



Oregon

Theodore R. Kulongoski, Governor

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

DATE: April 21, 2009

Addenda No. 1

TO: PLAN HOLDERS

PREPARED BY:

Michael Gumbel

APPROVED BY:

Chris R. Johnson P.E.

SUBJECT: US 101 @ Constitution Way Section
Oregon Coast Highway
Curry County
Grading, Drainage, Paving, Signing, Signals & Building Project
(Bids to be opened and read April 30, 2009)

The following change is made to the Project Special Provisions:

1. Subsection 00745.49(b-3) Moving Average Maximum Density (MAMD) Method - This subsection is added after subsection 00745.49(b-1):

00745.49(b-3) Moving Average Maximum Density (MAMD) Method - Replace the MAMD list with the following list:

Course of Construction	HMAC
First HMAC lift less than 3 inches placed on aggregate base	91.0
All other	92.0

The following changes are made to the Project Plans:

1. Plan sheets 1A, 2A-3 through 2A-8, 4, and 5 are replaced with revised plan sheets 1A, 2A-3 through 2A-8, 4, and 5.

US 101 @ Constitution Way Section
Oregon Coast Highway
Curry County
Grading, Drainage, Paving, Signing, Signals & Building Project
(Bids to be opened and read April 30, 2009)

Addenda No. 1

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.

mg:CZ

Attachments: Revised Plan Sheets

Standard Drg. Nos.

INDEX OF SHEETS, CONT'D.	
SHEET NO.	DESCRIPTION
1C & 1C-2	Survey Control Sheets
2 Thru 2A-9	Typical Sections
2B Thru 2B-8	Details
2C Thru 2C-8	Traffic Control Plans
2D	Pipe Data Sheet
3	General Construction (Constitution way)
3A	Drainage & Utilities
3B, 3C & 3D	Profiles (Constitution Way)
4 & 5	General Construction (Scale Site)
4A & 5A	Profiles (Scale Site)
GA & GA-2	Erosion Control
GJ & GJ-2	Water Quality
ST Thru ST-3	Striping Plan

SHEET NO.	DESCRIPTION
TRAFFIC SIGNALS	
15118 Thru 15123	Signal Plan

SHEET NO.	DESCRIPTION
SIGNS	
S-10865 Thru S-10878	Signing Plan

SHEET NO.	DESCRIPTION
ILLUMINATION	
I-1525	Illumination Plans

SHEET NO.	DESCRIPTION
BRIDGE	
80933	SCALE PIT DRAWING

SHEET NO.	DESCRIPTION
BRIDGE	
C1, A1, S1, S2 & E1	SCALE HOUSE DRAWINGS

RD100
RD110
RD115
RD120

- Mailbox Support
- Cattle Pass & Painted Cattle Guard
- Monument Box
- Concrete Stairway

RD302
RD312
RD317
RD326
RD336
RD344
RD348
RD356
RD360
RD364
RD366
RD370
RD376
RD380
RD382
RD384
RD386

- Street Cut
- Subsurface Drain
- Culvert Embankment Protection
- Coupling Bands For Currugated Metal Pipe
- Standard Storm Sewer Manhole
- Standard Manhole Base Section
- Manhole With Inlet
- Manhole Covers and Frames
- Manhole Frame Adjustment
- Concrete Inlets Type G-1, G-2, G-2M, & G-2MA
- Concrete Inlets Type CG-1, CG-2 and Curb Inlet Channel
- Ditch Inlet Type D
- Miscellaneous Drainage Structures Siphon Box, Inlet Cap & Inlet Adjustment
- Aluminum and Steel Corrugated Pipe Fill Height Tables
- Aluminum & Steel Arch Pipe Fill Height Tables
- Aluminum & Steel Spiral Rib Pipe Fill Height Tables
- Circular Concrete Pipe Fill Height Table

RD500
RD516

- Precast Concrete Barrier Pin And Loop Assembly
- Securing Concrete Barrier To Roadway

RD600
RD610

- Portland Cement Concrete Pavement
- Asphalt Pavement Details

RD700
RD705
RD710
RD715
RD720
RD755
RD757
RD759

- Curbs
- Islands
- Accessible Route Islands
- Approaches And Non-Sidewalk Driveways
- Sidewalks
- Sidewalk Ramp Details
- Sidewalk Ramp Placement Options Curb Radii >15'
- Truncated Dome Detectable Warning Surface Details & Locations

RD815

- Chain Link Fence

RD1000
RD1010
RD1040

- Construction Entrances
- Inlet Protection (Type 1, 2 and 3)
- Sediment Fence, Supported Sediment Fence, Unsupported

TM200
TM201
TM206
TM211
TM221
TM222
TM223
TM230
TM231
TM233

- Sign Installation Details
- Miscellaneous Sign Placement Details
- Sign Bracing Details
- Signing Details US and Interstate Route Shields
- Signing Details Milepost Markers
- Installation Details Milepost Marker Posts
- Conventional Roads Directional Sign Layout Street Name Signs
- Mounting Details for Removable Legend (203 & 152 UC)
- Mounting Details for Removable Legend (271 UC 305 &)
- Mounting Details for Removable Legend



TM457
TM460
TM462
TM465
TM472

- Vehicle, Pedestrian Signal and Push Button Mounting Details
- Vehicle Signal Details
- Adjustable Signal Head Mounting Details
- Overhead Sign, Fire Preemption & Photoelectronic Details
- Traffic Signal Junction Box



TM500, TM501, TM502, TM503
TM515
TM525
TM530
TM539
TM570
TM571
TM576
TM602

- Pavement Marking Standard Details
- Raised Pavement Markers
- Turn Arrow Marking Details
- Intersection Pavement Markings
- Median And Left Turn Channelization Details
- Traffic Delineators
- Traffic Delineators Steel Post Details
- Traffic Delineator Installation
- Triangular Base Breakaway Sign Support (Multi-Directional)



TM629
TM630
TM635
TM650
TM651
TM652
TM653
TM670
TM671
TM675
TM676
TM677
TM678
TM681
TM685
TM700
TM705
TM710
TM715
TM750
TM770
TM775
TM780

- Slip Base and Fixed Base Luminaire Supports (Details)
- Slip Base and Fixed Base Luminaire Supports (Base & Footing)
- Breakaway Sign and Luminaire Supports (Location Guidelines)
- Traffic Signal Supports (Details & Design Criteria)
- Traffic Signal Supports (Notes and Reactions)
- Traffic Signal Supports (Steel Details)
- Traffic Signal Supports (Foundation Requirements)
- Wood Post Sign Supports
- 3 Second Gust Wind Speed Isotach
- Extruded Aluminum Panels
- Sign Attachments
- Sign Mounts
- Secondary Sign Mounting Details
- Perforated Steel Square Tube (PSST) Sign Support Installation
- 110 MPH Square Tube Sign Support Sizing Chart
- Tables, Abrupt Edge And PCMS Details
- Intersection Work Zone Details
- 2-Lane, 2-Way Roadways
- Non-Freeway Multi-Lane Sections
- Temporary Barricades
- Multi-Lane Signalized Intersection Details
- Temporary Sign Supports
- Closure Details



BR140
BR165
BR182

- Expansion Joint with Poured Seals
- Standard Bridge End Panel
- Standard Truck Scale Pit

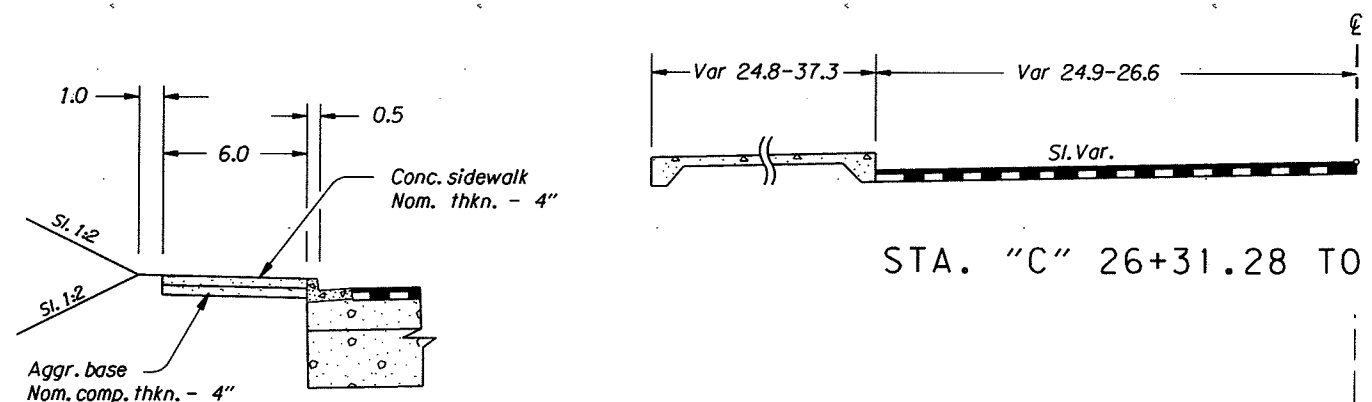
US 101 @ CONSTITUTION WAY
OREGON COAST HIGHWAY
CURRY COUNTY

Rev. No.	Description	Date	Engineer
1	Added standard drawings	4-17-09	Bob Branch

FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	X-NH-S009(329)	1A

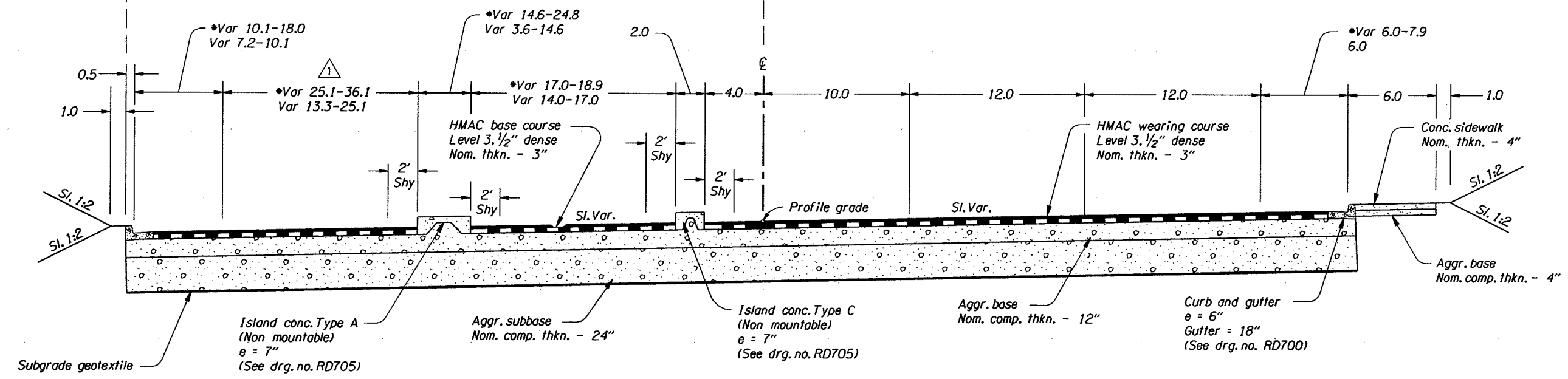
TYPICAL SECTIONS

42V-62



STA. "C" 26+31.28 TO STA. "C" 26+46.05

STA. "C" 26+03.23 TO STA. "C" 26+31.38 Taper section



STA. "C" 25+91.41 TO STA. "C" 26+17.37 Taper section
 *STA. "C" 26+17.37 TO STA. "C" 26+31.28 Taper section

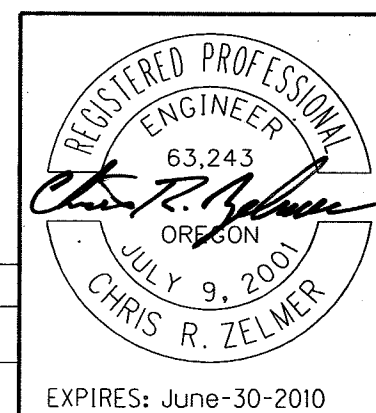
Note: All dimensions are in feet (Ft.) unless otherwise noted

OREGON DEPARTMENT OF TRANSPORTATION

REGION 3 - TECHNICAL CENTER

**US 101 @ CONSTITUTION WAY
 OREGON COAST HIGHWAY
 CURRY COUNTY**

Design Team Leader - Chris Zelmer
 Designed By - Bob Branch
 Drafted By - David Knox



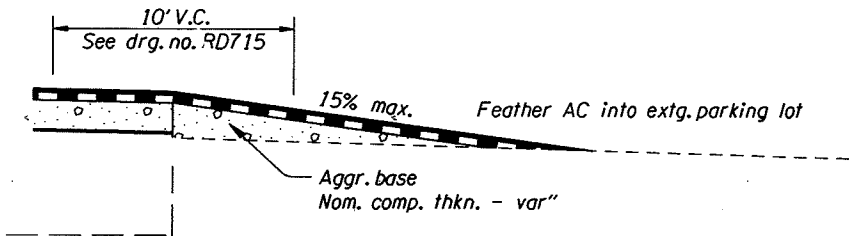
EXPIRES: June-30-2010

Rev. No.	Description	Date	By
1	Corrected distance	4-15-09	Bob Branch

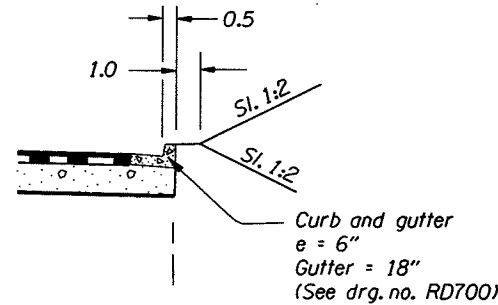
TYPICAL SECTIONS SHEET NO. **2A-3**

TYPICAL SECTIONS

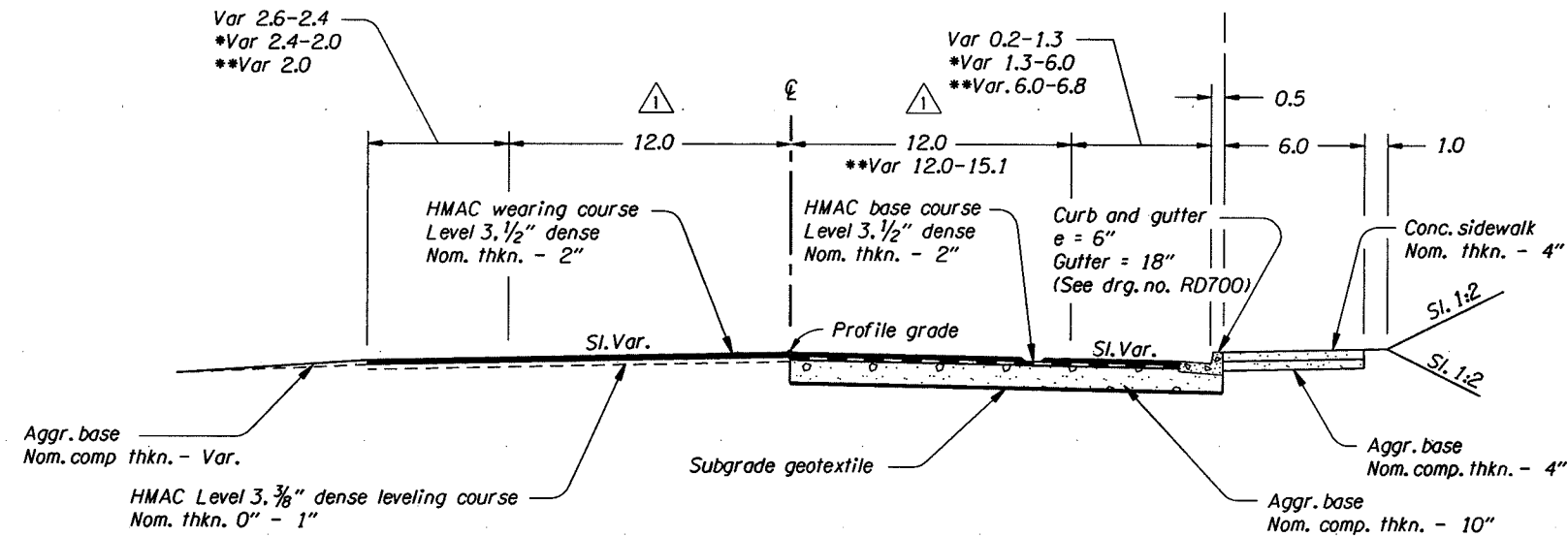
42V-62



STA. "AZ" 50+96.06 TO STA. "AZ" 51+59.74

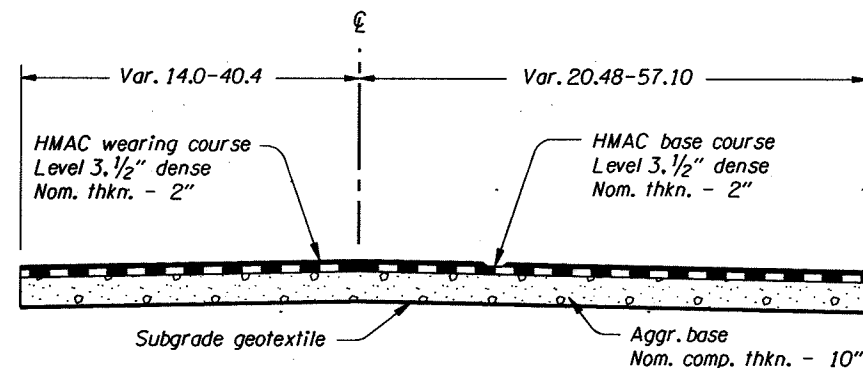


STA. "AZ" 50+65.14 TO STA. "AZ" 50+96.06



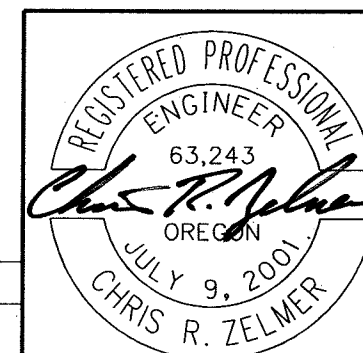
STA. "AZ" 50+65.14 TO "AZ" STA. 50+96.06 Taper section
 *STA. "AZ" 50+96.06 TO "AZ" STA. 51+59.74 Intersection
 **STA. "AZ" 51+59.74 TO "AZ" STA. 52+08.45 Intersection

Note: All dimensions are in feet (Ft.) unless otherwise noted



△ STA. "AZ" 52+08.75 TO STA. "AZ" 52+78.28 INTERSECTION

Rev. No.	Description	Date	By
△	Revised dim's & added Intersection typ.	4-15-09	Bob Branch



EXPIRES: June-30-2010

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REGION 3 - TECHNICAL CENTER

US 101 @ CONSTITUTION WAY
 OREGON COAST HIGHWAY
 CURRY COUNTY

Design Team Leader - Chris Zelmer
 Designed By - Bob Branch
 Drafted By - David Knox

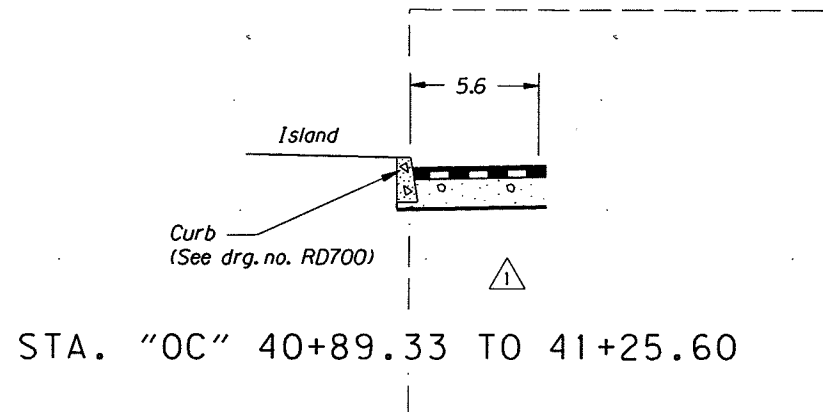
TYPICAL SECTIONS

SHEET NO. 2A-4

TYPICAL SECTIONS

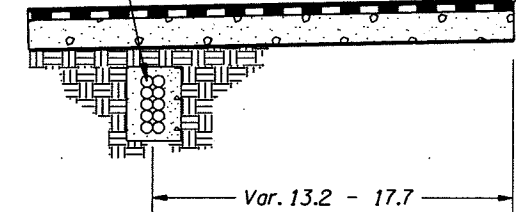
42V-62

OC Line
(Vert. cut line)

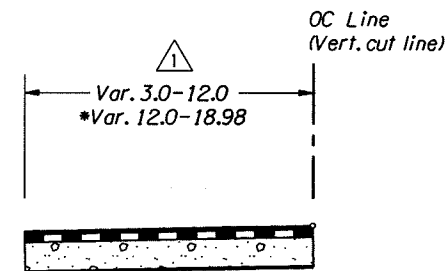


STA. "OC" 40+89.33 TO 41+25.60

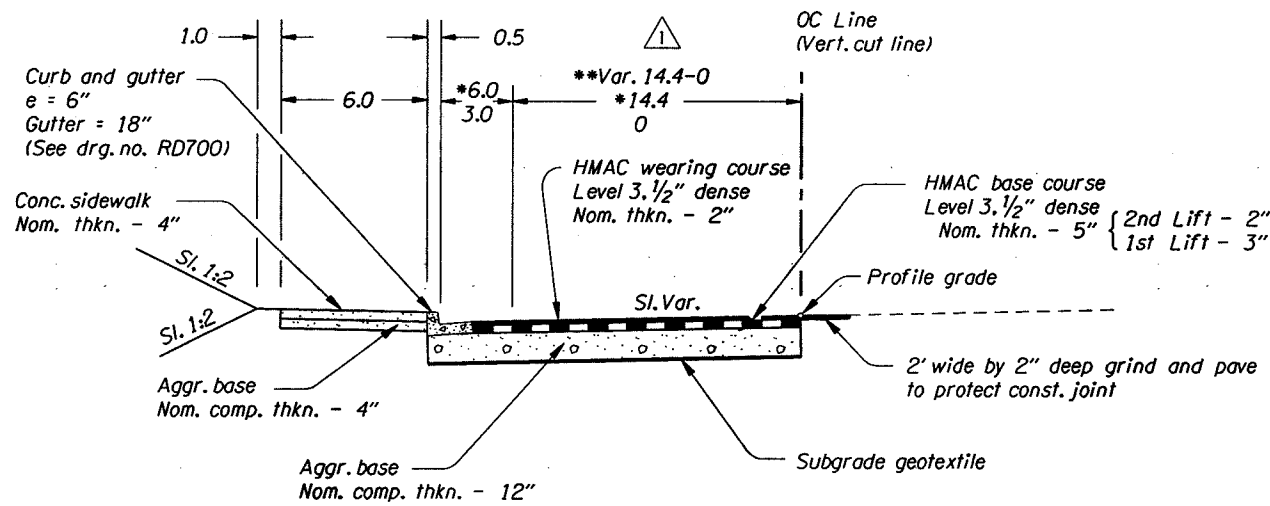
10 - Communication conduits
Encased in concrete
Protect in place
Field verify location



STA. "OC" 40+18.90 TO STA. "OC" 42+56.73



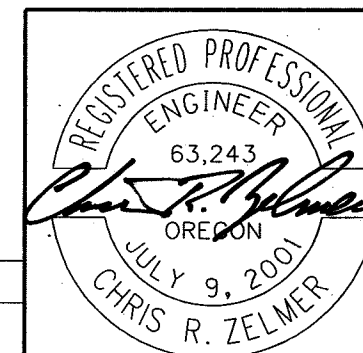
STA. "OC" 40+00.00 TO STA. "OC" 40+18.90 Taper Section
*STA. "OC" 40+18.90 TO STA. "OC" 41+78.09 Taper Section



Note: All dimensions are in feet (Ft.) unless otherwise noted

△ STA. "OC" 37+76.48 TO STA. "OC" 38+63.19
STA. "OC" 38+63.19 TO STA. "OC" 40+00.00 (No work)
*STA. "OC" 41+78.09 TO STA. "OC" 42+91.84
**STA. "OC" 42+91.84 TO STA. "OC" 45+01.95 Taper section

Rev. No.	Description	Date	By
△	Revised dim's add typical	4-15-09	Bob Branch

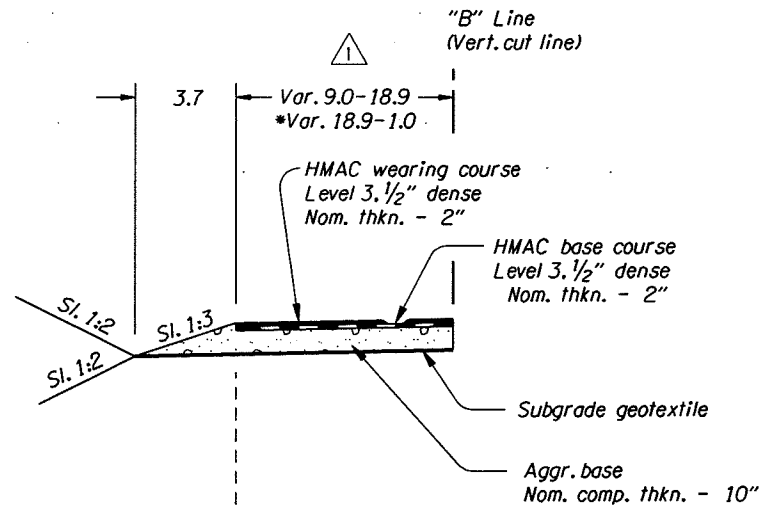


EXPIRES: June-30-2010

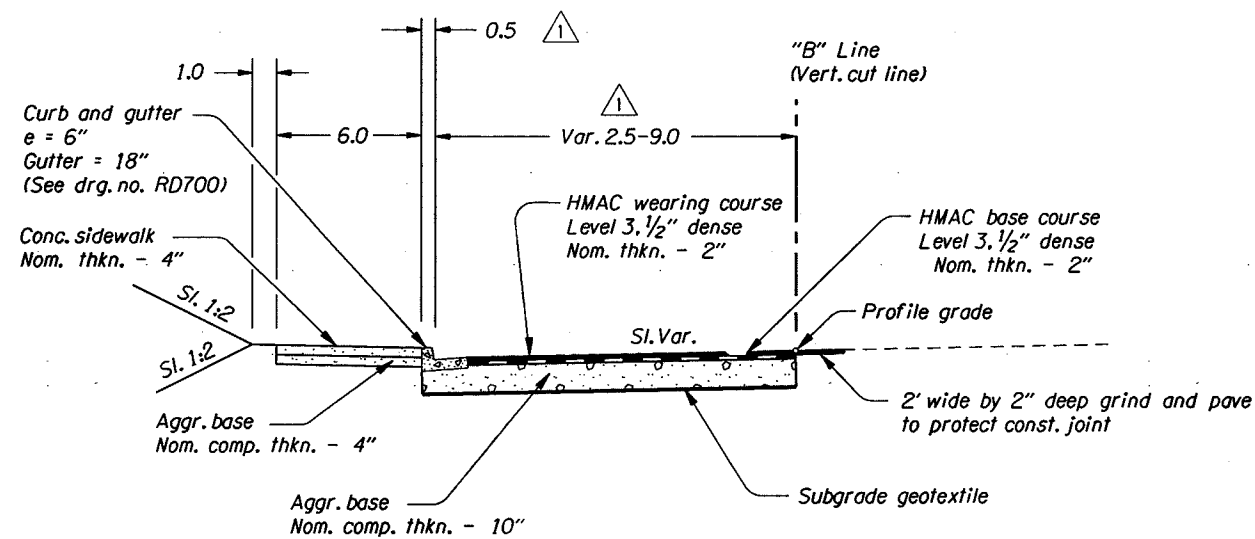
OREGON DEPARTMENT OF TRANSPORTATION	
REGION 3 - TECHNICAL CENTER	
US 101 @ CONSTITUTION WAY OREGON COAST HIGHWAY CURRY COUNTY	
Design Team Leader - Chris Zelmer Designed By - Bob Branch Drafted By - David Knox	
TYPICAL SECTIONS	SHEET NO. 2A-5

TYPICAL SECTIONS

42V-62

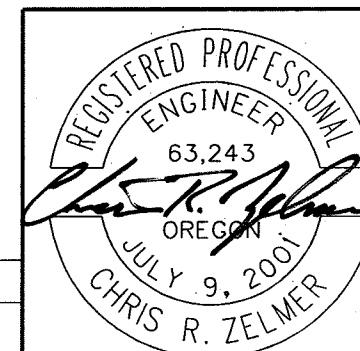


△ STA. "B" 30+47.41 TO STA. "B" 30+80.66
 *STA. "B" 30+80.66 TO STA. "B" 31+74.28



△ STA. "B" 30+00.00 TO STA. "B" 30+47.41

Note: All dimensions are in feet (Ft.) unless otherwise noted



EXPIRES: June-30-2010

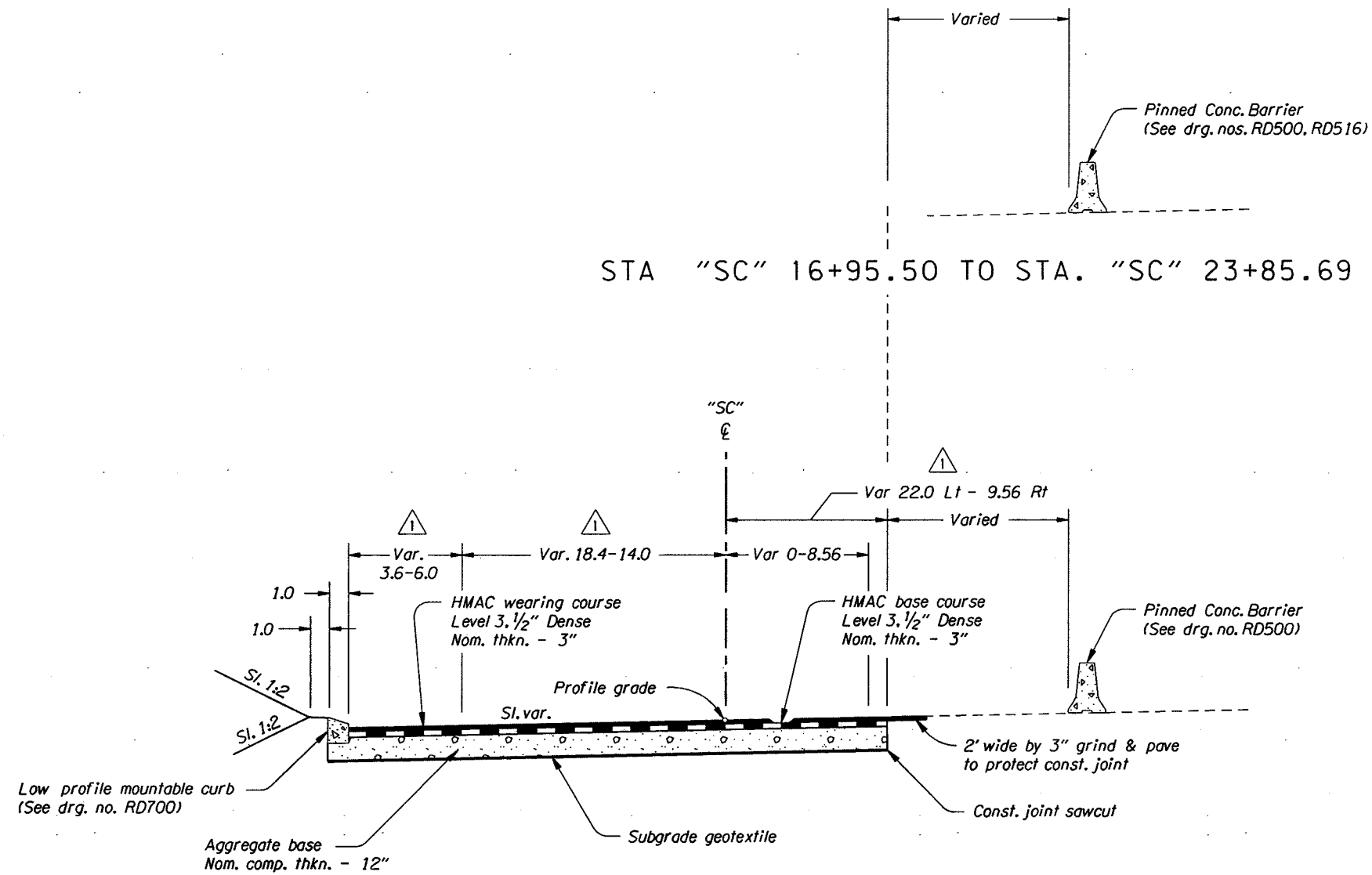
OREGON DEPARTMENT OF TRANSPORTATION	
REGION 3 - TECHNICAL CENTER	
US 101 @ CONSTITUTION WAY OREGON COAST HIGHWAY CURRY COUNTY	
Design Team Leader - Chris Zelmer Designed By - Bob Branch Drafted By - David Knox	
TYPICAL SECTIONS	SHEET NO. 2A-6

Rev. No.	Description	Date	By
△ 1	Revised dimensions	4-16-09	Bob Branch

TYPICAL SECTIONS

42V-62

STA "SC" 16+95.50 TO STA. "SC" 23+85.69



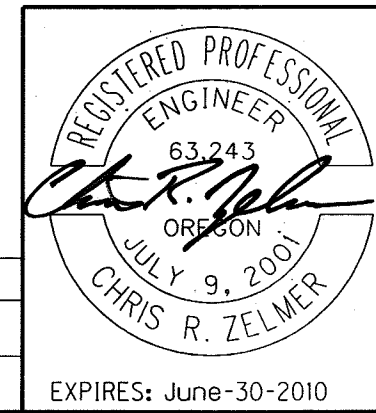
STA "SC" 21+59.72 TO STA. "SC" 23+85.69 TAPER SECTION

OREGON DEPARTMENT OF TRANSPORTATION

REGION 3 - TECHNICAL CENTER

US 101 @ CONSTITUTION WAY
OREGON COAST HIGHWAY
CURRY COUNTY

Design Team Leader - Chris Zelmer
Designed By - Bob Branch
Drafted By - David Knox



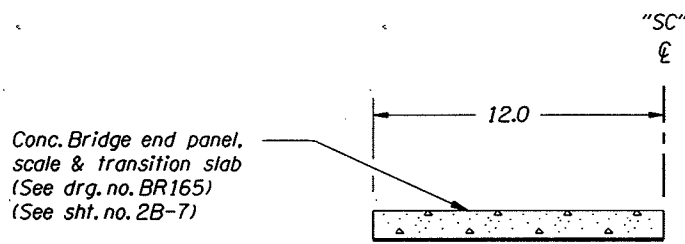
EXPIRES: June-30-2010

Rev. No.	Description	Date	By
1	Revised dimensions	4-16-09	Bob Branch

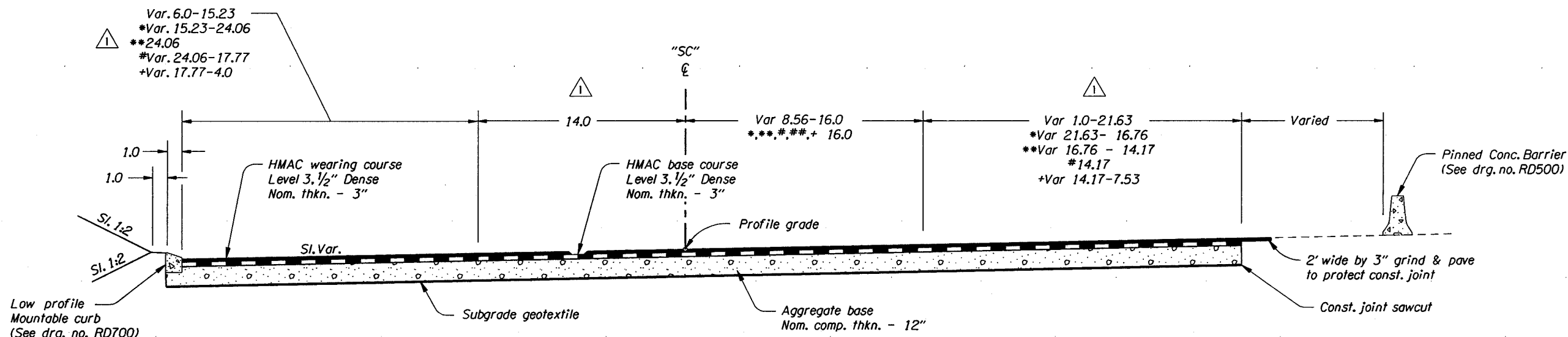
TYPICAL SECTIONS SHEET NO. 2A-7

TYPICAL SECTIONS

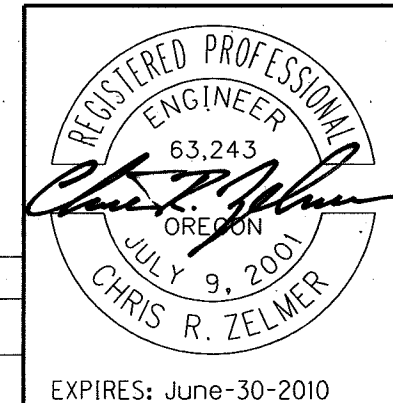
42V-62



STA. "SC" 27+49.07 TO STA. "SC" 28+33.85 (SCALE & APPROACH SLABS)



△	STA "SC" 23+85.69 TO STA "SC" 26+66.14	TAPER SECTION
*	STA "SC" 26+66.14 TO STA "SC" 27+50.93	TAPER SECTION
**	STA "SC" 27+50.93 TO STA "SC" 27+86.79	TAPER SECTION
#	STA "SC" 27+86.79 TO STA "SC" 27+96.79	TAPER SECTION
+	STA "SC" 27+96.79 TO STA "SC" 29+18.25	TAPER SECTION



OREGON DEPARTMENT OF TRANSPORTATION

REGION 3 - TECHNICAL CENTER

US 101 @ CONSTITUTION WAY
OREGON COAST HIGHWAY
CURRY COUNTY

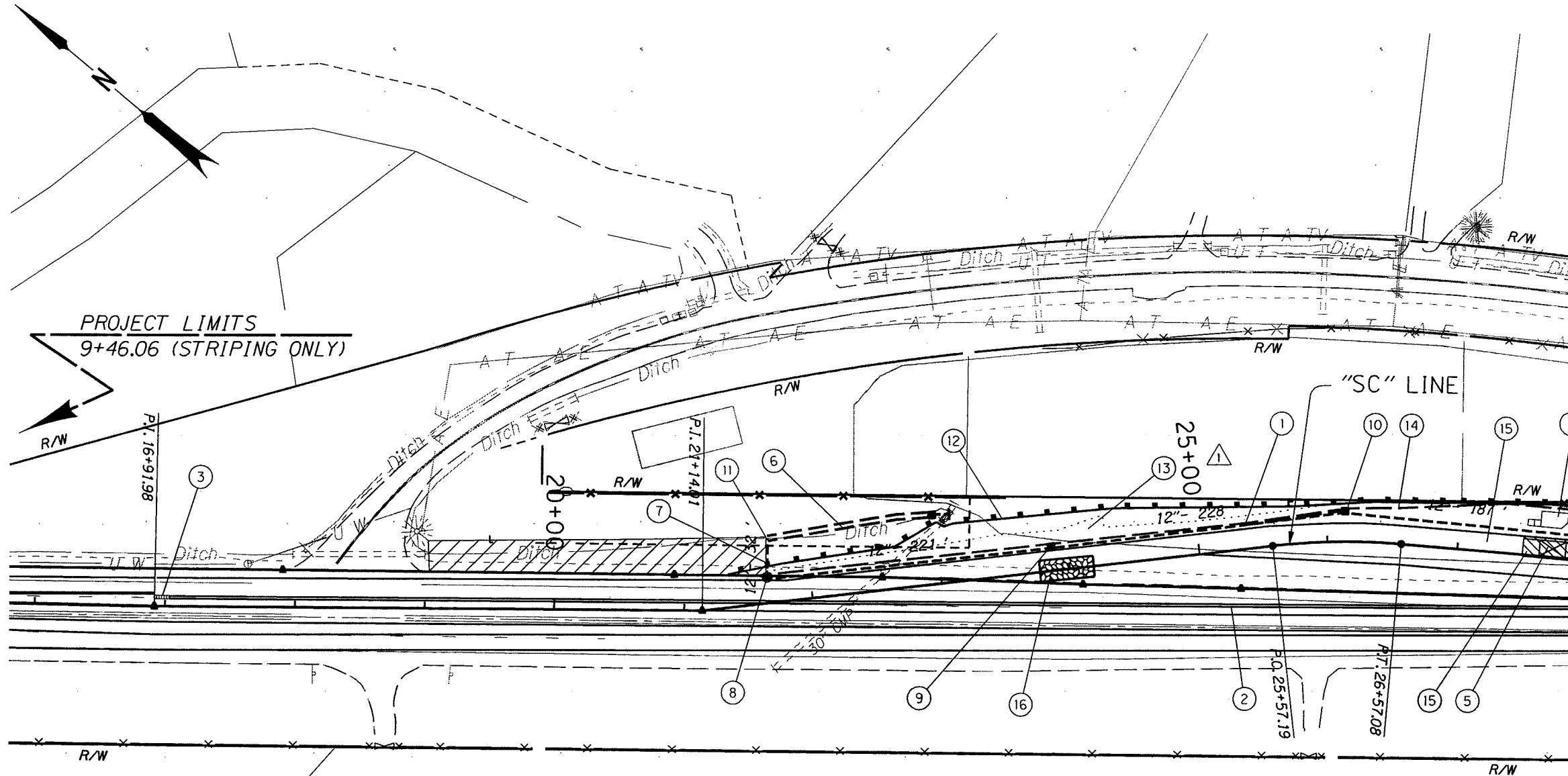
Design Team Leader - Chris Zelmer
Designed By - Bob Branch
Drafted By - David Knox

TYPICAL SECTIONS

SHEET NO. 2A-8

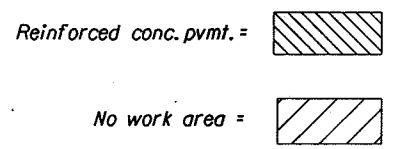
Rev. No.	Description	Date	By
△	Revised dimensions	4-16-09	Bob Branch

STRUCTURAL DETAILS CHECKED

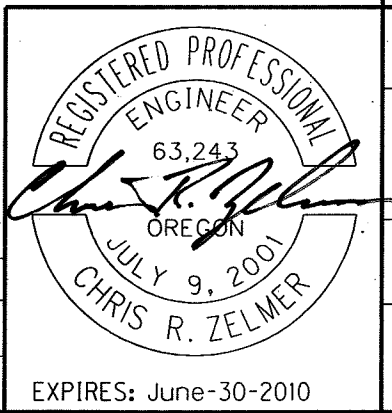


- ① Sta. "SC" 21+59.72 to Sta. "SC" 34+83.53, LT
Const. low profile mountable curb
- ② Sta. "SC" 16+92.50 to Sta. "SC" 31+76.00, LT
Const. conc. shoulder barrier - 1487.5'
(Pinned w/scuppers left open)
(See drg. nos. RD500 & RD516)
- ③ Sta. "SC" 16+80.00, LT
Const. impact attenuator
(See sht. 2B-3)
- ④ See Sht 5, note 1
- ⑤ See Sht 5, note 15
- ⑥ Sta. "SC" 21+69.73 to Sta. "SC" 23+07.00, LT
Const. ditch, inlets & pipe
6' flat bottom, 1:2 slopes
Ditch exc. - 23 cu. yd.
(For details, see sht. GJ-2)
- ⑦ Sta. "SC" 21+69.73, 49.5' LT
Inst. 12" storm sew. pipe - 32'
5' depth
Flow line elev. = 138.20
- ⑧ Sta. "SC" 21+66.00, 19.63 LT
Const. storm sewer pollution-control M.H. w/"G-2" inlet
Finish grade = 142.85
Flow line elev. = 138.50
Inst. 12" storm sew. pipe - 221'
5' depth
(See drg. nos. RD364 & RD348)
(For details, see sht. 2B)
- ⑨ Sta. "SC" 23+87.32, 18.58 LT
Const. type "G-2" inlet
Finish grade = 141.78
Flow line elev. = 139.54
Inst. 12" storm sew. pipe - 228'
10' depth

- ⑩ Sta. "SC" 26+13.54, 23.69 LT
Const. type "G-2" inlet
Finish grade = 144.98
Flow line elev. = 140.21
Inst. 12" storm sew. pipe - 187'
10' depth
- ⑪ Sta. "SC" 21+70.00, 49.52 LT
Const. paved end slope - 23 sq. ft.
- ⑫ Const. unsupported sediment fence - 1300'
(See drg. no. RD1040)
- ⑬ Seeding & mulching - 0.5 ac.
- ⑭ Sta. "SC" 27+45.00 - Sta. "SC" 28+40.00
Inst. class CL-6 fence with plastic pickets - 95'
(See drg. no. RD815)
- ⑮ See sht. 5, note 10
- ⑯ Const. aggregate construction entrance
(See drg. no. RD1000)



Rev. No.	Description	Date	By
①	Added stationing to drawing	3-25-09	Bob Branch
②	Revised note 15	4-16-09	Bob Branch



OREGON DEPARTMENT OF TRANSPORTATION

REGION 3 - TECHNICAL CENTER

US 101 @ CONSTITUTION WAY
OREGON COAST HIGHWAY
CURRY COUNTY

Design Team Leader - Chris Zelmer
Designed By - Bob Branch
Drafted By - David Knox

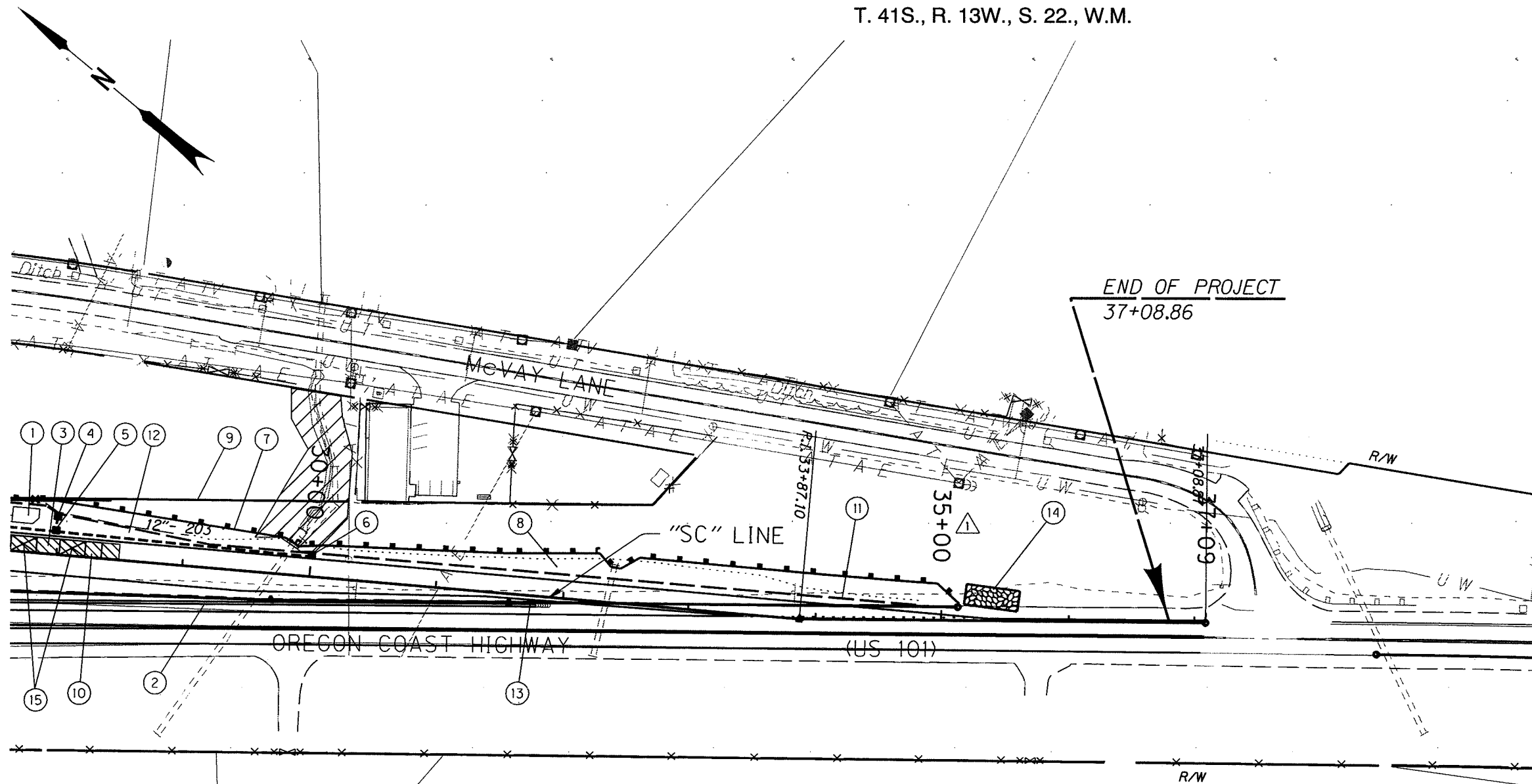
GENERAL CONSTRUCTION

SHEET NO. 4

T. 41S., R. 13W., S. 15., W.M.

T. 41S., R. 13W., S. 22., W.M.

42V-62



- ① Sta. 27+75.00
Const. scale house
(For details, see sht. 1A)
- ② See sht. 4, note 2
Const. barrier
- ③ Const. truck scale pit
Inst. 16' x 10' truck scale
(For details, see sht. 1A)
- ④ Sta. "SC" 27+98.12.LT
Const. type "G-2" inlet
Finish grade = 146.79
Flow line elev. + 143.54
Inst. 12" storm sew. pipe - 11'
5' depth
- ⑤ Sta. "SC" 27+97.31, 19.35 LT
Const. type "G-2" inlet
Finish grade = 146.68
Flow line elev. = 140.86
Inst. 12" storm sew. pipe - 203'
10' depth
- ⑥ Sta. "SC" 30+00.00.LT
Const. type "G-2" inlet
Finish grade = 146.68
Flow line = 144.21
- ⑦ See sht. 4, note 12
- ⑧ See sht. 4, note 13
- ⑨ See sht. 4, note 14

Notes:
Station & offset call outs to inlets & manholes
are to center of structure

- ⑩ Const. AC-PCC transition
(For details, see sht. 2B-7)
- ⑪ See sht. 4, note 1
- ⑫ Sta. "SC" 28+53.00
Const. over height clearance pole
(For details, see sht. 2B-8)
- ⑬ Sta. "SC" 31+76.00
Const. impact attenuator
(For details, see sht. 2B-3)
- ⑭ Const. agr. construction entrance
- ⑮ Const. Bridge end panel
(See drg. no. BR165)

Reinforced conc. pvmf. =
No work area =

Rev. No.	Description	Date	Engineer
①	Added stationing to drawing	3-25-09	Bob Branch

REGISTERED PROFESSIONAL
ENGINEER
63,243
Chris R. Zelmer
OREGON
JULY 9, 2001
CHRIS R. ZELMER

EXPIRES: June-30-2010

OREGON DEPARTMENT OF TRANSPORTATION

REGION 3 - TECHNICAL CENTER

US 101 @ CONSTITUTION WAY
OREGON COAST HIGHWAY
CURRY COUNTY

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GENERAL CONSTRUCTION

SHEET NO.
5