



# Oregon

Theodore R. Kulongoski, Governor

Department of Transportation  
Technical Services  
Roadway Engineering Section  
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Salem, OR 97301-3871  
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DATE: March 17, 2009

### Addenda No. 1

TO: PLAN HOLDERS

PREPARED BY: *Christy J. [Signature]*

APPROVED BY: *Brian L. Barath* P.E.

SUBJECT: OR138/US199: Chip Seal Section  
North Umpqua Highway – Redwood Highway  
Douglas – Josephine Counties  
Chip Seal Paving Project  
(Bids to be opened and read March 26, 2009)

### 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>
0080	TEMPORARY FLEXIBLE PAVEMENT MARKERS	114,000.00	154,000.00
0170	PRE-COATED AGGREGATE IN ASPHALT SURFACE TREATMENT	7,750.00	7,950.00
0180	AC15-5TR ASPHALT BINDER COAT IN ASPHALT SURFACE TREATMENT	1,100.00	1,410.00
0190	PG 64-22 IN PRE-COATED AGGREGATE	465.00	80.00
0200	MONO – DIRECTIONAL WHITE TYPE 1 MARKERS	3,200.00	3,320.00
0210	BI-DIRECTIONAL YELLOW TYPE 1 MARKERS	5,200.00	6,670.00
0220	THERMOPLASTIC, WET WEATHER PATTERN, EXTRUDED	546,000.00	741,040.00

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. WORK TO BE DONE page - The paragraph under WORK TO BE DONE is replaced with the following:

The Work to be done under this Contract consists of the following on the OR138/US199: Chip Seal Section of the North Umpqua and Redwood Highways from MP 4.30 to 29.00 on OR 138 and from MP 29.44 to 41.69 on US 199 in Douglas and Josephine counties:

1. Install and maintain temporary traffic control.
  2. Perform asphalt surface treatment work.
  3. Perform pavement markings work.
  4. Perform additional and incidental Work as called for by the Specifications and Plans.
2. Subsection 00220.40(e)(1) Lane Restrictions - The two bullets are replaced with the following bullet:
    - No time restrictions
  3. Subsection 00220.40(f) Maximum Lane Closures - This subsection is replaced with the following subsection:

**00220.40(f) Maximum Lane Closures** - The Contractor shall maintain one (1) open lane of travel in the eastbound direction and one (1) open lane of travel in the westbound direction for four (4) and three (3) lane sections of OR 138 during times when traffic lane closures are allowed. The Contractor shall maintain one shared lane of travel no longer than one (1) mile for two (2) lane sections of OR 138 during times when traffic lane closures are allowed.

The Contractor shall maintain one shared lane of travel no longer than 1/2 mile from MP 29.5 to 31.55 on US 199 during times when traffic lane closures are allowed. The Contractor shall maintain one shared lane of travel no longer than one (1) mile from MP 31.55 to 41.69 on US 199 during times when traffic lane closures are allowed.

4. Subsection 00225.02 General Requirements - The paragraph that begins with the words "Install a Type..." is replaced with the following:

Install a Type "W8" "PUTTING OREGON BACK TO WORK" (CG20-8S-48) sign with a "KEEPING OREGON ON THE MOVE" rider on the North Umpqua and Redwood Highways, approximately 500 feet in advance of the "ROAD WORK AHEAD" sign at each end of the Project, facing incoming traffic.

5. Subsection 00711.11 Asphalt - The test requirement table is replaced with the following table:

<b>AC15-5TR</b>	<b>Test Method</b>	<b>Min</b>	<b>Max</b>
Viscosity @ 60C, P	ODOT TM430	1500	
Kinematic Viscosity @ 135C, cSt	AASHTO T201		2000
Penetration @ 25C, 100g, 5 sec, dmm	AASHTO T49	90	140
Elastic Recovery, %	ODOT TM429	55	
Force Ductility Ratio @ 4C, 5cm/min, cm	ODOT TM 427	0.30	
Cleveland Open Cup Flash Point (C)	AASHTO T48	260	
Solubility in Trichloroethylene, %	ASTM D 2042	98	

6. Subsection 00711.21 Asphalt Distributor - The first sentence of the paragraph that begins with the words "Provide three asphalt..." is replaced with the following:

Provide two asphalt distributors designed, equipped, maintained and operated so the asphalt material may be applied uniformly at even heat, and in a continuous operation.

7. Subsection 00711.44 Application Rates - The pre-coated aggregate spread rate is replaced with the following:

Pre-coated Aggregate Spread Rate: 15 to 20 lbs/yd<sup>2</sup>

8. Subsection 00711.45 Applying Asphalt Binder Coat - The paragraph that begins with the words "Do not apply asphalt at a greater..." is replaced with the following:

Do not apply asphalt at a greater distance than can be immediately covered by aggregates. Aggregates must be placed on the asphalt within the asphalt temperature range of 130 to 180 degrees F. Cover material shall be applied immediately onto the Rubberized Asphalt Binder (RAB) after application at a rate of 15 to 20 pounds per square yard. The actual amount selected within this range will be determined in the field based on appearance of the chip seal after initial rolling.

9. Subsection 00711.46 Hauling and Spreading Aggregates - The paragraph that begins with the words "Immediately following the..." is replaced with the following:

Immediately following the application of the asphalt, cover the asphalt surface with aggregate unless otherwise authorized by the Engineer. Aggregate shall be applied at a rate of 15 to 20 lbs per square yard. The exact rate will be determined by the engineer. Maintain the rate of spread of this aggregate within 5% of specified rate.

OR138/US199: Chip Seal Section  
North Umpqua Highway – Redwood Highway  
Douglas – Josephine Counties  
Chip Seal Paving Project  
(Bids to be opened and read March 26, 2009)

Addenda No. 1

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

1. Plan sheets 1, 2, and 2B are replaced with revised plan sheets 1, 2, and 2B.

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.

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Attachments: New Bid Sheets  
Revised Plan Sheets

BID SCHEDULE

CONTRACT ID: 14002  
PROJECT KEY: 16357

PROJECT: OR138/US199: CHIP SEAL  
ADDENDUM NUMBER: 1

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

0010	0210-0100000A MOBILIZATION	LS	ALL	
0020	0225-0100000A TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS	ALL	
0030	0225-0102000J TEMPORARY SIGNS	SQFT	860.00	
0040	0225-0105000E TEMPORARY BARRICADES, TYPE III	EACH	12.00	
0050	0225-0138000E TEMPORARY IMPACT ATTENUATOR, TRUCK MOUNTED	EACH	1.00	
0060	0225-0141400E REPAIR TEMPORARY IMPACT ATTENUATOR, TRUCK MOUNTED	EACH	1.00	
0070	0225-0145000E TEMPORARY PLASTIC DRUMS	EACH	110.00	
0080	0225-0149000E TEMPORARY FLEXIBLE PAVEMENT MARKERS	EACH	154,000.00	
0090	0225-0162000E SEQUENTIAL ARROW SIGNS	EACH	4.00	
0100	0225-0164000E PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	4.00	
0110	0225-0168000T FLAGGERS	HOUR	480.00	
0120	0225-0168100T FLAGGER STATION LIGHTING	HOUR	300.00	

BID SCHEDULE

CONTRACT ID: 14002  
PROJECT KEY: 16357

PROJECT: OR138/US199: CHIP SEAL  
ADDENDUM NUMBER: 1

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0130	0225-0172000T PILOT CARS	240.00 HOUR		
0140	0280-0100000A EROSION CONTROL	ALL LS		
0150	0290-0100000A POLLUTION CONTROL PLAN	ALL LS		

SECTION 0002 ROADWORK

0160	0305-0100000A CONSTRUCTION SURVEY WORK	ALL LS		
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SECTION 0003 WEARING SURFACES

0170	0710-0100000M PRE-COATED AGGREGATE IN ASPHALT SURFACE TREATMENT	7,950.00 TON		
0180	0710-0102000M AC15-5TR ASPHALT BINDER COAT IN ASPHALT SURFACE TREATMENT	1,410.00 TON		
0190	0715-9Z90000M PG 64-22 IN PRE-COATED AGGREGATE	80.00 TON		

SECTION 0004 PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES

0200	0855-0100000E MONO-DIRECTIONAL WHITE TYPE 1 MARKERS	3,320.00 EACH		
0210	0855-0102000E BI-DIRECTIONAL YELLOW TYPE 1 MARKERS	6,670.00 EACH		
0220	0865-0114000F THERMOPLASTIC, WET WEATHER PATTERN, EXTRUDED	740,040.00 FOOT		

BID SCHEDULE

CONTRACT ID: 14002  
PROJECT KEY: 16357

PROJECT: OR138/US199: CHIP SEAL  
ADDENDUM NUMBER: 1

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0230	0867-0103000E PAVEMENT LEGEND, TYPE B: ARROWS	30.00 EACH		
0240	0867-0145000J PAVEMENT BAR, TYPE B	168.00 SQFT		
TOTAL BID				

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	Title Sheet
1A	Index Of Sheets Cont'd. & Std. Dwg. Nos.

STATE OF OREGON  
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED PROJECT  
CHIP SEAL PAVING

OR138/US199: CHIP SEAL

NORTH UMPQUA HIGHWAY - REDWOOD HIGHWAY

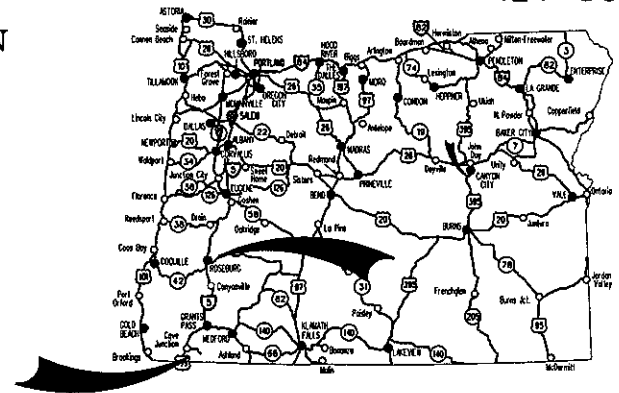
DOUGLAS - JOSEPHINE COUNTIES  
MARCH 2009

END OF PROJECT

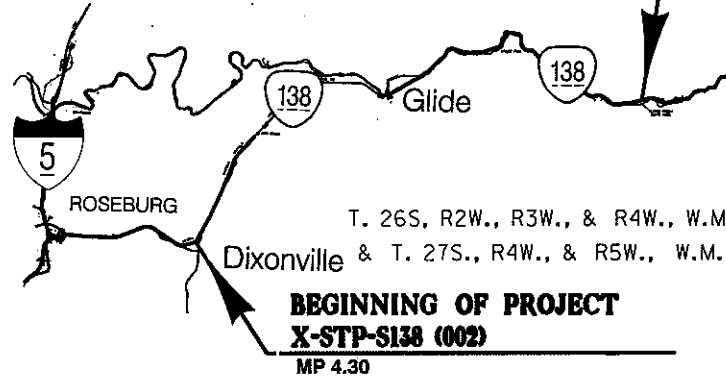
X-STP-S138 (002)

MP 29.00

42V-68



OR138: Overall Length Of Project - 24.70 Miles  
US199: Overall Length Of Project - 12.25 Miles



T. 26S., R2W., R3W., & R4W., W.M.  
& T. 27S., R4W., & R5W., W.M.

BEGINNING OF PROJECT

X-STP-S138 (002)

MP 4.30

OR 138: DIXONVILLE - M.P. 29.0



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

Approving Authority:

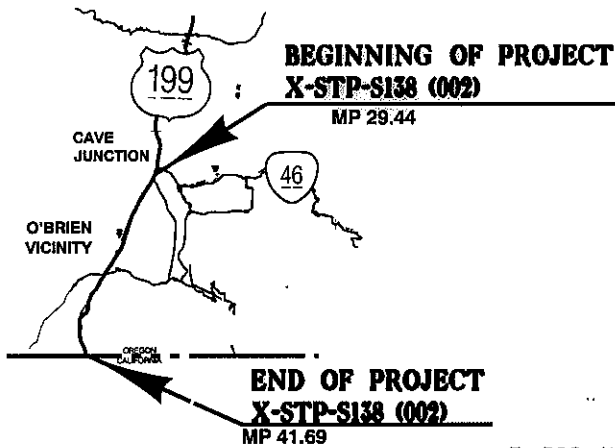
*M. Thompson*  
Signature & date 3/16/09

Mark Thompson, Rg. 3 Tech. Ctr. Mgr.  
Print name and title

*E. Johnson*  
Concurrence by ODOT Chief Engineer

OREGON TRANSPORTATION COMMISSION

- |                    |                            |
|--------------------|----------------------------|
| Gail Achterman     | CHAIR                      |
| Michael Nelson     | VICE-CHAIR                 |
| Janice Wilson      | COMMISSIONER               |
| Alan Brown         | COMMISSIONER               |
| David Lohman       | COMMISSIONER               |
| Matthew L. Garrett | DIRECTOR OF TRANSPORTATION |



BEGINNING OF PROJECT

X-STP-S138 (002)

MP 29.44

END OF PROJECT

X-STP-S138 (002)

MP 41.69

US199: E FORK ILLINOIS RIVER - CALIF. BORDER

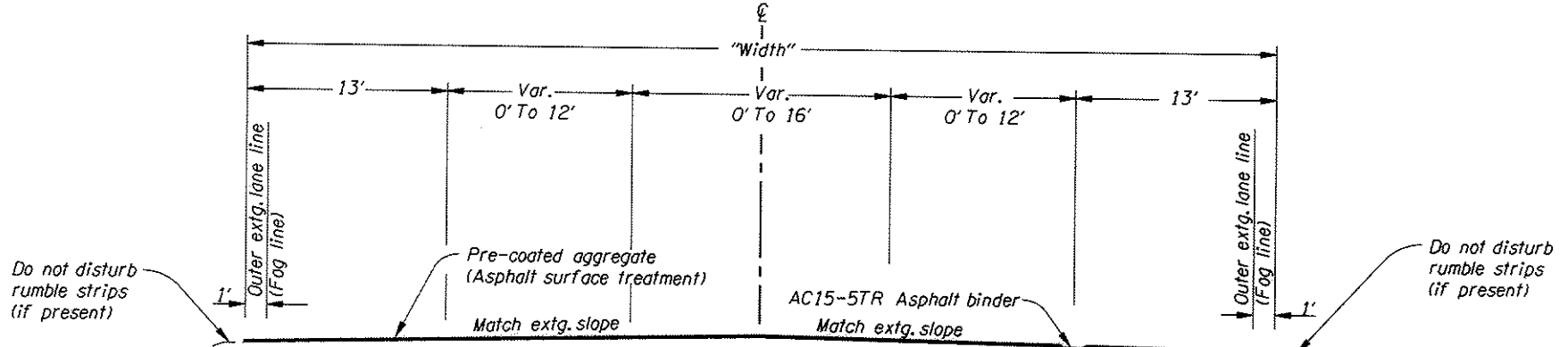
T. 39S-41S., R. 8W-9W., W.M.



**ATTENTION:**  
Oregon Law Requires You To Follow Rules Adopted By The Oregon Utility Notification Center. Those Rules Are Set Forth In OAR 952-001-0000 Through OAR 952-001-0090. You May Obtain Copies Of The Rules By Calling The Center. (Note: The Telephone Number For The Oregon Utility Center Is (503) 232-1987.)

OR138/US199: CHIP SEAL  
NORTH UMPQUA & REDWOOD HIGHWAY  
DOUGLAS & JOSEPHINE COUNTY

FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	X-STP-S138 (002)	1

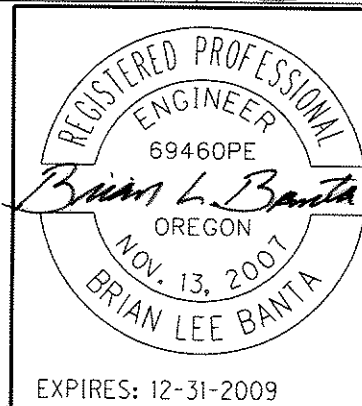


M.P. To M.P.	"Width"
4.30 To 4.45	64.0'
4.45 To 4.52	64.0' To 54.0'
4.52 To 11.57	54.0'
11.57 To 11.69	54.0' To 66.0'
11.69 To 11.86	66.0'
11.86 To 11.97	66.0' To 54.0'
11.97 To 12.81	54.0'
12.81 To 12.94	54.0' To 66.0'
12.94 To 13.09	66.0'
13.09 To 13.21	66.0' To 54.0'
13.21 To 13.89	54.0'
13.89 To 14.01	54.0' To 66.0'
14.01 To 14.17	66.0'
14.17 To 14.29	66.0' To 54.0'
14.29 To 14.65	54.0'
14.65 To 14.85	54.0' To 64.0'
14.85 To 15.04	64.0'
15.04 To 15.23	64.0' To 50.0'
15.23 To 15.32	50.0' To 26.0'
15.32 To 16.19	26.0'
16.19 To 16.23	26.0' To 40.0'
16.23 To 16.32	40.0'
16.32 To 16.34	NO WORK AREA/STRUCTURE #01623 (Little River)
16.34 To 16.36	40.0'
16.36 To 16.37	40.0' To 42.0'
16.37 To 17.67	42.0'

M.P. To M.P.	"Width"
17.67 To 17.72	42.0' To 40.0'
17.72 To 17.83	40.0'
17.83 To 17.88	40.0' To 26.0'
17.88 To 17.98	NO WORK AREA/STRUCTURE #02496 (LONE ROCK BR.)
17.98 To 22.28	26.0'
22.28 To 22.32	NO WORK AREA/STRUCTURE #07904 (ROCK CREEK)
22.32 To 25.60	26.0'
25.60 To 25.63	NO WORK AREA/STRUCTURE #19933 (HONEY CREEK)
25.63 To 28.00	26.0'
28.00 To 28.10	26.0' To 38.0'
28.10 To 28.82	38.0'
28.82 To 28.96	38.0' To 50.0'
28.96 To 29.00	50.0'

Rev. No.	Description	Date	Engineer
△ 1	Change in project limits	3-16-09	BLB
△ 2	Title change	3-16-09	BLB

Note:  
1. In no work areas noted above, apply chip seal up to existing concrete.



**OREGON DEPARTMENT OF TRANSPORTATION**

**REGION 3 - TECHNICAL CENTER**

**OR138/US199: CHIP SEAL**  
NORTH UMPQUA / REDWOOD HIGHWAY  
DOUGLAS & JOSEPHINE COUNTIES

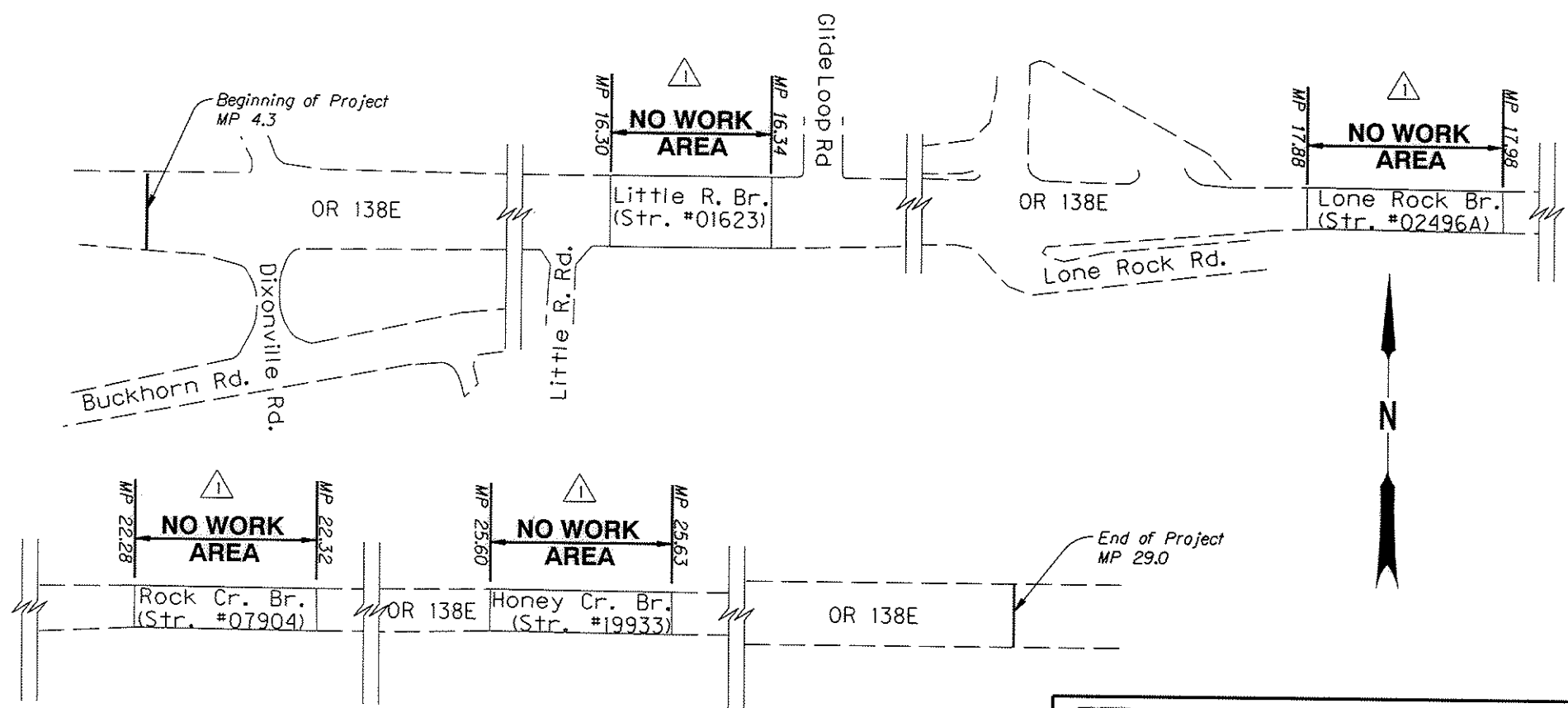
Design Team Leader - James P. Burford  
Designed By - Brian L. Banta  
Drafted By - Linda K. Coffel

**TYPICAL SECTIONS**

SHEET NO. **2**

**PROJECT LIMITS**  
**OR138E: DIXONVILLE - M.P. 29.0**

42V-68



	<b>OREGON DEPARTMENT OF TRANSPORTATION</b>
	<b>REGION 3 - TECHNICAL CENTER</b>
<b>OR138/US199: CHIP SEAL</b> NORTH UMPQUA / REDWOOD HIGHWAY DOUGLAS & JOSEPHINE COUNTIES	
Design Team Leader - James P. Burford Designed By - Brian L. Banta Drafted By - Linda K. Coffel	
<b>DETAILS</b>	SHEET NO. <b>2B</b>

REGISTERED PROFESSIONAL ENGINEER  
 69460PE  
*Brian L. Banta*  
 OREGON  
 NOV. 13, 2007  
 BRIAN LEE BANTA  
 EXPIRES: 12-31-2009

Rev. No.	Description	Date	Engineer
	Added structures/No work areas	3-16-09	<i>BLB</i>
	Title change	3-16-09	<i>BLB</i>