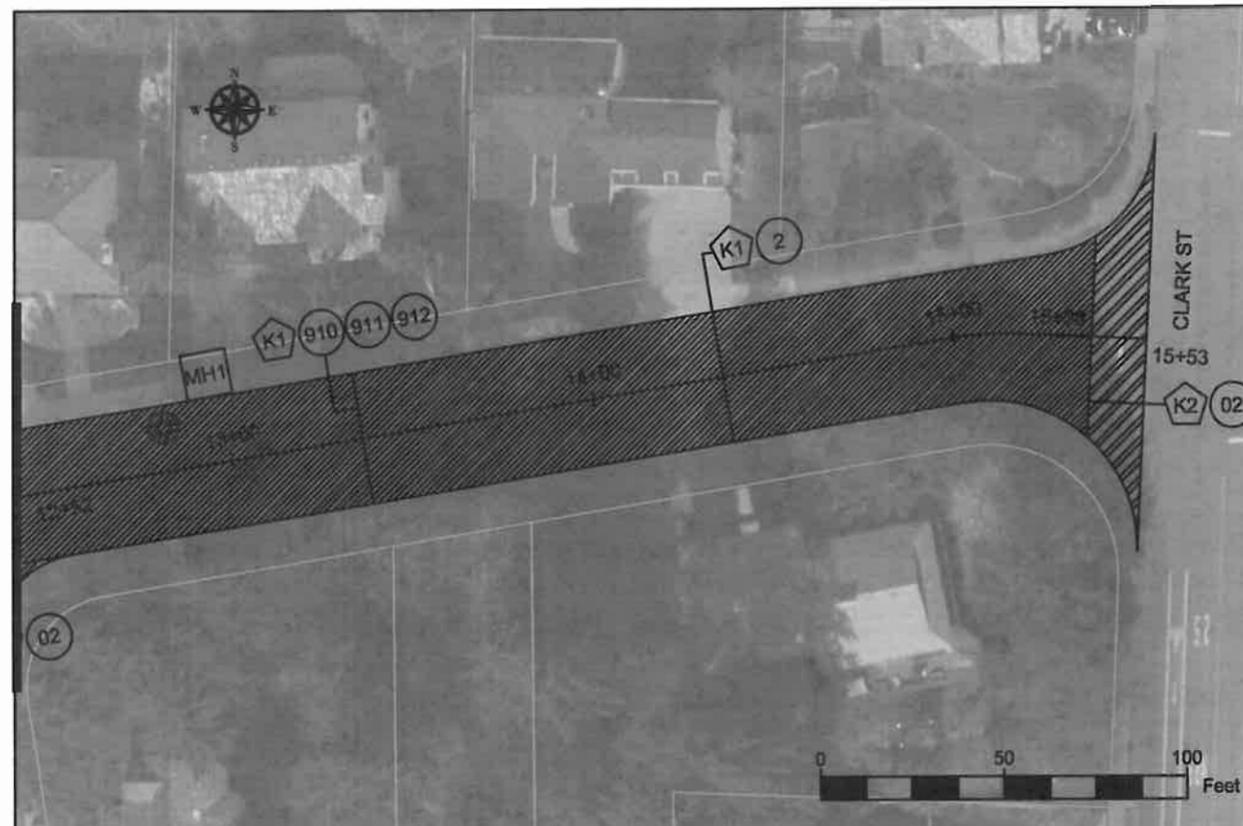
PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	
DATE	DESCRIPTION

PAVING PLAN
 SCALE: 1" = 50' Horizontal
K1.2

CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
2	STA: 7+00 STA: 7+00	STA: 15+35 STA: 15+35	Cold Plane Pavement Removal, 2 Inch Deep Per Section K1	SQ. YD.	3889	00620
02	STA: 11+63 STA: 15+38	STA: 12+52 STA: 15+53	Cold Plane Pavement Removal, 0 to 2 Inch Deep Per Section K2	SQ. YD.	233	00620
810	STA: 7+00	STA: 7+80	3" Asphalt Concrete Pavement Repair	SQ. YD.	18	00748
910	STA: 7+00	STA: 15+53	Level 2, 1-1/2" Dense, MHMAC 2" Overlay	TON	707	00744
TOTAL					707	
911	STA: 7+00	STA: 15+53	Emulsified Asphalt for Tack Coat	TON	2	00730
710	STA: 7+00	STA: 7+80	4" Drain Pipe, Perforated Corrugated HDPE Per Section U1	LF	80	00430
			Connection to Existing Structures (Existing Storm Pipe)	EACH	1	00490
W1	STA: 7+00	STA: 15+53	Adjustment Boxes CITY TO PROVIDE CONTRACTOR WITH WATER VALVE BOXES	EACH	2	00490
MH1	STA: 7+00	STA: 15+53	Minor Adjustment of Manholes	EACH	3	00490

MATCH STA: 12+00



MATCH STA: 7+00



MATCH STA: 12+00



CITY OF WEST LINN
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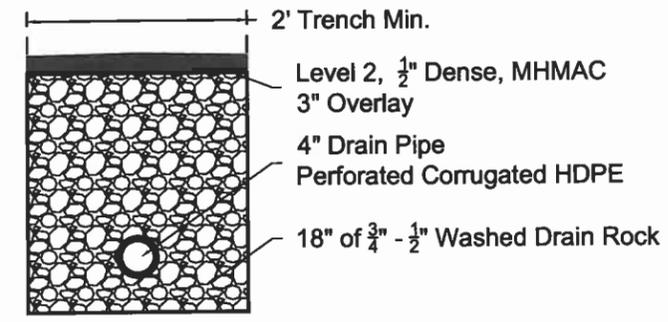
CONTRACTOR
 NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM
 Oregon City Blvd
 from Bonnet Dr to Clark St

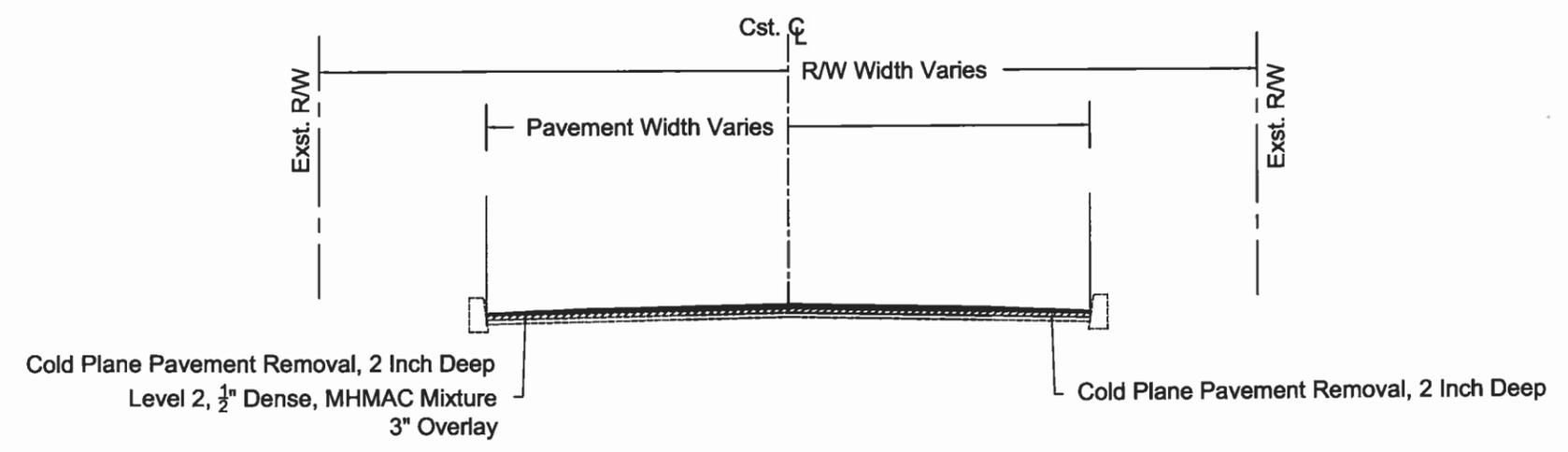
PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	
DATE	DESCRIPTION

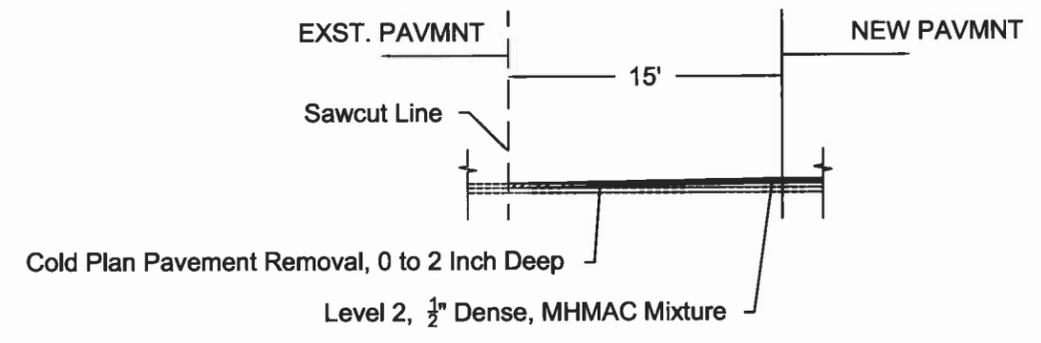
PAVING PLAN
 SCALE:
K1.3



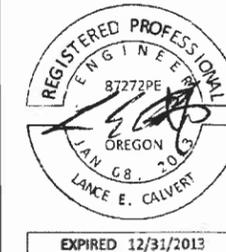
CROSS SECTION NO. U1



CROSS SECTION NO. K1



CROSS SECTION NO. K2



CONTRACTOR

NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM

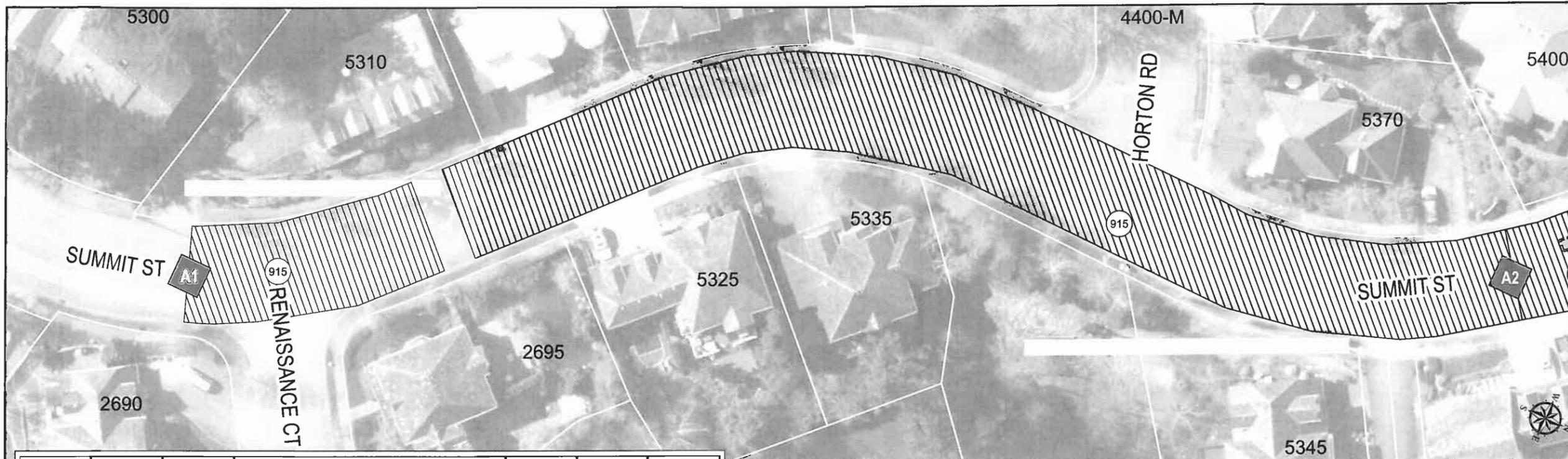
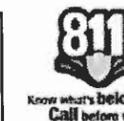
Summit St
 from Renaissance Ct to Pimlico Dr

PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: L CALVERT, PE
 DATE: JULY 1, 2013

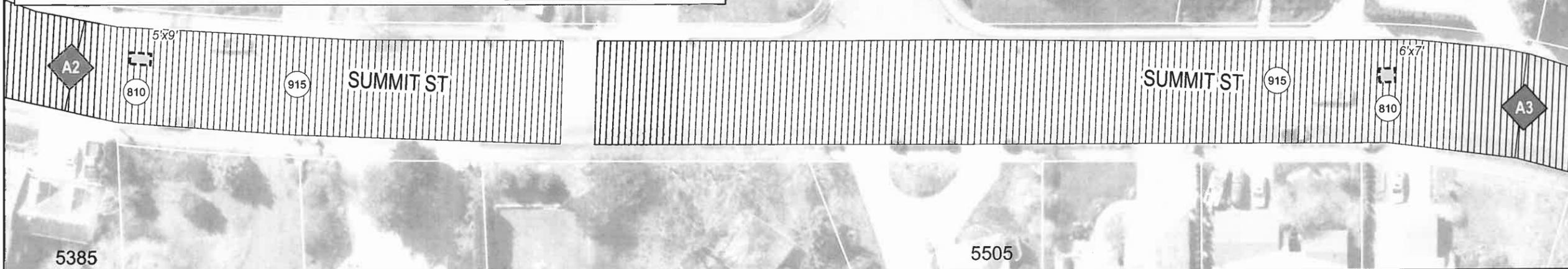
REVISIONS	
DATE	DESCRIPTION
5-3-2013	Initial GIS Map
5-16-2013	GIS Map Updates

SLURRY SEAL PLAN

L1.1



NO.	BEGIN STATION	END STATION	DESCRIPTION	UNIT	QUANTITY	ODOT SPEC. SECT
810	A1	A2	3" ASPHALT CONCRETE PAVEMENT REPAIR	SQ. YD.	0	00748
	A2	A3			10	
	A3	A4			73	
	A4	A5			11	
	TOTAL				94	
915	A1	A2	EMULSIFIED ASPHALT SLURRY SEAL SURFACE	SQ. YD.	2,800	00706
	A2	A3			3,100	
	A3	A4			3,300	
	A4	A5			3,200	
	TOTAL				12,400	



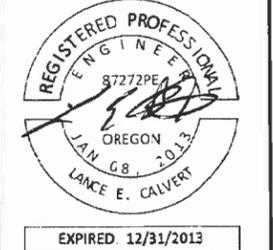
GENERAL NOTE
 All work within the public right-of-way shall conform to the City of West Linn Public Works Standard Construction Specifications and Details.

GIS BASE MAP INFORMATION
 Data Source: West Linn GIS
 OGIC Disclaimer: This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

ATTENTION
 Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0090. You may obtain copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is (503) 232-1987.)



CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
 WWW.WESTLINNOREGON.GOV
 PHONE: (503) 657-0331
 FAX: 503) 650-9041



CONTRACTOR

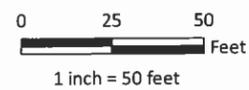
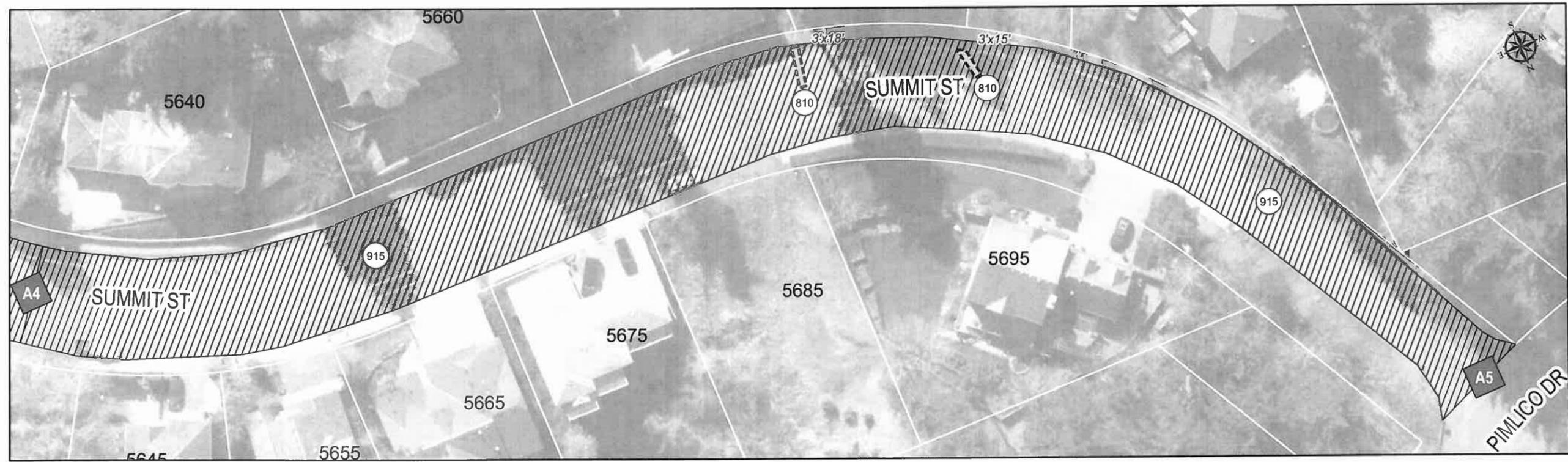
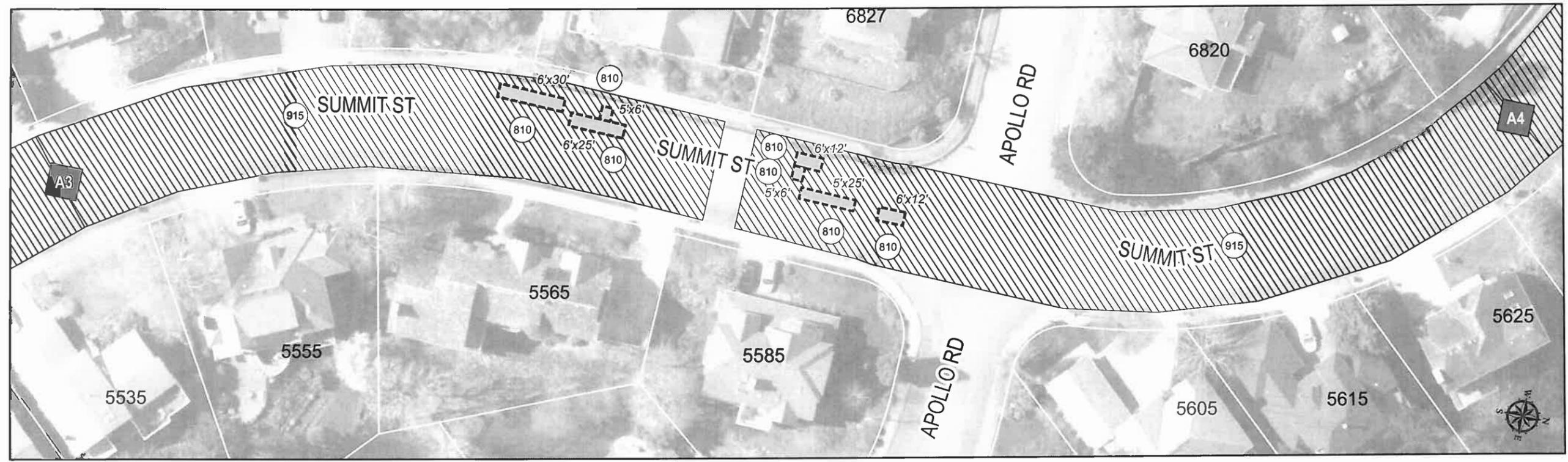
NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM
 Summit St
 from Renaissance Ct to Pimlico Dr

PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: L.CALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-3-2013	Initial GIS Map
5-16-2013	GIS Map Updates

SLURRY SEAL PLAN
L1.2

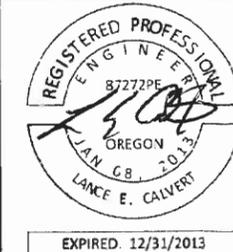


GENERAL NOTE
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GIS BASE MAP INFORMATION
 Data Source: West Linn GIS
 OGIC Disclaimer: This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

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MAP CREATED: 5/20/2013 LOC: G:\PROJECTS\GIS\STREETPROJECTS\WESTLINN\PROJECTSUMMER2013\DETAILED_MAPS\LO1_SUMMITSTREET_DETAIL_201305.MXD | KAHA



CONTRACTOR

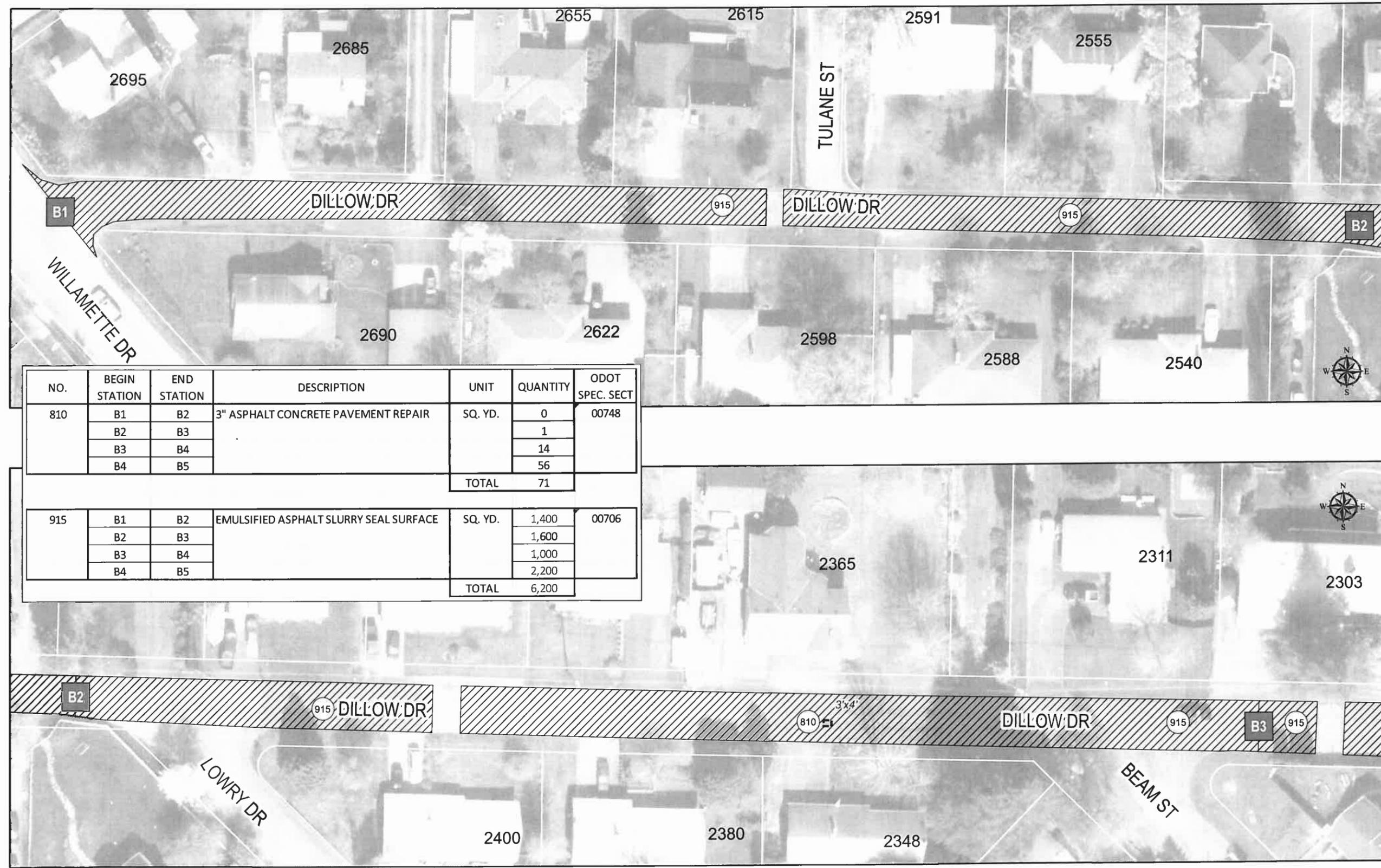
NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM
 Dillow Dr from Willamette Dr including Larson Ave through Maple Ter

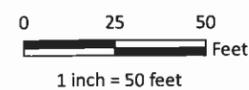
PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: L CALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN
L2.1



NO.	BEGIN STATION	END STATION	DESCRIPTION	UNIT	QUANTITY	ODOT SPEC. SECT
810	B1	B2	3" ASPHALT CONCRETE PAVEMENT REPAIR	SQ. YD.	0	00748
	B2	B3			1	
	B3	B4			14	
	B4	B5			56	
	TOTAL				71	
915	B1	B2	EMULSIFIED ASPHALT SLURRY SEAL SURFACE	SQ. YD.	1,400	00706
	B2	B3			1,600	
	B3	B4			1,000	
	B4	B5			2,200	
	TOTAL				6,200	



Repairs (810)

Slurry Seal Pavement Areas (915)

GENERAL NOTE
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 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
 WWW.WESTLINNOREGON.GOV
 PHONE: (503) 657-0331
 FAX: 503) 650-9041



EXPIRED 12/31/2013

CONTRACTOR

NAME: N/A
 ADDRESS: N/A

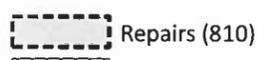
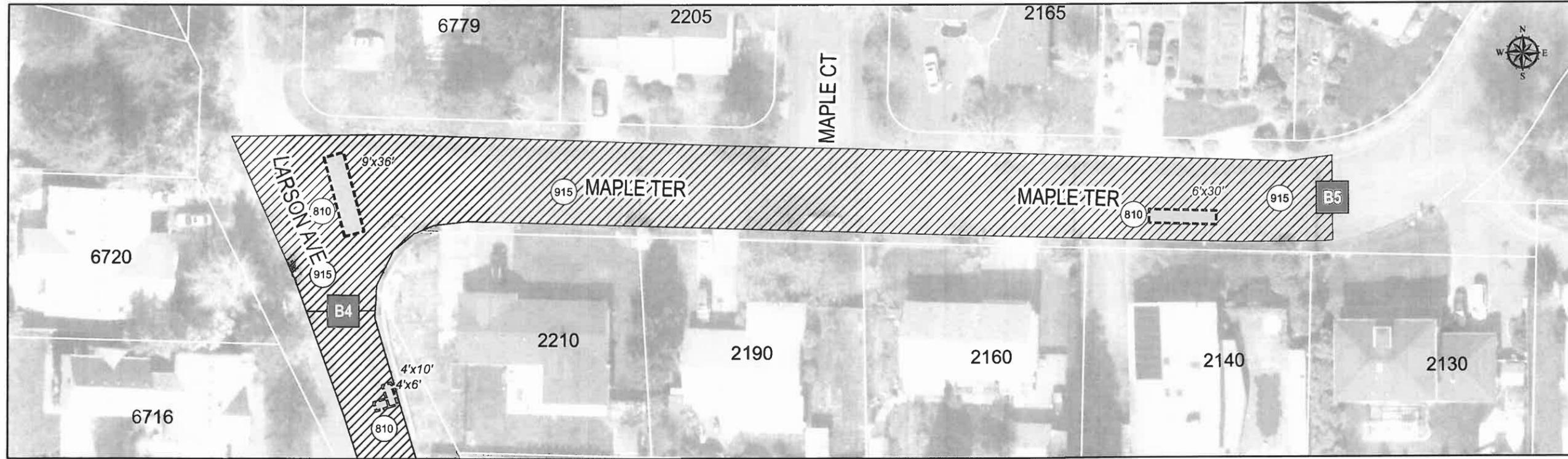
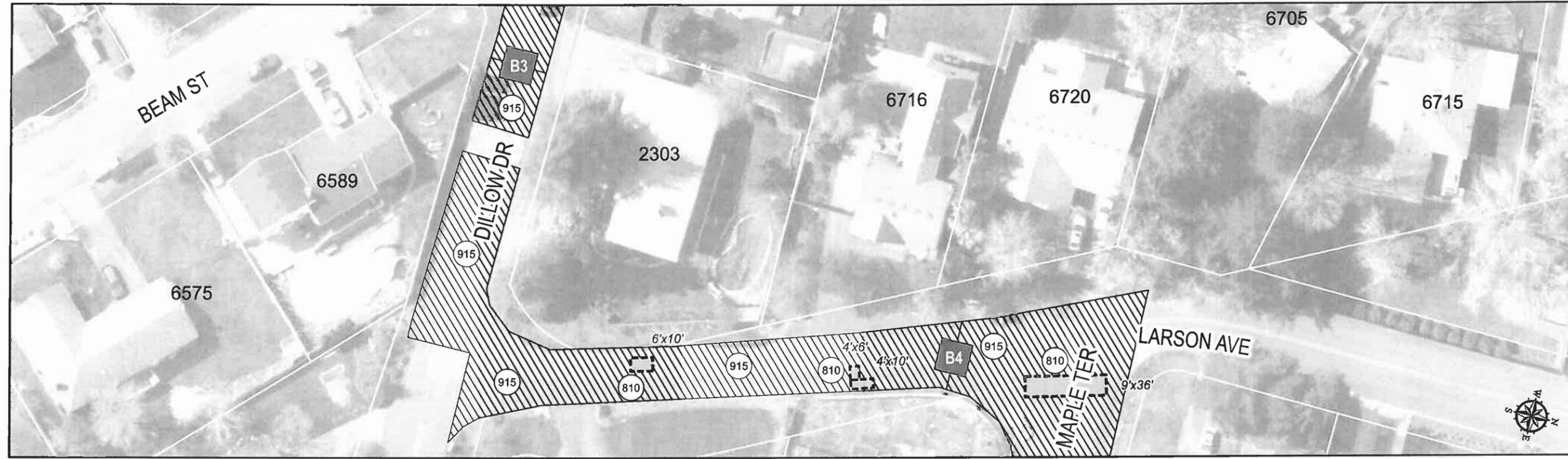
PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM
 Dillow Dr from Willamette Dr
 including Larson Ave through Maple Ter

PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: LCAVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN
L2.2



GENERAL NOTE
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 FAX: 503) 650-9041



EXPIRED: 12/31/2013

CONTRACTOR

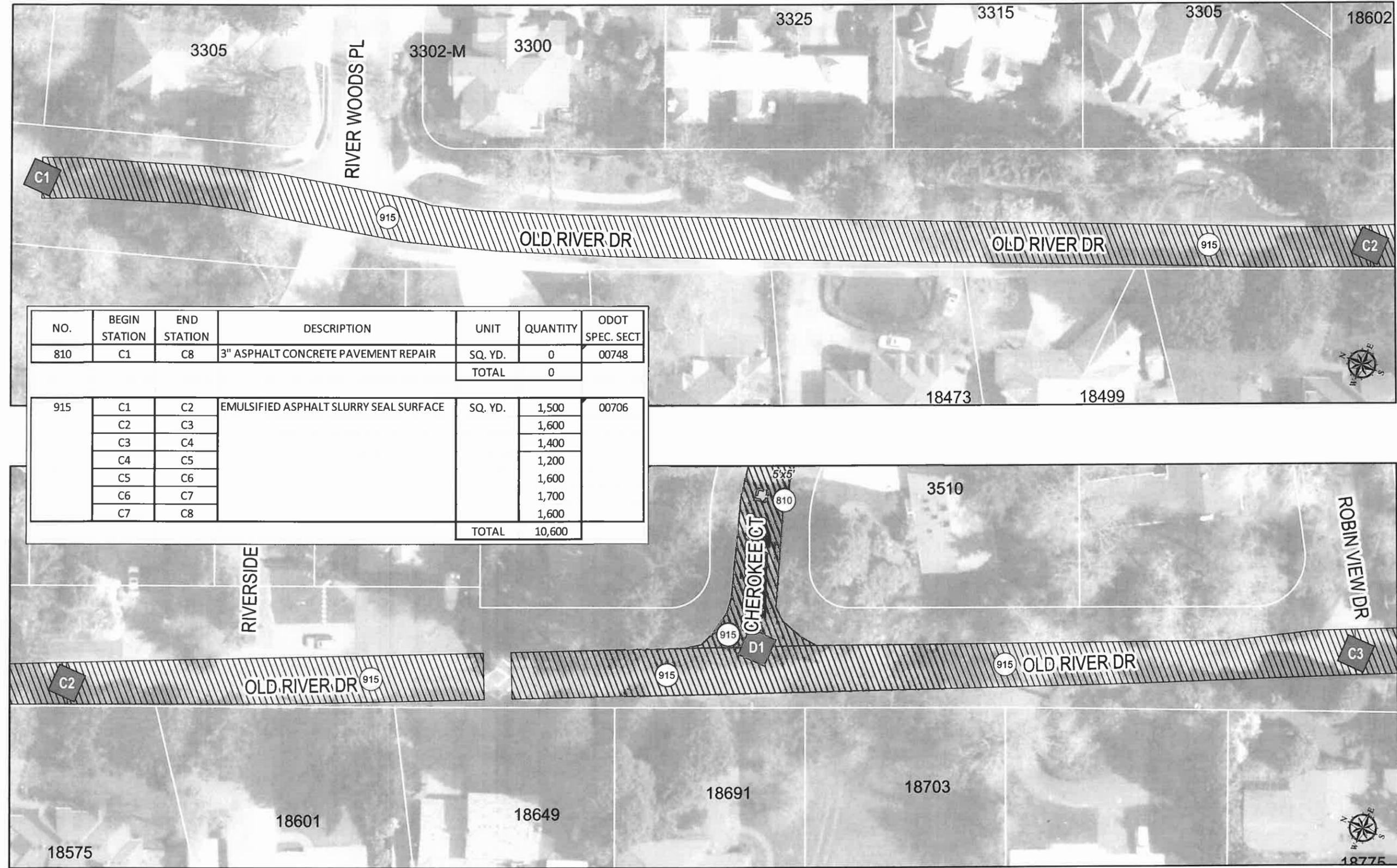
NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM
 Old River Dr
 from River Woods Pl to Cedaroak Dr

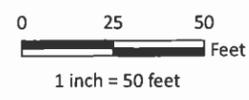
PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: L CALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN
L3.1



NO.	BEGIN STATION	END STATION	DESCRIPTION	UNIT	QUANTITY	ODOT SPEC. SECT
810	C1	C8	3" ASPHALT CONCRETE PAVEMENT REPAIR	SQ. YD.	0	00748
					TOTAL	0
915	C1	C2	EMULSIFIED ASPHALT SLURRY SEAL SURFACE	SQ. YD.	1,500	00706
	C2	C3			1,600	
	C3	C4			1,400	
	C4	C5			1,200	
	C5	C6			1,600	
	C6	C7			1,700	
	C7	C8			1,600	
					TOTAL	10,600



GENERAL NOTE
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GIS BASE MAP INFORMATION
 Data Source: West Linn GIS
 OGIC Disclaimer: This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

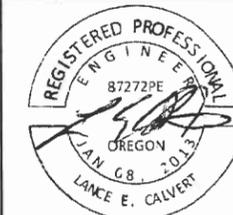
ATTENTION
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MAP CREATED: 5/20/2013 LOC: G:\PROJECTS\GIS\STREETPROJECTS\WESTLINN\PROJECTS\SUMMER2013\DETAILED_MAPS\03_OLDRIVERDRIVE_DETAIL_201305.MXD | KAHA



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 FAX: 503) 650-9041



EXPIRED 12/31/2013

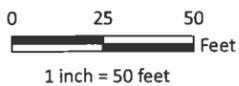
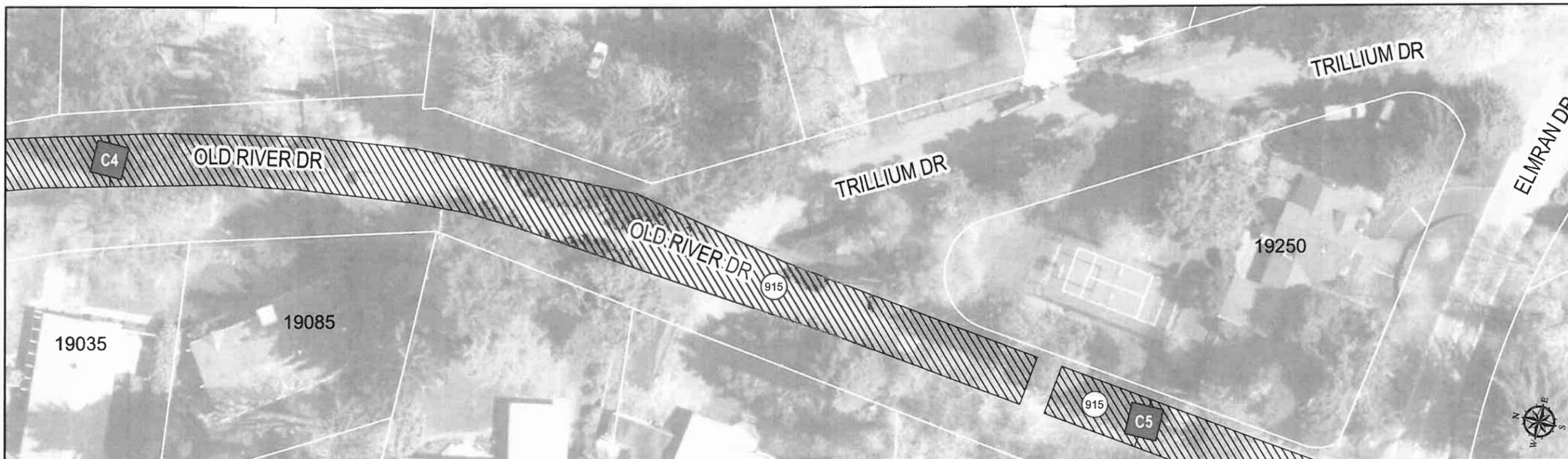
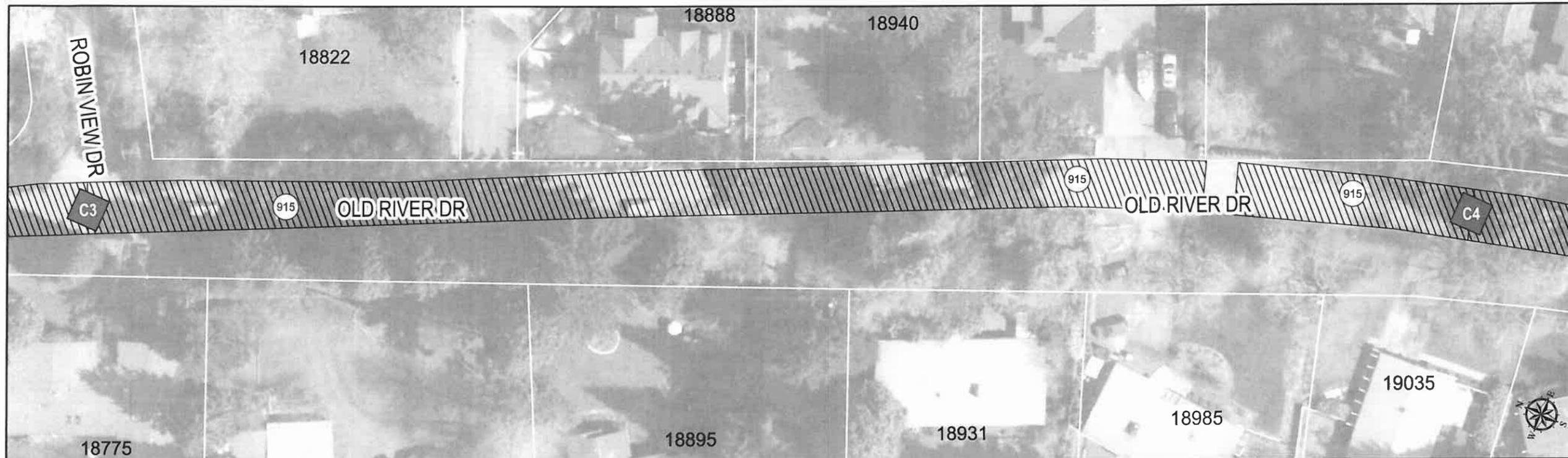
CONTRACTOR
 NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM
 Old River Dr
 from River Woods Pl to Cedaroak Dr

PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: L CALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN
L3.2



C1
 Match Points

Repairs (810)

Slurry Seal Pavement Areas (915)

GENERAL NOTE
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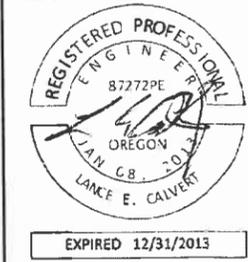
GIS BASE MAP INFORMATION
 Data Source: West Linn GIS
 OGIC Disclaimer: This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

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MAP CREATED: 5/20/2013 LOC: G:\PROJECTS\GIS\STREETPROJECTS\WESTLINNPROJECTS\SUMMER2013\DETAILED_MAPS\03_OLDRIVERDRIVE_DETAIL_201305.MXD | KAHA



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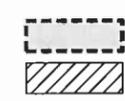
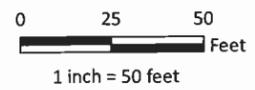
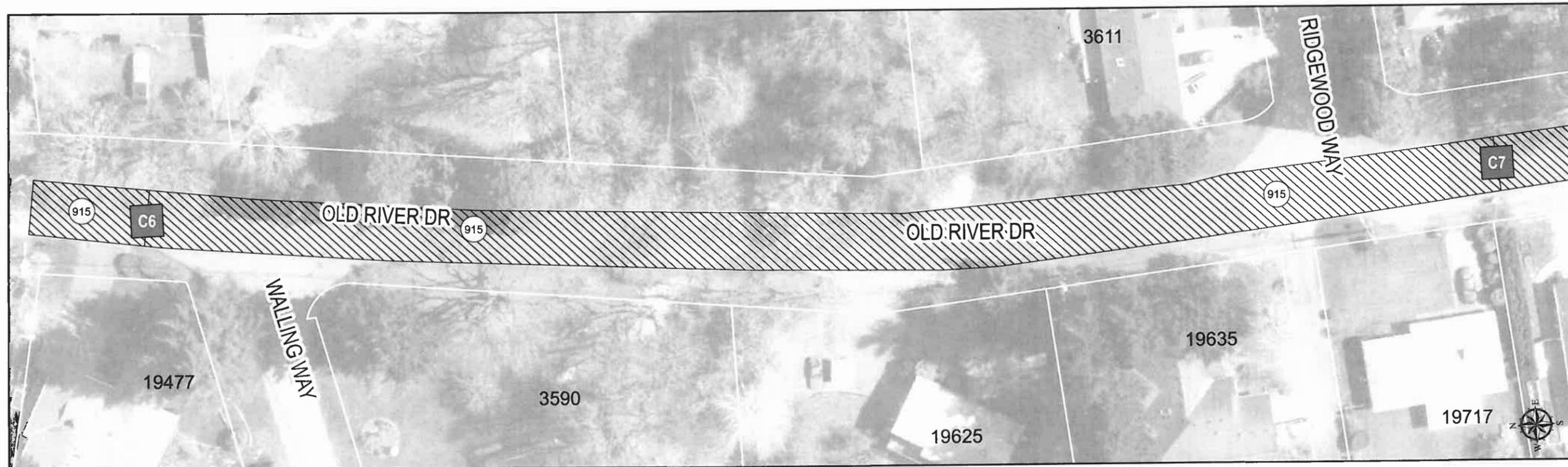
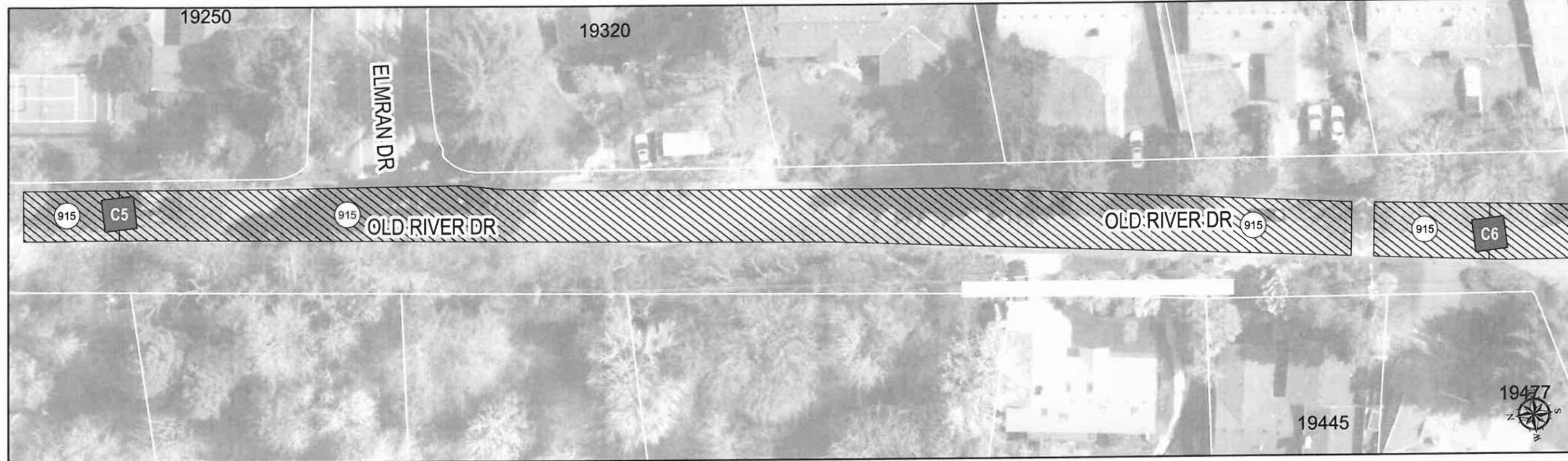
CONTRACTOR
 NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM
 Old River Dr
 from River Woods Pl to Cedaroak Dr

PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: LCALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN
L3.3



Repairs (810)



Slurry Seal Pavement Areas (915)

GENERAL NOTE
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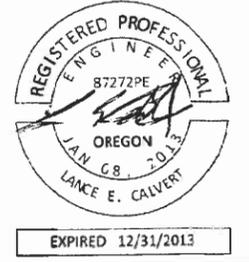
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MAP CREATED: 5/20/2013 LOC: G:\PROJECTS\GIS\STREETPROJECTS\WESTLINNPROJECTS\SUMMER2013\DETAILED_MAPS\LO3_OLDRIVERDRIVE_DETAIL_201305.MXD | KAHA



CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
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 PHONE: (503) 657-0331
 FAX: 503) 650-9041



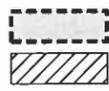
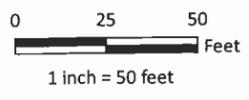
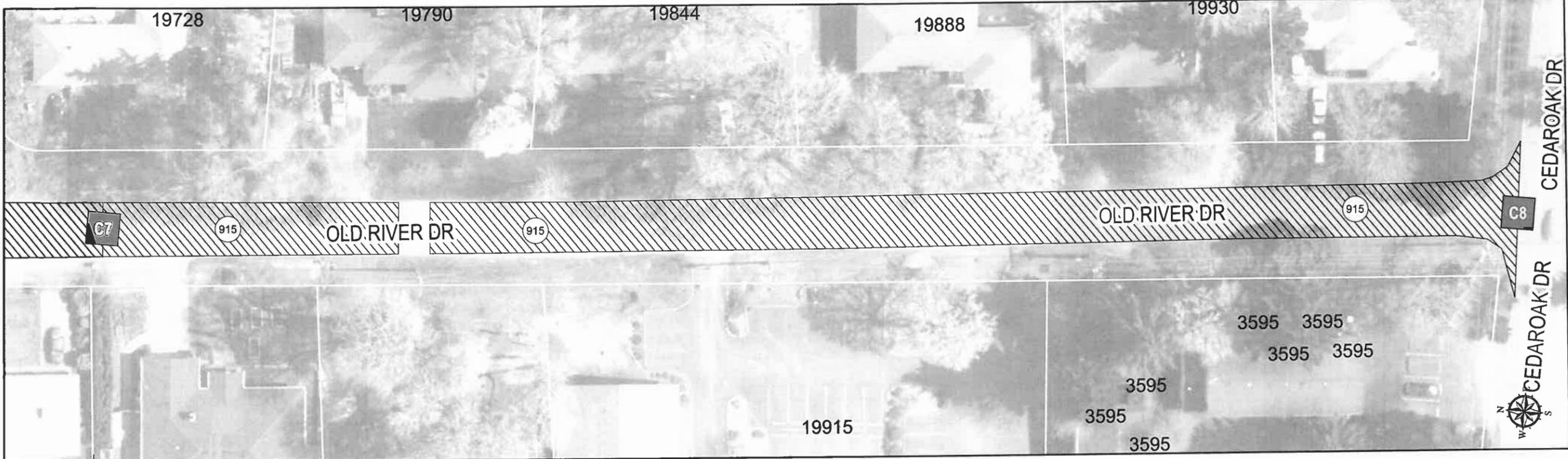
CONTRACTOR
 NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM
 Old River Dr
 from River Woods Pl to Cedaroak Dr

PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: LCAVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN
L3.4



Repairs (810)



Slurry Seal Pavement Areas (915)

GENERAL NOTE
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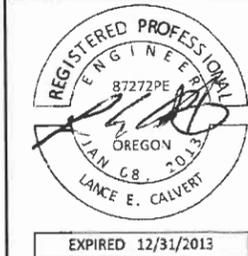
GIS BASE MAP INFORMATION
 Data Source: West Linn GIS
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MAP CREATED: 5/20/2013 LOC: G:\PROJECTS\GIS\STREETPROJECTS\WESTLINNPROJECTS\SUMMER2013\DETAILED_MAPS\LOG_OLDRIVERDRIVE_DETAIL_201305.MXD | KAHA



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 WEST LINN, OREGON 97068
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 PHONE: (503) 657-0331
 FAX: 503) 650-9041



CONTRACTOR
 NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

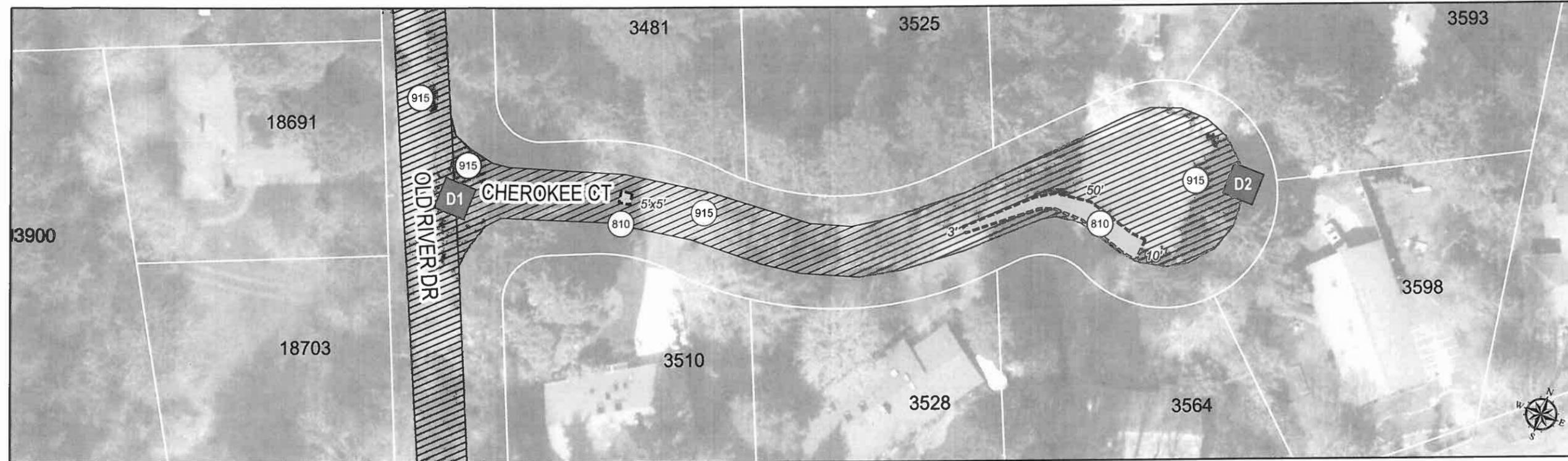
2013 ROAD IMPROVEMENT PROGRAM

Cherokee Ct
 from Old River Dr to end of cul de sac

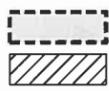
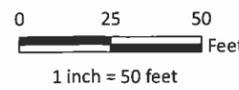
PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: L.CALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN
L4.1



NO.	BEGIN STATION	END STATION	DESCRIPTION	UNIT	QUANTITY	ODOT SPEC. SECT
810	D1	D2	3" ASPHALT CONCRETE PAVEMENT REPAIR	SQ. YD.	66	00748
					TOTAL	66
915	D1	D2	EMULSIFIED ASPHALT SLURRY SEAL SURFACE	SQ. YD.	1,300	00706
					TOTAL	1,300



Repairs (810)



Slurry Seal Pavement Areas (915)

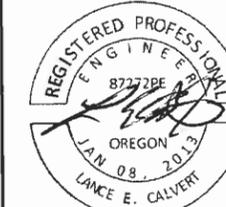
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GIS BASE MAP INFORMATION
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MAP CREATED: 5/20/2013 LOC: G:\PROJECTS\GIS\STREETPROJECTS\WESTLINNPROJECTS\SUMMER2013\DETAILED_MAPS\LO4_CHEROKEECT_DETAIL_201305.MXD | KAHA



EXPIRED: 12/31/2013

CONTRACTOR

NAME: N/A
 ADDRESS: N/A

PHONE: N/A
 FAX: N/A

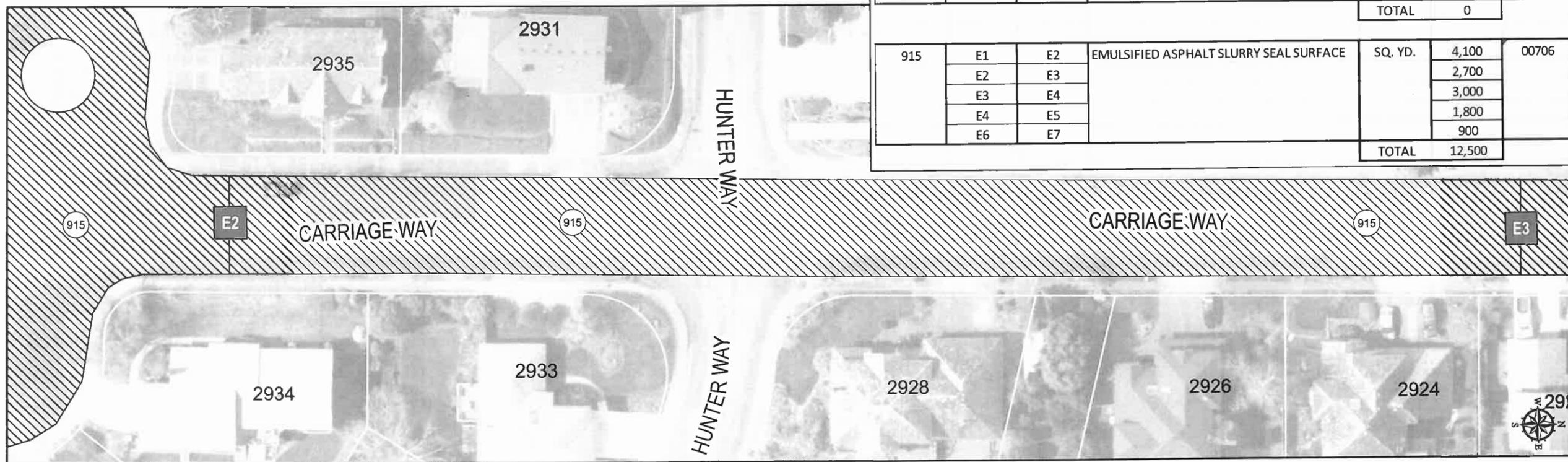
2013 ROAD IMPROVEMENT PROGRAM

Carriage Way
 from Hidden Spring Rd to Rawhide Ct/St

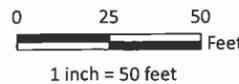
PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: L CALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates
5-20-2013	GIS Map Updates

SLURRY SEAL PLAN
L5.1



NO.	BEGIN STATION	END STATION	DESCRIPTION	UNIT	QUANTITY	ODOT SPEC. SECT
810	E1	E7	3" ASPHALT CONCRETE PAVEMENT REPAIR	SQ. YD.	0	00748
					TOTAL	0
915	E1	E2	EMULSIFIED ASPHALT SLURRY SEAL SURFACE	SQ. YD.	4,100	00706
	E2	E3			2,700	
	E3	E4			3,000	
	E4	E5			1,800	
	E6	E7			900	
					TOTAL	12,500



Repairs (810)

Slurry Seal Pavement Areas (915)

GENERAL NOTE
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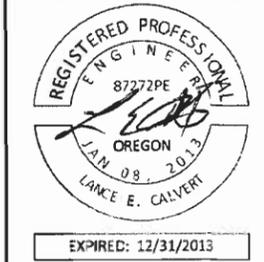
GIS BASE MAP INFORMATION
 Data Source: West Linn GIS
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 PHONE: (503) 657-0331
 FAX: 503) 650-9041



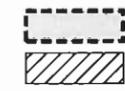
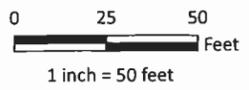
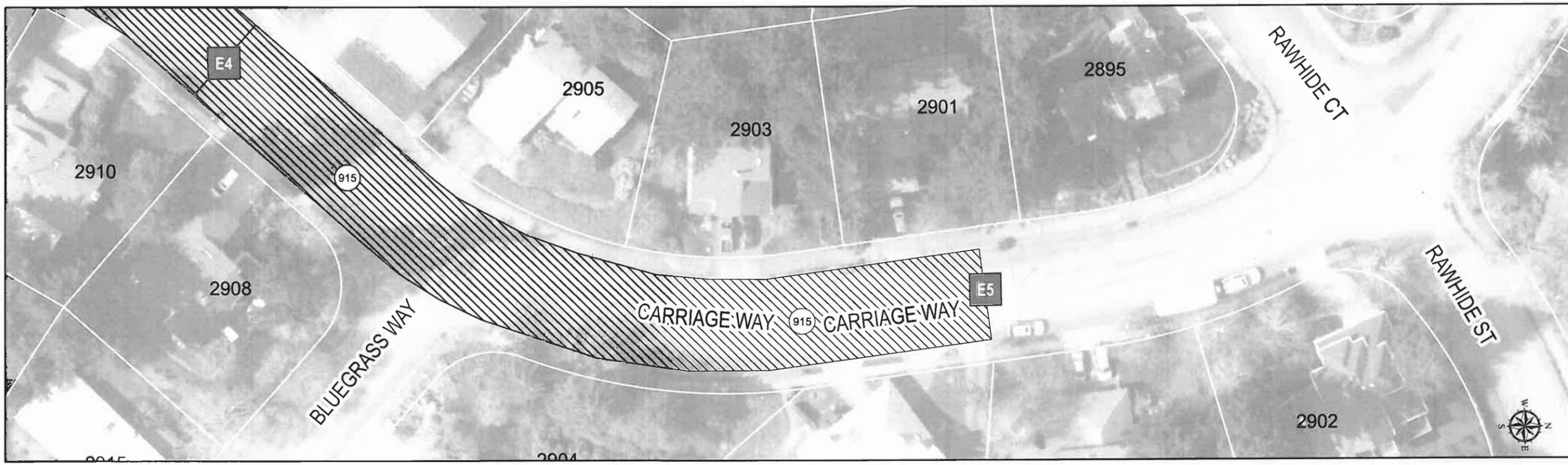
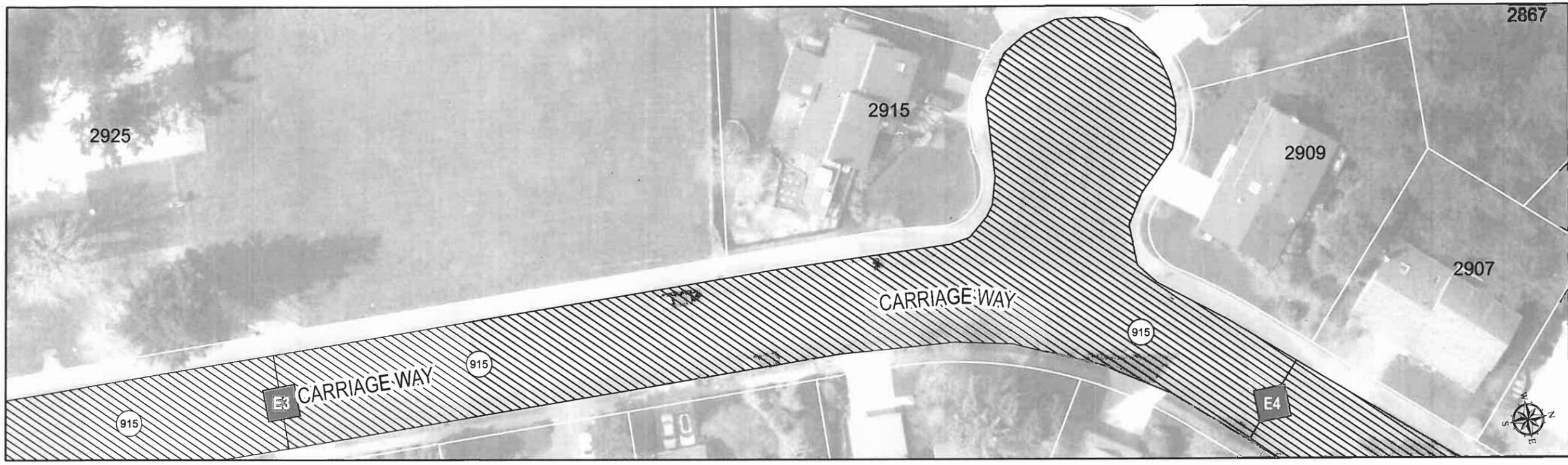
CONTRACTOR
 NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM
 Carriage Way
 from Hidden Spring Rd to Rawhide Ct/St

PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: L CALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates
5-20-2013	GIS Map Updates

SLURRY SEAL PLAN
L5.2



Repairs (810)



Slurry Seal Pavement Areas (915)

GENERAL NOTE
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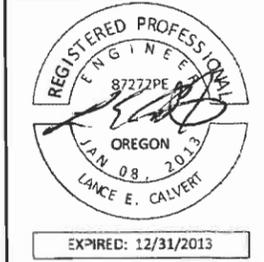
GIS BASE MAP INFORMATION
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MAP CREATED: 5/21/2013 LOC: G:\PROJECTS\GIS\STREETPROJECTS\WESTLINNPROJECTS\SUMMER2013\DETAILED_MAPS\LOS_CARRIAGEWAY_DETAIL_201305.MXD | KAHA



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 WEST LINN, OREGON 97068
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 PHONE: (503) 657-0331
 FAX: 503) 650-9041



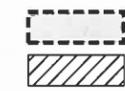
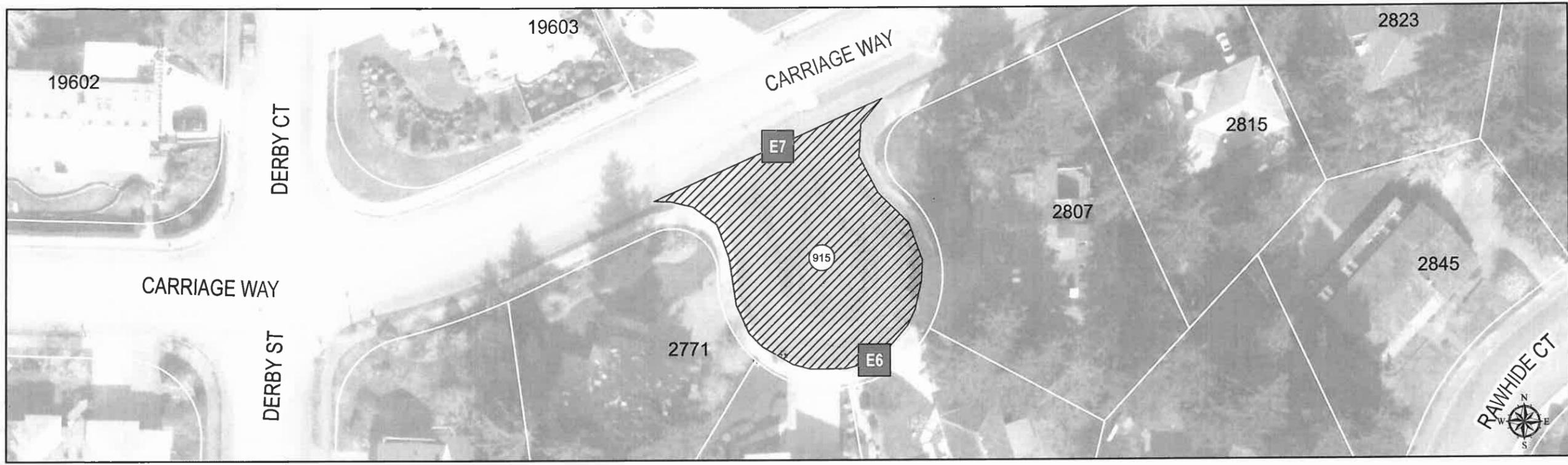
CONTRACTOR
 NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM
 Carriage Way
 from Hidden Spring Rd to Rawhide Ct/St

PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHÀ, GISP
 CHECKED BY: LCALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates
5-20-2013	GIS Map Updates

SLURRY SEAL PLAN
L5.3



Repairs (810)



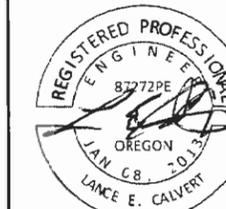
Slurry Seal Pavement Areas (915)

GENERAL NOTE
 All work within the public right-of-way shall conform to the City of West Linn Public Works Standard Construction Specifications and Details.

GIS BASE MAP INFORMATION
 Data Source: West Linn GIS
 OGIC Disclaimer: This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

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EXPIRED: 12/31/2013

CONTRACTOR

NAME: N/A
 ADDRESS: N/A

PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM

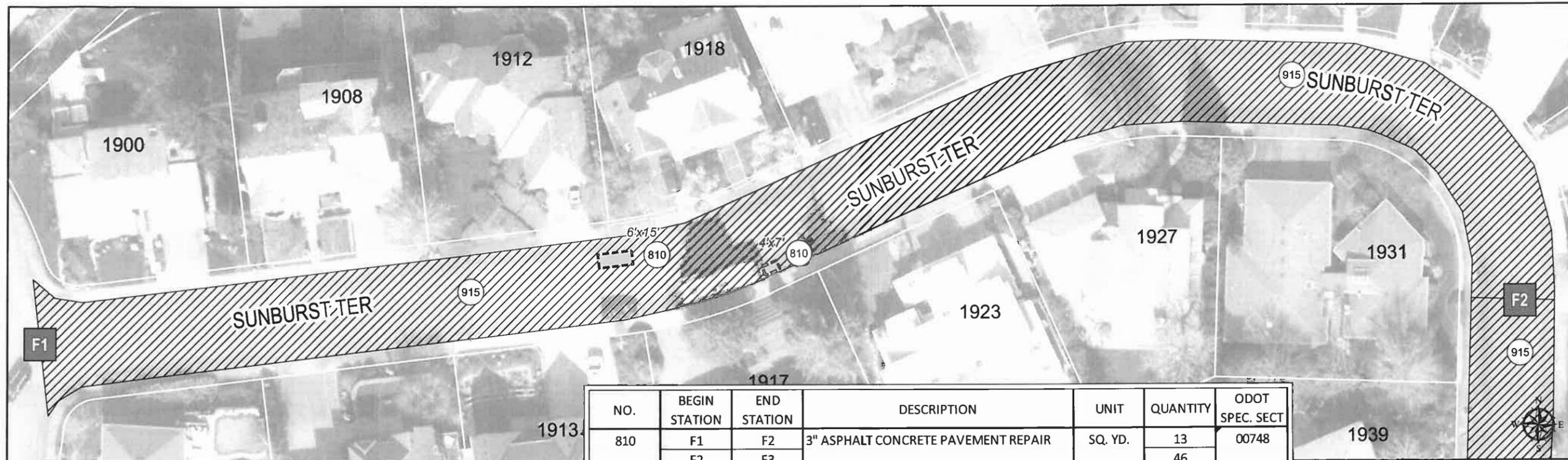
Sunburst Ter
 from Suncrest Dr to Derby St

PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: L CALVERT, PE
 DATE: JULY 1, 2013

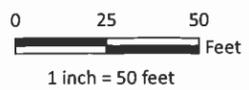
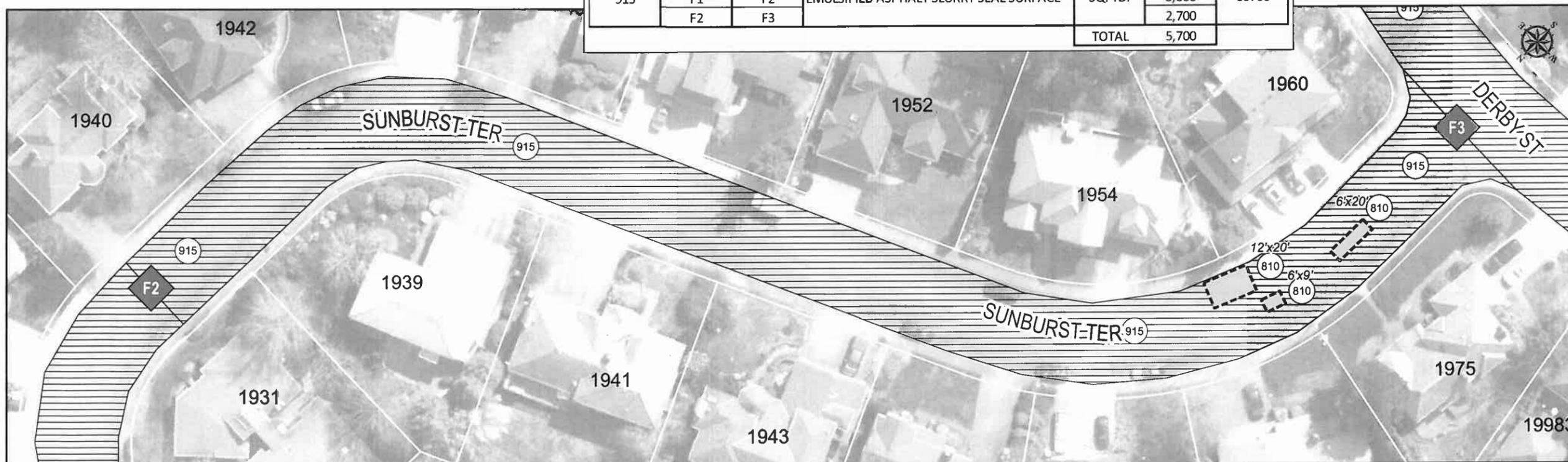
REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN

L6.1



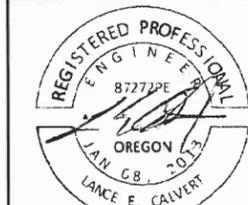
NO.	BEGIN STATION	END STATION	DESCRIPTION	UNIT	QUANTITY	ODOT SPEC. SECT
810	F1	F2	3" ASPHALT CONCRETE PAVEMENT REPAIR	SQ. YD.	13	00748
	F2	F3			46	
	TOTAL				59	
915	F1	F2	EMULSIFIED ASPHALT SLURRY SEAL SURFACE	SQ. YD.	3,000	00706
	F2	F3			2,700	
	TOTAL				5,700	



GENERAL NOTE
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GIS BASE MAP INFORMATION
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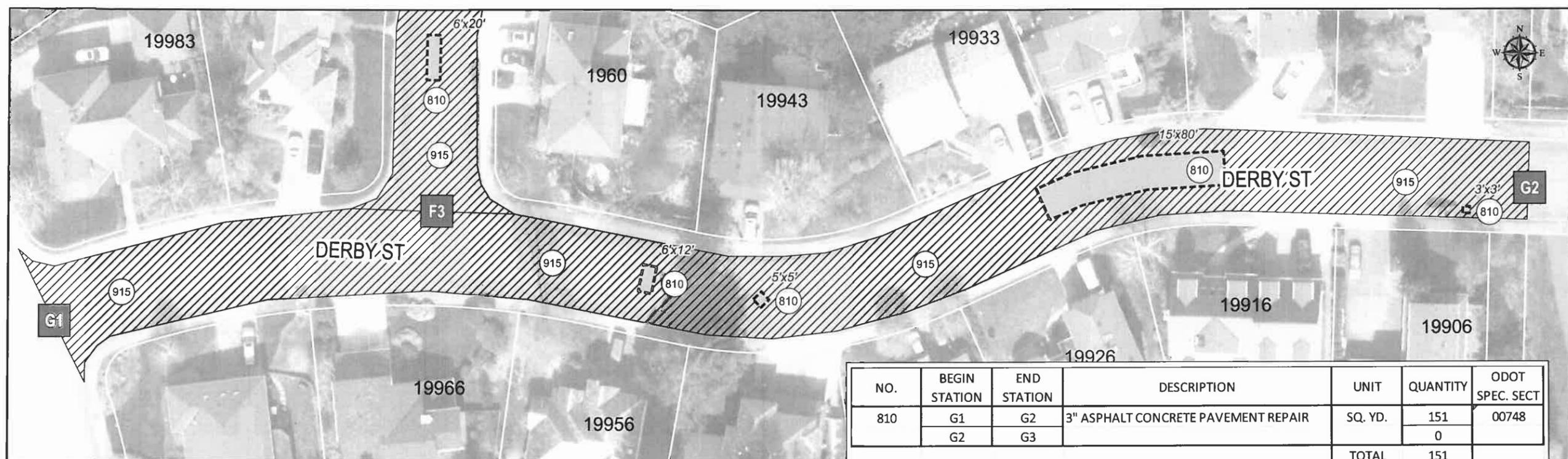
CONTRACTOR
 NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM
 Derby St
 from Suncrest Dr to Caliente Ct

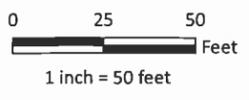
PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: L CALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN
L7.1



NO.	BEGIN STATION	END STATION	DESCRIPTION	UNIT	QUANTITY	ODOT SPEC. SECT
810	G1	G2	3" ASPHALT CONCRETE PAVEMENT REPAIR	SQ. YD.	151	00748
	G2	G3			0	
TOTAL					151	
915	G1	G2	EMULSIFIED ASPHALT SLURRY SEAL SURFACE	SQ. YD.	2,700	00706
	G2	G3			1,500	
TOTAL					4,200	



G1 Match Points

Repairs (810)

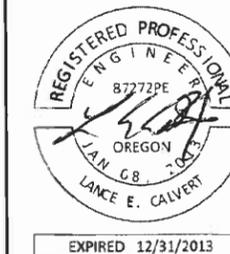
Slurry Seal Pavement Areas (915)

GENERAL NOTE
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GIS BASE MAP INFORMATION
 Data Source: West Linn GIS
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CONTRACTOR

NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

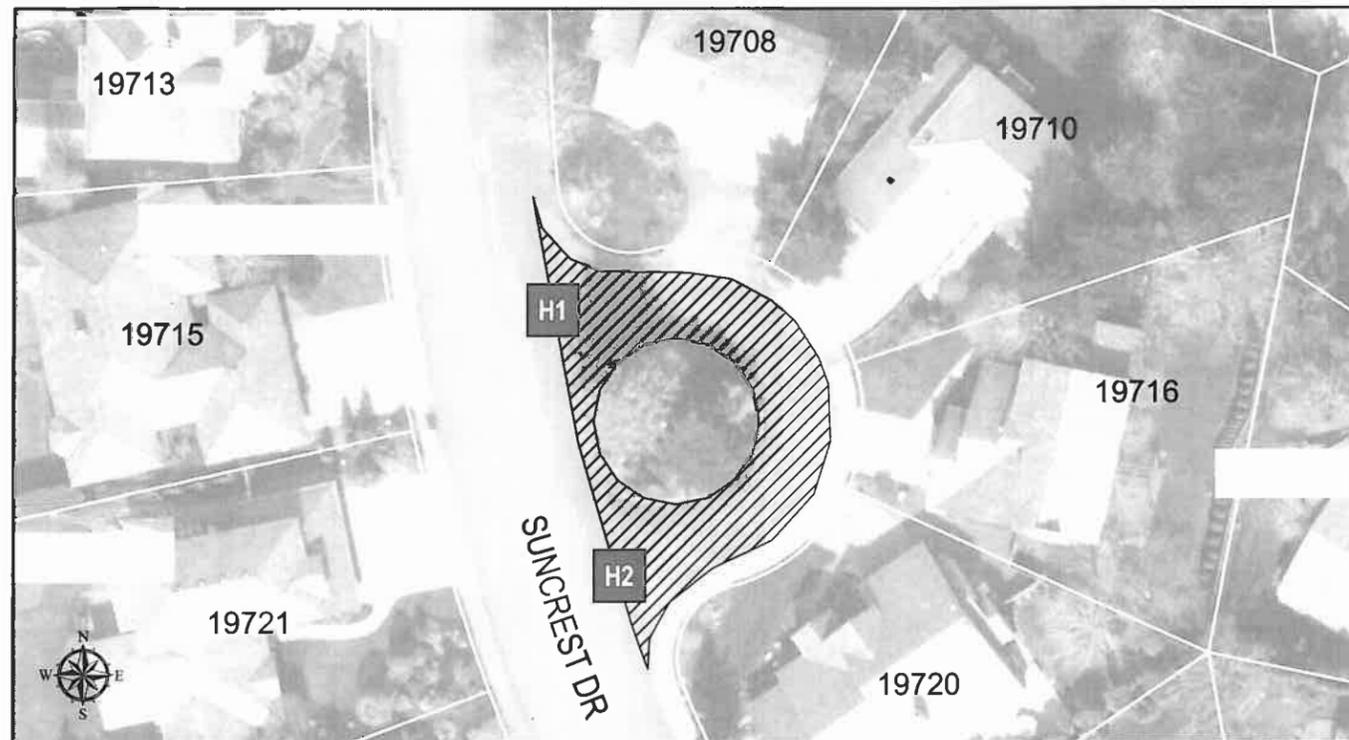
2013 ROAD IMPROVEMENT PROGRAM
 19708-19720 Suncrest Dr Aztec Ct & Aztec Ct from Suncrest Dr to end

PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: LCALVERT, PE
 DATE: JULY 1, 2013

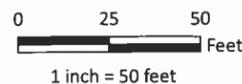
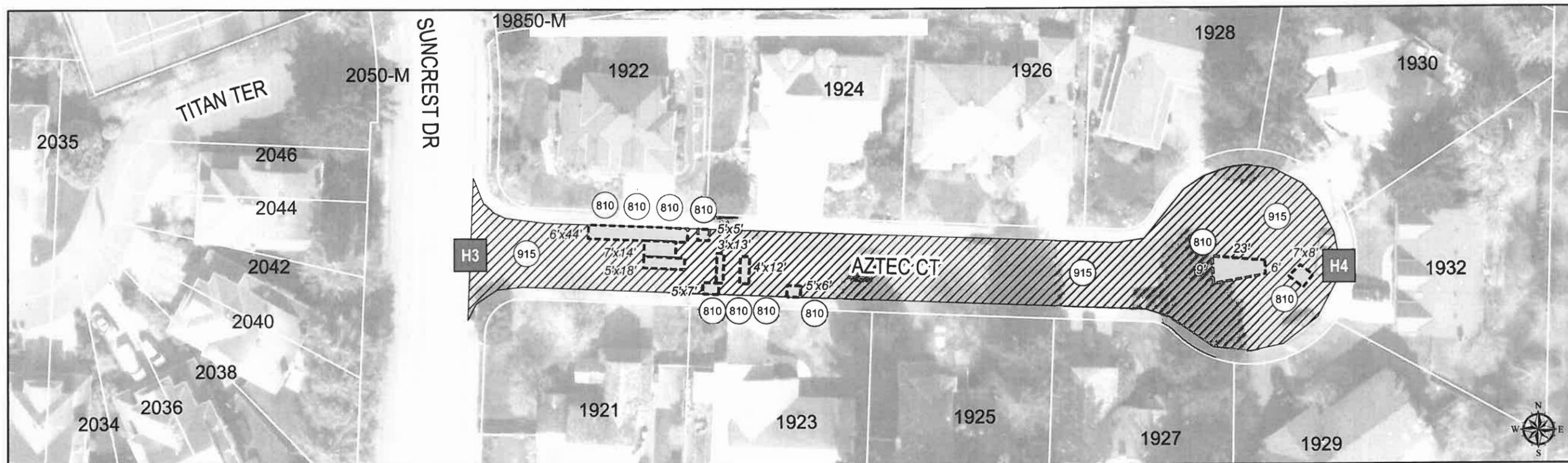
REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN

L8.1



NO.	BEGIN STATION	END STATION	DESCRIPTION	UNIT	QUANTITY	ODOT SPEC. SECT
810	H1	H2	3" ASPHALT CONCRETE PAVEMENT REPAIR	SQ. YD.	0	00748
	H2	H3			99	
	TOTAL				99	
915	H1	H2	EMULSIFIED ASPHALT SLURRY SEAL SURFACE	SQ. YD.	400	00706
	H2	H3			1,600	
	TOTAL				2,000	



Repairs (810)

Slurry Seal Pavement Areas (915)

GENERAL NOTE

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GIS BASE MAP INFORMATION

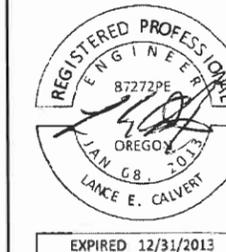
Data Source: West Linn GIS
 OGIC Disclaimer: This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

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CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
 WWW.WESTLINNOREGON.GOV
 PHONE: (503) 657-0331
 FAX: (503) 650-9041



CONTRACTOR

NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM

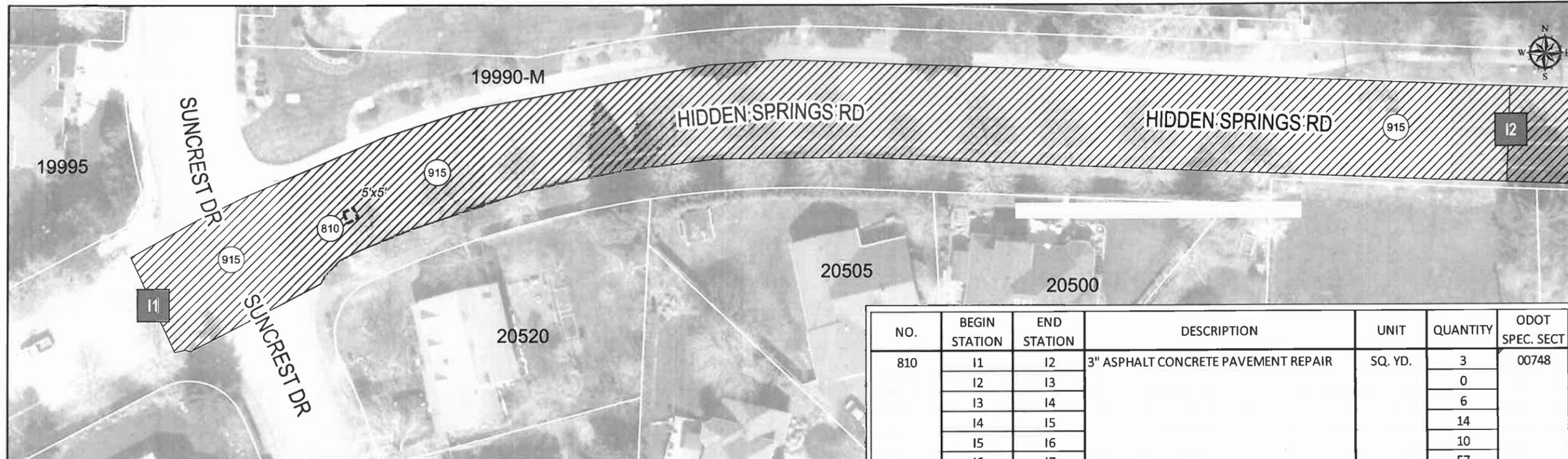
Hidden Springs Rd
 Suncrest Dr to Bluegrass Way

PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: L CALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

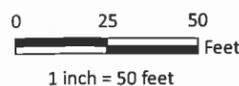
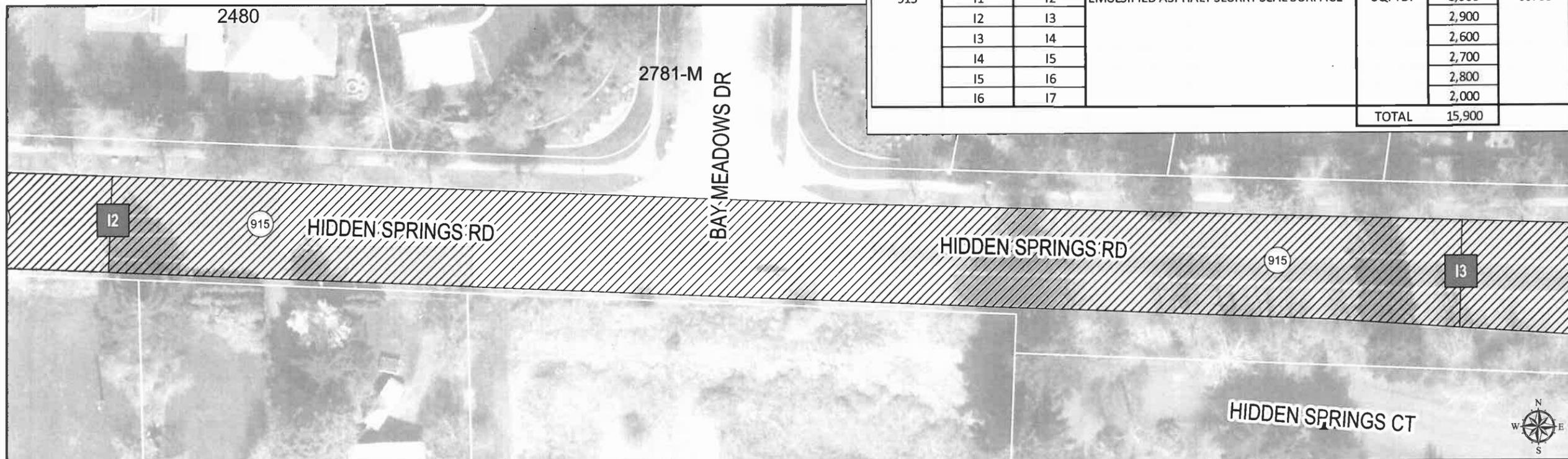
SLURRY SEAL PLAN

L9.1



NO.	BEGIN STATION	END STATION	DESCRIPTION	UNIT	QUANTITY	ODOT SPEC. SECT
810	11	12	3" ASPHALT CONCRETE PAVEMENT REPAIR	SQ. YD.	3	00748
	12	13			0	
	13	14			6	
	14	15			14	
	15	16			10	
	16	17			57	
TOTAL					90	

NO.	BEGIN STATION	END STATION	DESCRIPTION	UNIT	QUANTITY	ODOT SPEC. SECT
915	11	12	EMULSIFIED ASPHALT SLURRY SEAL SURFACE	SQ. YD.	2,900	00706
	12	13			2,900	
	13	14			2,600	
	14	15			2,700	
	15	16			2,800	
	16	17			2,000	
TOTAL					15,900	



Match Points



Repairs (810)



Slurry Seal Pavement Areas (915)

GENERAL NOTE

All work within the public right-of-way shall conform to the City of West Linn Public Works Standard Construction Specifications and Details.

GIS BASE MAP INFORMATION

Data Source: West Linn GIS
 OGIC Disclaimer: This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

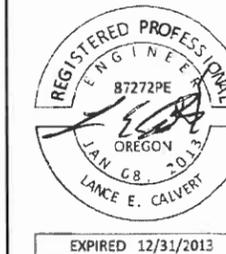
ATTENTION

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MAP CREATED: 5/20/2013 LOC: G:\PROJECTS\GIS\STREETPROJECTS\WESTLINN\PROJECTS\SUMMER2013\DETAILED_MAPS\UD9_HIDDENSPRINGS_DETAIL_201305.MXD | KAHA



CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
 WWW.WESTLINNOREGON.GOV
 PHONE: (503) 657-0331
 FAX: (503) 650-9041



CONTRACTOR

NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM

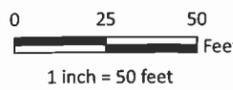
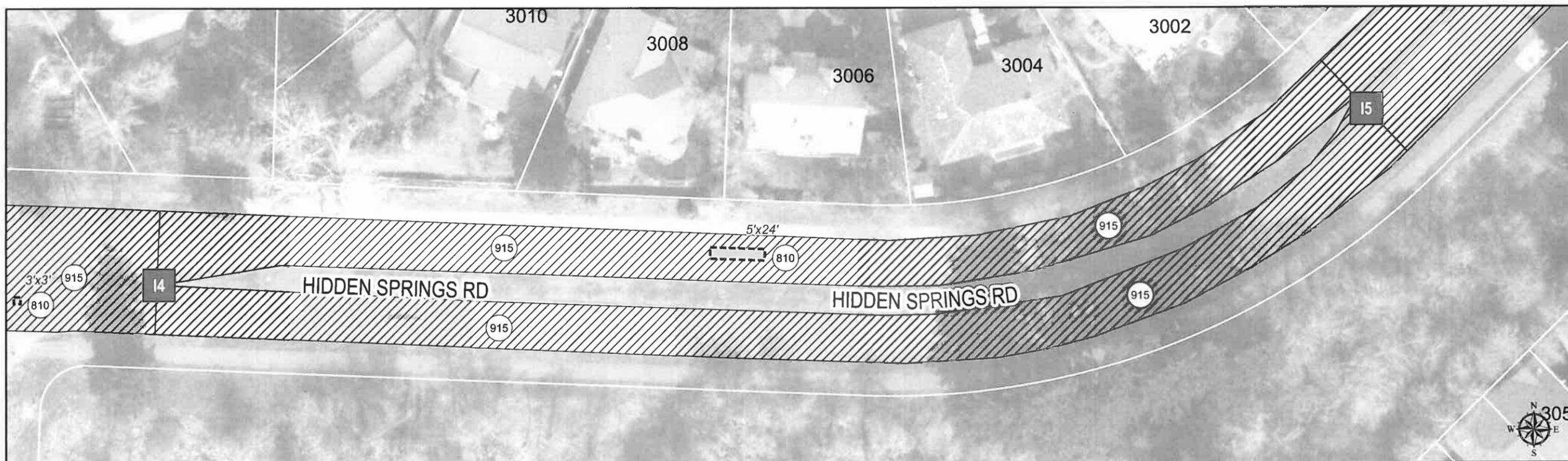
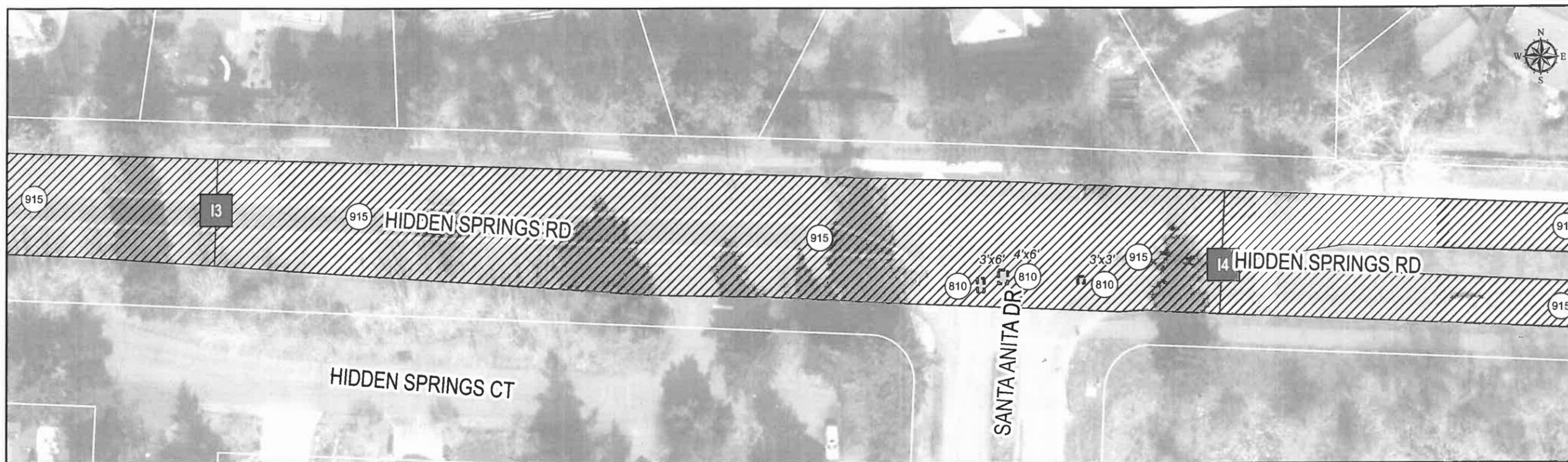
Hidden Springs Rd
 Suncrest Dr to Bluegrass Way

PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: LCALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN

L9.2



Repairs (810)



Slurry Seal Pavement Areas (915)

GENERAL NOTE
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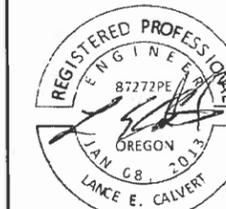
GIS BASE MAP INFORMATION
 Data Source: West Linn GIS
 OGIC Disclaimer: This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

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MAP CREATED: 5/20/2013 LOC: G:\PROJECTS\GIS\STREET\PROJECTS\WESTLINN\PROJECTS\SUMMER2013\DETAILED_MAPS\LOG_HIDDENSPRINGS_DETAIL_201305.MXD | KAHA



CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
 WWW.WESTLINNOREGON.GOV
 PHONE: (503) 657-0331
 FAX: 503) 650-9041



EXPIRED: 12/31/2013

CONTRACTOR

NAME: N/A
 ADDRESS: N/A

PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM

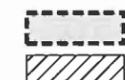
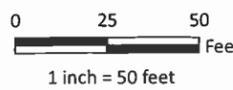
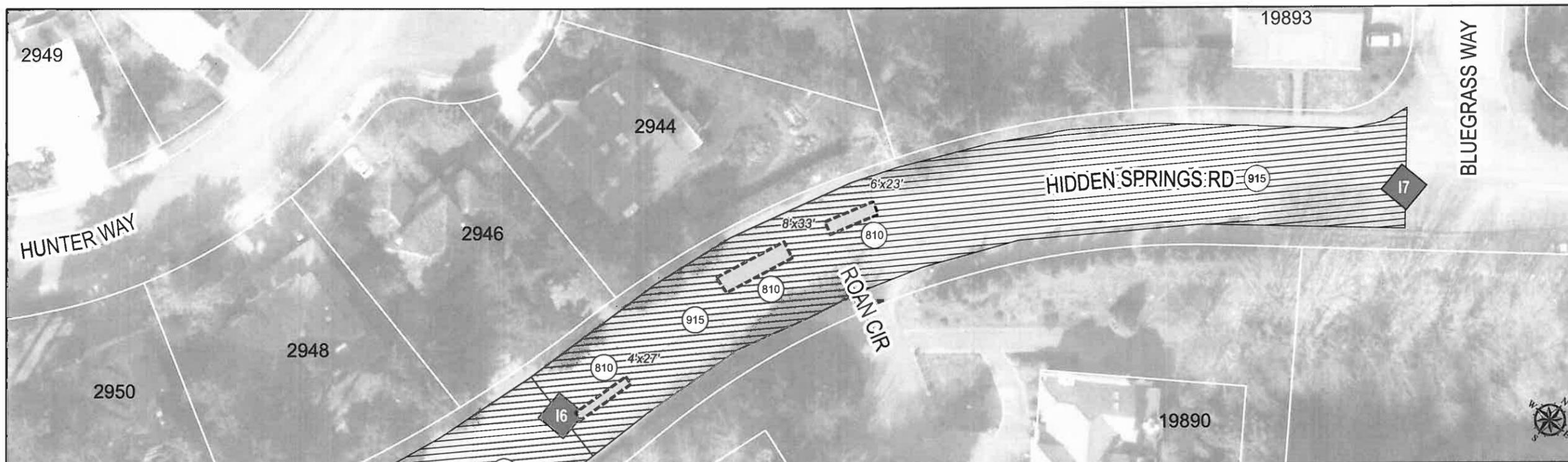
Hidden Springs Rd
 Suncrest Dr to Bluegrass Way

PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: LCALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN

L9.3



Repairs (810)



Slurry Seal Pavement Areas (915)

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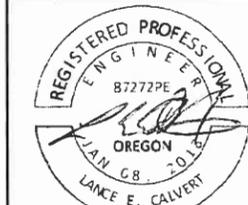
GIS BASE MAP INFORMATION
 Data Source: West Linn GIS
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MAP CREATED: 5/20/2013 LOC: G:\PROJECTS\GIS\STREETPROJECTS\WESTLINN\PROJECTS\SUMMER2013\DETAILED_MAPS\LO9_HIDDENSPRINGS_DETAIL_201305.MXD | KAHA



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 WEST LINN, OREGON 97068
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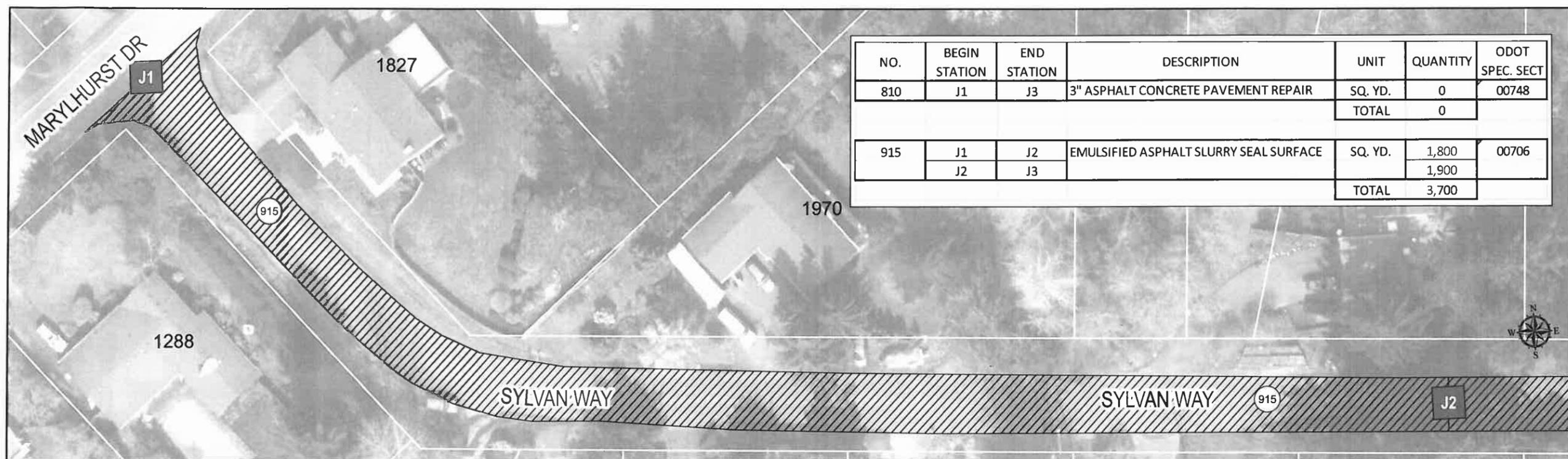
CONTRACTOR
 NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM
 Sylvan Way
 from Marylhurst Dr to Hillcrest Dr

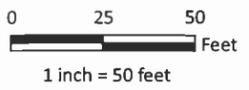
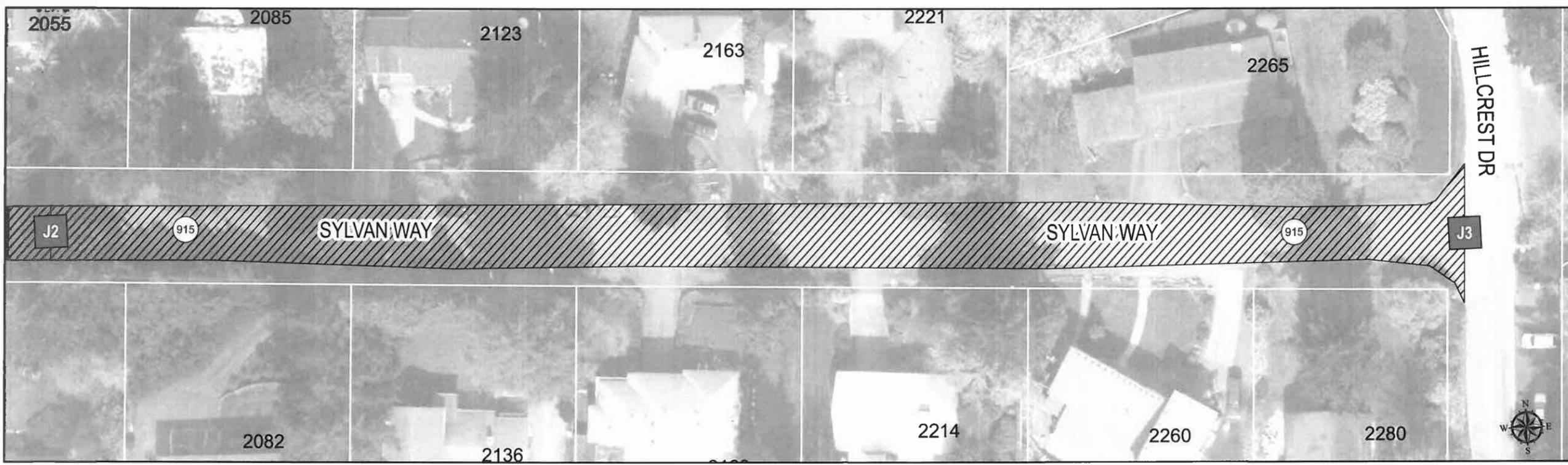
PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: L CALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN
L10.1



NO.	BEGIN STATION	END STATION	DESCRIPTION	UNIT	QUANTITY	ODOT SPEC. SECT
810	J1	J3	3" ASPHALT CONCRETE PAVEMENT REPAIR	SQ. YD.	0	00748
					TOTAL	0
915	J1	J2	EMULSIFIED ASPHALT SLURRY SEAL SURFACE	SQ. YD.	1,800	00706
	J2	J3			1,900	
					TOTAL	3,700



Repairs (810)

Slurry Seal Pavement Areas (915)

GENERAL NOTE
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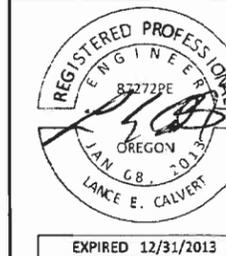
GIS BASE MAP INFORMATION
 Data Source: West Linn GIS
 OGIC Disclaimer: This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

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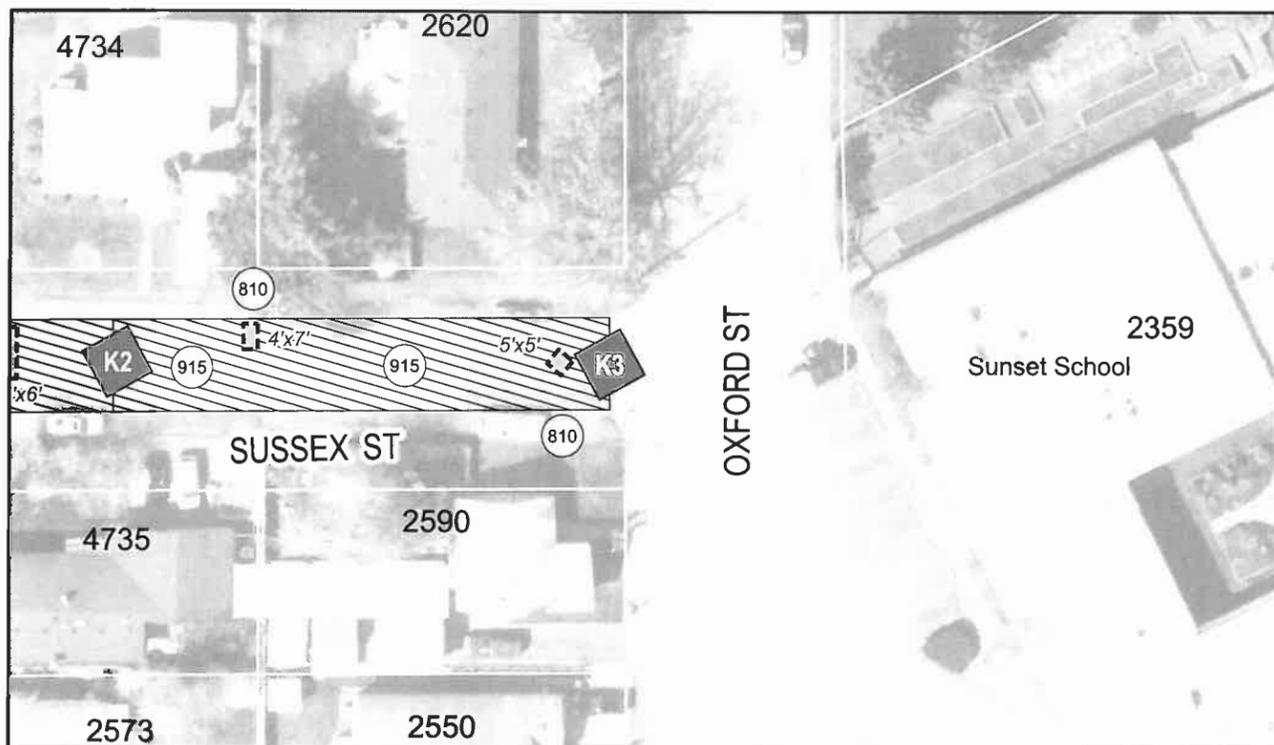
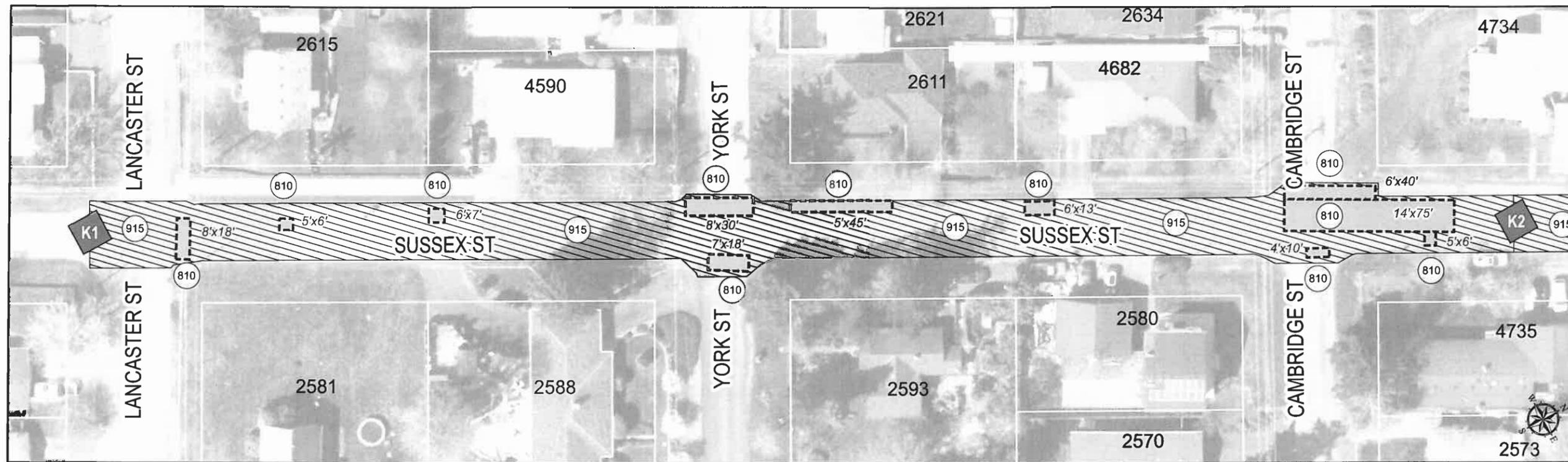
CONTRACTOR
 NAME: N/A
 ADDRESS: N/A
 PHONE: N/A
 FAX: N/A

2013 ROAD IMPROVEMENT PROGRAM
 Sussex St
 from Lancaster St to Oxford St

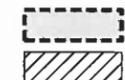
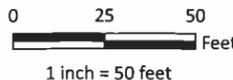
PROJECT NO: PW-13-07
 DESIGNED BY: KLE, PE
 DRAWN BY: KAHA, GISP
 CHECKED BY: L CALVERT, PE
 DATE: JULY 1, 2013

REVISIONS	
DATE	DESCRIPTION
5-14-2013	Initial GIS Map
5-17-2013	GIS Map Updates

SLURRY SEAL PLAN
L11.1



NO.	BEGIN STATION	END STATION	DESCRIPTION	UNIT	QUANTITY	ODOT SPEC. SECT
810	K1	K2	3" ASPHALT CONCRETE PAVEMENT REPAIR	SQ. YD.	250	00748
	K2	K3			6	
					TOTAL	256
915	K1	K2	EMULSIFIED ASPHALT SLURRY SEAL SURFACE	SQ. YD.	1,900	00706
	K2	K3			400	
					TOTAL	2,300



Repairs (810)



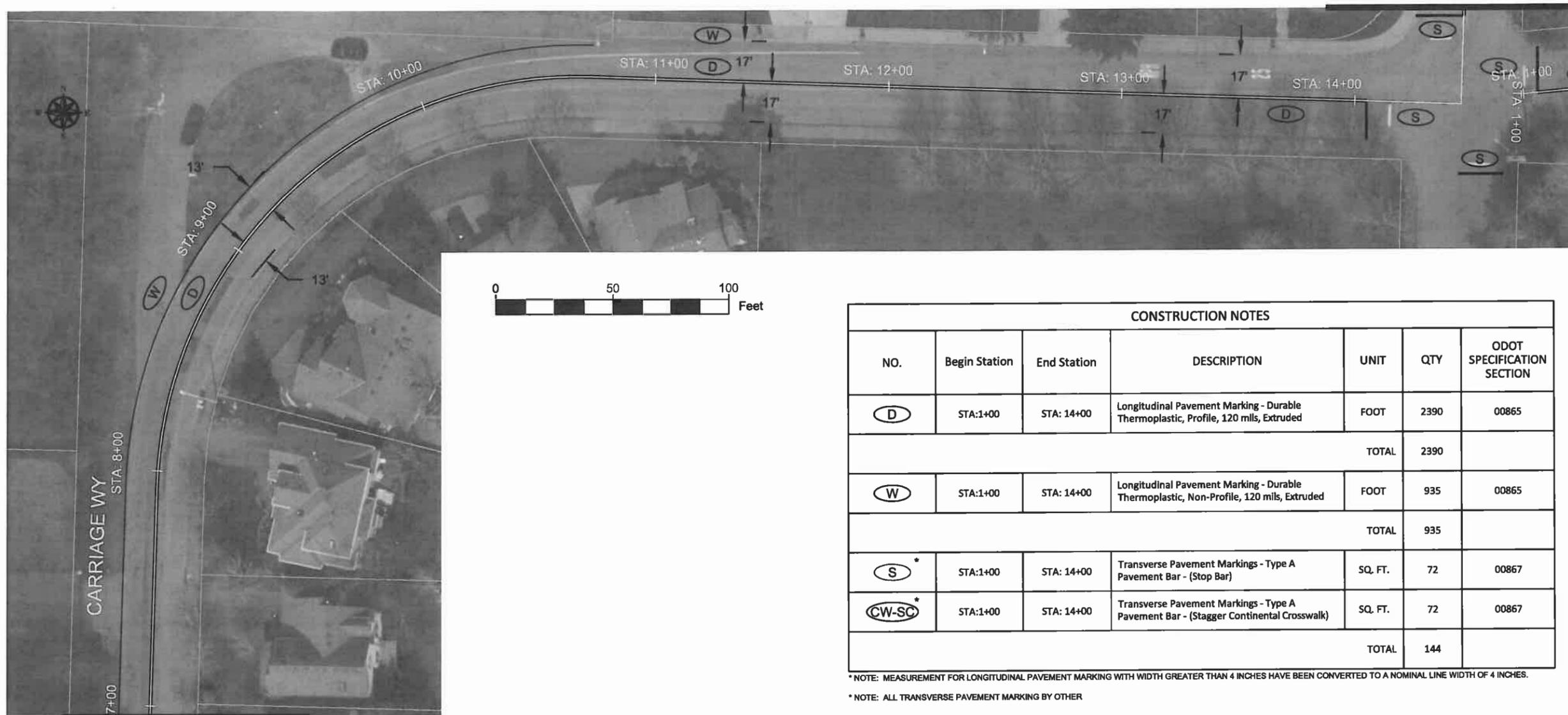
Slurry Seal Pavement Areas (915)

GENERAL NOTE
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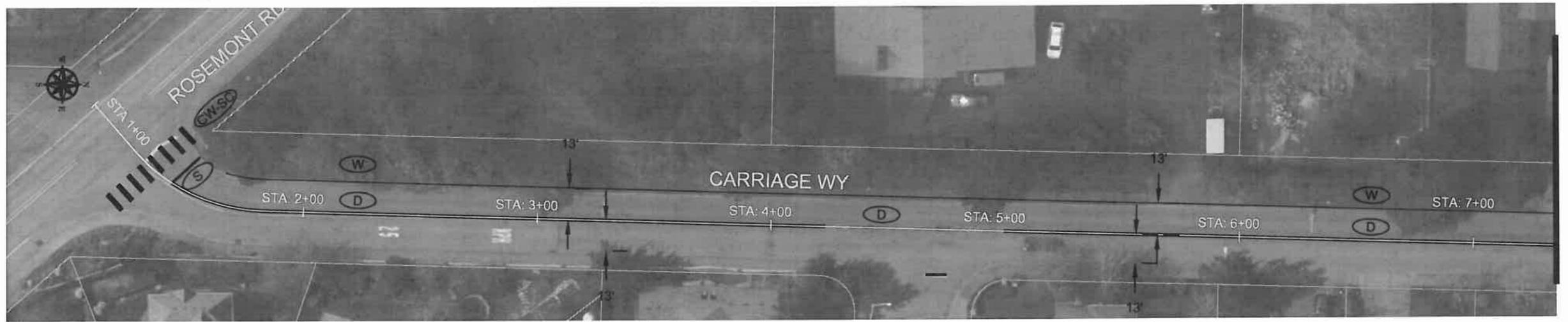
GIS BASE MAP INFORMATION
 Data Source: West Linn GIS
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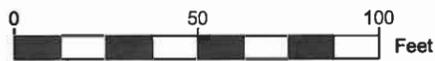
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MATCH STA: 7+00



MATCH STA: 7+00

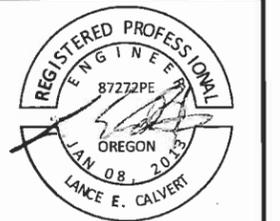


CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(D)	STA:1+00	STA: 14+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	2390	00865
					TOTAL	2390
(W)	STA:1+00	STA: 14+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	935	00865
					TOTAL	935
(S)*	STA:1+00	STA: 14+00	Transverse Pavement Markings - Type A Pavement Bar - (Stop Bar)	SQ. FT.	72	00867
(CW-SC)*	STA:1+00	STA: 14+00	Transverse Pavement Markings - Type A Pavement Bar - (Stagger Continental Crosswalk)	SQ. FT.	72	00867
					TOTAL	144

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.
 * NOTE: ALL TRANSVERSE PAVEMENT MARKING BY OTHER



CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
 WWW.WESTLINNOREGON.GOV
 PHONE: (503) 567-0331
 FAX: (503) 650-9041



EXPIRED: 12/31/2013

CONTRACTOR
 NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM
 Carriage Way
 From Rosemont Rd to Suncrest Dr

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	DATE	DESCRIPTION

STRIPING PLAN
 SCALE: 1" = 50' Horizontal
S1.1



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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Carriage Way
 From Sun Cir To Hidden Springs Rd

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION

DATE	DESCRIPTION

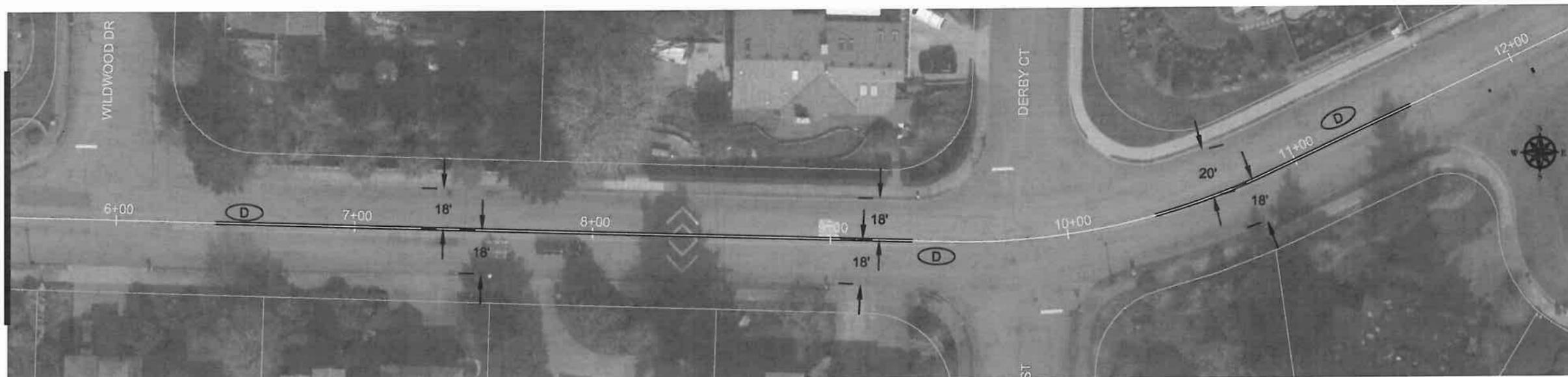
STRIPING PLAN

SCALE: 1" = 50' Horizontal

S1.2



MATCH STA: 6+00

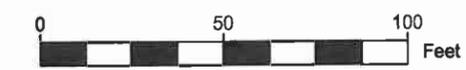


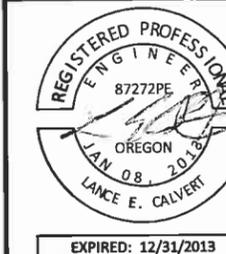
MATCH STA: 6+00

MATCH STA: 12+00

CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(D)	STA: 0+00	STA: 12+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	1450	00865
TOTAL					1450	
(SH-W)	STA: 0+00	STA: 12+00	Transverse Pavement Markings - Type A Pavement Bar - (Speed Hump Advance Warning)	SQ. FT.	72	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.
 * NOTE: ALL TRANSVERSE PAVEMENT MARKING BY OTHER





CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

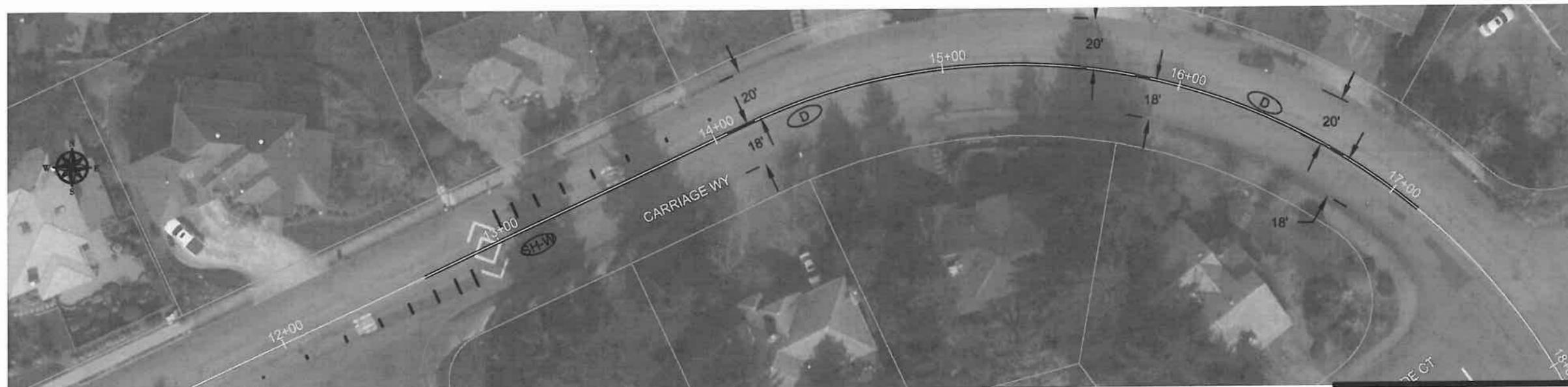
Carriage Way
 From Sun Cir To Hidden Springs Rd

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	
DATE	DESCRIPTION

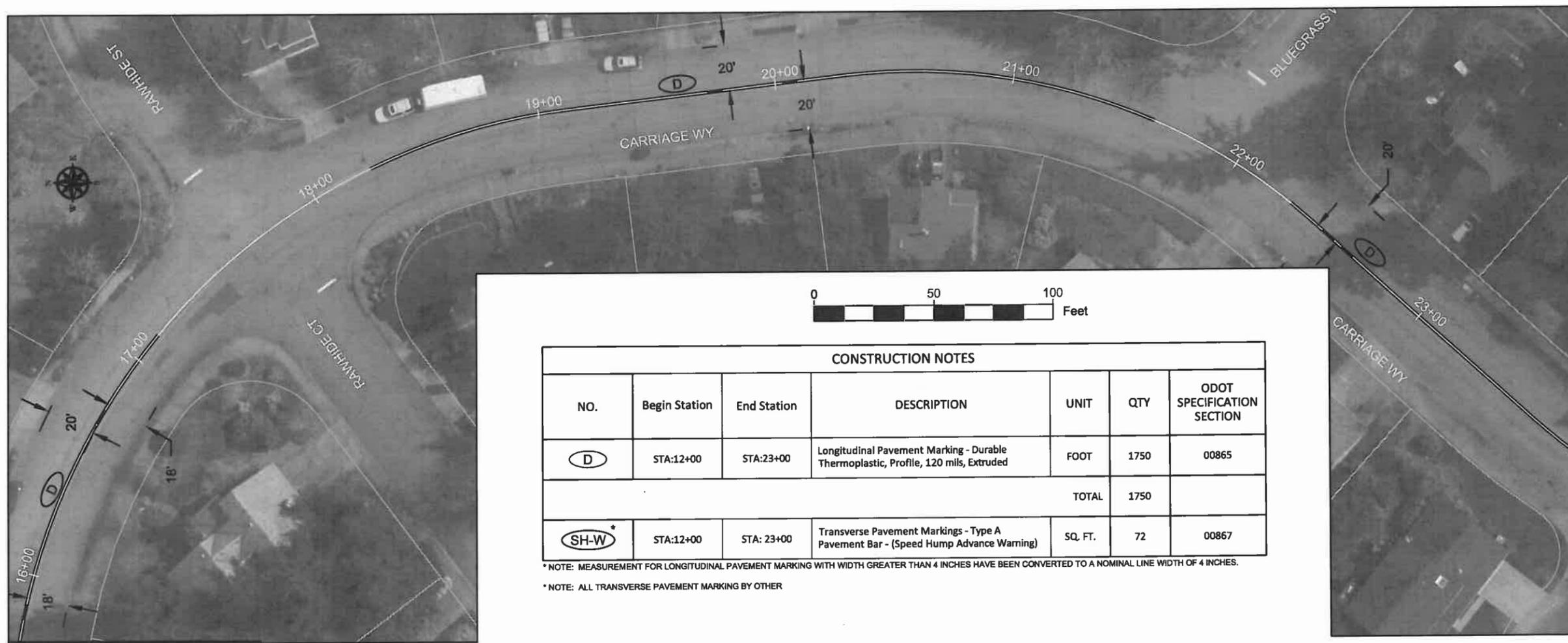
STRIPING PLAN
 SCALE: 1" = 50' Horizontal

S1.3



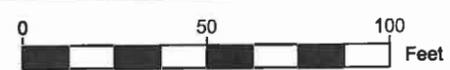
MATCH STA: 6+00

MATCH STA: 17+00



MATCH STA: 17+00

MATCH STA: 23+00



CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(D)	STA:12+00	STA:23+00	Longitudinal Pavement Markings - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	1750	00865
					TOTAL	1750
(SH-W)	STA:12+00	STA: 23+00	Transverse Pavement Markings - Type A Pavement Bar - (Speed Hump Advance Warning)	SQ. FT.	72	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.
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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Carriage Way
 From Sun Cir To Hidden Springs Rd

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION

DATE	DESCRIPTION

STRIPING PLAN

SCALE: 1" = 50' Horizontal

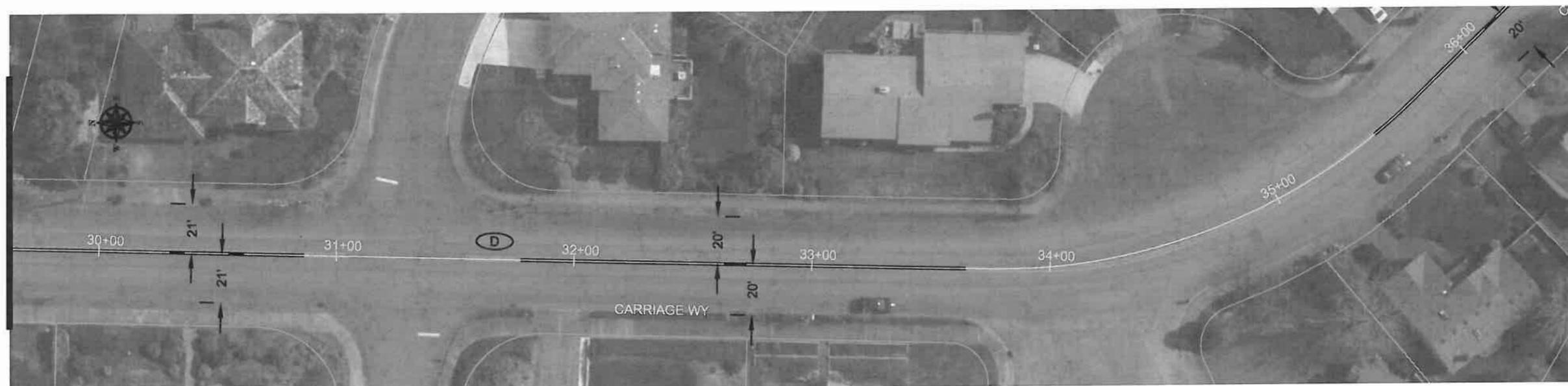
S1.4

MATCH STA: 24+00



MATCH STA: 30+00

MATCH STA: 30+00



MATCH STA: 36+00

CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(D)	STA:23+00	STA:36+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	1680	00865
TOTAL					1680	
(CW)*	STA:23+00	STA: 36+00	Transverse Pavement Markings - Type A Pavement Bar - (Standard Crosswalk)	SQ. FT.	84	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.

* NOTE: ALL TRANSVERSE PAVEMENT MARKING BY OTHER





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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Carriage Way
 From Sun Cir To Hidden Springs Rd

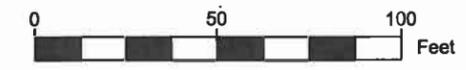
PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	
DATE	DESCRIPTION

STRIPING PLAN
 SCALE: 1" = 50' Horizontal
S1.5

MATCH STA: 30+00

MATCH STA: 39+00



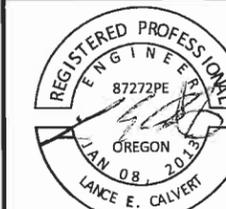
CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(D)	STA:36+00	STA:39+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	470	00865
TOTAL					470	
(S)*	STA:36+00	STA: 39+00	Transverse Pavement Markings - Type A Pavement Bar - (Stop Bar)	SQ. FT.	25	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.
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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Hidden Spring Rd
 from Suncrest Dr to Bluegrass Wy

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

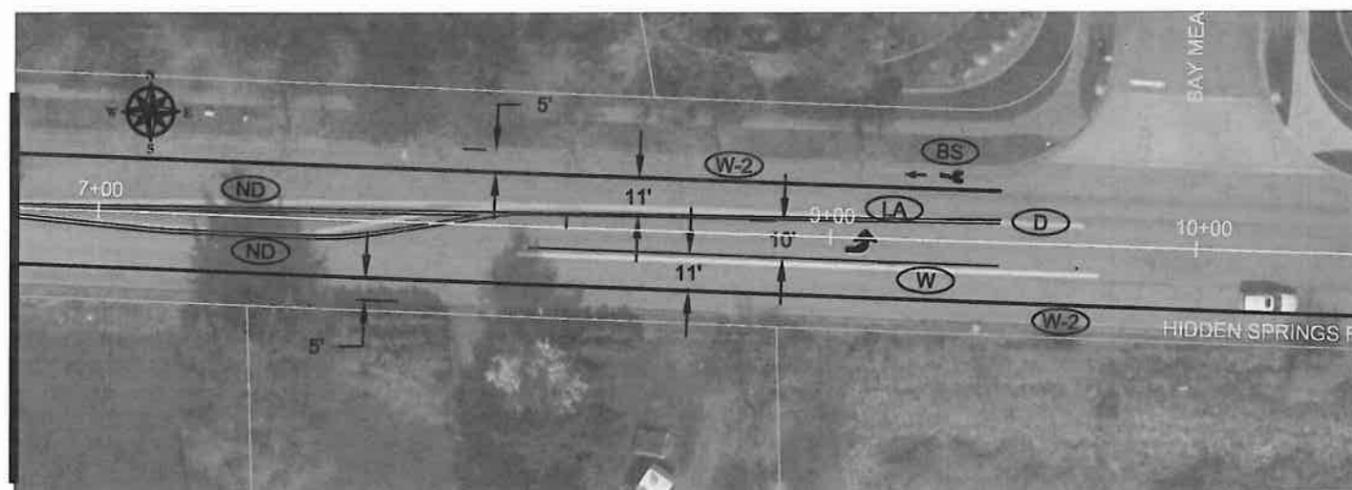
REVISION

DATE	DESCRIPTION

STRIPING PLAN

SCALE: 1" = 50' Horizontal

S1.6



CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(W-2)	STA: 1+00	STA: 10+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	3100	00865
(W)	STA: 1+00	STA: 10+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	130	00865
TOTAL					3230	
(D) (ND)	STA: 1+00	STA: 10+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	1800	00865
TOTAL					1800	
(BS)*	STA: 1+00	STA: 10+00	Transverse Pavement Markings - Type A Bicycle Lane Symbols	EACH	2	00867
(CW-SC)*	STA: 1+00	STA: 10+00	Transverse Pavement Markings - Type A Pavement Bar - (Staggered Continental Crosswalk)	SQ. FT.	81	00867
(LA)*	STA: 1+00	STA: 10+00	Transverse Pavement Legend - Type A Arrows	EACH	1	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.
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MATCH STA: 7+00

MATCH STA: 10+00

MATCH STA: 7+00



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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Hidden Spring Rd
 from Suncrest Dr to Bluegrass Wy

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION

DATE	DESCRIPTION

STRIPING PLAN

SCALE: 1" = 50' Horizontal

S1.7

MATCH STA: 10+00



MATCH STA: 16+00

MATCH STA: 16+00



MATCH STA: 22+00



CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(W-2)	STA: 10+00	STA:22+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	2400	00865
(W)	STA: 10+00	STA:22+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	70	00865
TOTAL					2470	
(D ND)	STA: 10+00	STA:22+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	2270	00865
TOTAL					2270	
(BS)*	STA: 10+00	STA:22+00	Transverse Pavement Markings - Type A Bicycle Lane Symbols	EACH	2	00867
(CW-SC)*	STA: 10+00	STA:22+00	Transverse Pavement Markings - Type A Pavement Bar - (Staggered Continental Crosswalk)	SQ. FT.	90	00867
(LA)*	STA: 10+00	STA:22+00	Transverse Pavement Legend - Type A Arrows	EACH	1	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.

* NOTE: ALL TRANSVERSE PAVEMENT MARKING BY OTHER

MATCH STA: 22+00

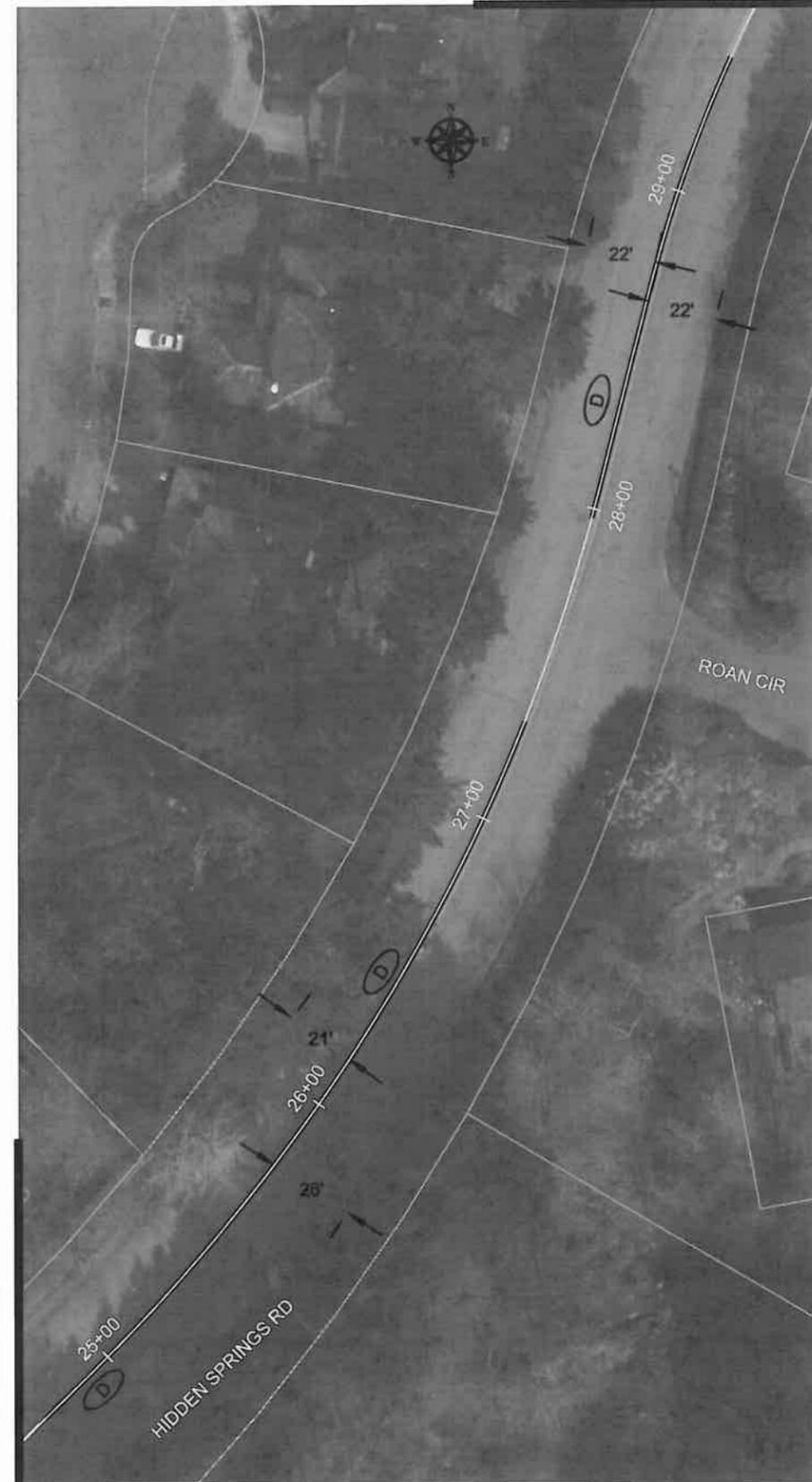


MATCH STA: 25+00

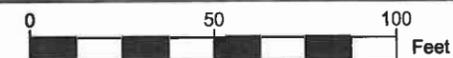
CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(D)	STA: 22+00	STA:10+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	730	00865
					TOTAL	730
(W)	STA: 22+00	STA:10+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	80	00865
					TOTAL	80
(LA)*	STA:1+00	STA:10+00	Transverse Pavement Legend - Type A Arrows	EACH	1	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.
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MATCH STA: 29+00



MATCH STA: 25+00



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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Hidden Spring Rd
 from Suncrest Dr to Bluegrass Wy

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION

DATE DESCRIPTION

STRIPING PLAN
 SCALE: 1" = 50' Horizontal
S1.8



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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Hidden Spring Rd
 from Suncrest Dr to Bluegrass Wy

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION

DATE	DESCRIPTION

STRIPING PLAN

SCALE: 1" = 50' Horizontal

S1.9



CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
D	STA: 29+00	STA: 33+50	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	400	00865

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.



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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Summit St
 from Skyline Dr to Pimlico Dr

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

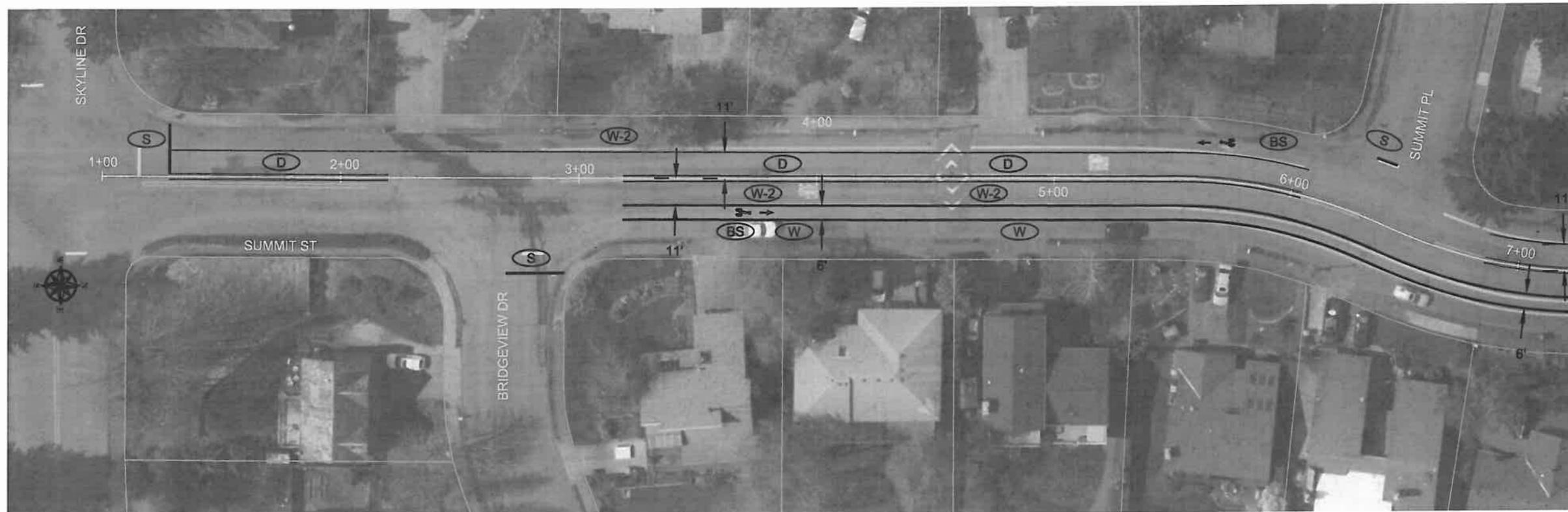
REVISION

DATE DESCRIPTION

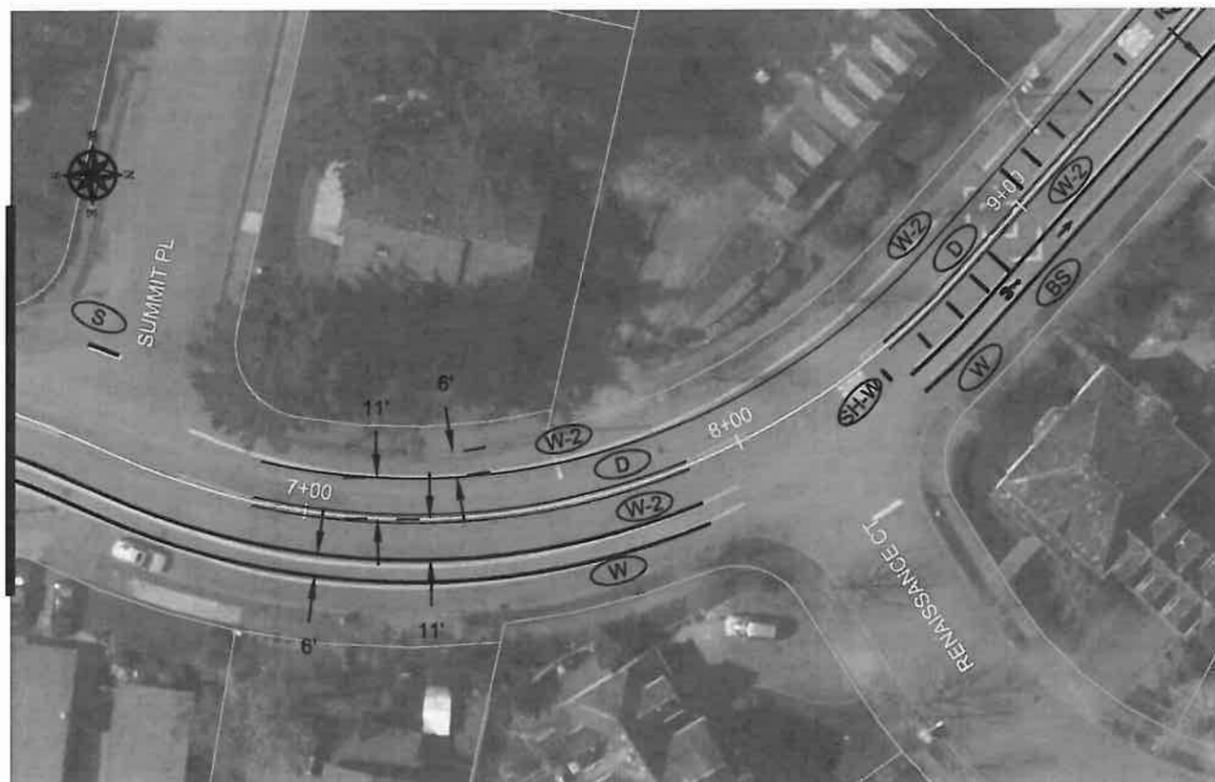
STRIPING PLAN

SCALE: 1" = 50' Horizontal

S1.10



MATCH STA: 7+00



MATCH STA: 7+00

MATCH STA: 9+00

CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(W-2)	STA: 1+00	STA: 8+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	1950	00865
(W)	STA: 1+00	STA: 8+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	500	00865
TOTAL					2450	
(D)	STA: 1+00	STA: 8+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	1010	00865
TOTAL					1010	
(S)*	STA: 1+00	STA: 8+00	Transverse Pavement Markings - Type A Pavement Bar - (Stop Bar)	SQ. FT.	46	00867
(BS)*	STA: 1+00	STA: 8+00	Transverse Pavement Markings - Type A Bicycle Lane Symbols	EACH	1	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.

* NOTE: ALL TRANSVERSE PAVEMENT MARKING BY OTHER





EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Summit St
 from Skyline Dr to Pimlico Dr

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: L.CALVERT
 DATE: JULY 1, 2013

REVISION

DATE DESCRIPTION

STRIPING PLAN

SCALE: 1" = 50' Horizontal

S1.11

MATCH STA: 9+00



MATCH STA: 15+00



CONSTRUCTION NOTES

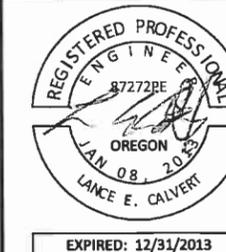
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(W-2)	STA: 8+00	STA: 15+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	2770	00865
(W)	STA: 8+00	STA: 15+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	660	00865
TOTAL					3430	
(D)	STA: 8+00	STA: 15+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	1180	00865
TOTAL					1180	
(BS)*	STA: 8+00	STA: 15+00	Transverse Pavement Markings - Type A Bicycle Lane Symbols	EACH	2	00867
(SH-W)*	STA: 8+00	STA: 15+00	Transverse Pavement Markings - Type A Pavement Bar - (Speed Hump Advance Warning)	SQ. FT.	72	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.

* NOTE: ALL TRANSVERSE PAVEMENT MARKING BY OTHER



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CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Summit St
 from Skyline Dr to Pimlico Dr

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION

DATE	DESCRIPTION

STRIPING PLAN

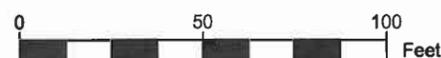
SCALE: 1" = 50' Horizontal

S1.12

MATCH STA: 15+00



MATCH STA: 21+00



CONSTRUCTION NOTES						
NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(W-2)	STA: 15+00	STA: 21+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	2200	00865
(W)	STA: 15+00	STA: 21+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	600	00865
TOTAL					2800	
(D)	STA: 15+00	STA: 21+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	1010	00865
TOTAL					1010	
(SH-W)*	STA: 15+00	STA: 21+00	Transverse Pavement Markings - Type A Pavement Bar - (Speed Hump Advance Warning)	SQ. FT.	72	00867
(BS)*	STA: 15+00	STA: 21+00	Transverse Pavement Markings - Type A Bicycle Lane Symbols	EACH	2	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.

* NOTE: ALL TRANSVERSE PAVEMENT MARKING BY OTHER

MATCH STA: 21+00



MATCH STA: 27+00

CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(W-2)	STA: 21+00	STA: 27+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	2070	00865
(W)	STA: 21+00	STA: 27+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	525	00865
TOTAL					2595	
(D)	STA: 21+00	STA: 27+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	1040	00865
TOTAL					1040	
(SH-W)*	STA: 21+00	STA: 27+00	Transverse Pavement Markings - Type A Pavement Bar - (Speed Hump Advance Warning)	SQ. FT.	72	00867
(S)*	STA: 21+00	STA: 27+00	Transverse Pavement Markings - Type A Pavement Bar - (Stop Bar)	SQ. FT.	50	00867
(BS)*	STA: 21+00	STA: 27+00	Transverse Pavement Markings - Type A Bicycle Lane Symbols	EACH	2	00867

*NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.

*NOTE: ALL TRANSVERSE PAVEMENT MARKING BY OTHER



CITY OF WEST LINN
 22500 SALAMO ROAD
 WEST LINN, OREGON 97068
 WWW.WESTLINNOREGON.GOV
 PHONE: (503) 567-0331
 FAX: (503) 650-9041



EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Summit St
 from Skyline Dr to Pimlico Dr

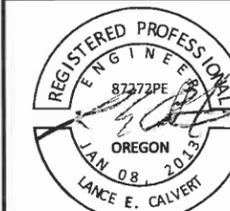
PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION	
DATE	DESCRIPTION

STRIPING PLAN
 SCALE: 1" = 50' Horizontal
S1.13



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2013 ROAD IMPROVEMENT PROGRAM

Summit St
 from Skyline Dr to Pimlico Dr

PROJECT NO.: PW-13-07
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 DATE: JULY 1, 2013

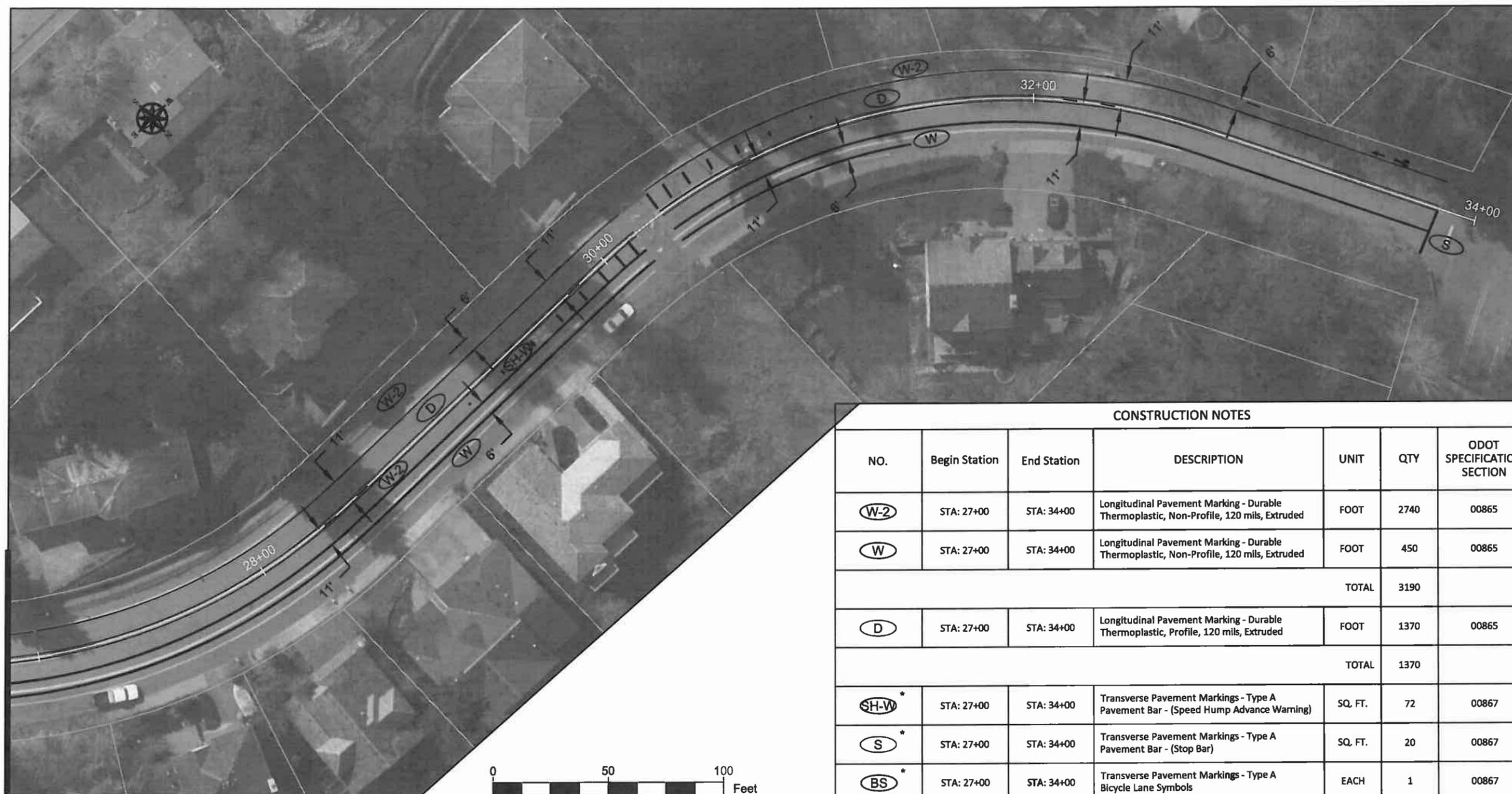
REVISION

DATE DESCRIPTION

STRIPING PLAN

SCALE: 1" = 50' Horizontal

S1.14



MATCH STA: 27+00

CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(W-2)	STA: 27+00	STA: 34+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	2740	00865
(W)	STA: 27+00	STA: 34+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	450	00865
TOTAL					3190	
(D)	STA: 27+00	STA: 34+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	1370	00865
TOTAL					1370	
(SH-W)*	STA: 27+00	STA: 34+00	Transverse Pavement Markings - Type A Pavement Bar - (Speed Hump Advance Warning)	SQ. FT.	72	00867
(S)*	STA: 27+00	STA: 34+00	Transverse Pavement Markings - Type A Pavement Bar - (Stop Bar)	SQ. FT.	20	00867
(BS)*	STA: 27+00	STA: 34+00	Transverse Pavement Markings - Type A Bicycle Lane Symbols	EACH	1	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.

* NOTE: ALL TRANSVERSE PAVEMENT MARKING BY OTHER



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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
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 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Old River Dr
 From Cedaroak Dr To City Limit

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

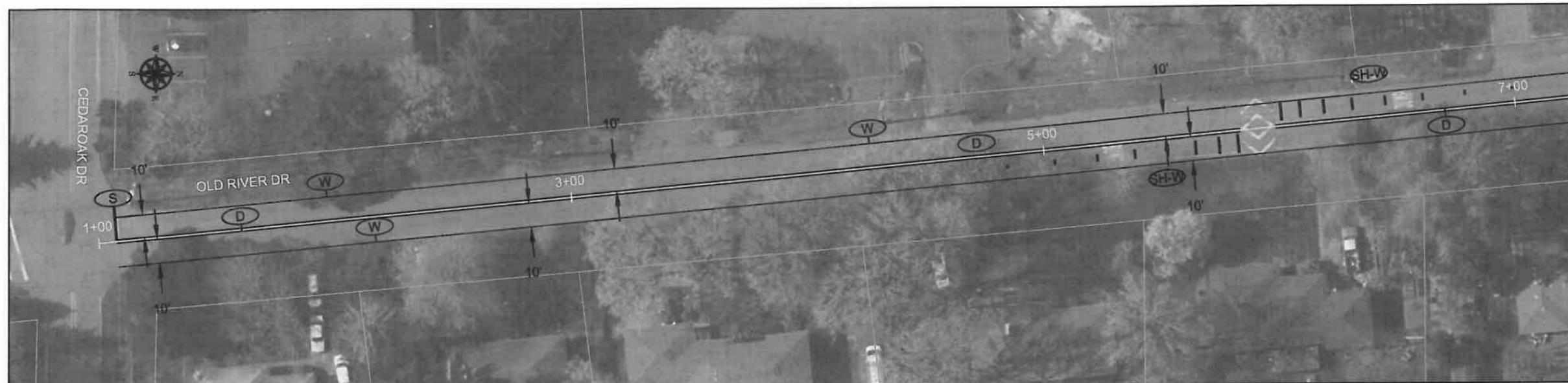
REVISION

DATE DESCRIPTION

STRIPING PLAN

SCALE: 1" = 50' Horizontal

S1.15



MATCH STA: 7+00



MATCH STA: 7+00

MATCH STA: 13+00

CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(W)	STA: 1+00	STA: 13+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	2125	00865
(D)	STA: 1+00	STA: 13+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	2010	00865
(S)*	STA: 1+00	STA: 13+00	Transverse Pavement Markings - Type A Stop Bar	SQ. FT	15	00867
(SH-W)*	STA: 1+00	STA: 13+00	Transverse Pavement Markings - Type A Speed Hump Advance Warning Bar	SQ. FT.	72	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.

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EXPIRED: 12/31/2013

CONTRACTOR

NAME: -N/A
 ADDRESS: -N/A
 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Old River Dr
 From Cedaroak Dr To City Limit

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION

DATE	DESCRIPTION

STRIPING PLAN

SCALE: 1" = 50' Horizontal

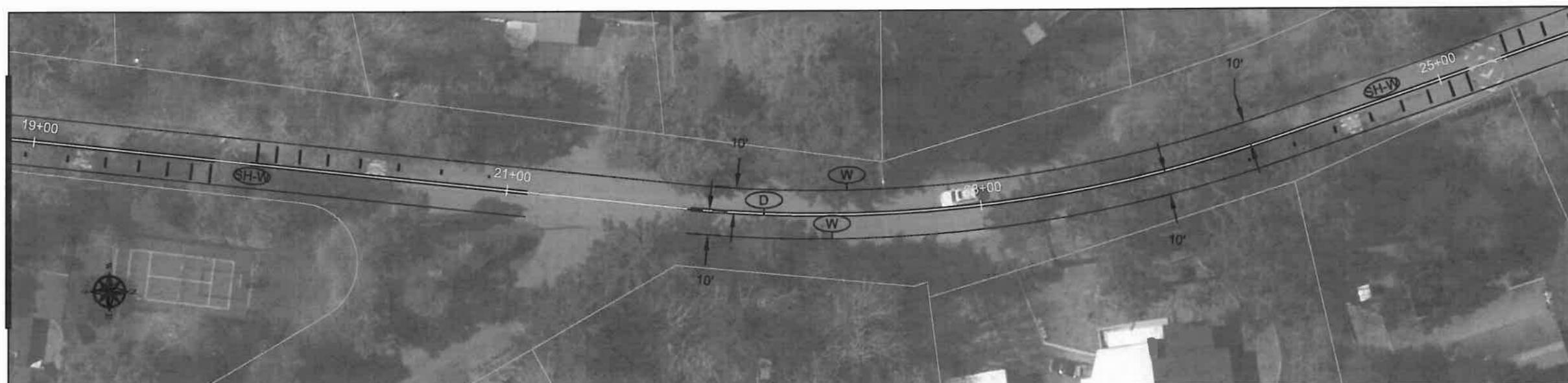
S1.16

MATCH STA: 13+00



MATCH STA: 19+00

MATCH STA: 19+00



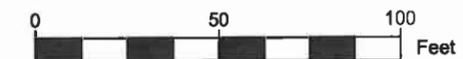
MATCH STA: 25+00

CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(W)	STA: 13+00	STA: 25+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	2220	00865
(D)	STA: 13+00	STA: 25+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	1660	00865
(SH)*	STA: 13+00	STA: 25+00	Transverse Pavement Markings - Type A Speed Hump Advance Warning Bar	SQ. FT.	216	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.

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2013 ROAD IMPROVEMENT PROGRAM

Old River Dr
 From Cedaroak Dr To City Limit

PROJECT NO.: PW-13-07
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 CHECKED BY: LCALVERT
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REVISION

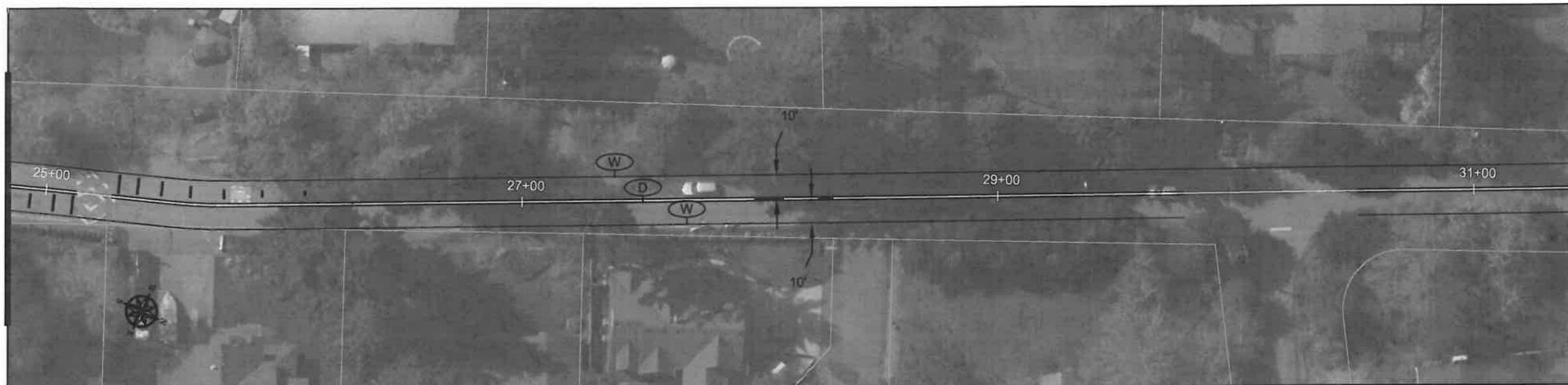
DATE	DESCRIPTION

STRIPING PLAN

SCALE: 1" = 50' Horizontal

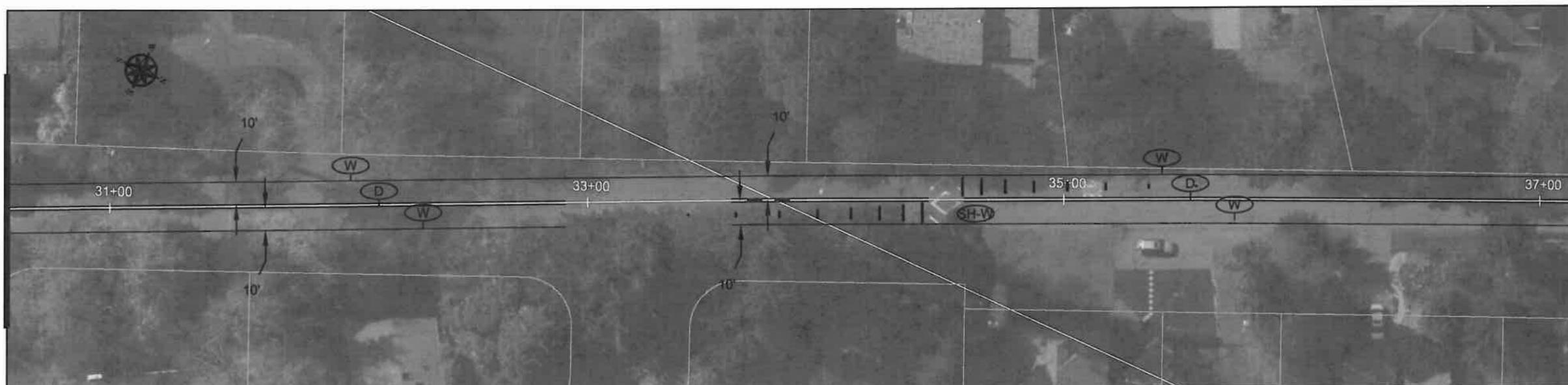
S1.17

MATCH STA: 25+00



MATCH STA: 31+00

MATCH STA: 31+00



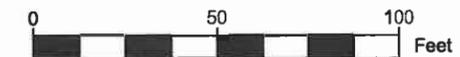
MATCH STA: 37+00

CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(W)	STA: 25+00	STA: 37+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	2260	00865
(D)	STA: 25+00	STA: 37+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	2040	00865
(SH)*	STA: 25+00	STA: 37+00	Transverse Pavement Markings - Type A Speed Hump Advance Warning Bar	SQ. FT.	72	00867

* NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.

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 PHONE: -N/A
 FAX: -N/A

2013 ROAD IMPROVEMENT PROGRAM

Old River Dr
 From Cedaroak Dr To City Limit

PROJECT NO.: PW-13-07
 DESIGNED BY: KLE
 DRAWN BY: KLE
 CHECKED BY: LCALVERT
 DATE: JULY 1, 2013

REVISION

DATE	DESCRIPTION

STRIPING PLAN

SCALE: 1" = 50' Horizontal

S1.18

MATCH STA: 37+00



MATCH STA: 43+00

MATCH STA: 43+00



MATCH STA: 47+00

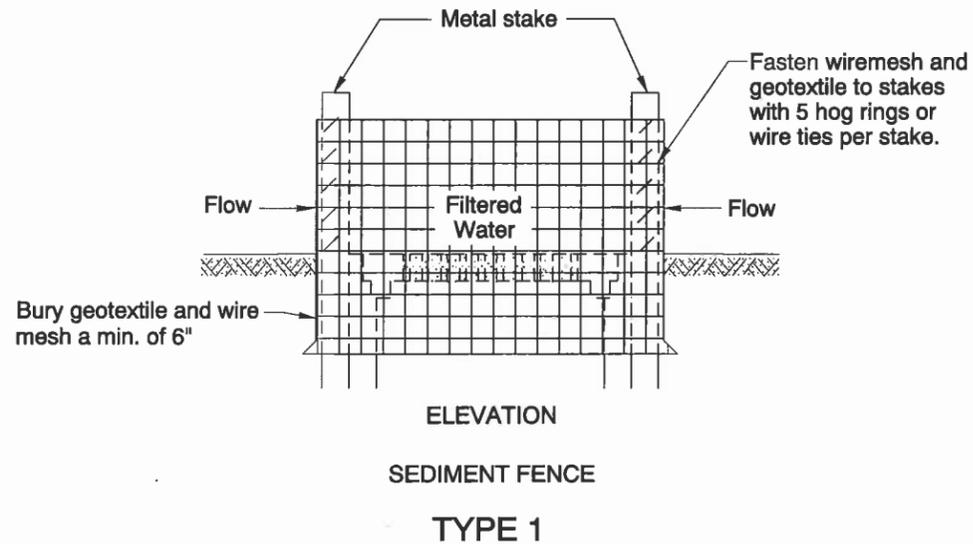
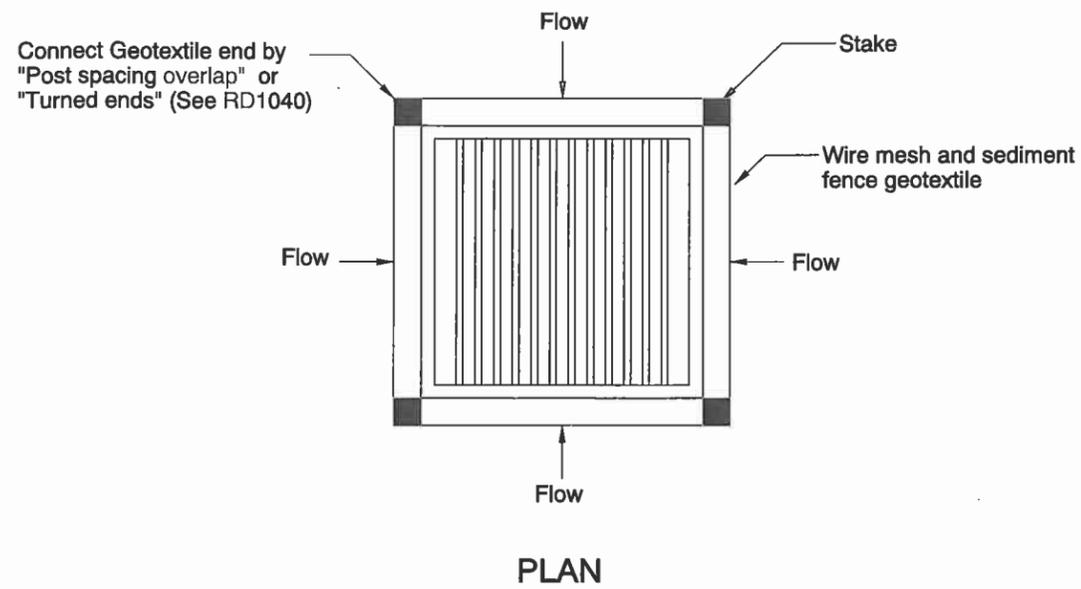
CONSTRUCTION NOTES

NO.	Begin Station	End Station	DESCRIPTION	UNIT	QTY	ODOT SPECIFICATION SECTION
(W)	STA: 37+00	STA: 47+00	Longitudinal Pavement Marking - Durable Thermoplastic, Non-Profile, 120 mils, Extruded	FOOT	1180	00865
(D)	STA: 37+00	STA: 47+00	Longitudinal Pavement Marking - Durable Thermoplastic, Profile, 120 mils, Extruded	FOOT	1080	00865

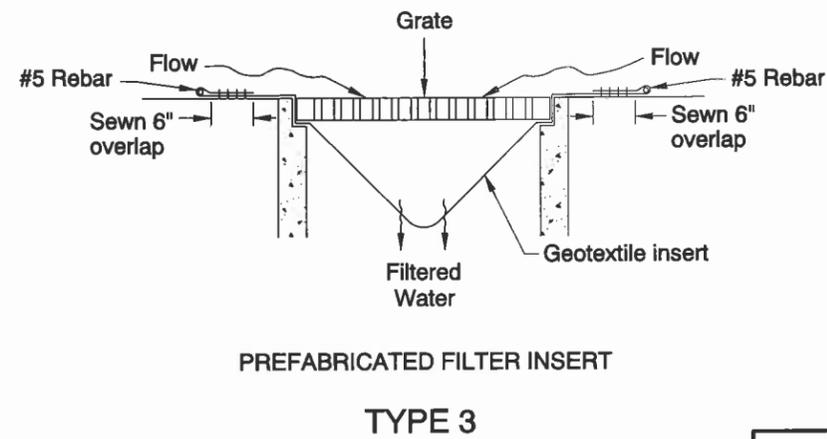
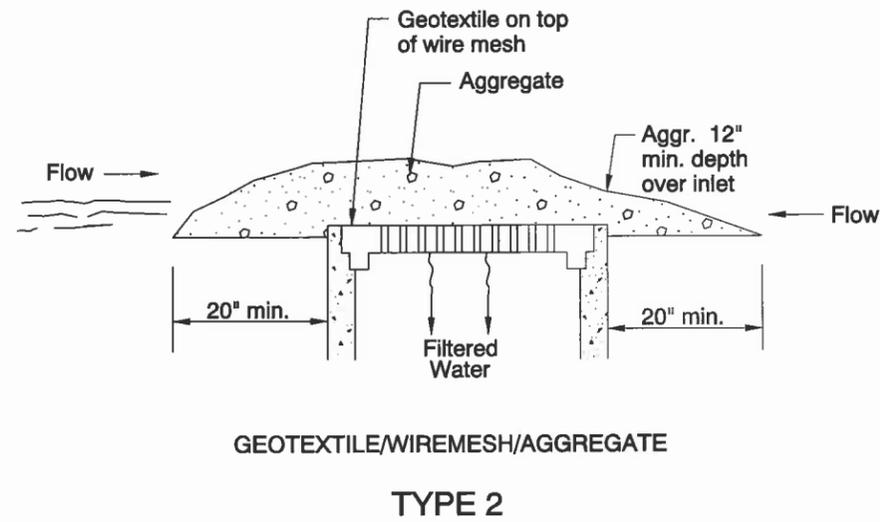
*NOTE: MEASUREMENT FOR LONGITUDINAL PAVEMENT MARKING WITH WIDTH GREATER THAN 4 INCHES HAVE BEEN CONVERTED TO A NOMINAL LINE WIDTH OF 4 INCHES.



rd1010.dgn 12-31-08



- Note:**
- Type 1 Sediment Fence
 - Type 2 Geotextile/wire mesh/aggregate
 - Type 3 Prefabricated filter insert
 - Type 4 Biofilter bags
 - Type 5 Masonry/aggregate
 - Type 6 Sod



INLET PROTECTION						
Site Conditions Where Types Are Appropriate	TYPE					
	1	2	3	4	5	6
Area Drain, Soil	Y	Y	Y	Y	Y	Y
Area Drain, Pavement	N	Y	Y	Y	Y	N
Ditch Inlet, Soil	Y	N	Y	Y	N	Y
Ditch Inlet, Pavement	N	N	Y	Y	N	N
Grate Inlet Along Curb, Soil	N	Y	Y	Y	Y	Y
Grate Inlet Along Curb, Pavement	N	Y	Y	Y	Y	N
Curb Opening Inlet, Soil	N	N	N	Y	Y	Y
Curb Opening Inlet, Pavement	N	N	N	Y	Y	N

For Inlet Protection Types 4 and 5 see RD1015 and RD1020.

CALC. BOOK NO. _____	BASELINE REPORT DATE _____
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications	
OREGON STANDARD DRAWINGS	
INLET PROTECTION (TYPE 1, 2 & 3)	
2008	
DATE	REVISION DESCRIPTION

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

RD1010

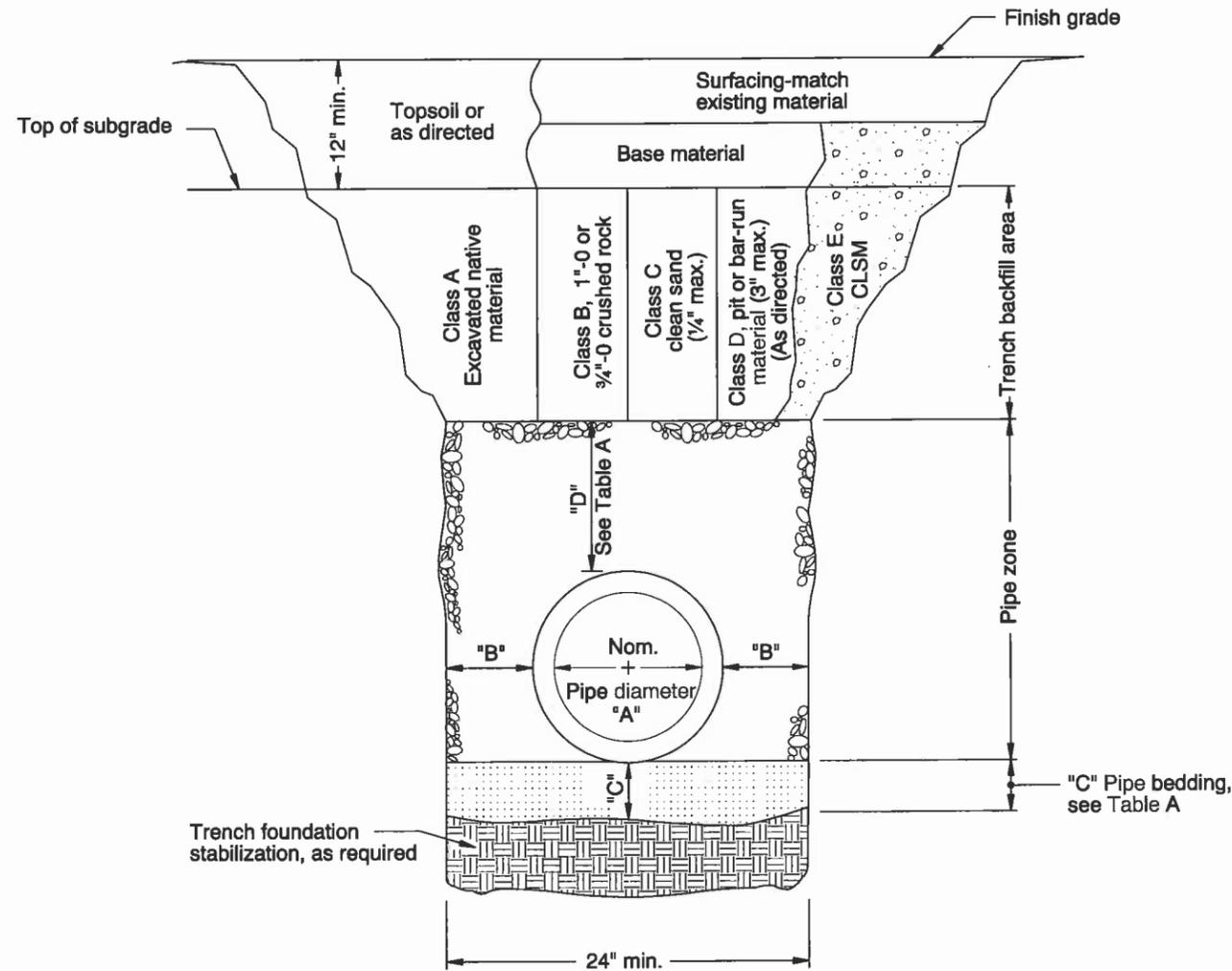


TABLE A

"A" (in)	"B" (in)	"C" (in)	"D" (in)
4	10	4	8
6	10	4	8
8	10	6	10
10	10	6	10
12	12	6	10
15	12	6	10
18	16	6	12
21	16	6	12
24	18	6	12
30	18	6	12
36	24	6	14
42	24	6	14
48	24	6	14
54	24	6	14
60	24	6	14
66	24	6	14
72	24	6	14

For pipes over 72" diameter, see general note 3.

MULTIPLE INSTALLATIONS	
DIAMETER	MIN. SPACE BETWEEN PIPES
Up to 48"	24"
48" to 72"	One half (1/2) dia. of pipe

GENERAL NOTES FOR ALL DETAILS:

1. Surfacing of paved areas shall comply with street cut Std. Drg. RD302.
2. For pipe installation in embankment areas where the trench method will not be used and the pipe is $\geq 36"$ diameter, increase dimension "B" to nominal pipe diameter.
3. Pipes over 72" diameter are structures, and are not applicable to this drawing.
4. See Std. Drg. RD336 for tracer wire details (When required).

CALC. BOOK NO. N/A BASELINE REPORT DATE 18-DEC-2009

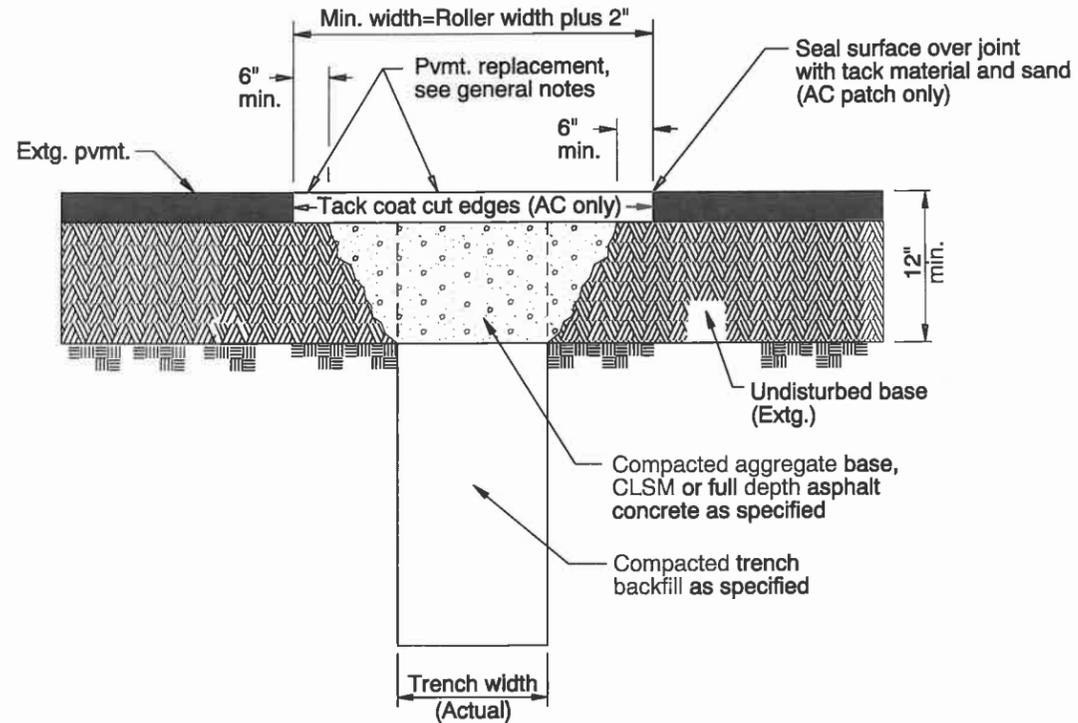
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS
TRENCH BACKFILL, BEDDING,
PIPE ZONE AND MULTIPLE
INSTALLATIONS

2008

DATE	REVISION DESCRIPTION
06-2009	ADDED AND REVISED NOTES
12-2009	ADDED AND REVISED NOTES



GENERAL NOTES FOR ALL DETAILS:

1. All existing AC or PCC pavement shall be sawcut prior to repaving.
2. Concrete pavement shall be replaced with concrete to a minimum thickness of 6" or to the thickness of removed pavement, whichever is greater.
3. Place AC mix minimum thkn. of 4" or the thkn. of the removed pavement, whichever is greater. Compact as specified.

CALC. BOOK NO. N/A

BASELINE REPORT DATE 12-JUN-2008

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

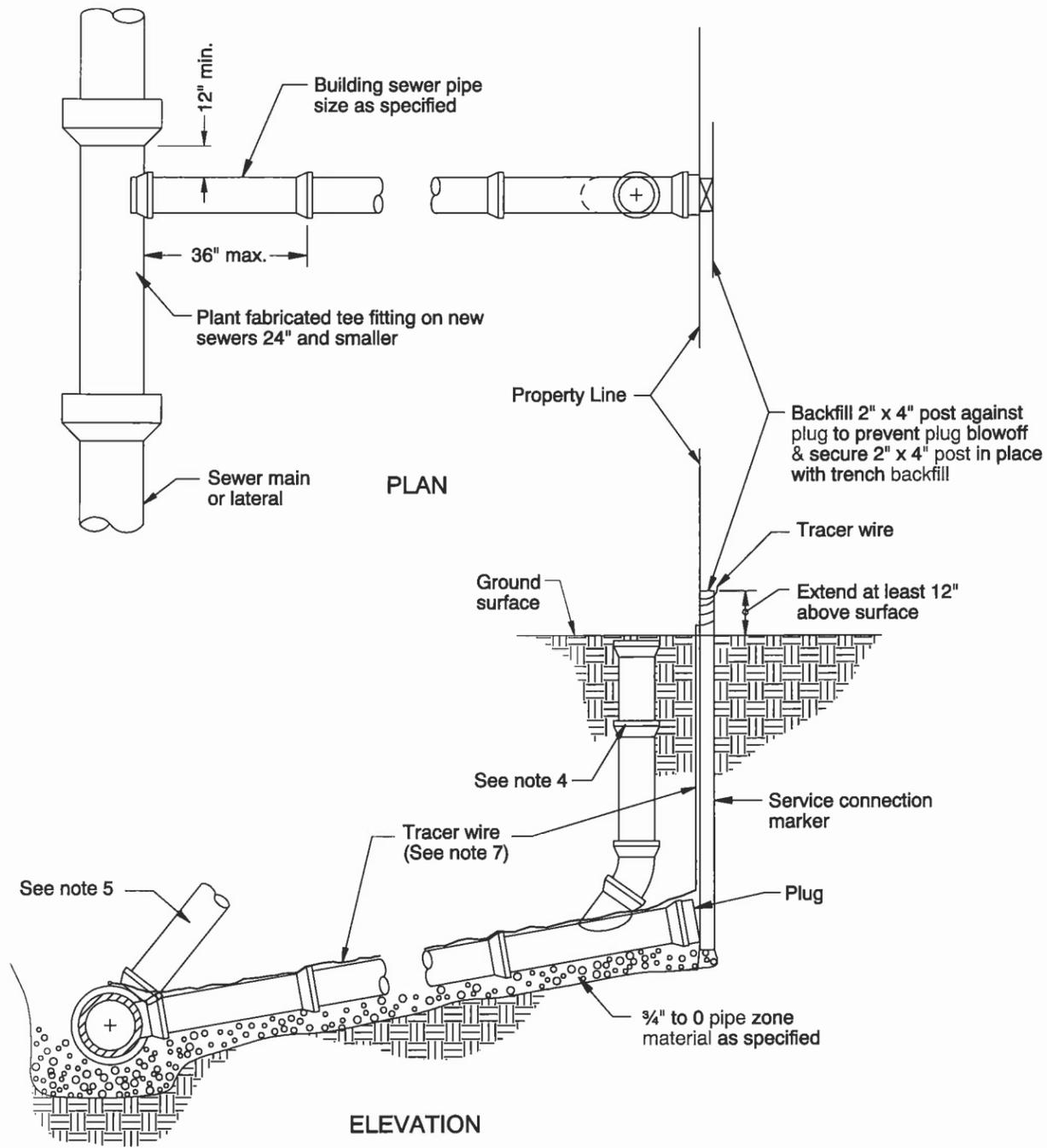
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

STREET CUT

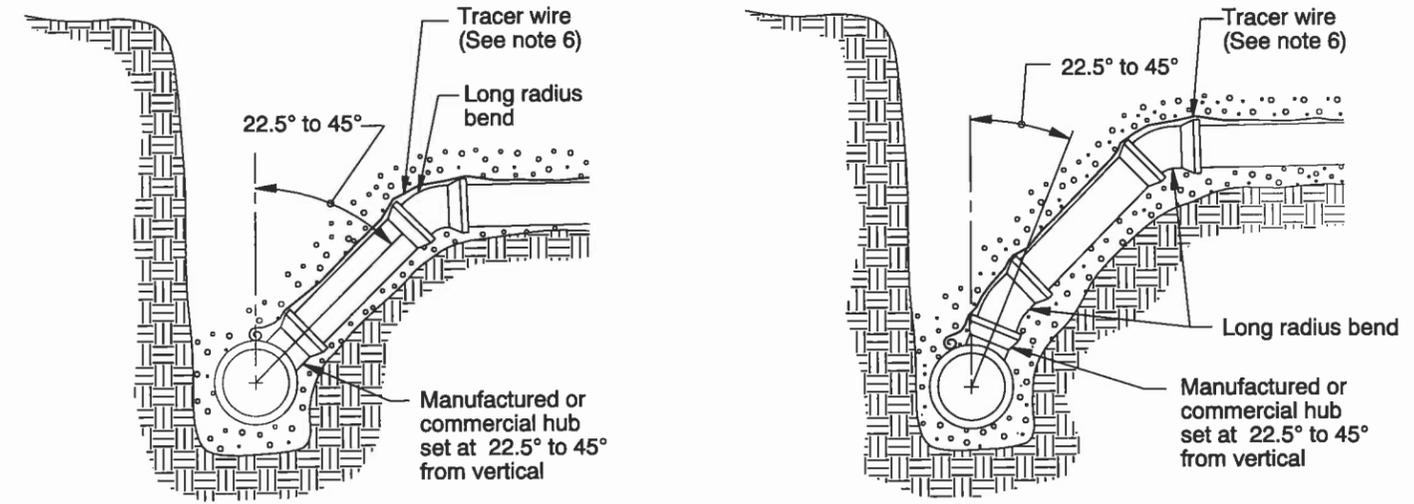
2008

DATE	REVISION DESCRIPTION



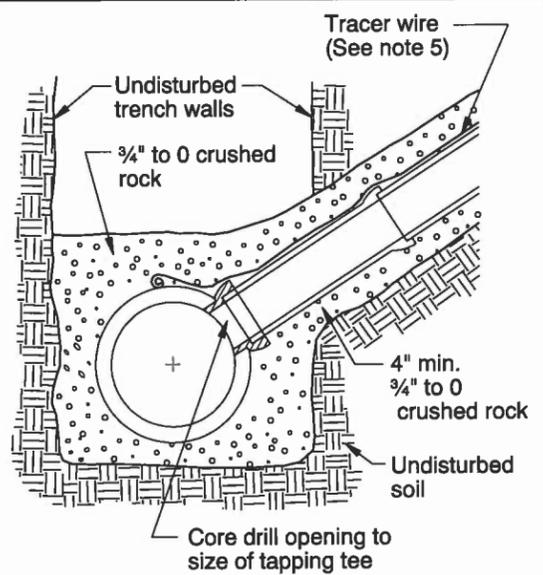
SHALLOW TRENCH SERVICE

- NOTES:
1. Pipe and fittings shall be compatible. Only manufactured fittings shall be used.
 2. Minimum depth at right of way or easement line shall be 4'.
 3. Marker posts and blocking shall be treated wood. Post shall be 2" x 4" fir. Post to extend 12" minimum above finish grade and exposed area shall be painted green.
 4. When required, a cleanout shall be installed where directed.
 5. Lay building sewer at max. 45° from horizontal to achieve required depth at property line when minimum slope results in excessive depth.
 6. For bedding and backfill see Std. Drg. RD300.
 7. See Std. Drg. RD336 for tracer wire details.



DEEP TRENCH SERVICE

- NOTES:
1. Pipe and fittings shall be compatible. Only manufactured fittings shall be used.
 2. For details not shown see shallow trench service connection drawing.
 3. Vertical trench walls are required. If it is not possible to maintain vertical trench walls, use alternate connection method to maintain 6" maximum distance between riser pipe and trench walls. Replace all excavated or disturbed material with full depth granular backfill compacted to 95% relative density.
 4. Where deep connection is at an angle less than 45° from vertical, ductile iron pipe and fittings should be used.
 5. For bedding and backfill, see Std. Drg. RD300.
 6. See Std. Drg. RD336 for tracer wire details.

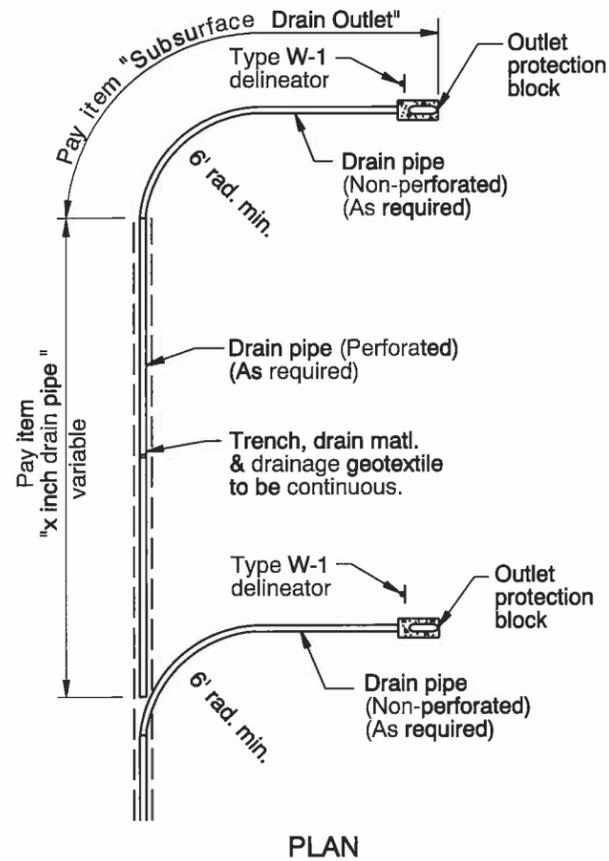


WASTEWATER SERVICE TAP

- NOTES:
1. Seat tee in place to fit outside surface of carrier pipe and to form watertight seal.
 2. Type of tapping tee shall be watertight and conform to standard specification requirements.
 3. Tapping tee shall not protrude into pipe except as approved by the engineer.
 4. For bedding and backfill, see Std. Drg. RD300.
 5. See Std. Drg. RD336 for tracer wire details.

CALC. BOOK NO. N/A	BASELINE REPORT DATE 08-JAN-2010
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications	
OREGON STANDARD DRAWINGS	
SHALLOW/DEEP TRENCH SERVICE CONNECTION, BLOCKING AND MARKERS	
2008	
DATE	REVISION DESCRIPTION
12-2008	REVISED DETAILS AND ADDED NOTES

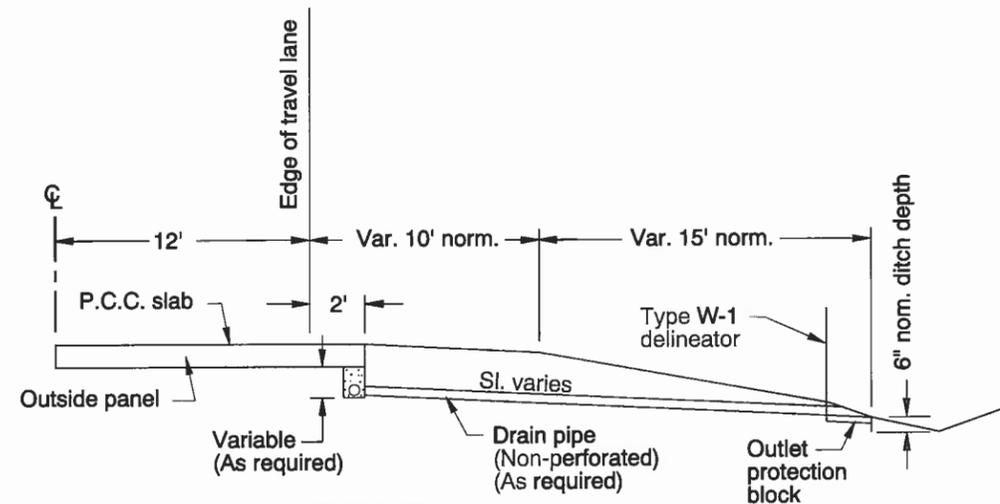
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.



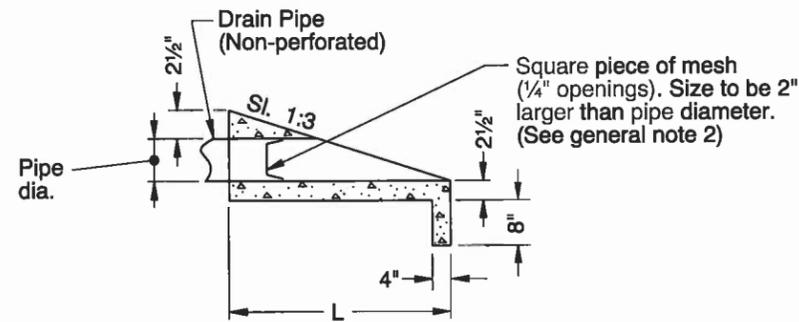
PLAN

PIPE DIA. (in)	L NOM. (in)	W NOM. (in)
3	24	12
4	24	12
6	33	14
8	42	16

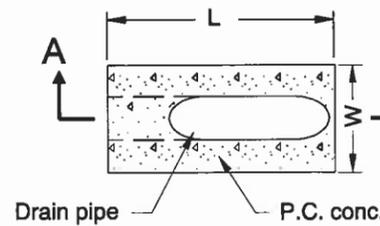
TYPE 1 SUBSURFACE DRAIN INSTALLATION



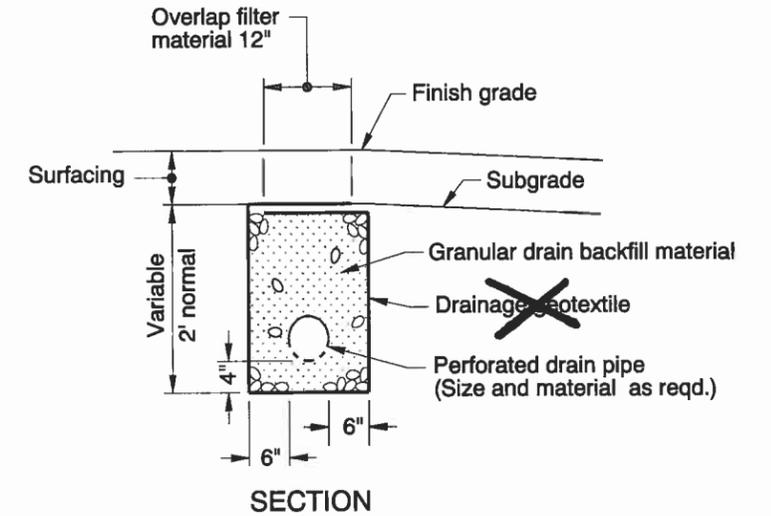
ELEVATION
SUBSURFACE DRAIN OUTLET



SECTION A-A



PLAN
OUTLET PROTECTION BLOCK



SECTION
SUBSURFACE DRAIN DETAIL

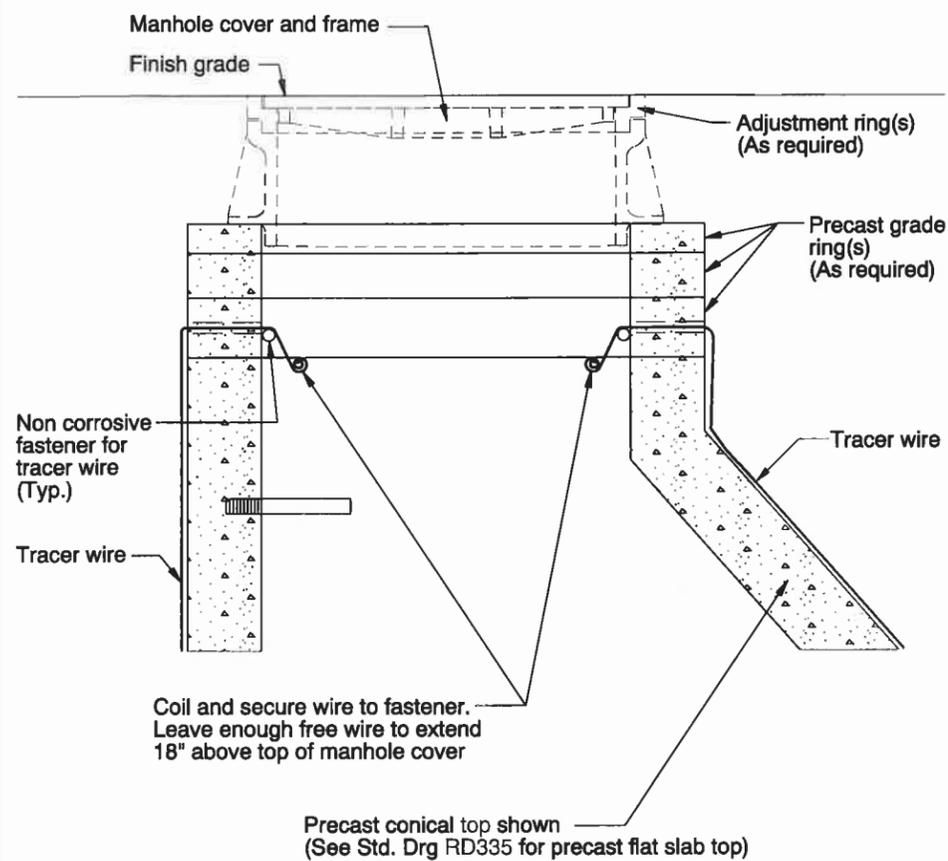
GENERAL NOTES FOR ALL DETAILS:

1. In guard rail areas extend outlet protection block to back of guard rail post min.
2. Mesh for rodent control to be galvanized wire or approved equal.

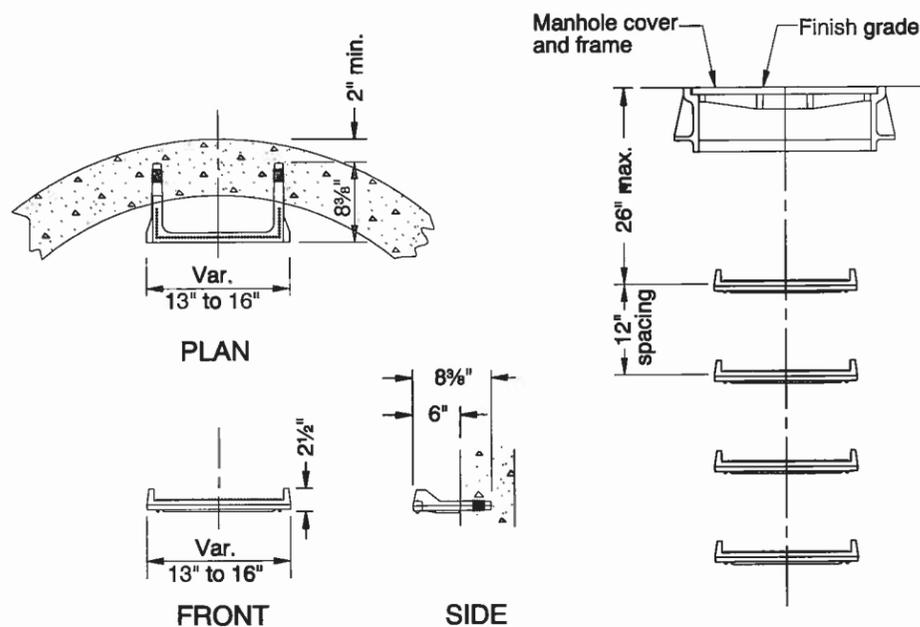
CALC. BOOK NO. N/A	BASELINE REPORT DATE 12-DEC-2008
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications	
OREGON STANDARD DRAWINGS	
SUBSURFACE DRAIN	
2008	
DATE	REVISION DESCRIPTION

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

rd336.dgn 23-JUL-2012

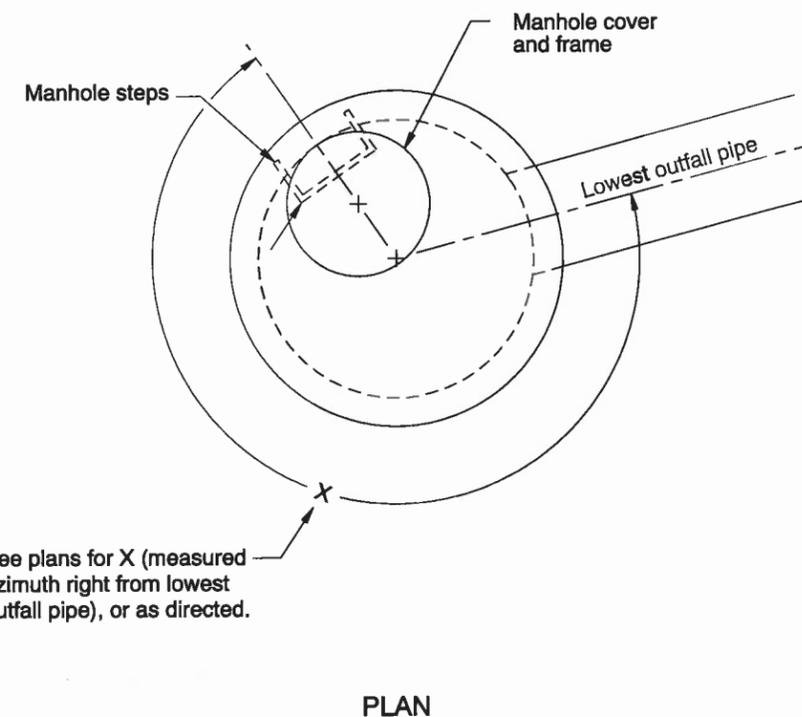


DETAIL "A"
TRACER WIRE
(See general note 6)



See ODOT's QPL for acceptable alternate manhole steps and/or ladders.
NOTE: No conflict with pipe align with available shelf.

DETAIL "B"
MANHOLE STEPS
(See general note 7)



See plans for X (measured azimuth right from lowest outfall pipe), or as directed.

DETAIL "C"
PRECAST CONICAL TOP
OR
PRECAST FLAT SLAB TOP
AND MANHOLE STEPS ORIENTATION
(See general note 7)

GENERAL NOTES FOR ALL DETAILS:

1. All precast sections shall conform to requirements of ASTM C478.
2. Standard precast manhole section diameter shall be 48". Use 42" if specified by the Engineer.
3. All connecting pipes shall have a flexible, gasketed and unrestrained joint within 18" of manhole wall. Joint type varies with manufacturer.
4. See Std. Drg. RD344 for manhole base section.
5. Adjust 24" maximum.
6. All connecting pipes shall have a tracer wire, or approved alternate.

7. Ladder with notched safety rail and removable extension is reqd. for manholes with depths between 24'-0" and 50'-0".
8. See Std. Drg. RD335 for details not shown.
9. See Std. Drg. RD356 for manhole covers and frames, manhole adjustment rings, etc.
10. Max. pipe diameter varies with pipe material.
11. See Std. Drg. RD342 for shallow manholes.

CALC. BOOK NO. N/A BASELINE REPORT DATE 23-JUL-2012

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

STANDARD
STORM SEWER MANHOLE

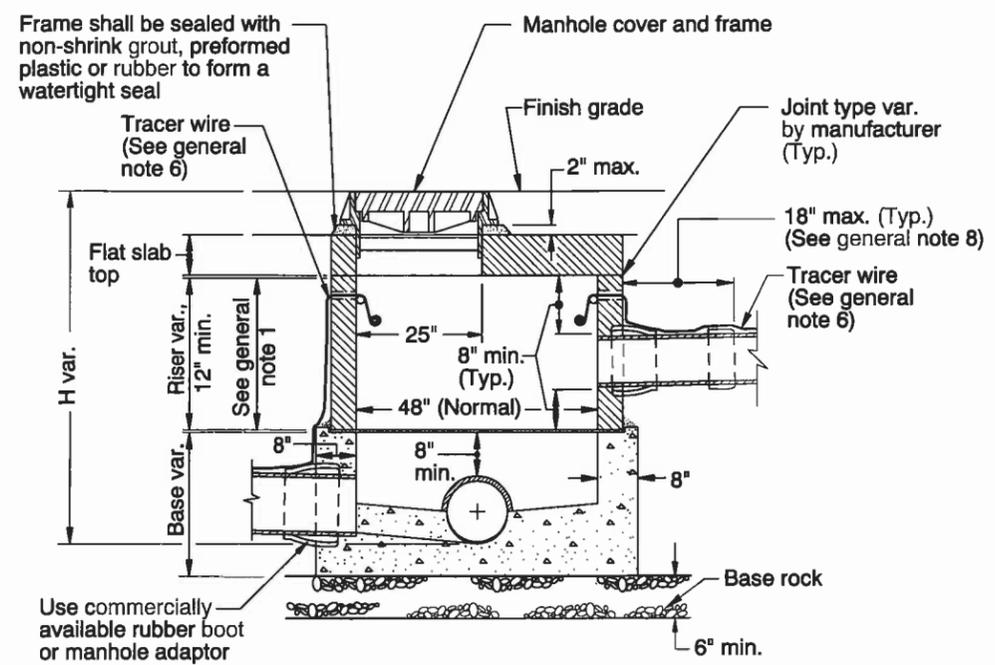
2008

DATE	REVISION DESCRIPTION
06-2008	REVISED & ADDED NOTES
01-2011	REVISED & ADDED NOTES
07-2012	REVISED DETAILS, REVISED & ADDED NOTES

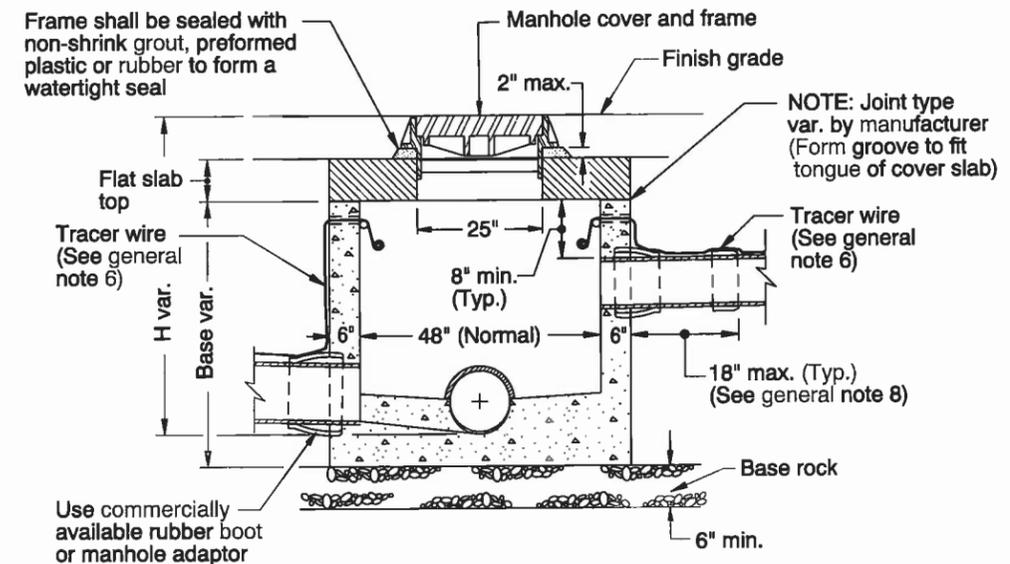
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RD336

rd342.dgn 29-JAN-2013



SECTION A-A
(Base, Riser & Flat Slab Top)



SECTION B-B
(Base & Flat Slab Top)

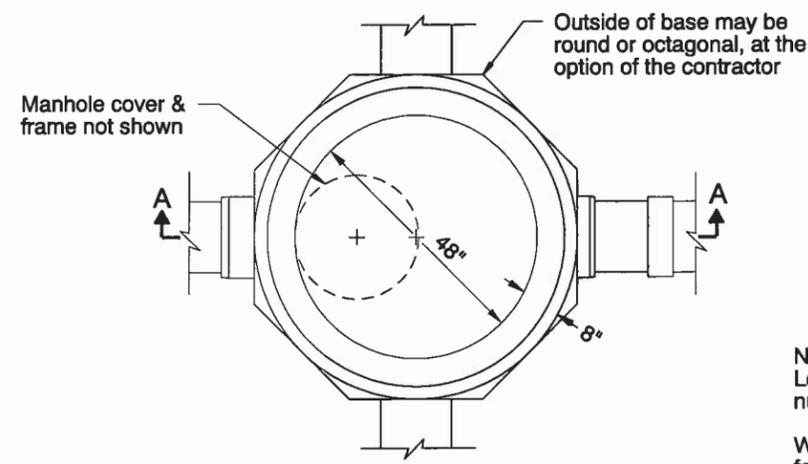
LEGEND
(See general note 3)

Cast-in-Place concrete	
Precast concrete	
1: 2 cement mortar	
Sewer pipe	

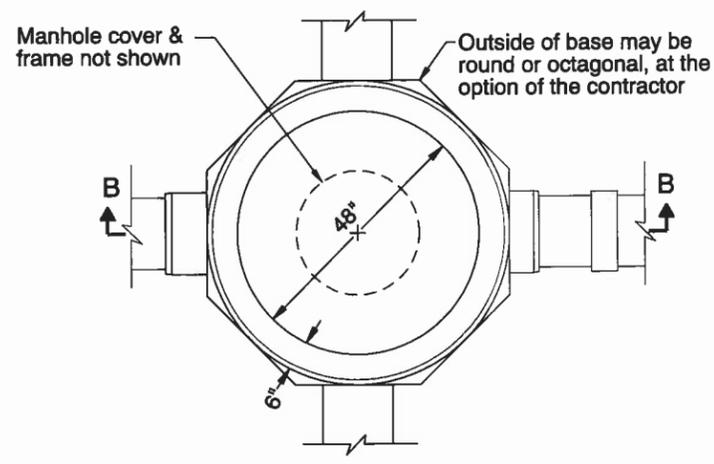
Use commercially available rubber boot or manhole adaptor

Use commercially available rubber boot or manhole adaptor

- GENERAL NOTES FOR ALL DETAILS:**
1. Minimum length if laterals or connections are inserted: outside diameter of pipe + 17".
 2. Use Section B-B when length of riser becomes less than minimum shown.
 3. Base may be precast or cast-in-place.
 4. All precast sections shall conform to the requirements of ASTM C478.
 5. See Std. Drg. RD336 for manhole steps details, and flat slab top orientation.
 6. See Std. Drg. RD336 for tracer wire details.
 7. See Std. Drg. RD344 for manhole base section.
 8. All connecting pipes shall have a flexible, gasketted, and unrestrained joint within 18" of manhole wall. Joint type varies with manufacturer.
 9. See Std. Drg. RD356 for manhole covers and frames.
 10. All concrete shall be commercial grade concrete.
 11. Max. pipe diameter varies with pipe material.



TOP VIEW
(Base, Riser & Flat Slab Top)



TOP VIEW
(Base & Flat Slab Top)

NOTES:
Location, elevation, and number of pipe(s) varies.

When H=60" or less make hole for frame in center of cover slab.

When H=42" or less omit steps.

CALC. BOOK NO. N/A BASELINE REPORT DATE 07-JAN-2013

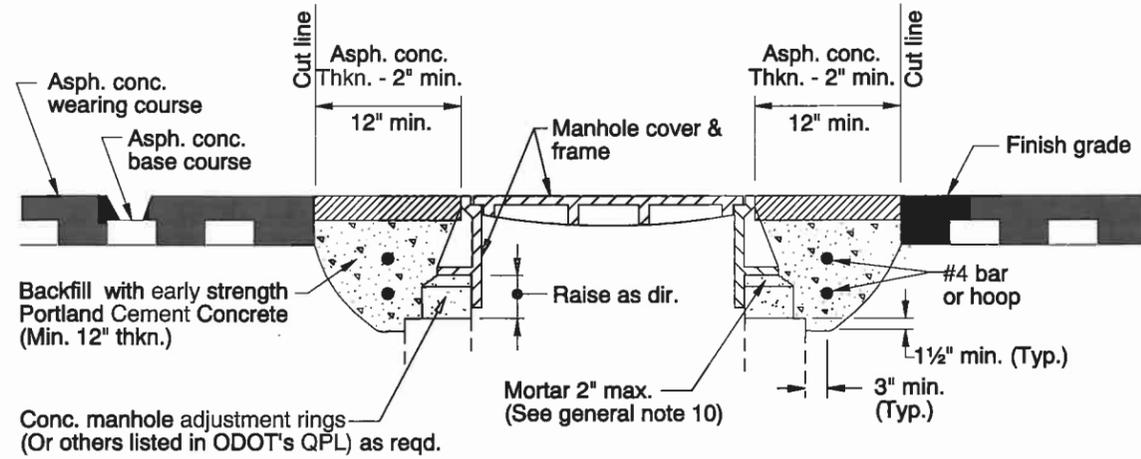
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS	
2008	
DATE	REVISION DESCRIPTION
01-2011	REVISE DETAILS, REVISED & ADDED NOTES
07-2012	REVISE DETAILS, REVISED & ADDED NOTES
01-2013	REVISE DETAILS & NOTES

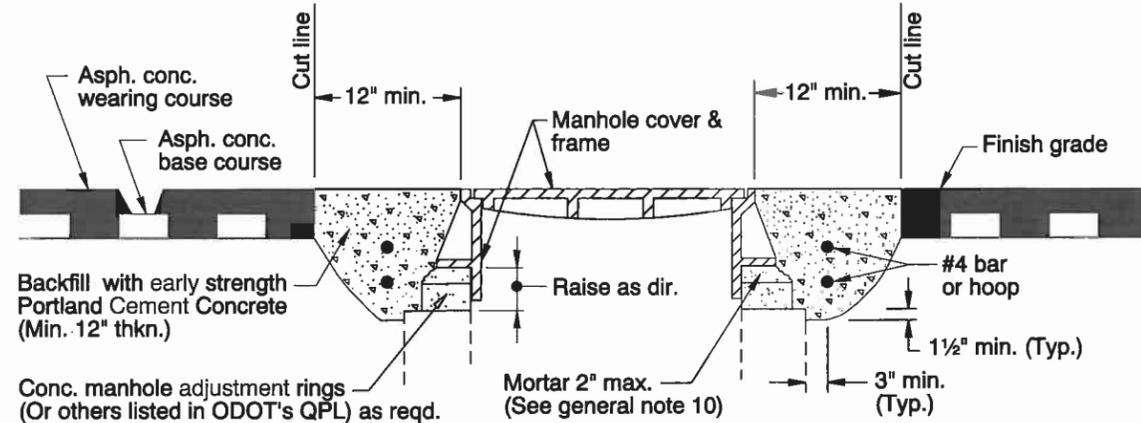
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

RD342

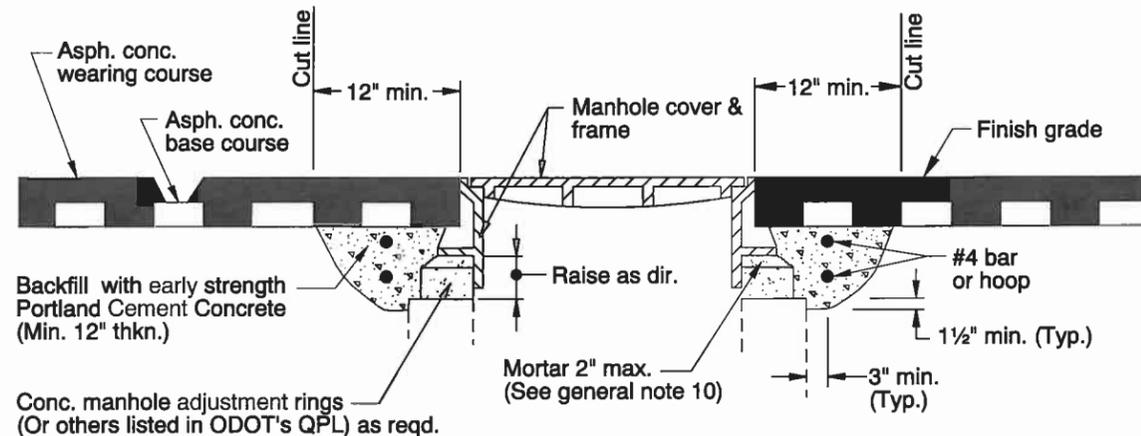
rd360.dgn 24-JAN-2011



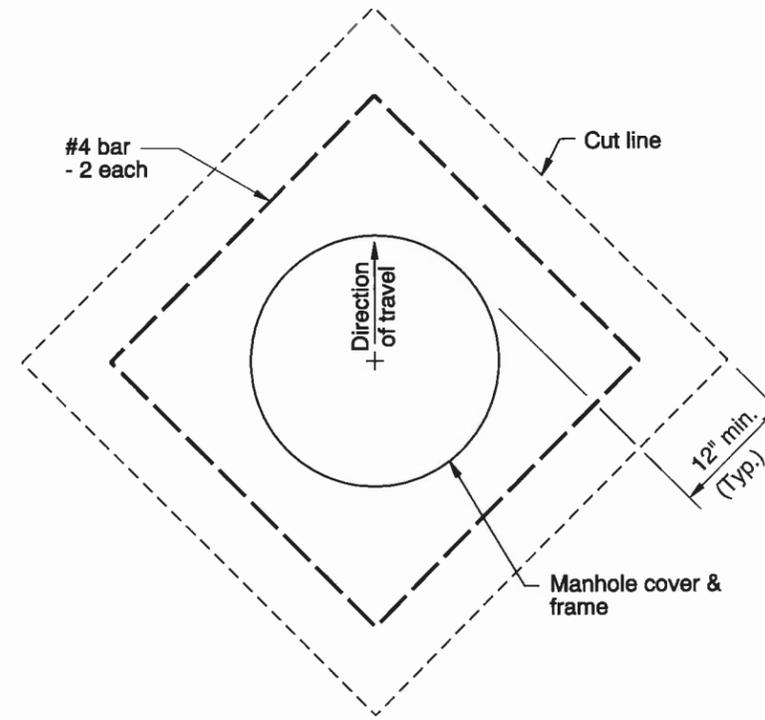
METHOD "A"



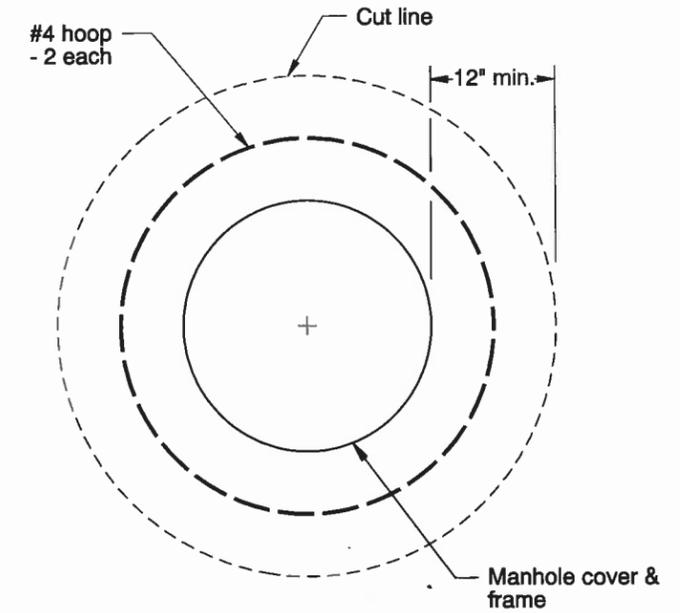
METHOD "B"



METHOD "C"



PLAN SQUARE CUT



PLAN CIRCULAR CUT

GENERAL NOTES FOR ALL DETAILS:

1. Cover manhole with building paper and const. asph. conc. base course and wearing courses.
2. Saw cut square or circular excavation around manhole 12" min. from manhole frame.
3. Raise manhole cover and frame to finish grade by installing conc. manhole adjustment rings and leveling mortar.
4. Backfill with early strength Portland Cement Concrete. All concrete shall be commercial grade concrete.
5. Protect from traffic loading until conc. has cured to 3000 psi.
6. Apply tack coat to edges of existing pavement before installing patch.
7. Finish joint with asphalt seal and sand.
8. See Std. Drg. RD336 for manhole steps details.
9. See appropriate manhole standard drawings for details not shown.
10. Use epoxy for synthetic grade rings.
11. See Std. Drg. RD336 for tracer wire details.
12. See Std. Drg. RD356 for manhole cover and frame.

CALC. BOOK NO. N/A BASELINE REPORT DATE 24-JAN-2011

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

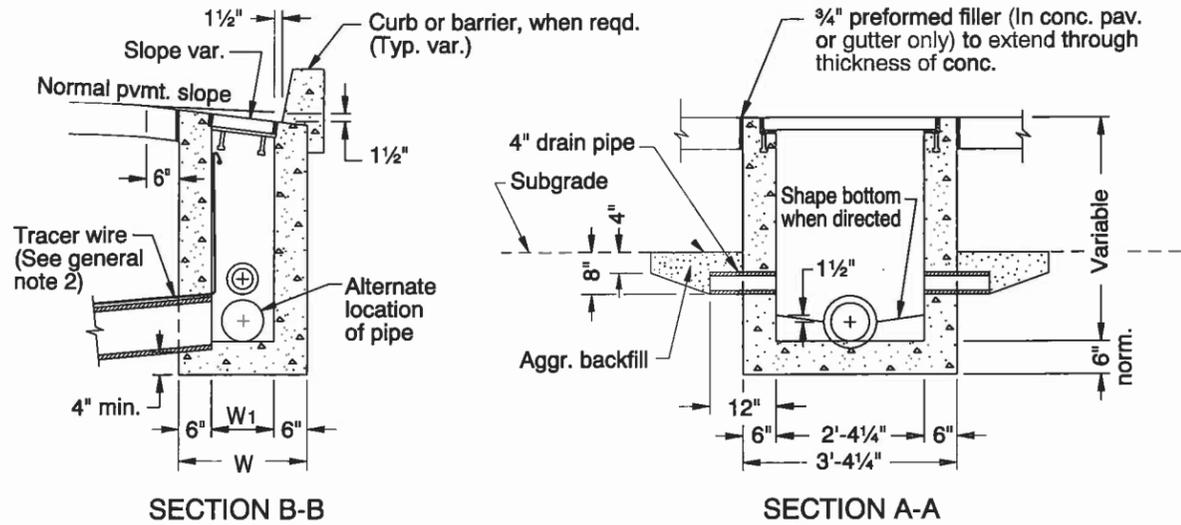
MANHOLE FRAME ADJUSTMENT

2008

DATE	REVISION DESCRIPTION
01-2011	REVISED NOTES

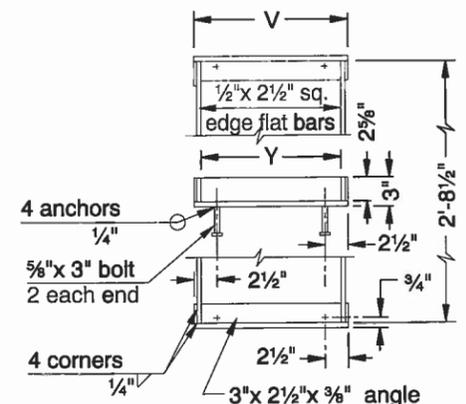
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

RD360

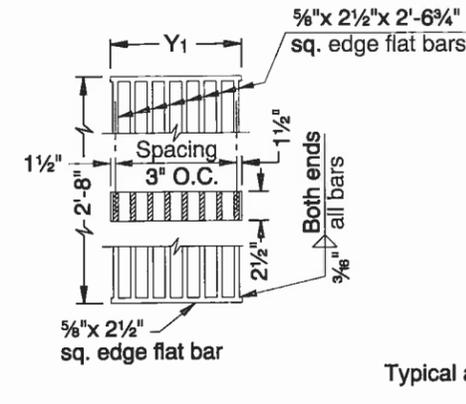


INLET TYPE	W	W ₁
G-1	2'-8 7/8"	1'-8 7/8"
G-2, G-2M	3'-3 3/8"	2'-3 3/8"

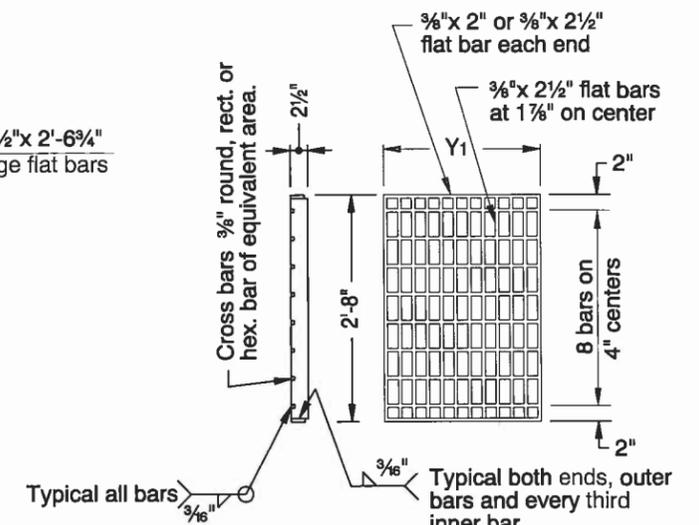
INLET WITHOUT SUMP



FRAME



GRATE (TYPE 1)



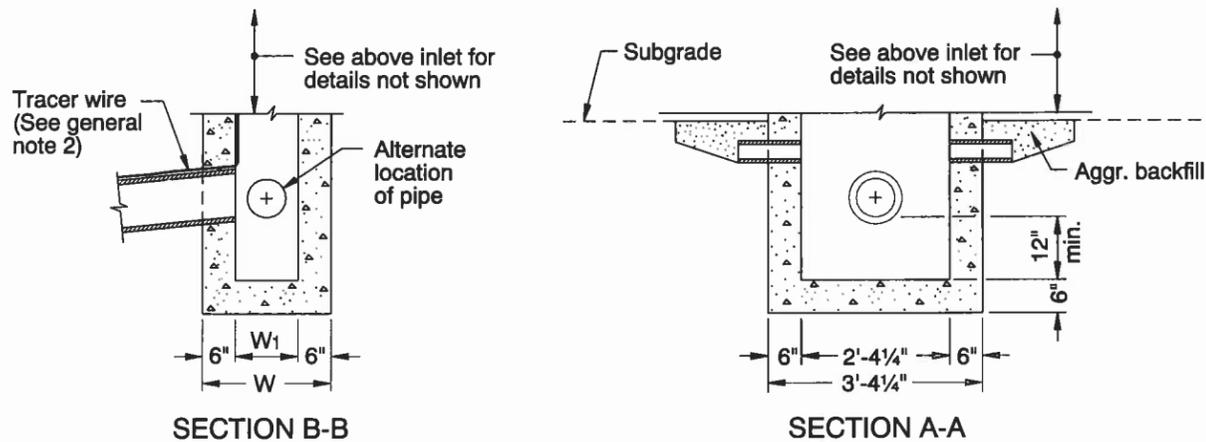
GRATE (TYPE 2)

NOTES:

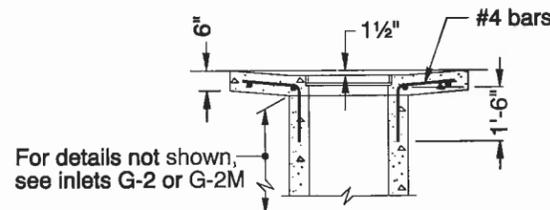
3/8" cross bars shall be flush with the grate surface and may be fillet welded, resistance welded or electroforged to bearing bars.

Cast iron grate and frame are acceptable alternates.

INLET TYPE	FRAME		GRATE				REMARKS
	V	Y	Y ₁	NO. OF BARS	TYPE		
G-1	1'-10 3/4"	1'-9 9/16"	1'-9"	12	2	1 Grate	Bicycle-safe
G-2	2'-4 3/4"	2'-3 3/8"	1'-1 1/2"	8	2	2 Grates	Bicycle-safe
G-2M, G-2MA	2'-4 3/4"	2'-3 3/8"	2'-3"	9	1	1 Grate	See general note 6



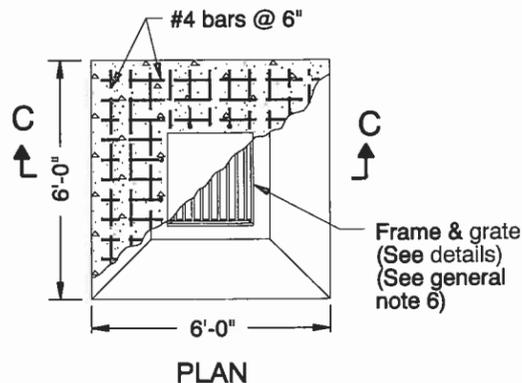
INLET WITH SUMP
(See general note 3)



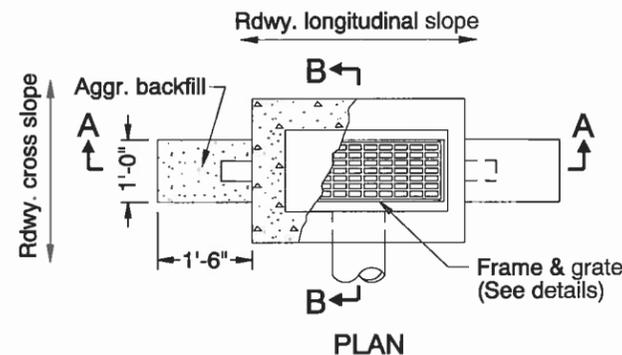
SECTION C-C

NOTE:

All reinforcement to be placed 2" clear of nearest face of concrete unless shown or noted otherwise



TYPE G-2MA



TYPES G-1, G-2, G-2M

GENERAL NOTES FOR ALL DETAILS:

1. See Std. Drg. RD366 for gutter transition.
2. See Std. Drg. RD336 for tracer wire details, or approved alternate.
3. Provide sump only where shown on plans, and allowed by jurisdiction.
4. All concrete shall be commercial grade concrete.
5. Location, elevation, and number of pipe(s) varies.
6. Type 1 grate allowed only in locations not subject to bicycle or pedestrian use.
7. Max. pipe diameter varies with pipe material.

CALC. BOOK NO. N/A BASELINE REPORT DATE 23-JUL-2012

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

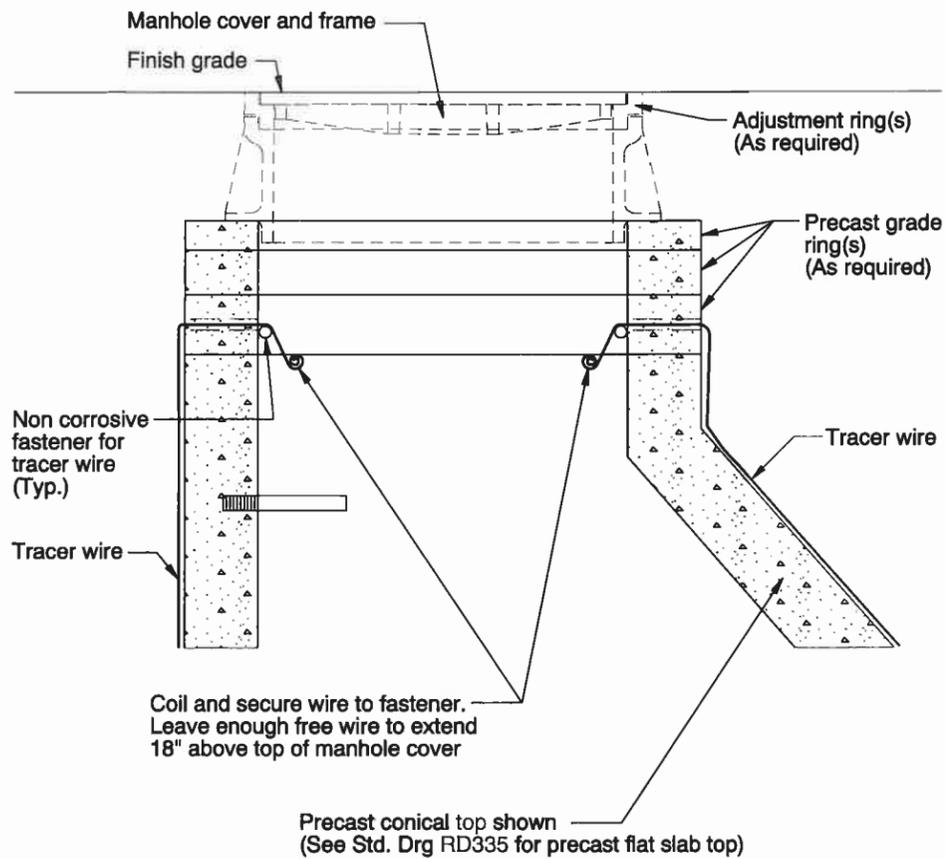
CONCRETE INLETS
TYPE G-1, G-2, G-2M & G-2MA

2008

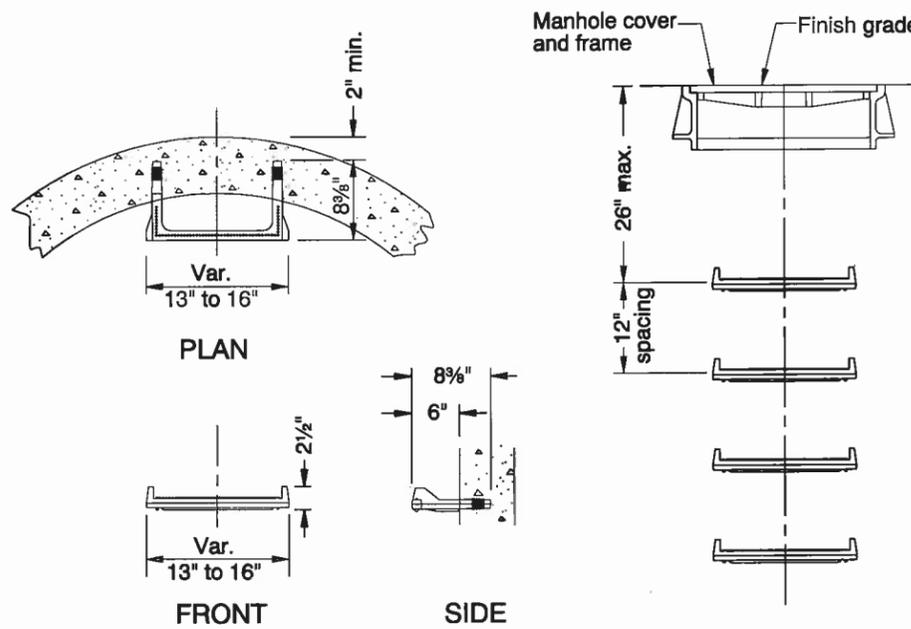
DATE	REVISION DESCRIPTION
06-2009	REVISED & ADDED NOTES
12-2008	REVISED DETAILS AND NOTES
07-2010	REVISED DETAILS AND NOTES
01-2011	REVISED DETAILS AND ADDED NOTES
07-2012	ADDED NOTE

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

rd336.dgn 23-JUL-2012

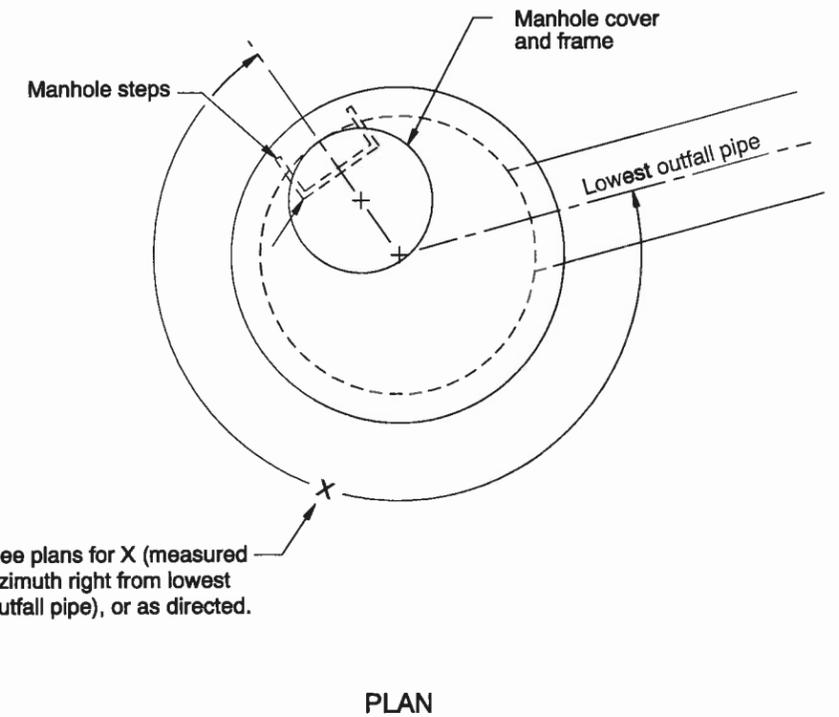


**DETAIL "A"
TRACER WIRE**
(See general note 6)



See ODOT's QPL for acceptable alternate manhole steps and/or ladders.
NOTE: No conflict with pipe align with available shelf.

**DETAIL "B"
MANHOLE STEPS**
(See general note 7)



**DETAIL "C"
PRECAST CONICAL TOP
OR
PRECAST FLAT SLAB TOP
AND MANHOLE STEPS ORIENTATION**
(See general note 7)

CALC. BOOK NO. N/A BASELINE REPORT DATE 23-JUL-2012

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON STANDARD DRAWINGS

**STANDARD
STORM SEWER MANHOLE**

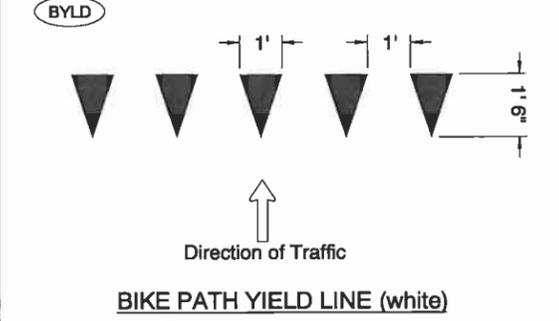
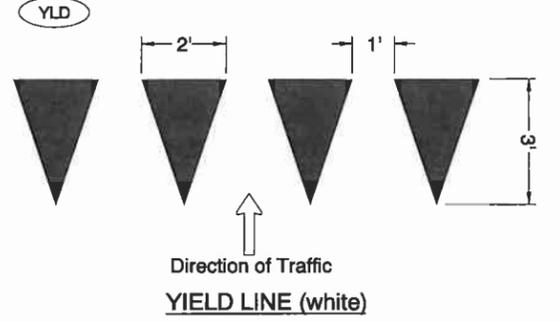
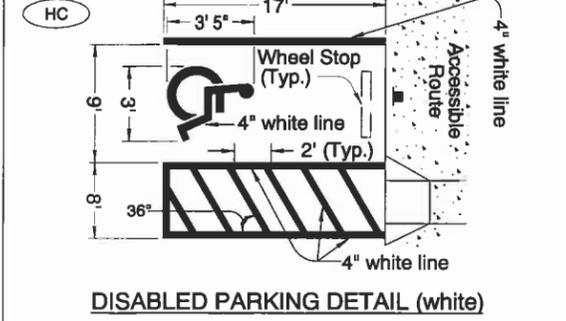
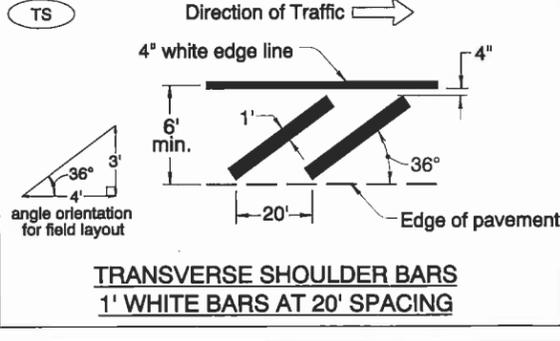
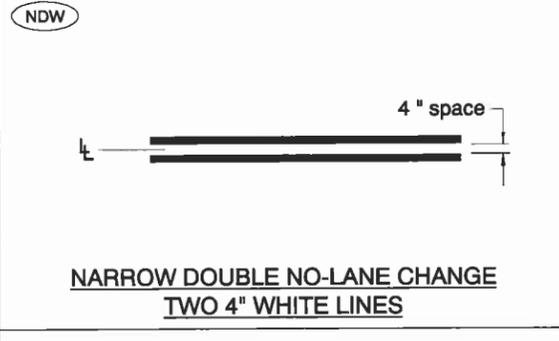
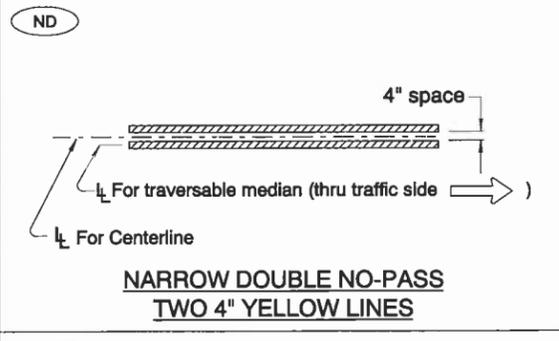
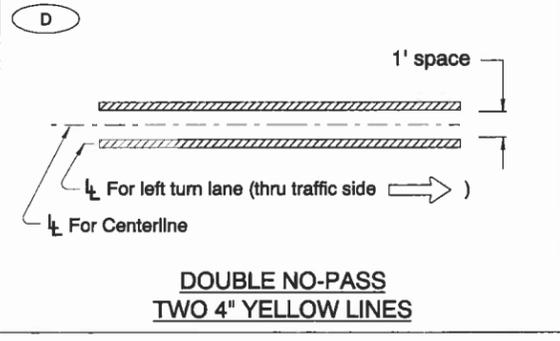
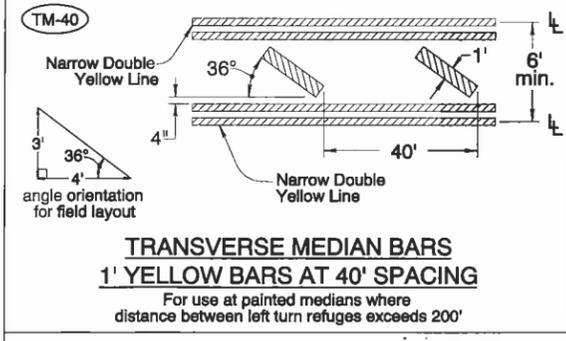
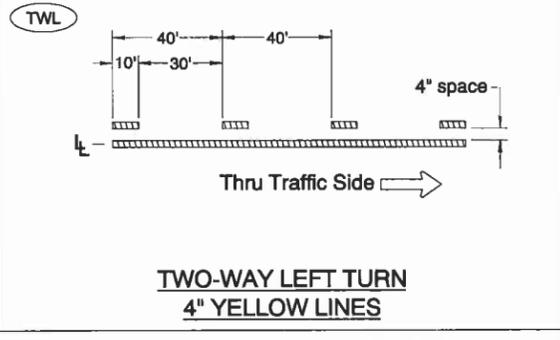
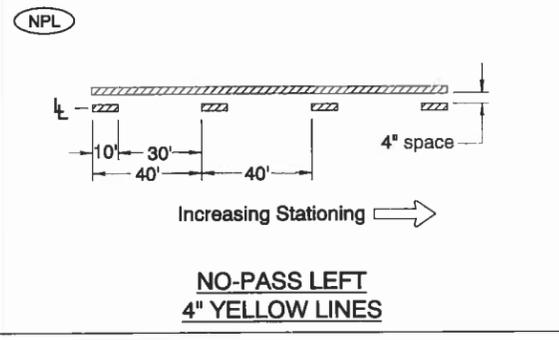
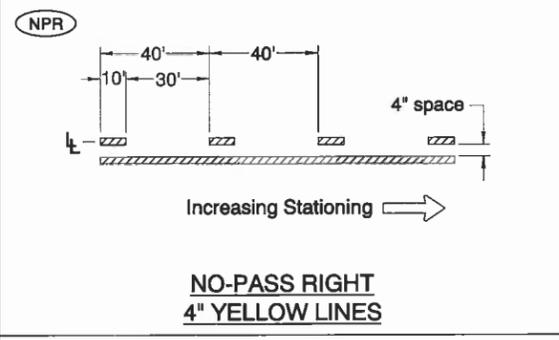
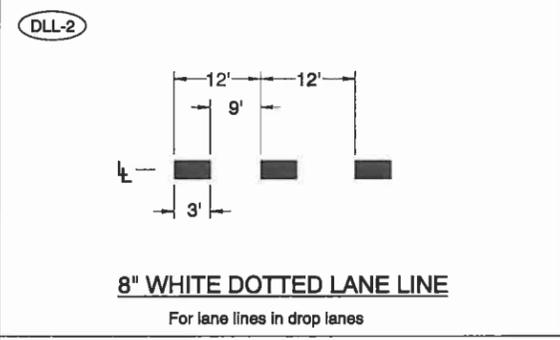
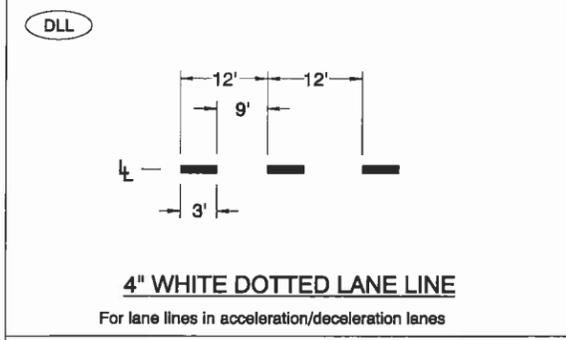
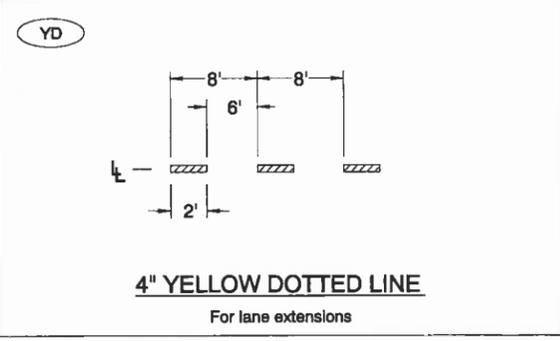
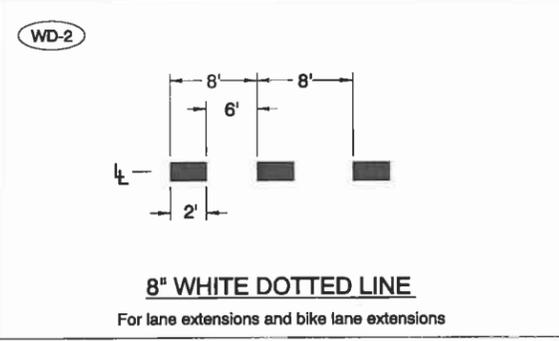
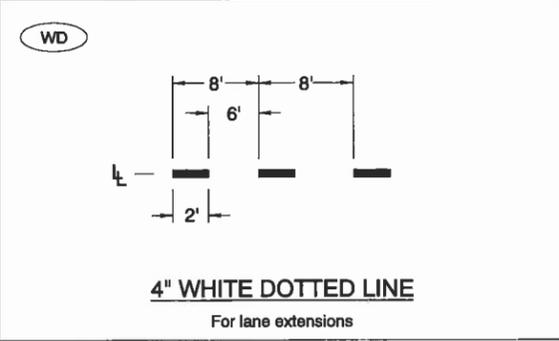
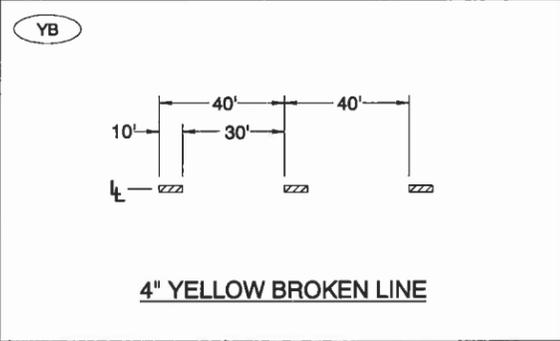
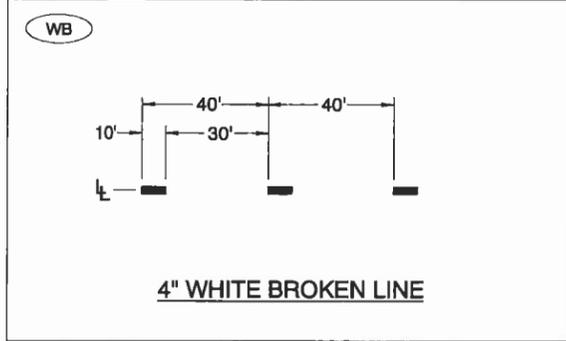
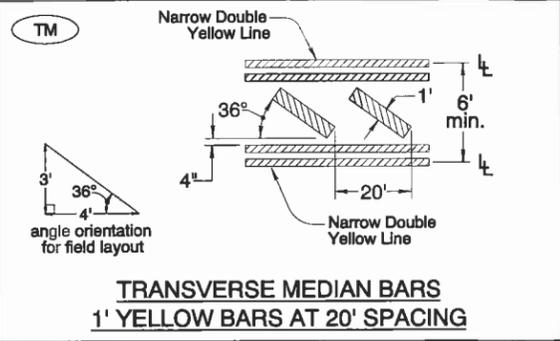
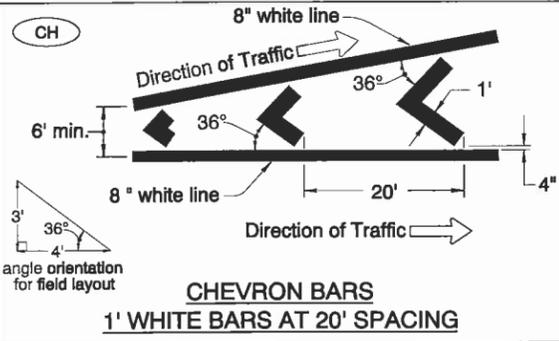
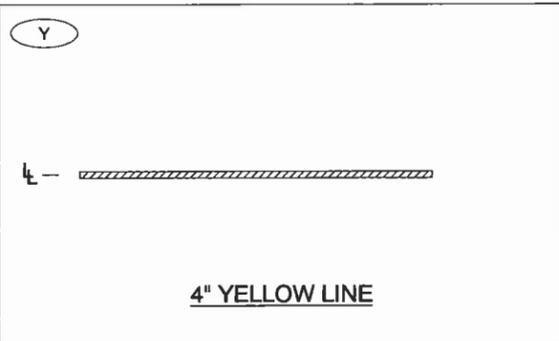
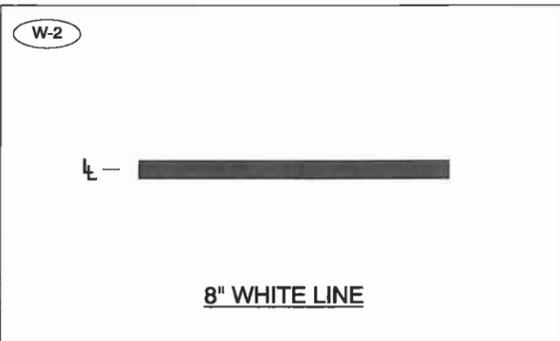
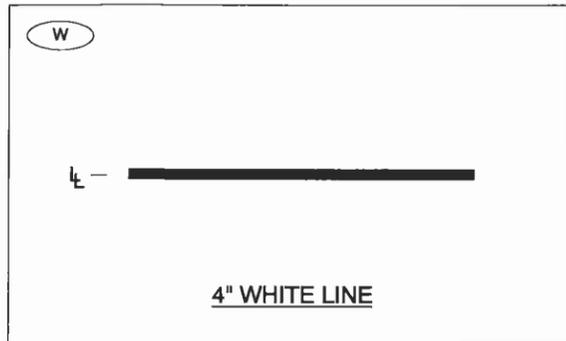
2008

DATE	REVISION DESCRIPTION
06-2008	REVISED & ADDED NOTES
01-2011	REVISED & ADDED NOTES
07-2012	REVISED DETAILS, REVISED & ADDED NOTES

GENERAL NOTES FOR ALL DETAILS:

- All precast sections shall conform to requirements of ASTM C478.
- Standard precast manhole section diameter shall be 48". Use 42" if specified by the Engineer.
- All connecting pipes shall have a flexible, gasketed and unrestrained joint within 18" of manhole wall. Joint type varies with manufacturer.
- See Std. Drg. RD344 for manhole base section.
- Adjust 24" maximum.
- All connecting pipes shall have a tracer wire, or approved alternate.
- Ladder with notched safety rail and removable extension is reqd. for manholes with depths between 24'-0" and 50'-0".
- See Std. Drg. RD335 for details not shown.
- See Std. Drg. RD356 for manhole covers and frames, manhole adjustment rings, etc.
- Max. pipe diameter varies with pipe material.
- See Std. Drg. RD342 for shallow manholes.

RD336



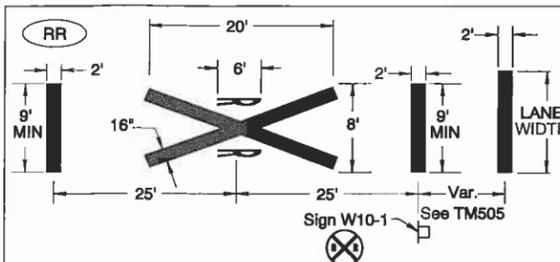
LEGEND

← Direction Of Traffic, Increasing Stationing Or Thru Traffic Side

⊥ — Lane line dimensions are shown on the striping plans

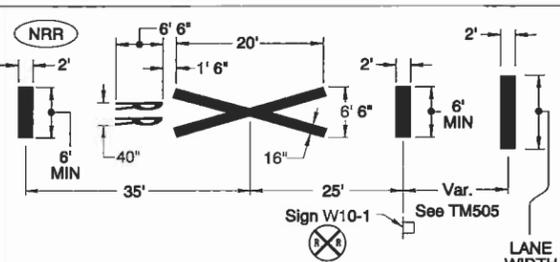
CALC. BOOK NO. N/A	BASELINE REPORT DATE 12/19/2012
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications	
OREGON STANDARD DRAWINGS	
PAVEMENT MARKING	
STANDARD DETAIL BLOCKS	
2008	
DATE	REVISION DESCRIPTION
12/2010	Added new line type DLL and renamed LD line to DLL-2.
7/2011	Modified lane line for ND. Corrected height of the BYLD.
12/2011	Added note for DLL. Deleted sign numbers from HC. Revised graphics for CH, TM, DLL, DLL-2, TM-40, and HC.
12/2012	Corrected typo.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.



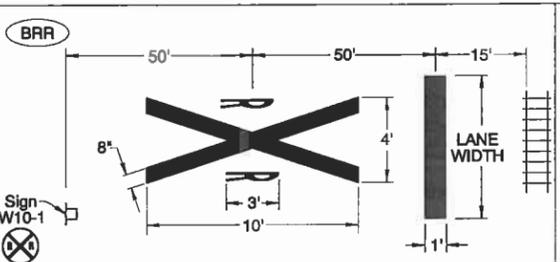
RAILROAD CROSSING (white)

Install per ODOT Rail Crossing Order or as shown.
For letter proportion details, see current version of Standard Highway Signs



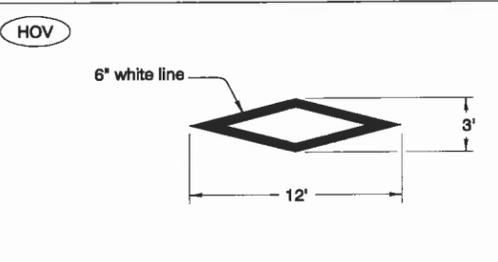
NARROW RAILROAD CROSSING (white)

Install per ODOT Rail Crossing Order or as shown.
For letter proportion details, see current version of Standard Highway Signs

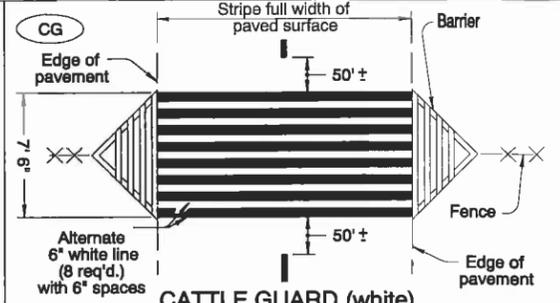


BIKE PATH RAILROAD CROSSING (white)

Install per ODOT Rail Crossing Order or as shown.
For letter proportion details, see current version of Standard Highway Signs

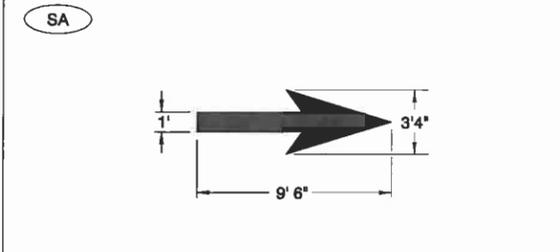


HIGH-OCCUPANCY VEHICLE DIAMOND DETAIL (white)



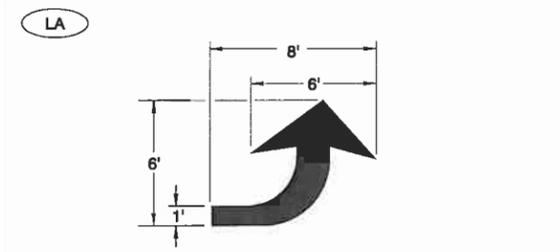
CATTLE GUARD (white)

For barrier and fence details, see Std. Dwg. RD110



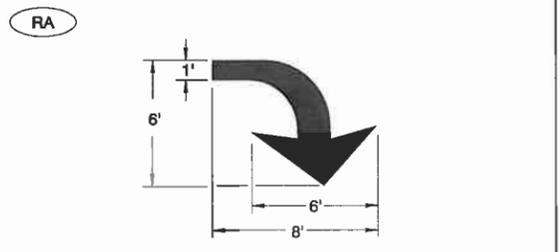
STRAIGHT ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



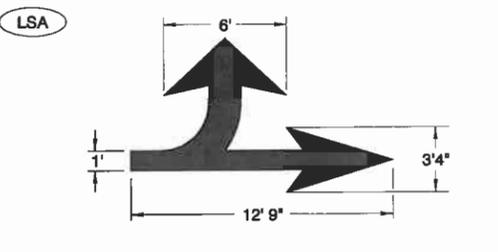
LEFT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



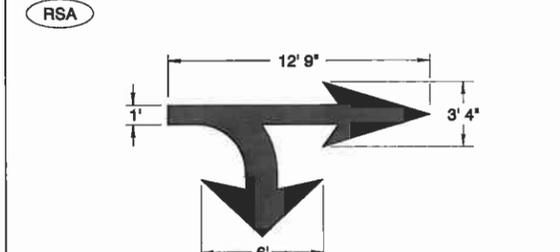
RIGHT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



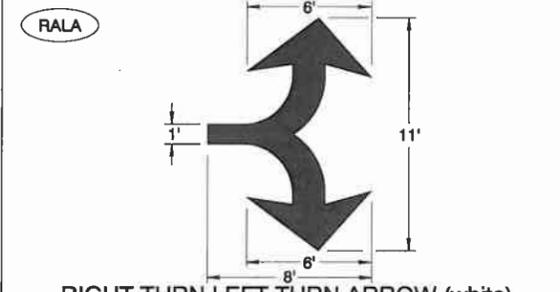
LEFT TURN STRAIGHT ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



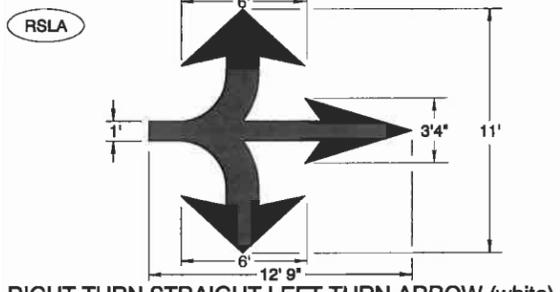
RIGHT TURN STRAIGHT ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



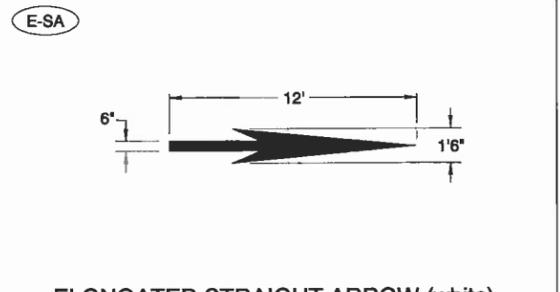
RIGHT TURN LEFT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



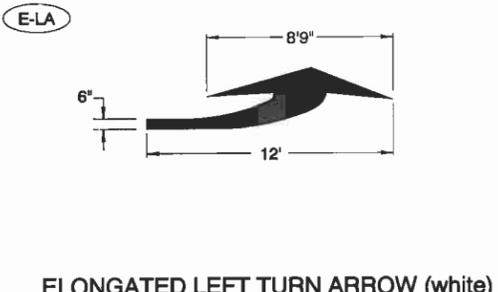
RIGHT TURN STRAIGHT LEFT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



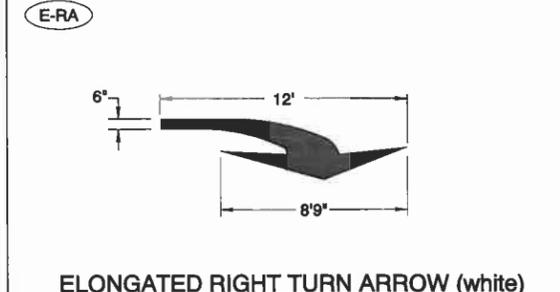
ELONGATED STRAIGHT ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



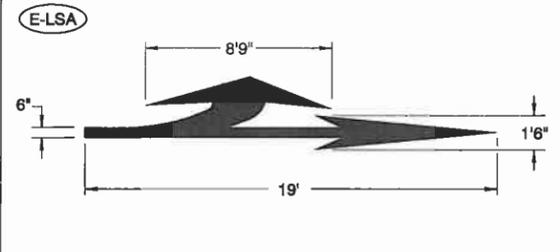
ELONGATED LEFT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



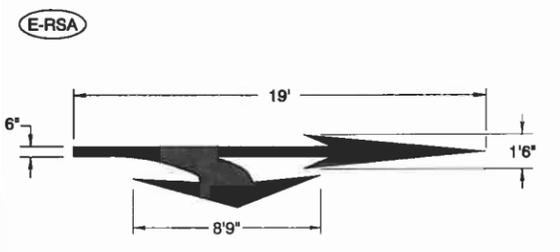
ELONGATED RIGHT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



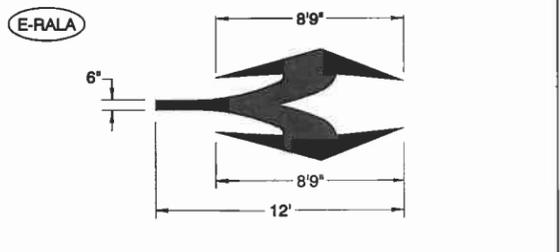
ELONGATED LEFT TURN STRAIGHT ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



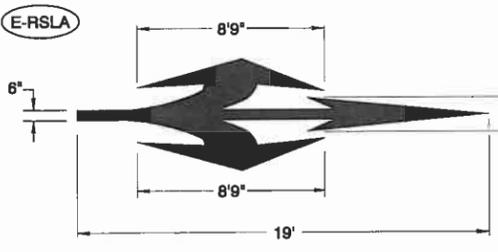
ELONGATED RIGHT TURN STRAIGHT ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



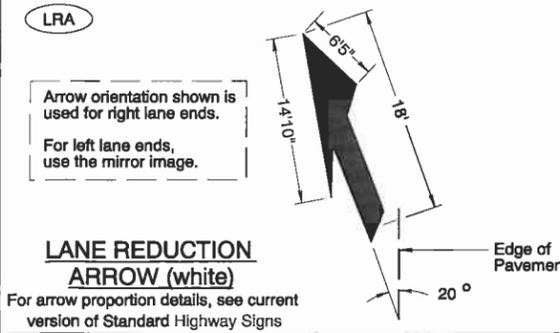
ELONGATED RIGHT TURN LEFT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



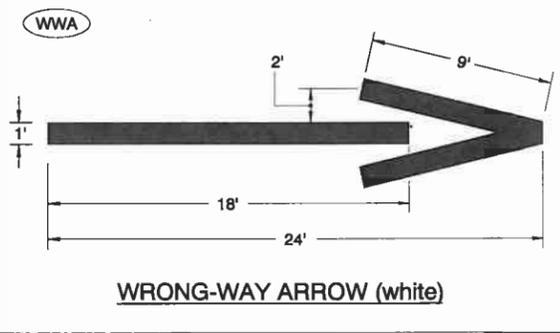
ELONGATED RIGHT TURN STRAIGHT LEFT TURN ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



LANE REDUCTION ARROW (white)

For arrow proportion details, see current version of Standard Highway Signs



WRONG-WAY ARROW (white)

General Note:
1. Center pavement markings within the lane width.
2. Arrow and letter dimensions nominal, excluding WWA.

CALC. BOOK NO. N/A

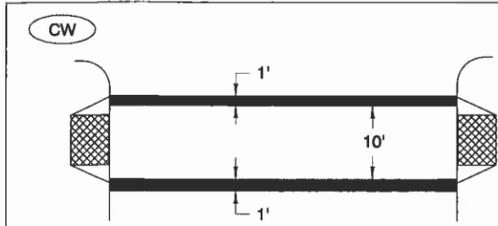
BASELINE REPORT DATE 12/16/2011

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

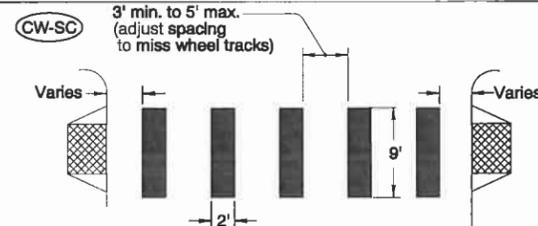
OREGON STANDARD DRAWINGS
PAVEMENT MARKING
STANDARD DETAIL BLOCKS
2008

DATE	REVISION DESCRIPTION
1/2009	Additional dimensions added to arrow detail blocks. Modified CG.
12/2010	Corrected the dimension of the arrow head on the left side of LRA.
12/2011	Deleted direction of traffic arrow for HOV. Deleted Legend.

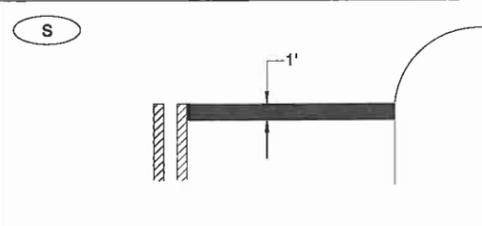
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.



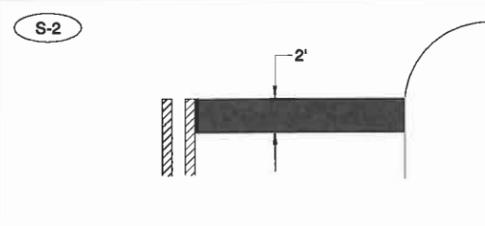
STANDARD CROSSWALK
TWO 1' WHITE BARS
Install per Standard Drawing TM530



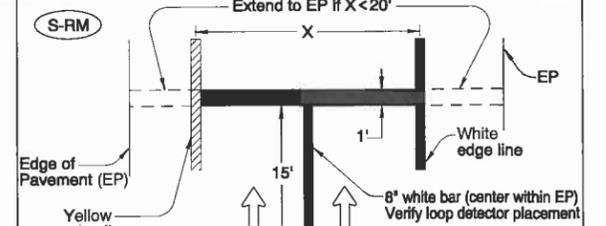
STAGGERED CONTINENTAL CROSSWALK
2' WHITE BARS
Install per Standard Drawing TM530



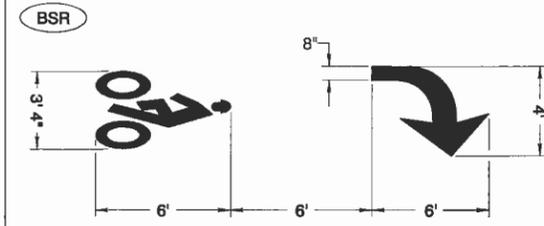
STOP BAR
1' WHITE BAR
Install per Standard Drawing TM530



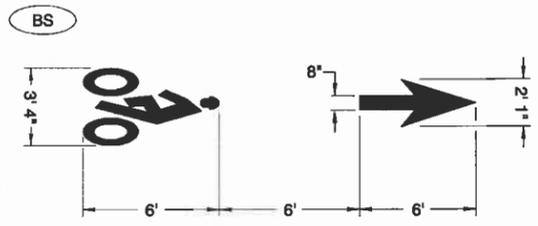
STOP BAR - LARGE
2' WHITE BAR
Install per Standard Drawing TM530



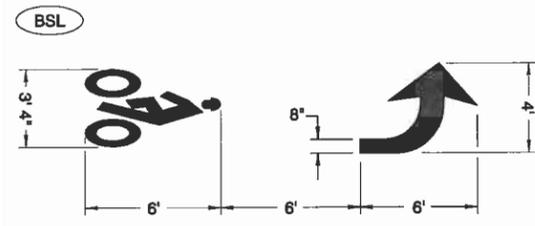
RAMP METER STOP BAR
1' & 8" WHITE BARS
For multi-lane ramp meter applications



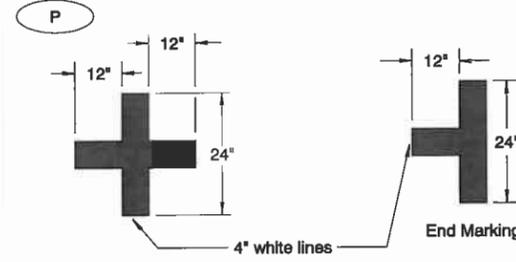
BIKE RIGHT TURN STENCIL (white)
Center marking within lane width
For proportion details, see current version of Standard Highway Signs



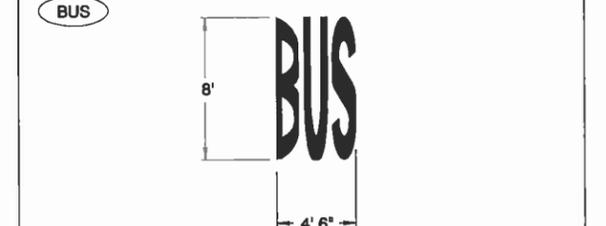
BIKE LANE STANDARD STENCIL (white)
Center marking within lane width
For proportion details, see current version of Standard Highway Signs



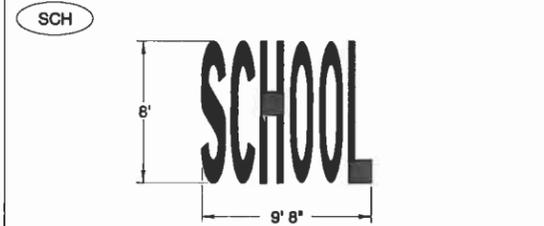
BIKE LEFT TURN STENCIL (white)
Center marking within lane width
For proportion details, see current version of Standard Highway Signs



ON-STREET PARKING DETAIL (white)



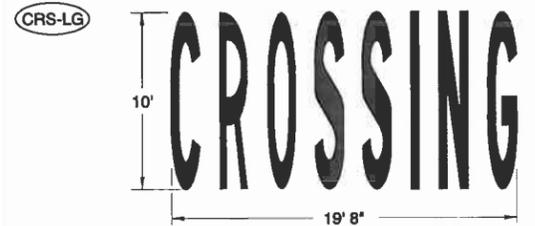
BUS (white)
Center marking within lane width
For letter proportion details, see current version of Standard Highway Signs



SCHOOL (white)
Center marking within lane width
For letter proportion details, see current version of Standard Highway Signs



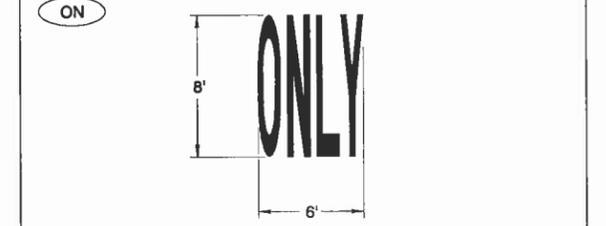
SCHOOL - LARGE (white)
Center marking within width of two lanes
For letter proportion details, see current version of Standard Highway Signs



CROSSING - LARGE (white)
Center marking within width of two lanes
For letter proportion details, see current version of Standard Highway Signs



X-ING (white)
Center marking within lane width
For letter proportion details, see current version of Standard Highway Signs



ONLY (white)
Center marking within lane width
For letter proportion details, see current version of Standard Highway Signs

General Note:
1. Arrow, letter, and bike symbol dimensions nominal.

LEGEND

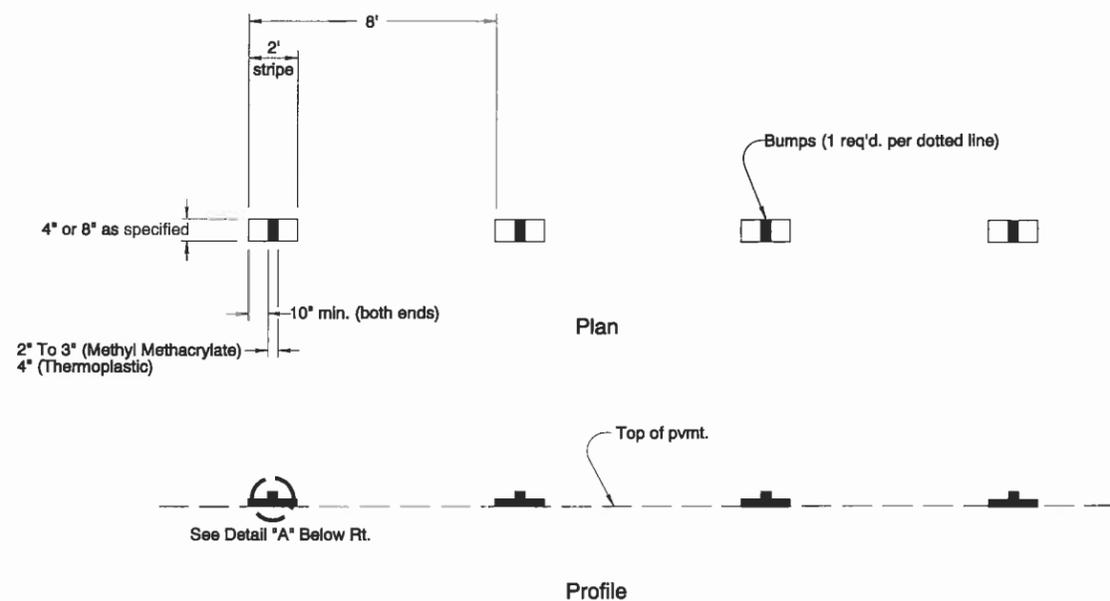
← Direction of Travel

CALC. BOOK NO. N/A		BASELINE REPORT DATE 7/6/2009	
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications			
OREGON STANDARD DRAWINGS			
PAVEMENT MARKING			
STANDARD DETAIL BLOCKS			
2008			
DATE	REVISION DESCRIPTION		
1/2009	Modified S-RM detail block.		
7/2009	Added general note 1		

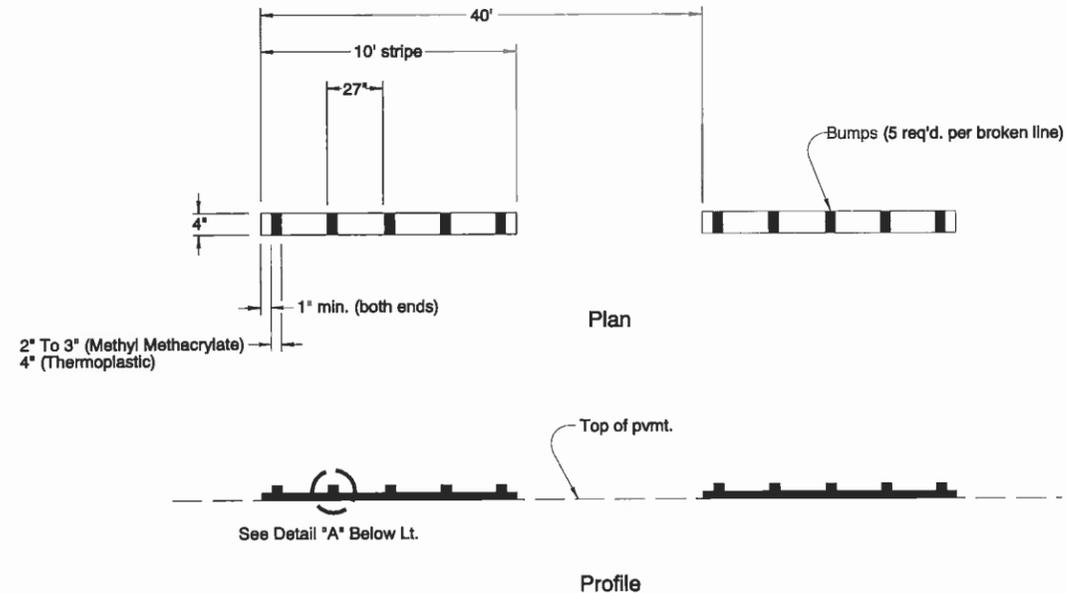
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TM520.dgn 12-18-2012

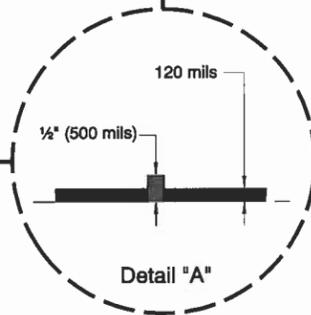
TM520



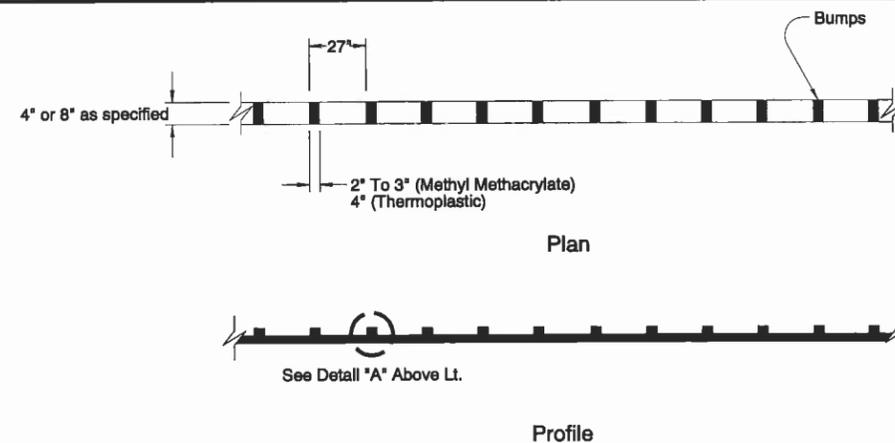
DOTTED LINE



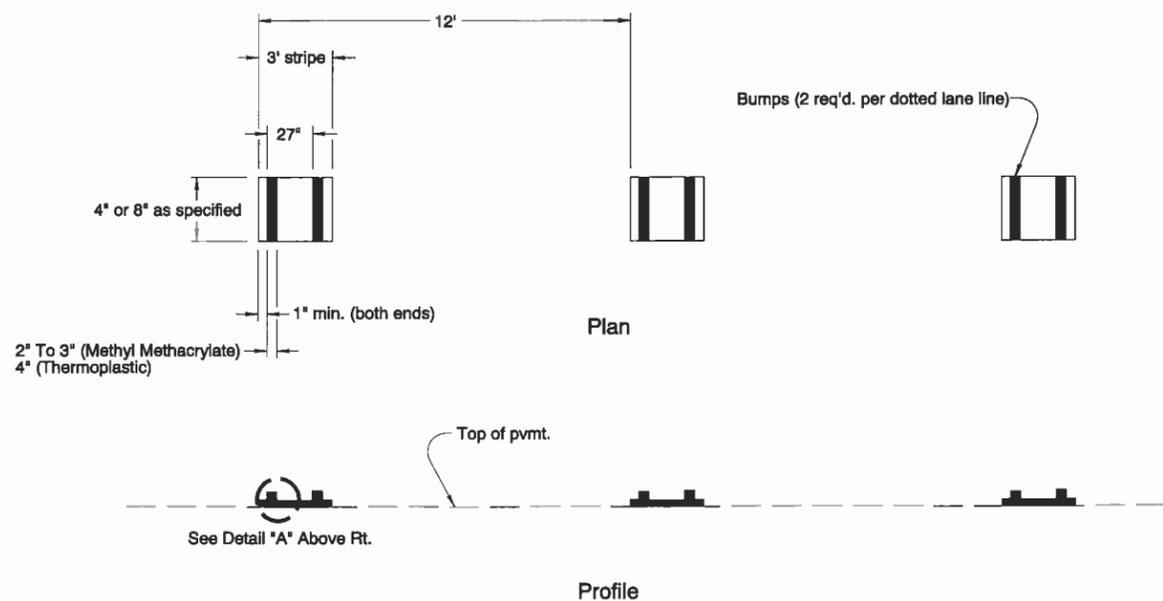
BROKEN LINE



Detail "A"

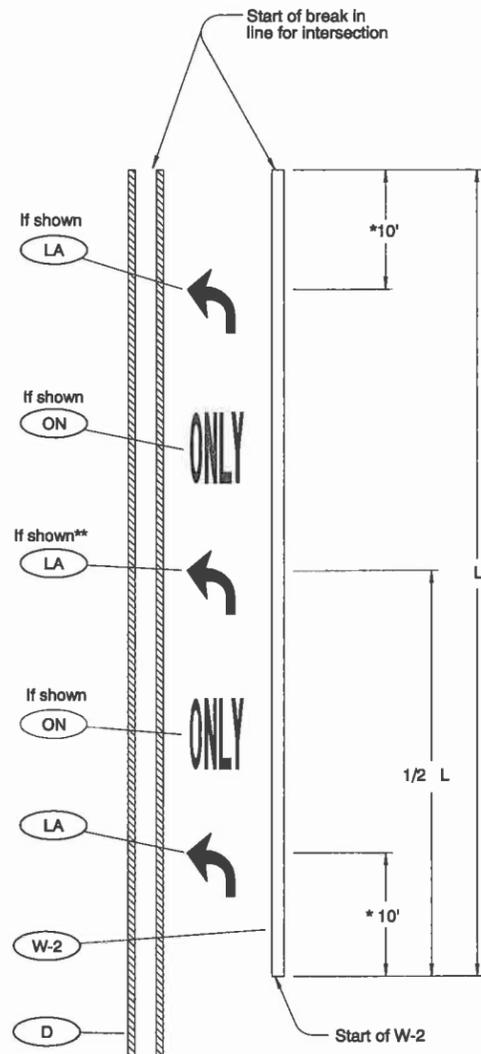


SOLID LINE

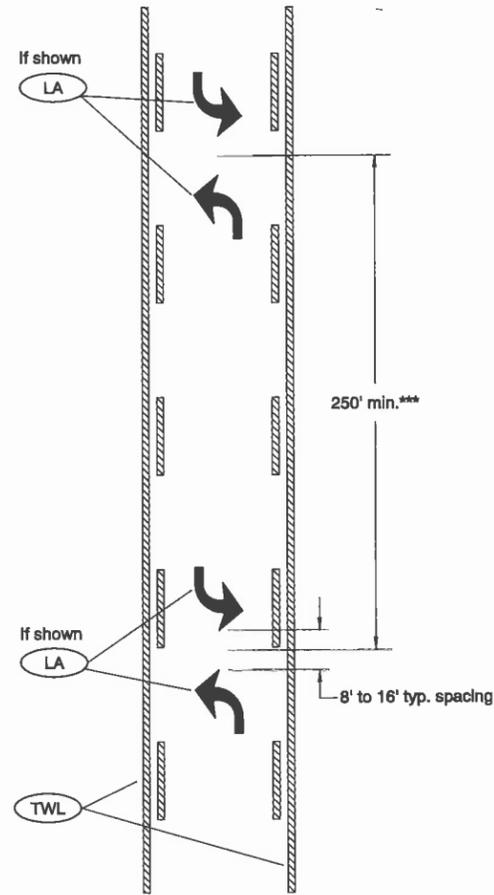


DOTTED LANE LINE

CALC. BOOK NO. N/A	BASELINE REPORT DATE 07/08/2011								
<p>The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.</p>	NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications								
	<p>OREGON STANDARD DRAWINGS</p> <p>DURABLE PAVEMENT MARKINGS</p> <p>METHOD 'A' PROFILE</p> <p>2008</p>								
	<table border="1"> <thead> <tr> <th>DATE</th> <th>REVISION DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>7/2009</td> <td>Removed 90 mil option. Added 2nd bump requirement to lane drop line.</td> </tr> <tr> <td>12/2010</td> <td>Revised 'Lane Drop Line' to 'Dotted Lane Line' and revised the width of the striping from 8" to '4" or 8" as specified'.</td> </tr> <tr> <td>7/2011</td> <td>Revised 'Lane Drop Line' to 'Dotted Lane Line' and 'skip' to 'broken' line</td> </tr> </tbody> </table>	DATE	REVISION DESCRIPTION	7/2009	Removed 90 mil option. Added 2nd bump requirement to lane drop line.	12/2010	Revised 'Lane Drop Line' to 'Dotted Lane Line' and revised the width of the striping from 8" to '4" or 8" as specified'.	7/2011	Revised 'Lane Drop Line' to 'Dotted Lane Line' and 'skip' to 'broken' line
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LANE USE ARROW PLACEMENT FOR TURN LANE
DETAIL "A"



TWO-WAY LEFT TURN LANE ARROW PLACEMENT
DETAIL "B"

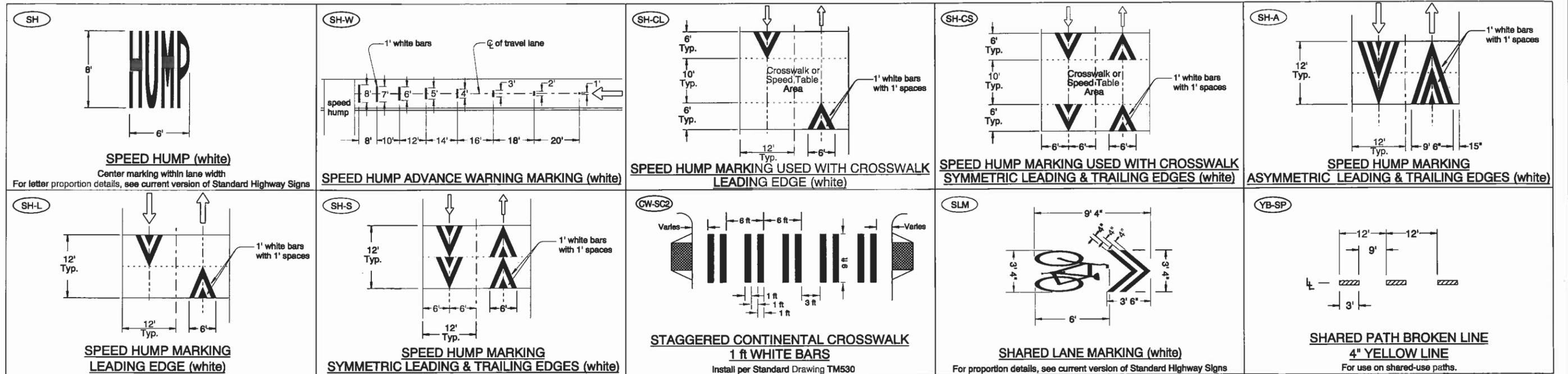
General Notes:

- 1.) Center pavement marking legends within the lane.
 - 2.) Placement of lane use arrows with respect to the 8" wide white line (W-2) channelization shown in Detail "A" applies to both left and right turn lanes.
 - 3.) Center "ONLY" markings between lane use arrows.
- * 15' when installing elongated arrows.
 - ** When L is greater than 400', install 3rd lane use arrow at 1/2 L as shown in Detail "A".
 - *** Double arrows to be placed at even intervals, proportioned within block or as shown.

To be accompanied by Standard Dwg. Nos. TM500 thru TM503

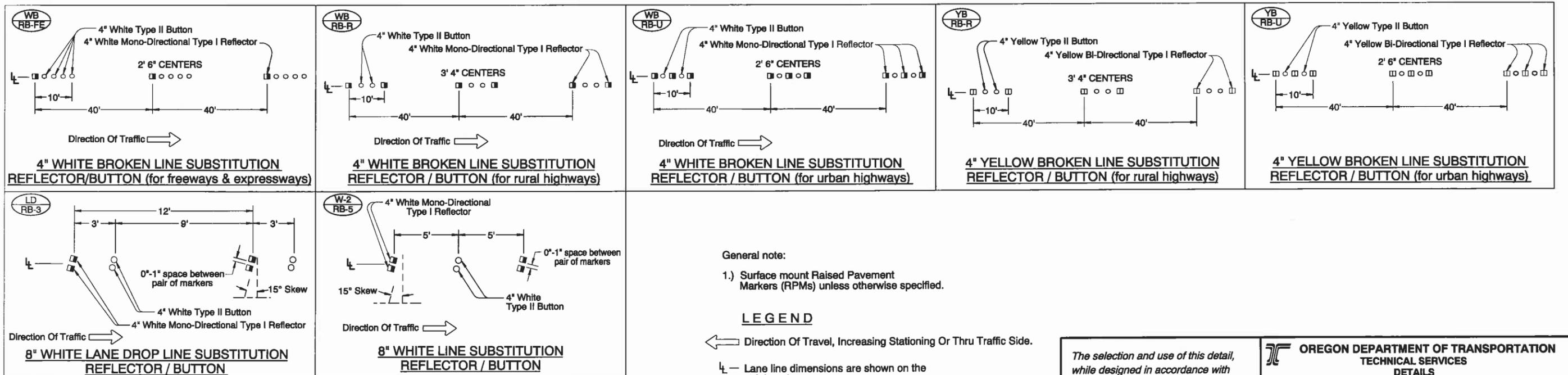
CALC. BOOK NO. <u> N/A </u>	BASELINE REPORT DATE <u> 12/16/2011 </u>								
<p><i>The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.</i></p>	NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications								
	<p>OREGON STANDARD DRAWINGS</p> <p>TURN ARROW MARKING DETAILS</p> <p>2008</p>								
	<table border="1"> <thead> <tr> <th>DATE</th> <th>REVISION DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>12/2010</td> <td>Consolidated Details "A", "B", and "C" into one Detail.</td> </tr> <tr> <td>12/2010</td> <td>Added General Note 3.</td> </tr> <tr> <td>12/2011</td> <td>Renumbered the drawing from TM525 to TM531.</td> </tr> </tbody> </table>	DATE	REVISION DESCRIPTION	12/2010	Consolidated Details "A", "B", and "C" into one Detail.	12/2010	Added General Note 3.	12/2011	Renumbered the drawing from TM525 to TM531.
	DATE	REVISION DESCRIPTION							
12/2010	Consolidated Details "A", "B", and "C" into one Detail.								
12/2010	Added General Note 3.								
12/2011	Renumbered the drawing from TM525 to TM531.								

det4560.dgn 02-12-2013



NOTE TO DESIGNERS:

- 1.) Raised Pavement Marker Substitution details should no longer be used on state highways. Consider durable profiled lines instead.
- 2.) Speed hump markings generally not used on state highway right-of-way.
- 3.) When continental style crosswalks are to be installed on a project (this may require Region Traffic Engineer approval depending on the situation. See Traffic Line Manual for further information), do not use CW-SC2 in Regions 1 thru 4. Only use CW-SC2 in Region 5 if the region striping manager approves, otherwise use the standard CW-SC shown in Standard Drawing TM503.
- 4.) Shared Lane Marking should not be used on roadways with a speed limit above 35 mph.



General note:

- 1.) Surface mount Raised Pavement Markers (RPMs) unless otherwise specified.

LEGEND

- ← Direction Of Travel, Increasing Stationing Or Thru Traffic Side.
- ⊥ Lane line dimensions are shown on the striping plans.
- ◻ Mono-directional crystal white marker reflects white to the left in this symbol
- ◻ Bi-directional yellow marker reflects yellow both left and right in this symbol

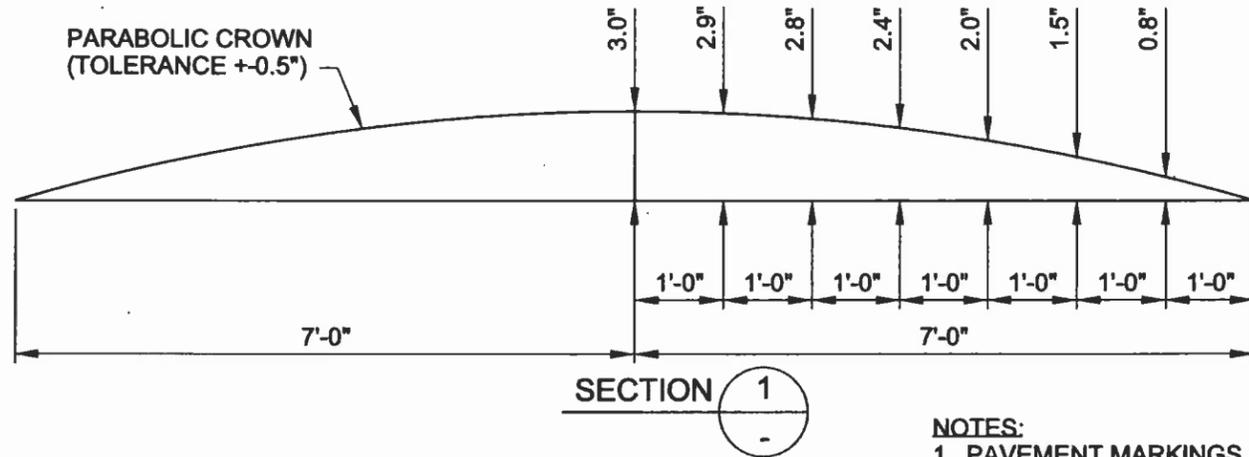
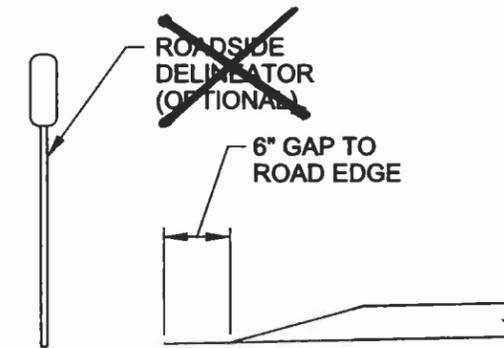
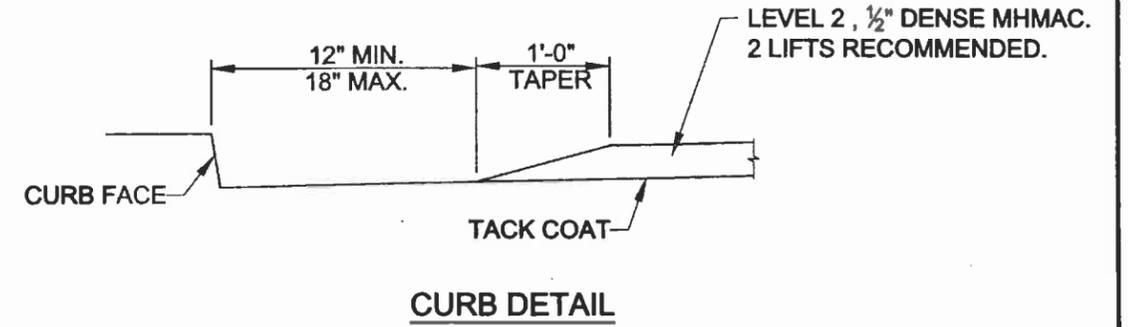
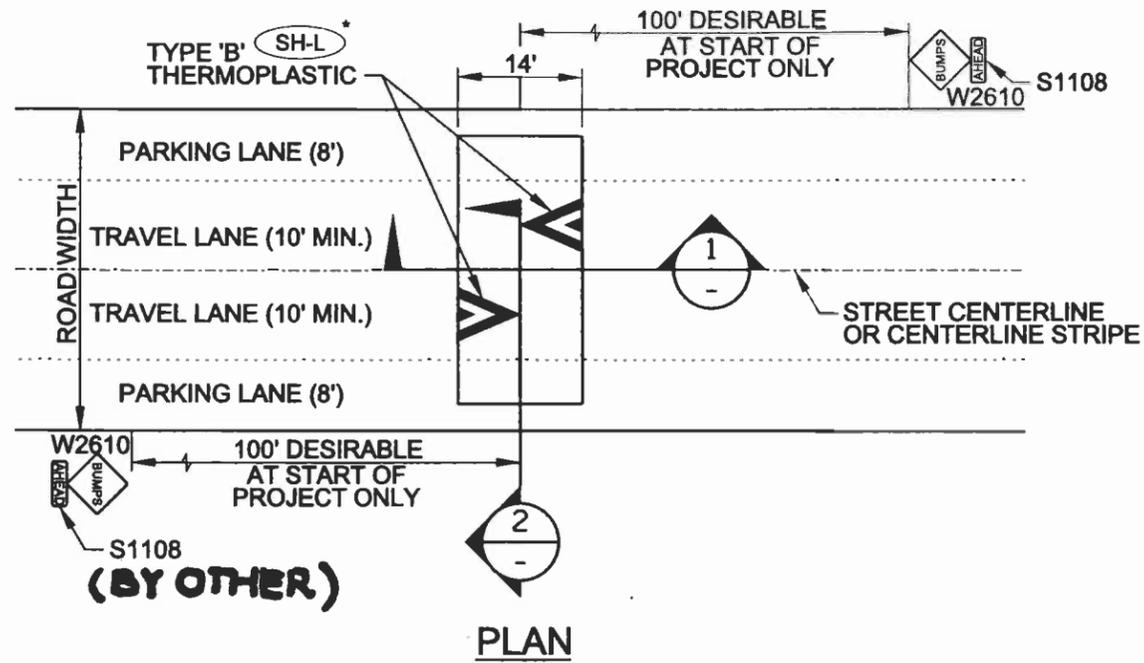
The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

**OREGON DEPARTMENT OF TRANSPORTATION
 TECHNICAL SERVICES
 DETAILS**

**PAVEMENT MARKING
 DETAIL BLOCKS**

DETAIL NO.
DET4560

DET4560



SECTION 2

NOTES:

1. PAVEMENT MARKINGS ON SPEED BUMP SHALL BE INSTALLED CONCURRENTLY WITH THE ASPHALT STRUCTURES. FOLLOW MANUFACTURER'S INLAY PROCEDURES FOR PAVEMENT MARKINGS ON SPEED BUMPS.
2. "BUMP" PAVEMENT MARKINGS AND SIGNS SHALL BE INSTALLED BEFORE OPENING ANY LANE TO TRAFFIC THAT IS OCCUPIED BY A NEW SPEED BUMP.
3. PAVEMENT MARKING LAYOUT ASSUMES A TWO-LANE, TWO-WAY STREET WITH PARKING ON BOTH SIDES. FOR ALL OTHER CONFIGURATIONS SUBMIT REVISED LAYOUT TO ENGINEER FOR APPROVAL.

* SEE ODOT DETAIL # 4560

LEGEND: XX PBOT REFERENCE MARKER
XX ODOT REFERENCE MARKER

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.

**BUREAU OF TRANSPORTATION
CITY OF PORTLAND, OREGON**
Steve Town
 City Engineer

Standard Drawing Title

14' ASPHALT LOCAL SPEED BUMP

Note:
All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications.

Effective Date: 03-20-2013

Calc. Book No.: Calc_Book_No.

Baseline Report Date: Date

Standard Drawing No.

P-440