



Oregon

Theodore R. Kulongoski, Governor

Department of Transportation
Technical Services
Roadway Engineering Section
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DATE: February 13, 2007

Addenda No. 1

TO: PLAN HOLDERS

PREPARED BY: Adam Heberly

APPROVED BY: Jan P. B. P.E. P.E.

SUBJECT: I-5: Azalea – Glendale Reconstruction
Pacific Highway
Douglas County
Grading, Paving, Guardrail Project
(Bids to be opened and read February 22, 2007)

The following changes are made to the Project Bid Booklet:

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

a. Quantity changes:

<u>Number</u>	<u>Item</u>	<u>Quantity</u>	
		<u>Original</u>	<u>New</u>
0030	TEMPORARY SIGNS	1,510	1,555
0230	GENERAL EXCAVATION	36,692	36,876
0280	COLD PLANE PAVEMENT REMOVAL, 2 INCH DEEP	224,212	287,938
0330	LEVEL 3, ½ INCH DENSE LIME TREATED HMAC	36,535	38,906
0360	PG 70-22 ASPHALT IN HMAC	1,004	1,146

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

The following changes are made to the Project Special Provisions:

1. Subsection 00150.50(f) Utility Information - The paragraph that begins with the words "Williams NW Pipeline requires..." is replaced with the following:

Williams NW Pipeline requires the Contractor to obtain a no cost permit and have a Williams NW Pipeline representative on-site before performing excavation activities above their buried gas line. Notify Williams NW Pipeline at least two days in advance of excavation activities commencing above their buried natural gas line near M.P. 82.5 to schedule an on-site Williams NW Pipeline representative. The Williams NW Pipeline representative will issue the no cost permit once on-site.

2. Subsection 00195.11 Fuel Cost Price Adjustment - The bullet that begins with the words "Fuel requirements for..." is replaced with the following:

- Fuel requirements for constructing the Project have been estimated at 214,176 gallons, based on fuel factors shown.

3. Subsection 00225.02 General Requirements - The paragraph that begins with the words "For single lane..." is replaced with the following:

A temporary speed zone reduction has been approved for this project. The Contractor shall provide the appropriate signing in the locations directed by the Temporary Speed Zone Reduction Order and the Engineer. During single lane closures, it is anticipated that the following temporary signs will be needed during construction, for each direction of travel:

- Two - "SPEED XX" (OR2-1) signs with orange flag boards (per TM239)
- Two - Speed Reduction Symbol (OW3-5) signs
- Two - "SPEED 65" (OR2-1) signs
- "SPEED XX" (OR2-1) signs to cover all existing "SPEED 65" signs within the work zone

4. Subsection 00225.02 General Requirements - The paragraph that begins with the words "Cover all existing..." is deleted.

5. Subsection 00225.12(d) Impact Attenuators - The paragraph that begins with the words "Use temporary impact..." is replaced with the following:

Use temporary impact attenuators from the QPL and conforming to Standard Drawing RD955.

6. Subsection 00225.41(h) Temporary Speed Zone Reduction - The paragraph that begins with the words "Install a temporary..." is replaced with the following:

For each direction of travel, install two each of the "SPEED XX" (OR2-1-48) and Speed Reduction Symbol (OW3-5-48) signs, one on each side of the roadway, facing incoming traffic, as directed by the Speed Zone Reduction Order.

7. Subsection 00758.81 Bar Lap - This entire subsection is deleted.
8. Subsection 00758.83 Pavement Repair at Joints - This entire subsection is deleted.
9. Subsection 00758.84 Plain Concrete Pavement - This entire subsection is deleted.
10. Subsection 00758.91 Bar Lap - This entire subsection is deleted.
11. Subsection 00758.93 Pavement Repair at Joints - This entire subsection is deleted.
12. Subsection 00758.94 Plain Concrete Pavement - This entire subsection is deleted.

The following changes are made to the Project Plans:

1. Plan sheets 1A, 2, 2A, 2C to 2C-10 are replaced with revised plan sheets 1A, 2, 2A, 2C to 2C-10.
2. Plan sheet DWG. 7 For Information Only (As-built Azalea-Glendale Junction Sec.) is added.

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

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

Attachments: New Bid Sheets
Revised Plan Sheets
New Plan Sheet

CONTRACT ID: 13326

PROJECT: I-5: AZALEA - GLENDALE
RECONSTRUCTION

PROJECT KEY: 12721

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

0010	MOBILIZATION	LS	ALL	
0020	TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS	ALL	
0030	TEMPORARY SIGNS	SQFT	1,555.00	
0040	TEMPORARY BARRICADES, TYPE III	EACH	14.00	
0050	TEMPORARY CONCRETE BARRIER, REFLECTORIZED	FOOT	31,720.00	
0060	MOVING TEMPORARY CONCRETE BARRIER	FOOT	7,050.00	
0070	TEMPORARY IMPACT ATTENUATOR	EACH	4.00	
0080	MOVING TEMPORARY IMPACT ATTENUATORS	EACH	7.00	
0090	TEMPORARY TRUCK MOUNTED IMPACT ATTENUATORS	EACH	1.00	
0100	TEMPORARY PLASTIC DRUMS	EACH	100.00	
0110	TEMPORARY FLEXIBLE PAVEMENT MARKERS	EACH	2,400.00	
0120	TEMPORARY REMOVABLE TAPE	FOOT	4,508.00	

BID SCHEDULE

CONTRACT ID: 13326

PROJECT: I-5: AZALEA - GLENDALE
 RECONSTRUCTION

PROJECT KEY: 12721

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0130	TEMPORARY STRIPING	122,564.00 FOOT		
0140	DURABLE STRIPE REMOVAL	31,497.00 FOOT		
0150	SEQUENTIAL ARROW SIGNS	1.00 EACH		
0160	PORTABLE CHANGEABLE MESSAGE SIGNS	2.00 EACH		
0170	FLAGGERS	800.00 HOUR		
0180	TEMPORARY NON-REFLECTIVE TAPE	2,254.00 FOOT		
0190	TEMPORARY TYPE ORANGE PLASTIC MESH FENCE	1,400.00 FOOT		
0200	POLLUTION CONTROL PLAN	ALL LS		

SECTION 0002 ROADWORK

0210	CONSTRUCTION SURVEY WORK	ALL LS		
0220	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	ALL LS		
0230	GENERAL EXCAVATION	36,876.00 CUYD		
0240	SUBGRADE GEOTEXTILE	41,230.00 SQYD		

SECTION 0003 DRAINAGE AND SEWERS

BID SCHEDULE

CONTRACT ID: 13326

PROJECT: I-5: AZALEA - GLENDALE
 RECONSTRUCTION

PROJECT KEY: 12721

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0250	6 INCH DRAIN PIPE	100.00 FOOT		
0260	SUBSURFACE DRAIN OUTLETS	1.00 EACH		

SECTION 0004 BASES

0270	COLD PLANE PAVEMENT REMOVAL, 0 - 2 INCH DEEP	29,150.00 SQFT		
0280	COLD PLANE PAVEMENT REMOVAL, 2 INCH DEEP	287,938.00 SQFT		
0290	AGGREGATE SUBBASE	25,975.00 TON		
0300	AGGREGATE BASE	25,975.00 TON		
0310	AGGREGATE SHOULDERS	10,046.00 TON		

SECTION 0005 WEARING SURFACES

0320	ASPHALT IN TACK COAT	80.00 TON		
0330	LEVEL 3, 1/2 INCH DENSE LIME TREATED HMAC	38,906.00 TON		
0340	LEVEL 4, 3/4 INCH OPEN LIME TREATED HMAC	15,800.00 TON		
0350	PG 64-22 ASPHALT IN HMAC	1,189.00 TON		

BID SCHEDULE

CONTRACT ID: 13326

PROJECT: I-5: AZALEA - GLENDALE
 RECONSTRUCTION

PROJECT KEY: 12721

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0360	PG 70-22 ASPHALT IN HMAC	1,146.00 TON		
0370	PG 70-28 ASPHALT IN HMAC	948.00 TON		
0380	REINFORCED CONCRETE PAVEMENT REPAIR	15.00 SQYD		
0390	CONCRETE PAVEMENT SPALL REPAIR	5.00 SQYD		
0400	6 INCH CONCRETE SURFACING	240.00 SQFT		

SECTION 0006 PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES

0410	GUARDRAIL, TYPE 2A	7,462.50 FOOT		
0420	GUARDRAIL, TYPE 3	75.00 FOOT		
0430	GUARDRAIL ANCHORS, TYPE 1 MODIFIED	21.00 EACH		
0440	GUARDRAIL END PIECES, TYPE B	12.00 EACH		
0450	GUARDRAIL TRANSITION	6.00 EACH		
0460	GUARDRAIL TERMINALS, NON-FLARED	8.00 EACH		
0470	ADJUSTING GUARDRAIL	586.00 FOOT		

BID SCHEDULE


CONTRACT ID: 13326

PROJECT: I-5: AZALEA - GLENDALE
 RECONSTRUCTION

PROJECT KEY: 12721


ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0480	DELINEATORS, TYPE 1	EACH 140.00		
0490	PAVEMENT LEGEND, TYPE B: ARROWS	EACH 1.00		
0500	PAVEMENT LINE, TYPE B	SQFT 65.00		
0510	PERMANENT PAVEMENT STRIPING TAPE, WET WEATHER, GROOVED	FOOT 78,411.00		
0520	MONO-DIRECTIONAL CRYSTAL TYPE I MARKERS, RECESSED	EACH 770.00		
0530	RUMBLE STRIPS	MILE 11.60		
SECTION 0007 RIGHT-OF-WAY DEVELOPMENT AND CONTROL				
0540	PERMANENT SEEDING	ACRE 35.15		
	TOTAL BID			

Standard Drg. Nos.

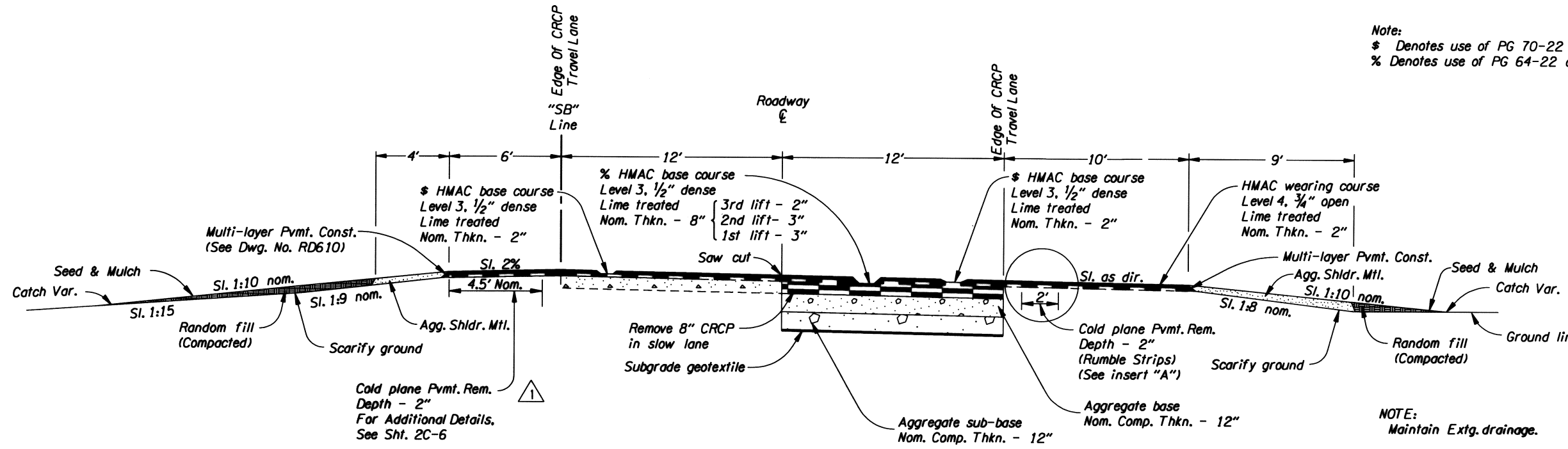
INDEX OF SHEETS CON'D.	
SHEET NO.	DESCRIPTION
2 Thru 2A	Typical Sections
2B Thru 2B-6 Incl.	Details
2C Thru 2C-10 Incl.	Traffic Control
3 Thru 8 Incl.	General Construction
 Dwg. 1 Thru Dwg. 7	For Information Only

- RD312 - Subsurface Drain
- RD400 - Guardrail and Metal Median Barrier
- RD405 - Guardrail and Metal Median Barrier Parts
- RD410 - Guardrail Parts (Thrie Beam)
- RD415 - Guardrail and Metal Median Barrier Parts
- RD420 - Non-Flared Terminal
- RD450 - Guardrail Anchors (Steel)
- RD500 - Precast Concrete Barrier Pin And Loop Assembly
- RD610 - Asphalt Pavement Details
- RD900, RD908, RD911, RD920, RD925, RD945, RD950, RD955 - Traffic Control Plans
- BR270 - Temporary Barricades
- BR270 - Temporary Impact Attenuators
- BR270 - Flex Beam Rail To Curb & Parapet Rail
- TM100 - Temporary Wood Post Sizing Charts
- TM105 - Orange Flag Board Mounting Details
- TM239 - Square Tube Sign Support
- TM500, TM501 - Pavement Markings
- TM515 - Raised Pavement Markers and Recessed Pavement Markers
- TM570 - Traffic Delineators

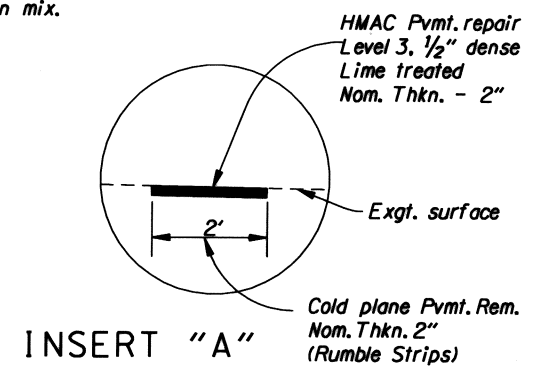
R/W Map Nos. 8B-30-20 & 8B-30-21

 Added Dwg. 7

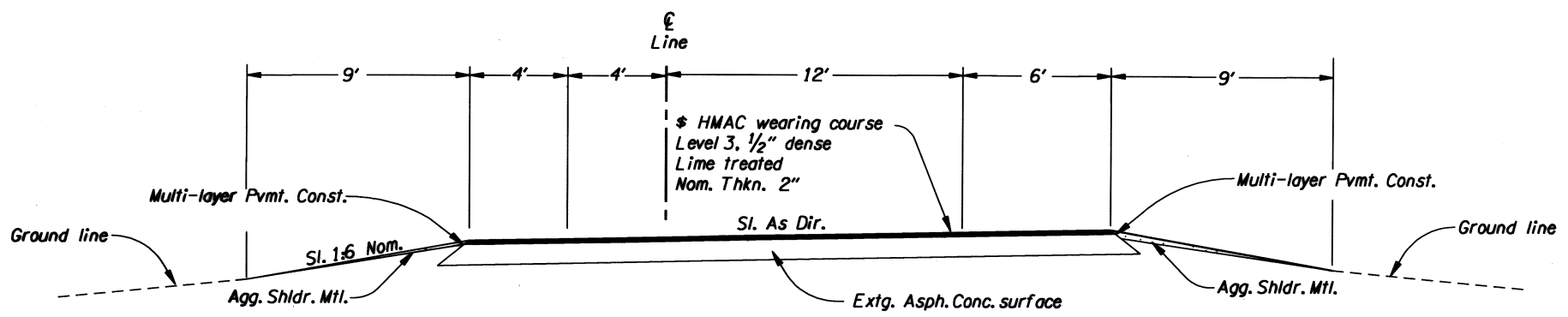
I-5: AZALEA - GLENDALE (SB) RECONSTRUCTION		
PACIFIC HIGHWAY DOUGLAS COUNTY		
FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	IM-S001(234)	1A



Note:
 \$ Denotes use of PG 70-22 oil in mix.
 % Denotes use of PG 64-22 oil in mix.



STA. "SB" 105+04 To STA. "SB" 143+82
 "SB" 158+36 To "SB" 390+70
 (For Extg. surfacings, see Sht. 2B-4, Subsurface Drain Detail, and Dwg. 1, 2 & 7)



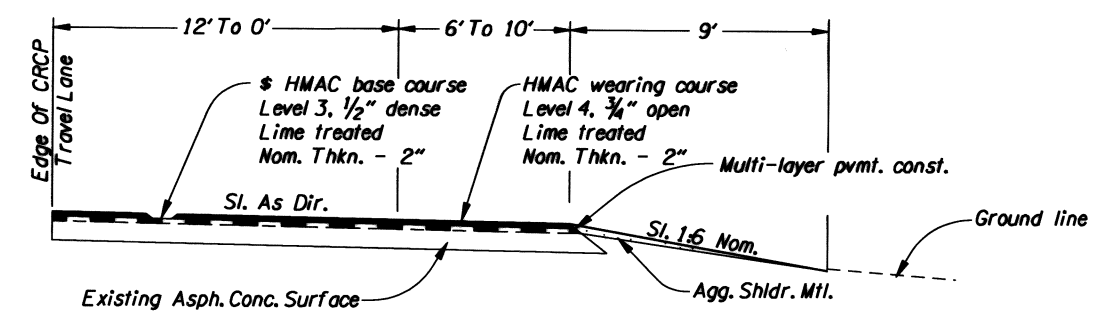
Ramp Paving

STA. "A"	160+01	To	STA. "A"	169+75
"B"	169+20	To	"B"	179+89
"C"	319+42	To	"C"	330+37
"D"	374+06	To	"D"	380+96
"E"	387+86	To	"E"	398+33

NOTE: For additional Pvm. details, See Sht. 2B-2

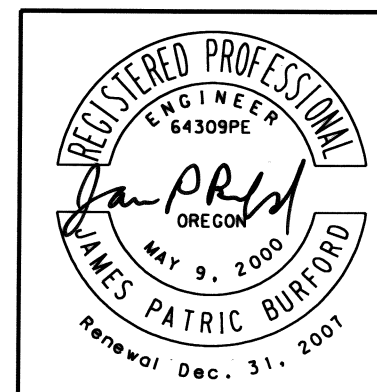
⚠ Changed width of cold plane Pvm. removal. For stage Const. widening, see Sht. 2B-6.

NOTE:
 1. Side-slopes are shown as vert. to horiz.
 2. Maintain Extg. drainage.



SPEED CHANGE LANE

STA. "SB" 179+89 To STA. "SB" 186+74
 "SB" 330+36 To "SB" 338+16
 "SB" 398+33 To "SB" 403+65



OREGON DEPARTMENT OF TRANSPORTATION
 ROADWAY ENGINEERING SECTION

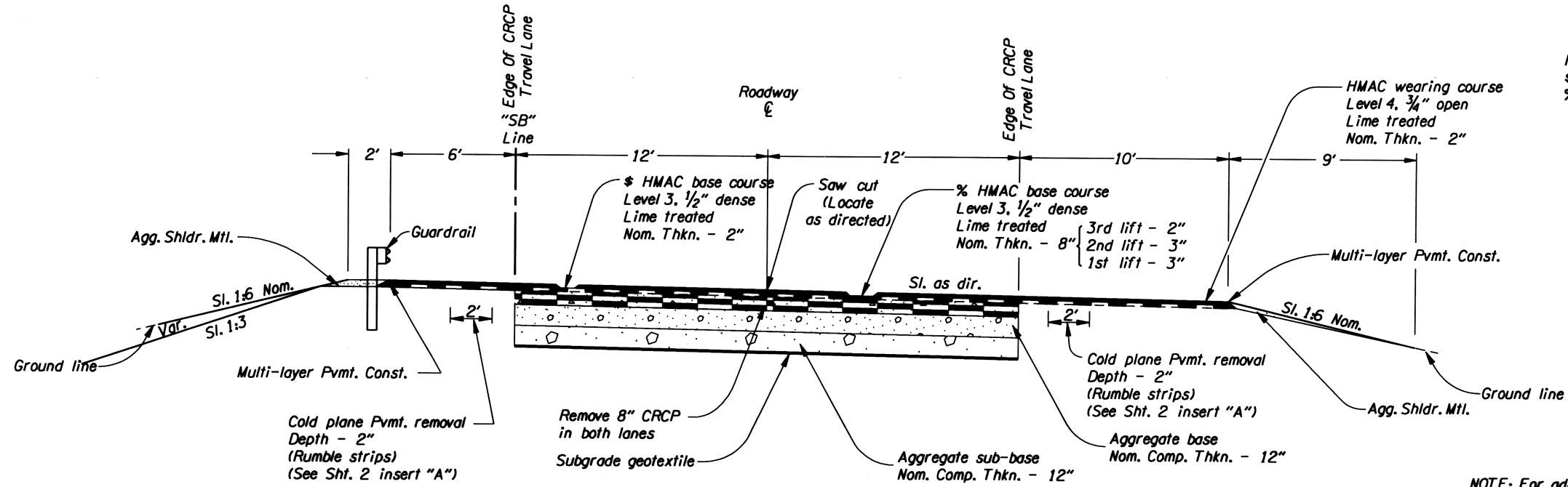
I-5: AZALEA - GLENDALE (SB) RECONSTRUCTION

PACIFIC HIGHWAY
 DOUGLAS COUNTY

Design Team Leader - James Burford
 Designed By - Jered W. Carpenter
 Drafted By - Linda K. Coffel

TYPICAL SECTIONS

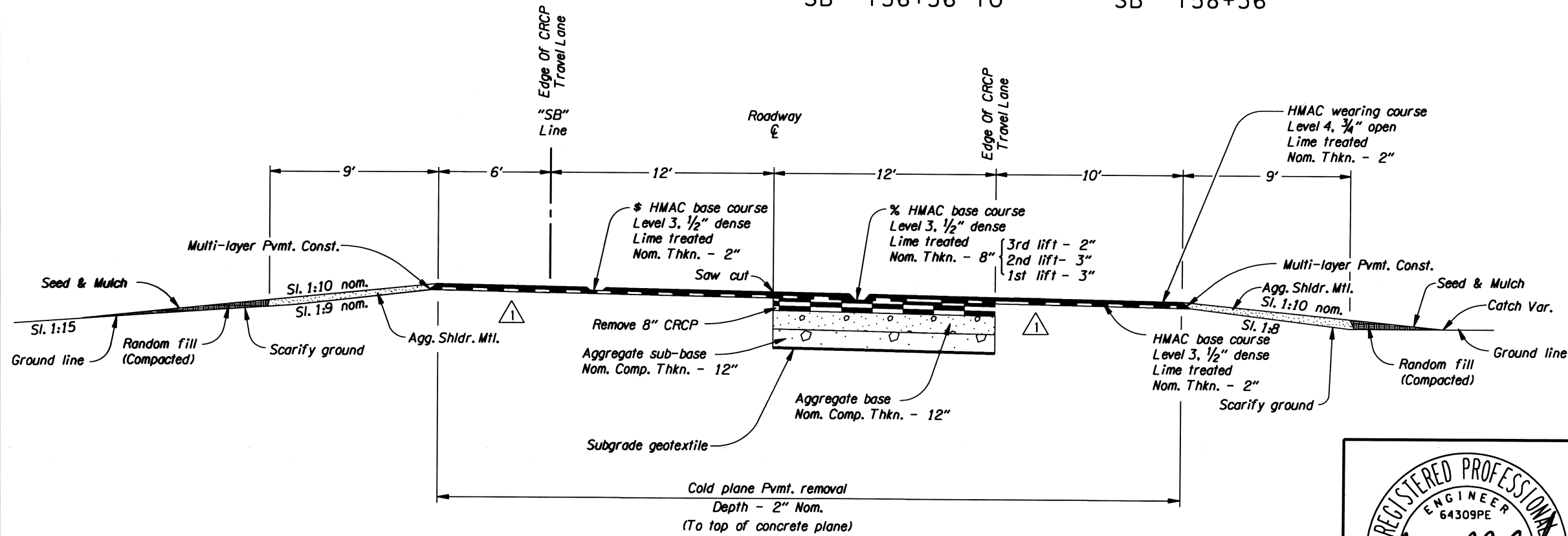
SHEET NO.
 2



Note:
 \$ Denotes use of PG 70-22 oil in mix.
 % Denotes use of PG 64-22 oil in mix.

NOTE: For additional Pvm. details, See Sht. 2B

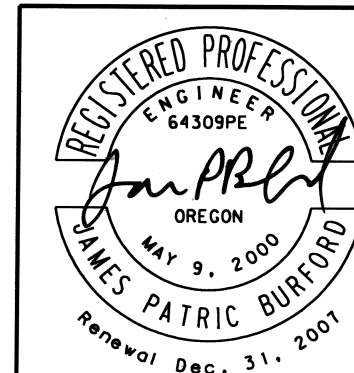
STA. "SB" 143+82 To STA. "SB" 147+64
 "SB" 147+64 To "SB" 156+36 (No work zone)
 "SB" 156+36 To "SB" 158+36



NOTE:
 1. Side-slopes are shown Vert. to Horiz.
 2. Maintain Extg. drainage.

STA. "SB" 390+70 To STA. "SB" 417+01
 (For Extg. surfacings, see Sht. 2B-4, Subsurface Drain Detail, and Dwgs. 1, 2 & 7)

Deleted note for removal of rumble strips.
 For stage Const. widening, see Sht. 2B-6.



OREGON DEPARTMENT OF TRANSPORTATION
 ROADWAY ENGINEERING SECTION

I-5: AZALEA - GLENDALE (SB) RECONSTRUCTION
 PACIFIC HIGHWAY
 DOUGLAS COUNTY

Design Team Leader - James Burford
 Designed By - Jered W. Carpenter
 Drafted By - Jered W. Carpenter

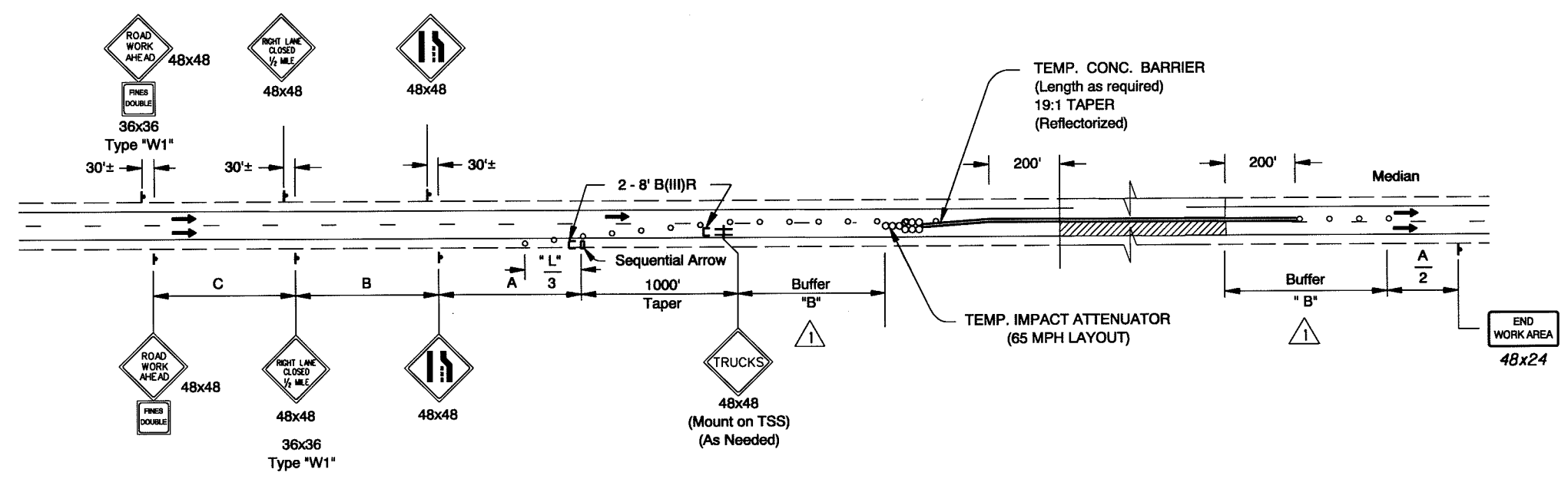
TYPICALS

SHEET NO.
 2A

NOTES:

- For left lane work, place TCD to close the left lane. Use "LEFT LANE CLOSED 1/2 MILE" and appropriate "LEFT LANE ENDS" signs.
- Substitute alternating 28" tubular markers on 40' max. spacing for temporary conc. barrier, and remove the Temp. Impact attenuator when specified in the Traffic Control Plans
- Place edge of temporary impact attenuator 6' from edge of travel lane.

- ○ ○ TEMP. PLASTIC DRUMS ON 40' MAX. SPACING
- ▨ UNDER TRAFFIC
- ▩ UNDER CONSTRUCTION



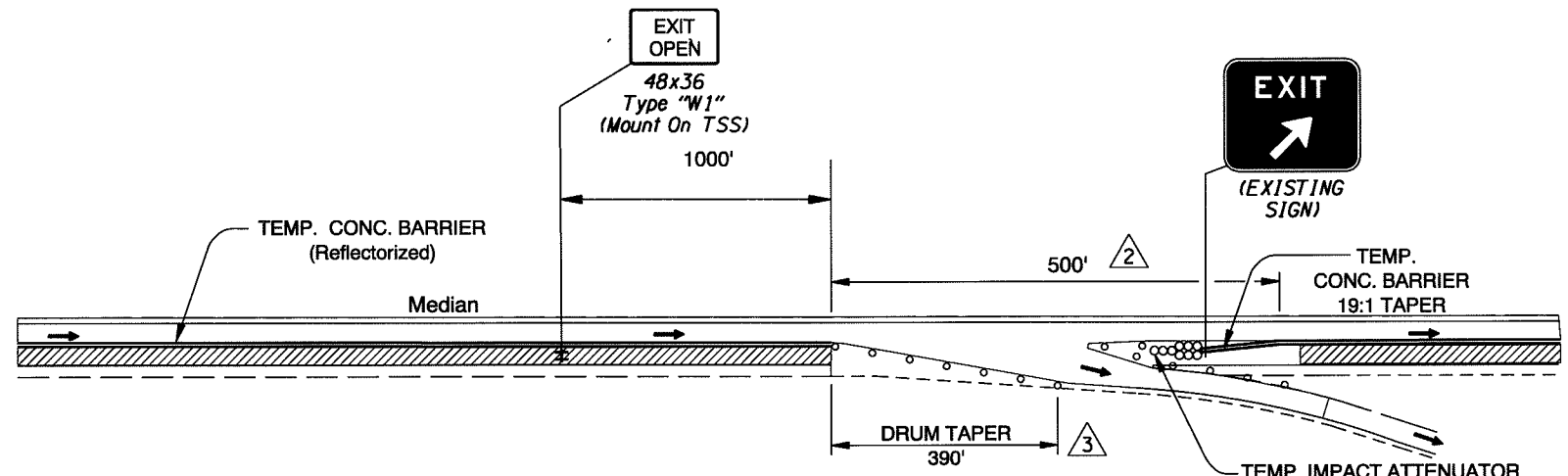
ONE LANE CLOSURE METHOD

- NOTE:
1. All dimensions are shown in inches unless otherwise noted.
 2. Comply with general notes on RD920.
 3. A temporary speed zone reduction has been approved for the work shown in these plans. A Speed Zone Reduction Order will be issued upon approval of a final staging plan. See Special Provisions 00225.02 for minimum signing requirements.

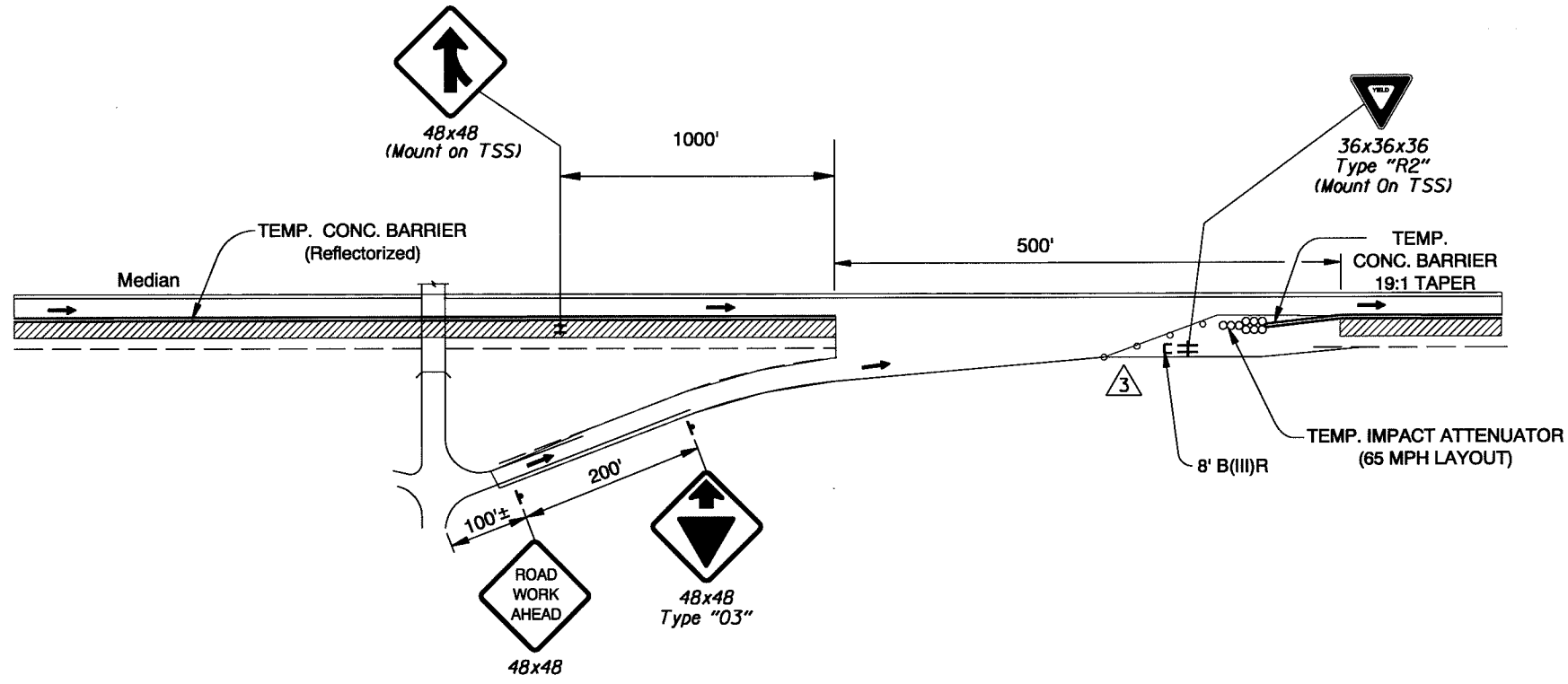
- ① Revised buffer lengths
- ② Added Note 3



OREGON DEPARTMENT OF TRANSPORTATION ROADWAY ENGINEERING SECTION	
I-5: AZALEA - GLENDALE (SB) RECONSTRUCTION PACIFIC HIGHWAY DOUGLAS COUNTY	
Design Team Leader - James Burford Designed By - Jered W. Carpenter Drafted By - Linda K. Coffel	
TRAFFIC CONTROL DETAILS	SHEET NO. 20



Traffic Control Plans For Exits
Not to scale



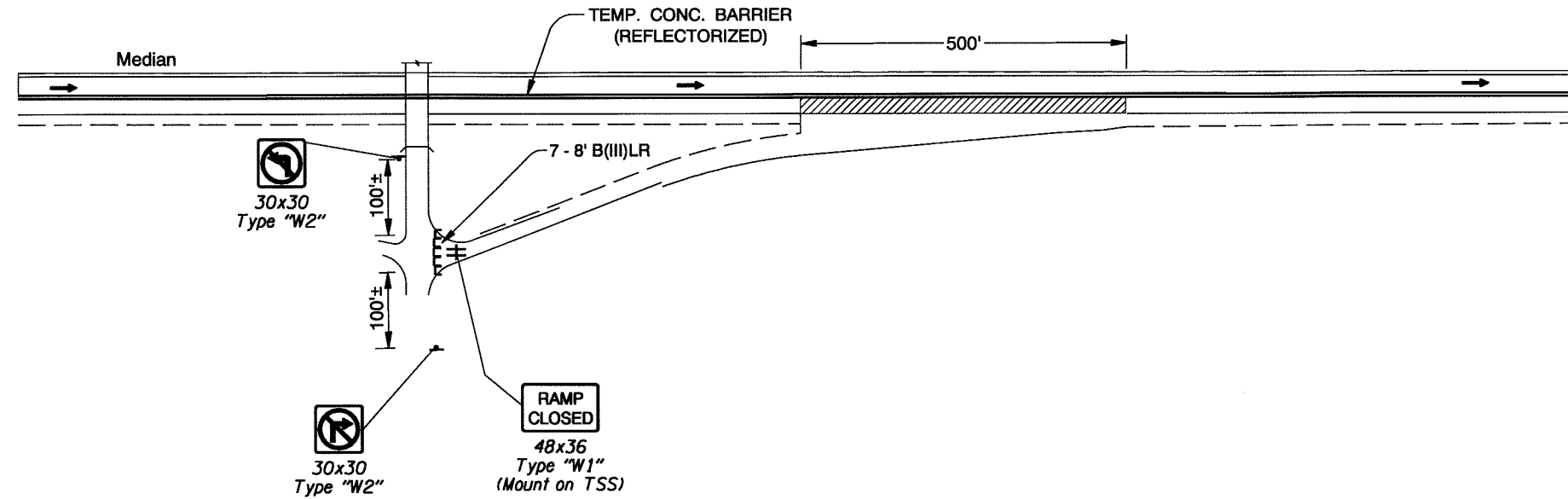
Traffic Control Plans For On-Ramps
Not to scale

NOTE:
 1. All dimensions are shown in inches unless otherwise noted.
 2. Exit ramps & on-ramps within the project limits will remain open at all times unless otherwise specified in the Special Provisions for this project.
 3. locate edge of Temp. impact attenuator 6' minimum from travel lane.

- 1 Added Note 3.
- 2 Adjusted barrier opening limits.
- 3 Changed drum taper and spacing.



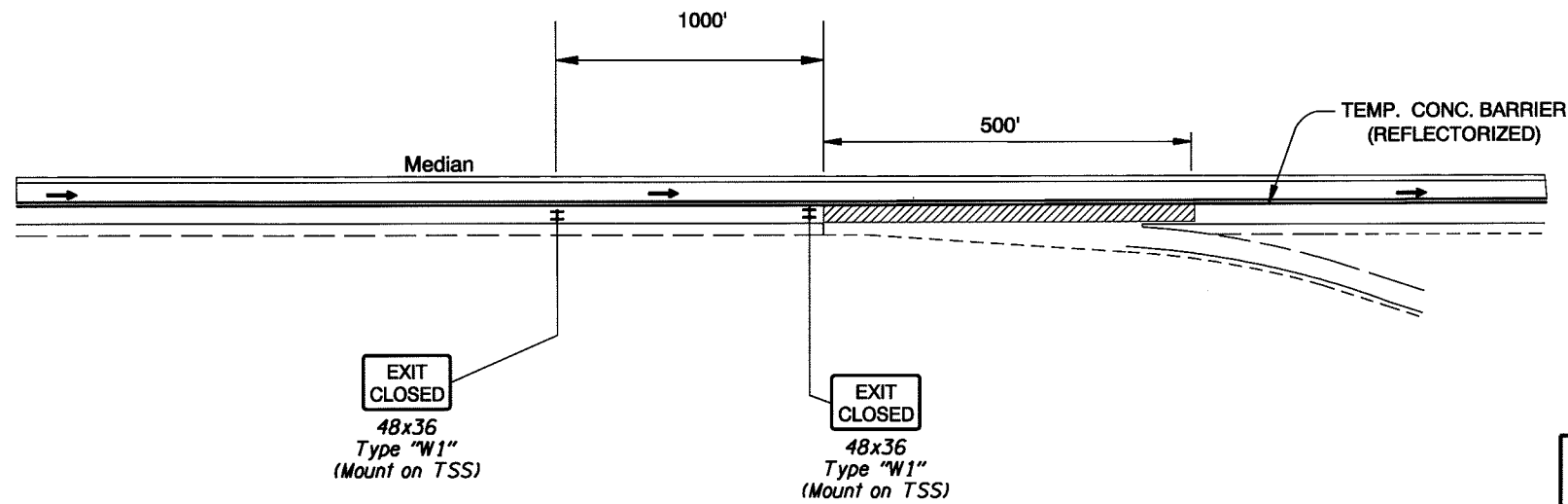
OREGON DEPARTMENT OF TRANSPORTATION ROADWAY ENGINEERING SECTION	
I-5: AZALEA - GLENDALE (SB) RECONSTRUCTION PACIFIC HIGHWAY DOUGLAS COUNTY	
Design Team Leader - James Burford Designed By - Jered W. Carpenter Drafted By - Jered W. Carpenter	
TRAFFIC CONTROL DETAILS	SHEET NO. 2C-2



UNDER TRAFFIC
 UNDER CONSTRUCTION

On-Ramp Closure Method

Not to scale



NOTE:

1. All dimensions are shown in inches unless Otherwise Noted.
2. Cover or remove signs used for open ramp traffic control.
3. See detour sheets 2C-7, 2C-8 and 2C-9 for additional detour signing requirements.
4. Exit ramps & on-ramps within the project limits will remain open at all times unless otherwise specified in The Special Provisions for this project.

Exit Ramp Closure Method

Not to scale

Revised NOTE 3.



OREGON DEPARTMENT OF TRANSPORTATION
 ROADWAY ENGINEERING SECTION

I-5: AZALEA - GLENDALE (SB) RECONSTRUCTION

PACIFIC HIGHWAY
 DOUGLAS COUNTY

Design Team Leader - James Burford
 Designed By - Jared W. Carpenter
 Drafted By - Linda K. Coffel

**TRAFFIC CONTROL
 DETAILS**

SHEET NO.

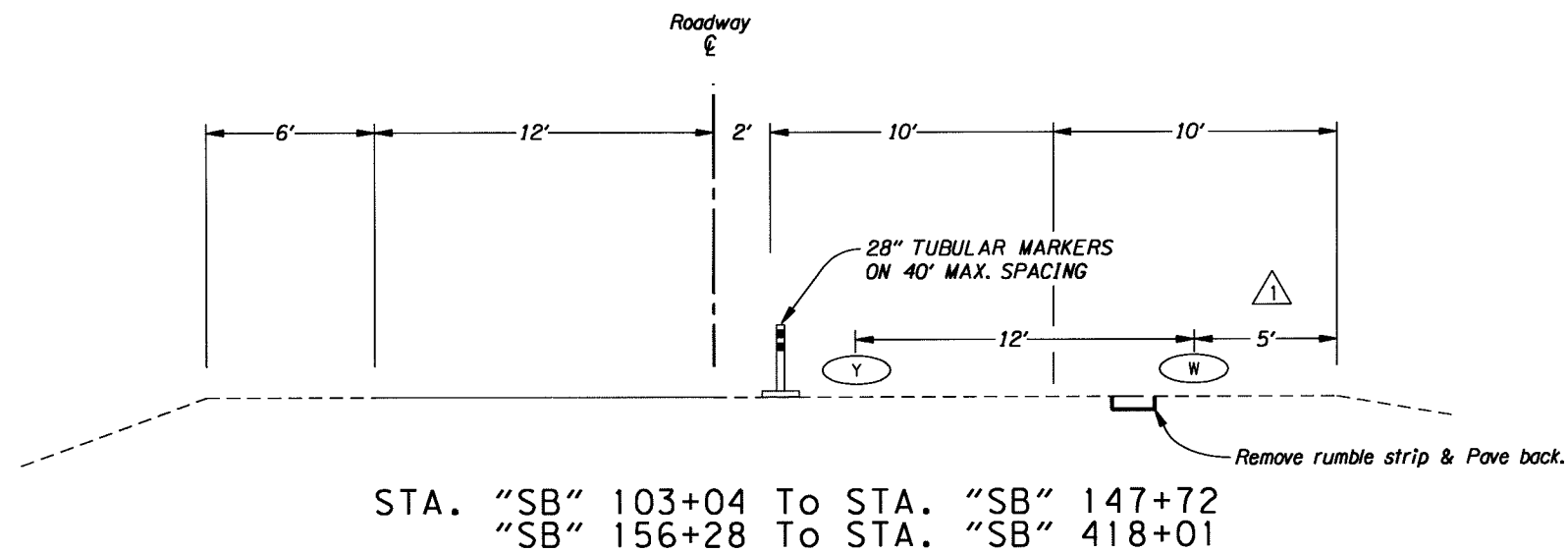
2C-3

- △² WORK TO BE DONE
1. Remove rumble strips on right shoulder
 2. Remove striping and place Temp. striping

▨ UNDER TRAFFIC
 ▩ UNDER CONSTRUCTION

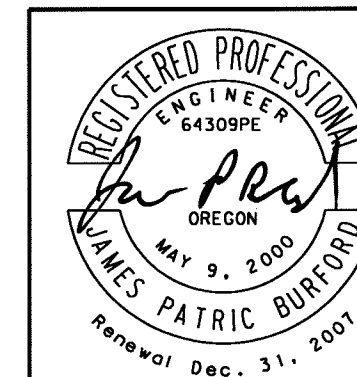
— IMMEDIATE GRADING LIMITS
 - - FINAL GRADING LIMITS
 — UNDER TRAFFIC
 - - EXISTING GROUND
 - - TOP OF STAGE, TEMP. OR FINAL SURFACING

(W) 4" White Line
 Shown Thus: _____
 (Y) 4" Yellow Line
 Shown Thus: _____



NOTE:
 1. See Shts. 2C-5 & 2C-6 For Temporary Striping Layout. Allow For Barrier Flare As Detailed On Sht. 2C.
 2. Use Temporary Removable Tape & Temporary Non-Reflective ("Blackout") Tape From Sta. 147+72 To Sta. 156+28, Before Sta. 103+04, And Beyond Sta. 418+01 To Preserve Extg. Striping.

- △¹ Added offset dimension for Temp. striping
 △² Added list of work to be done



OREGON DEPARTMENT OF TRANSPORTATION
 ROADWAY ENGINEERING SECTION

15: AZALEA - GLENDALE (SB) RECONSTRUCTION

PACIFIC HIGHWAY
 DOUGLAS COUNTY

Design Team Leader - James Burford
 Designed By - Rich Coffel
 Drafted By - Linda Coffel

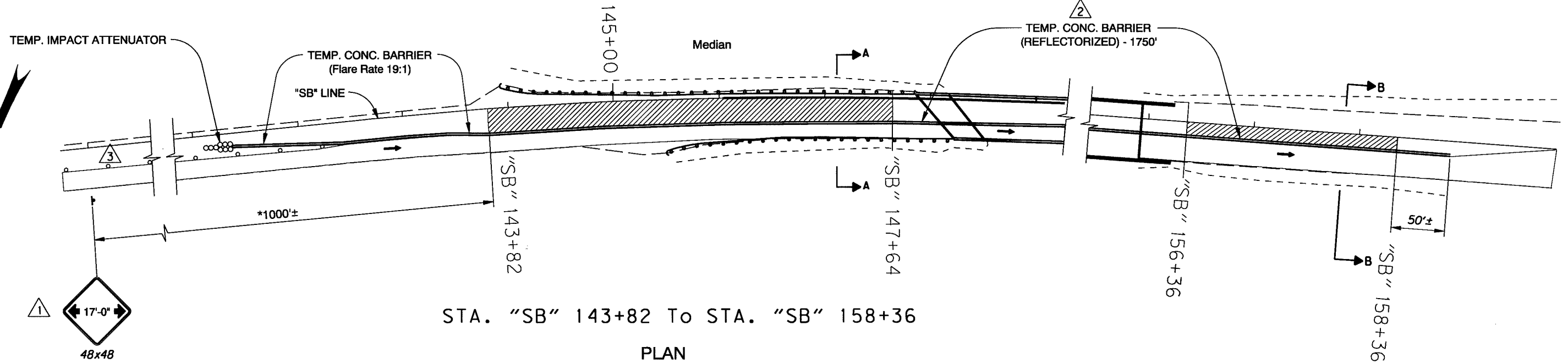
TRAFFIC CONTROL

SHEET NO.

2C-4

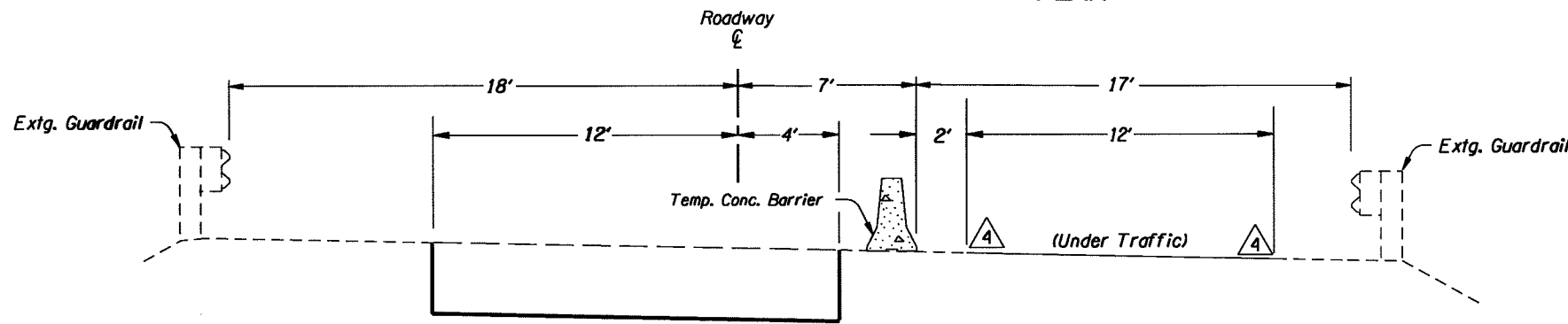
STAGE II

1 * Locate two additional 48x48 horizontal clearance signs 1000'± in advance of the Azalea Interchange off-ramp. Install as directed.

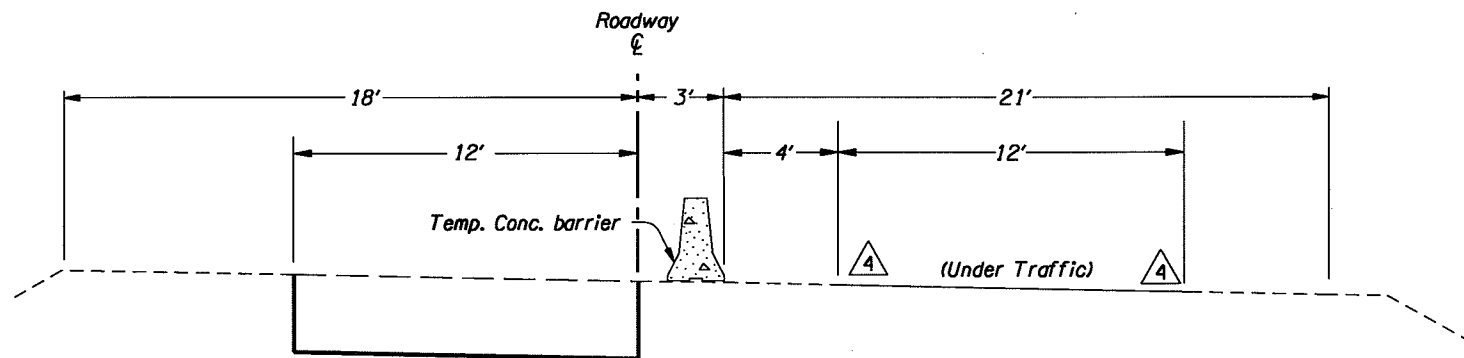


STA. "SB" 143+82 To STA. "SB" 158+36

PLAN



SECTION A-A

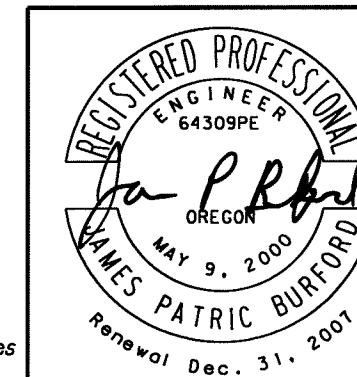


SECTION B-B

- 3 TEMP. PLASTIC DRUMS ON 40' MAX. SPACING
- UNDER TRAFFIC
- UNDER CONSTRUCTION
- IMMEDIATE GRADING LIMITS
- FINAL GRADING LIMITS
- UNDER TRAFFIC
- EXISTING GROUND
- TOP OF STAGE, TEMP. OR FINAL SURFACING

NOTE:
4 1. See Dwg. Nos. RD900 & RD925 for additional drum layout details.

- 1 Revised horizontal clearance signing and note
- 2 Added barrier length
- 3 Added drums on 40' spacing
- 4 Changed Note 1 and deleted striping references



OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION

I-5: AZALEA - GLENDALE (SB) RECONSTRUCTION

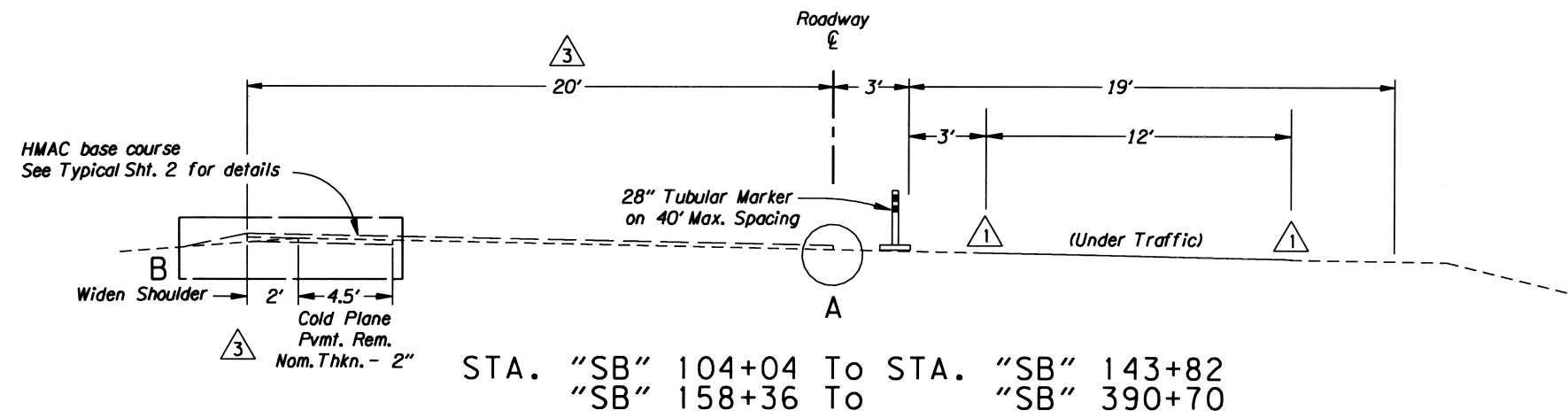
PACIFIC HIGHWAY
DOUGLAS COUNTY

Design Team Leader - James Burford
Designed By - Jered W. Carpenter
Drafted By - Linda K. Coffel

TRAFFIC CONTROL

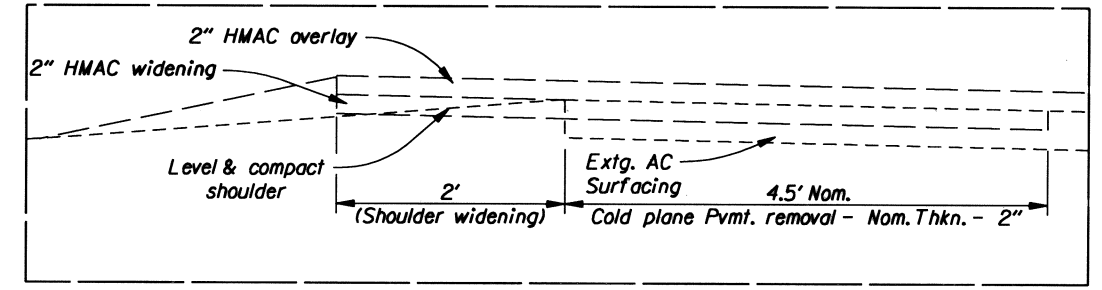
SHEET NO.

2C-5

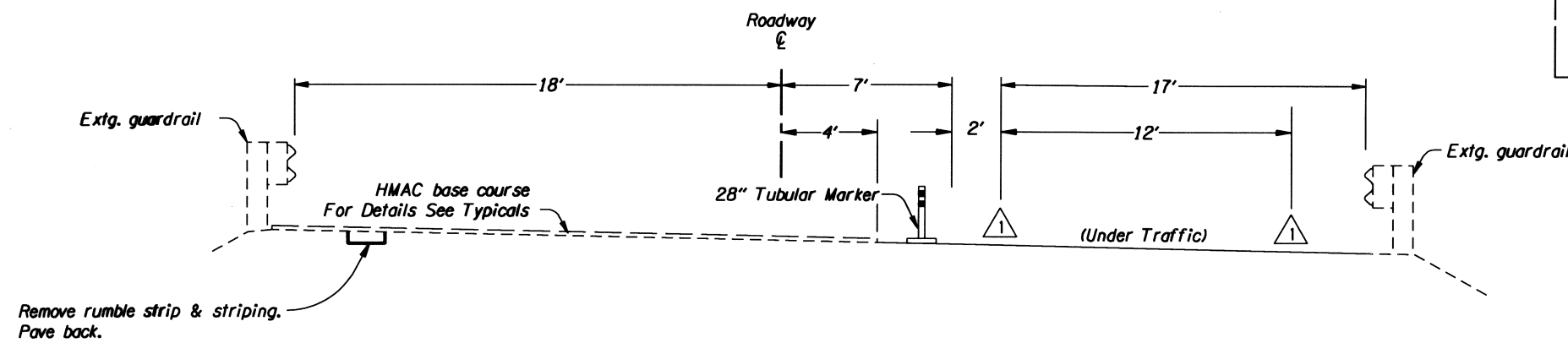


- 2 WORK TO BE DONE
1. Remove rumble strips on left shoulder
 2. Widen left shoulder
 3. Place HMAC base course in fast lane
 4. Place Temp. striping in fast lane
 5. Install Temp. Conc. Barrier prior to Stage IV

STA. "SB" 104+04 To STA. "SB" 143+82
"SB" 158+36 To "SB" 390+70



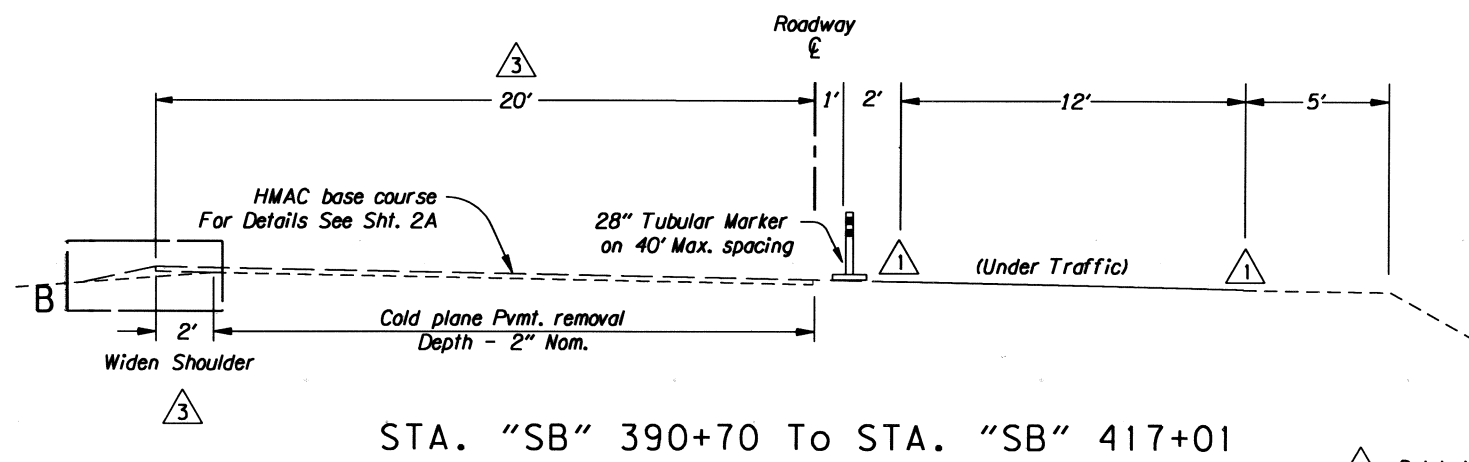
B



STA. "SB" 143+82 To STA. "SB" 147+64

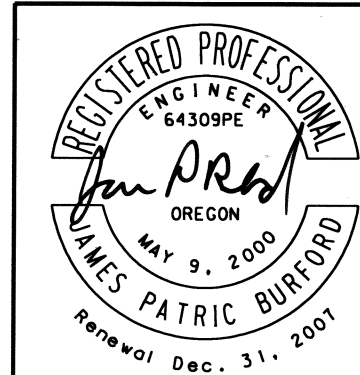
- IMMEDIATE GRADING LIMITS
- - - FINAL GRADING LIMITS
- UNDER TRAFFIC
- - - EXISTING GROUND
- - - TOP OF STAGE, TEMP. OR FINAL SURFACING

- NOTES:
1. Temporary Striping Shown To Be Placed In Stage I.
 2. Const. Conc. Pgmt. repair as directed. (For details, See Sht. 2B-5)



STA. "SB" 390+70 To STA. "SB" 417+01

- 1 Deleted striping references
- 2 Added list of work to be done
- 3 Added stage shoulder widening & detail



OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION

I-5: AZALEA - GLENDALE (SB) RECONSTRUCTION

PACIFIC HIGHWAY
DOUGLAS COUNTY

Design Team Leader - James Burford
Designed By - Jared W. Carpenter
Drafted By - Linda K. Coffel

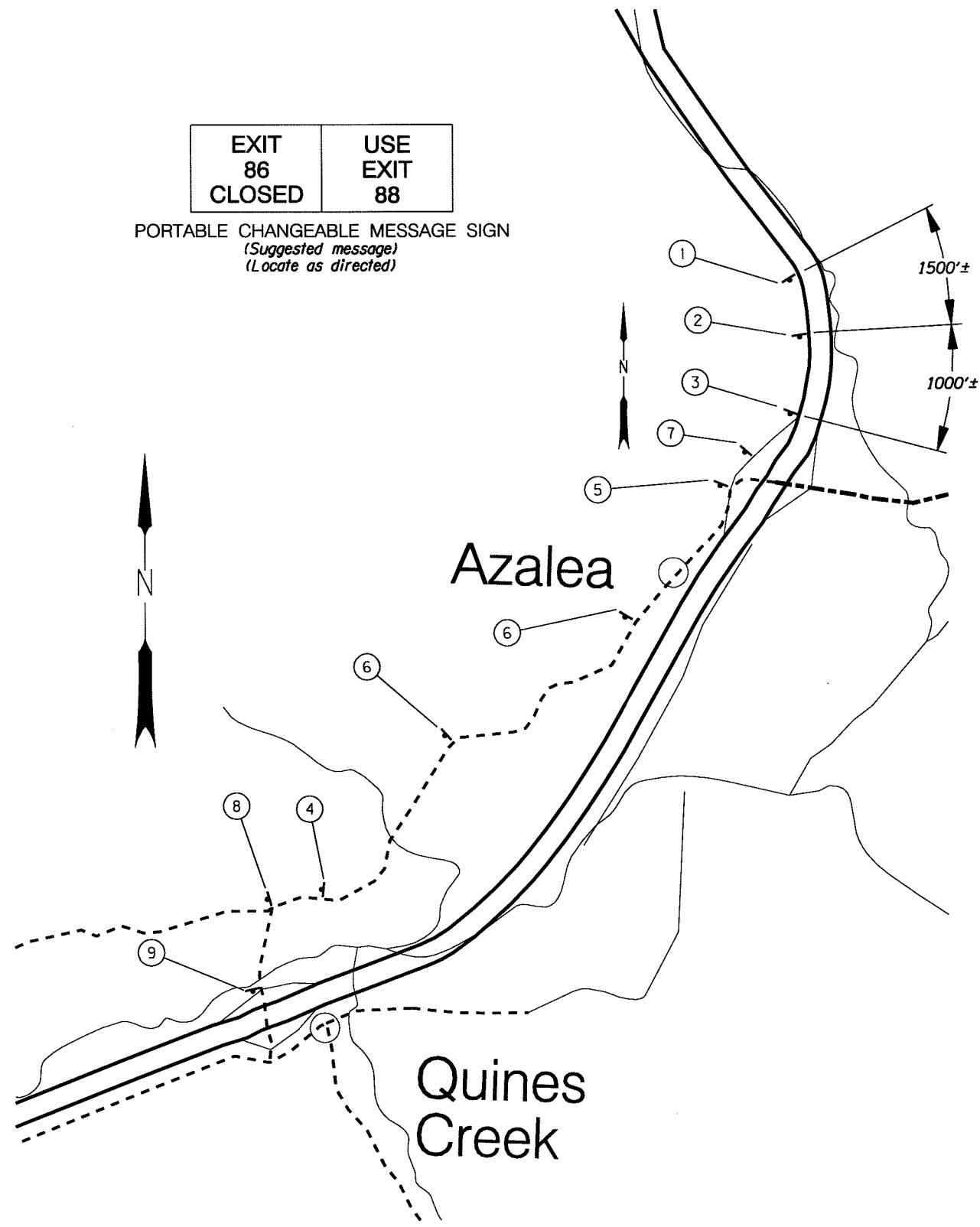
TRAFFIC CONTROL

SHEET NO. 2C-6

DETOUR

STAGE III

Quines Creek Off-Ramp Closure



EXIT 86 CLOSED	USE EXIT 88
----------------------	-------------------

PORTABLE CHANGEABLE MESSAGE SIGN
(Suggested message)
(Locate as directed)

① * EXIT 86 CLOSED DETOUR AHEAD 64X39	② * EXIT 86 DETOUR NEXT RIGHT 52X39	③ DETOUR 30x36
* Denotes installation of flag boards per Dwg. No. TM105		
④ DETOUR SOUTH 24x12 24x12 24x24 Type "FA" 21x15	⑤ DETOUR SOUTH 24x12 24x12 24x24 Type "FA" 21x15	⑥ DETOUR SOUTH 24x12 24x12 24x24 Type "FA" 21x15
⑦ DETOUR SOUTH 24x12 24x12 24x24 Type "FA" 21x15	⑧ DETOUR SOUTH 24x12 24x12 24x24 Type "FA" 21x15	⑨ END DETOUR 30x24

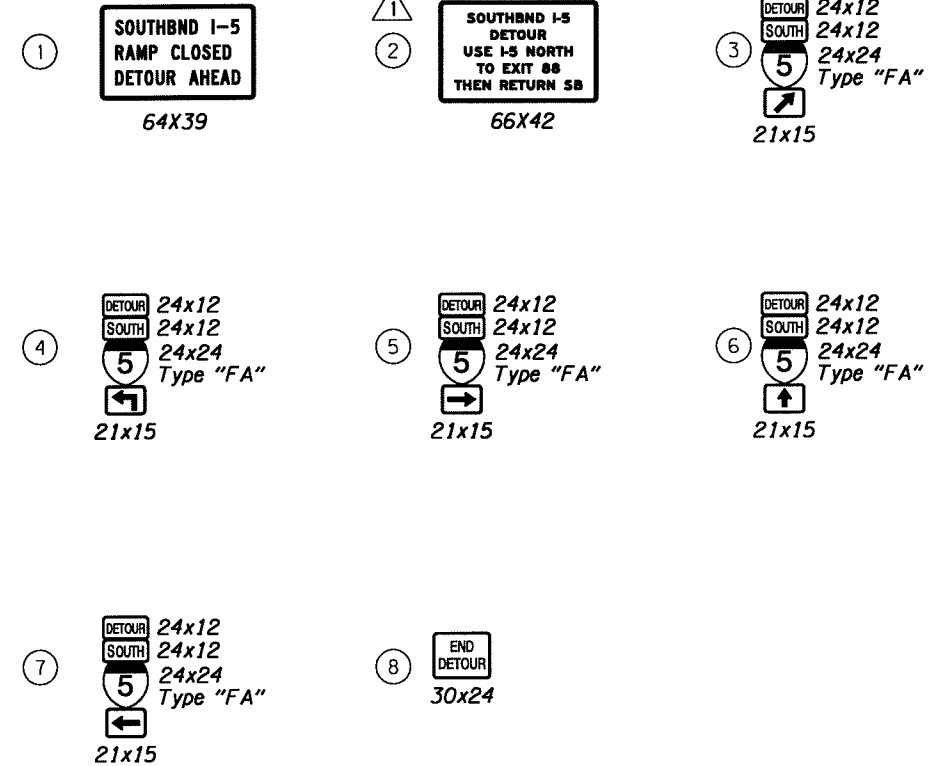
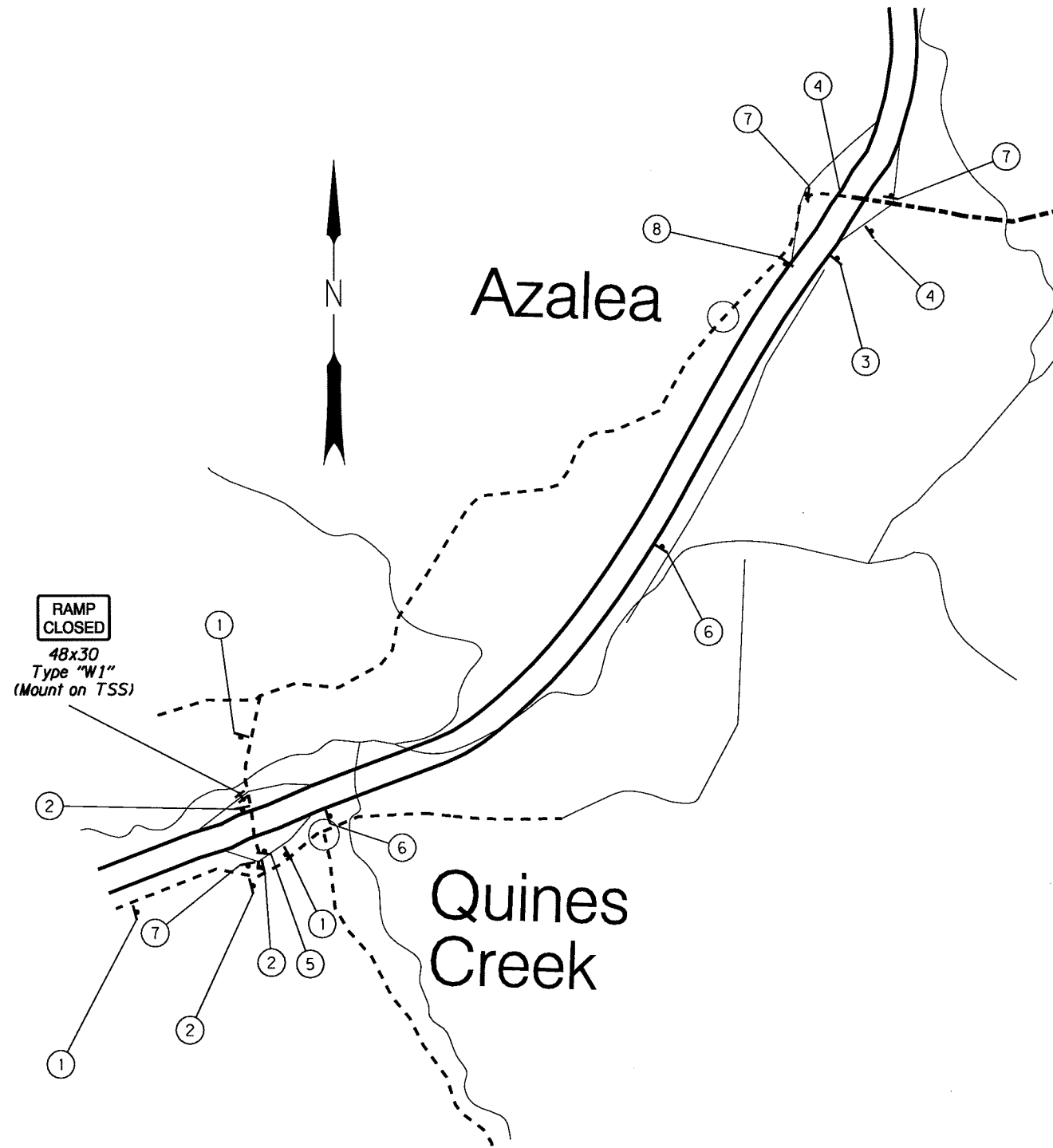
- NOTES:
1. All dimensions are shown in inches unless otherwise noted.
 2. Interchange ramps within the project limits will remain open at all times unless otherwise specified in the special provisions for this project.
 3. See additional ramp closure details on Sht. 2C-3

Added Note 3



OREGON DEPARTMENT OF TRANSPORTATION ROADWAY ENGINEERING SECTION	
15: AZALEA - GLENDALE (SB) RECONSTRUCTION	
PACIFIC HIGHWAY DOUGLAS COUNTY	
Design Team Leader - James Burford Designed By - Jared W. Carpenter Drafted By - Linda K. Coffel	
DETOUR PLAN	SHEET NO. 2C-7

D E T O U R
STAGE III
 Quines Creek On-Ramp Closure



RAMP CLOSED
 48x30
 Type "W1"
 (Mount on TSS)

- NOTES:**
1. All dimensions are shown in inches unless otherwise noted.
 2. Interchange ramps within the project limits will remain open at all times unless otherwise specified in the Special Provisions for this project.

⚠ Changed Sign #2



OREGON DEPARTMENT OF TRANSPORTATION
 ROADWAY ENGINEERING SECTION

I5: AZALEA - GLENDALE (SB) RECONSTRUCTION
 PACIFIC HIGHWAY
 DOUGLAS COUNTY

Design Team Leader - James Burford
 Designed By - Rich Coffel
 Drafted By - Linda Coffel

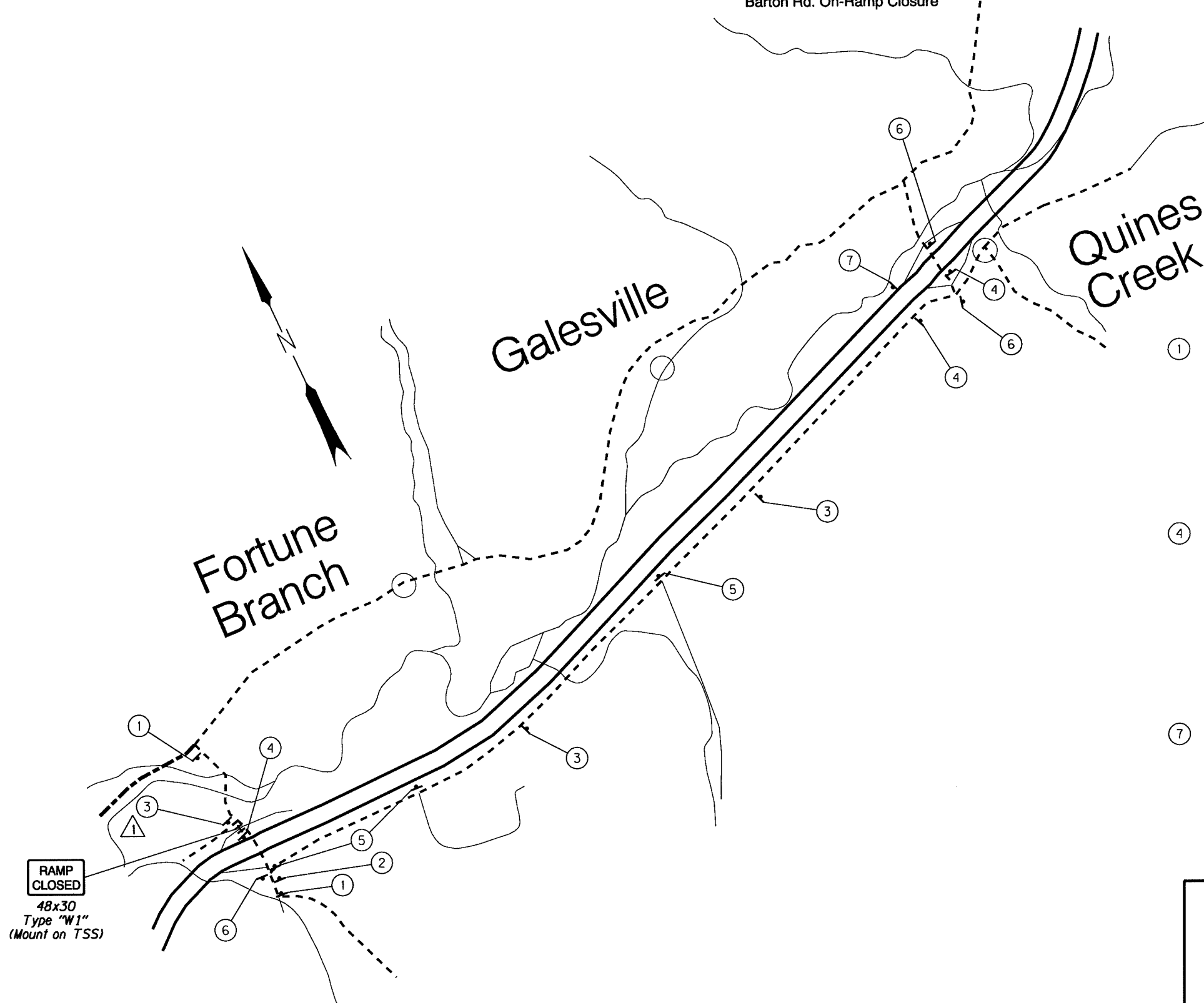
DETOUR PLAN

SHEET NO.
2C-8

D E T O U R

STAGE III

Barton Rd. On-Ramp Closure

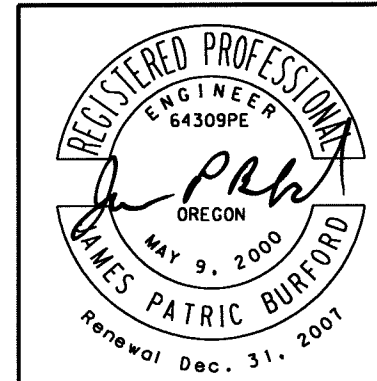


RAMP CLOSED
48x30
Type "W1"
(Mount on TSS)

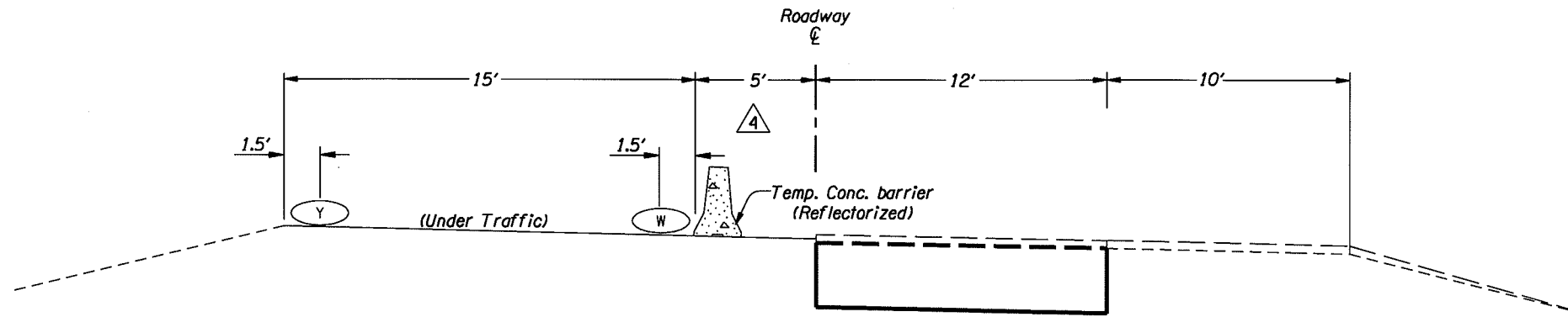
- ① **SOUTHBOUND I-5 RAMP CLOSED DETOUR AHEAD**
64X39
- ② **DETOUR SOUTH** 24x12
5 24x12
24x24 Type "FA"
21x15
- ③ **DETOUR SOUTH** 24x12
5 24x12
24x24 Type "FA"
21x15
- ④ **DETOUR SOUTH** 24x12
5 24x12
24x24 Type "FA"
21x15
- ⑤ **DETOUR SOUTH** 24x12
5 24x12
24x24 Type "FA"
21x15
- ⑥ **DETOUR SOUTH** 24x12
5 24x12
24x24 Type "FA"
21x15
- ⑦ **END DETOUR**
30x24

NOTES:
1. All dimensions are shown in inches unless otherwise noted.
2. Interchange ramps within the project limits will remain open at all times unless otherwise specified in the Special Provisions for this project.

⚠ Added an additional Sign 3

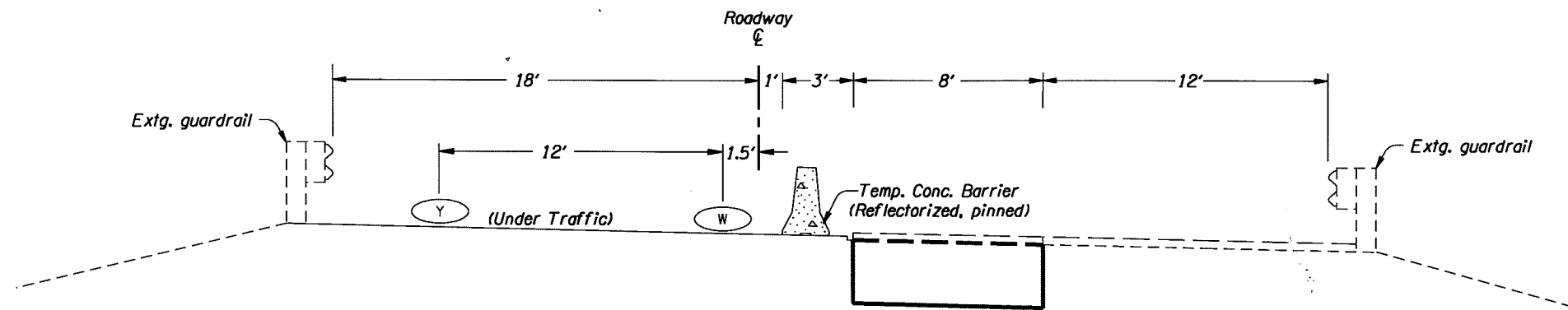


OREGON DEPARTMENT OF TRANSPORTATION ROADWAY ENGINEERING SECTION	
15: AZALEA - GLENDALE (SB) RECONSTRUCTION	
PACIFIC HIGHWAY DOUGLAS COUNTY	
Design Team Leader - James Burford Designed By - Rich Coffel Drafted By - Rich Coffel	
DETOUR PLAN	SHEET NO. 2C-9



- 5 WORK TO BE DONE
1. Excavate slow lane, backfill & pave with HMAC
 2. Pave wearing course right of centerline
 3. Construct guardrail

STA. "SB" 105+04 To STA. "SB" 143+82
 "SB" 156+36 To "SB" 417+01

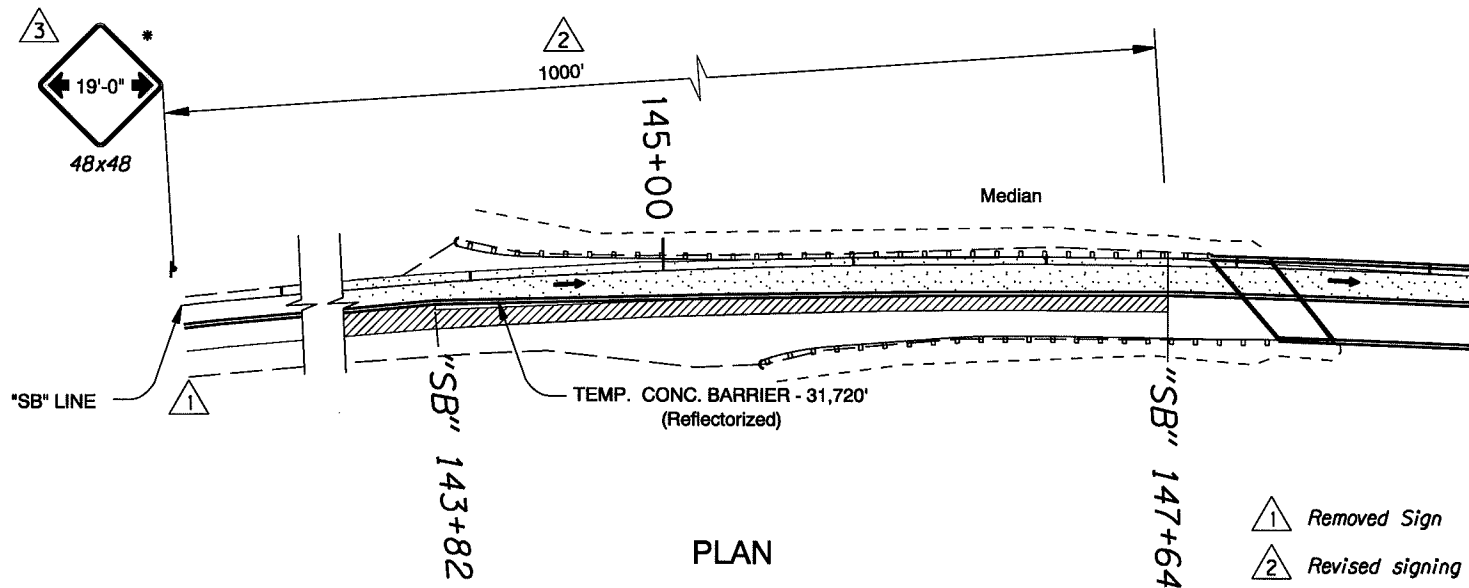


- IMMEDIATE GRADING LIMITS
- - - FINAL GRADING LIMITS
- UNDER TRAFFIC
- - - EXISTING GROUND
- - - TOP OF STAGE, TEMP. OR FINAL SURFACING

- UNDER TRAFFIC
- UNDER CONSTRUCTION

- 4" White Line
Shown Thus: _____
- 4" Yellow Line
Shown Thus: _____

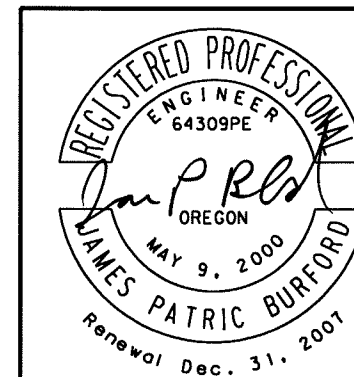
STA. "SB" 143+82 To STA. "SB" 147+64



- NOTE:
1. Place Temporary Striping Prior To The Begining Of Stage IV.
 2. Use Temporary Removable Tape & Temporary Non-Reflective ("Blackout") Tape From Sta. 147+72 To Sta. 156+28, Before Sta. 103+04, And Beyond Sta. 418+01 To Preserve Extg. Striping.

3 * Locate two additional 48x48 horizontal clearance signs 1000'± in advance of the Azalea Interchange off-ramp. Install as directed.

- 1 Removed Sign
- 2 Revised signing distance
- 3 Revised sign legend, added additional clearance signs
- 4 Revised roadway width & barrier placement
- 5 Added list of work to be done



OREGON DEPARTMENT OF TRANSPORTATION
 ROADWAY ENGINEERING SECTION

I-5: AZALEA - GLENDALE (SB) RECONSTRUCTION
 PACIFIC HIGHWAY
 DOUGLAS COUNTY

Design Team Leader - James Burford
 Designed By - Jered W. Carpenter
 Drafted By - Jered W. Carpenter

TRAFFIC CONTROL

SHEET NO.
 2C-10

