

I-5: Halsey to Lane County Line Section 2024 Paving Project Review

Working Together to Pave the Impossible



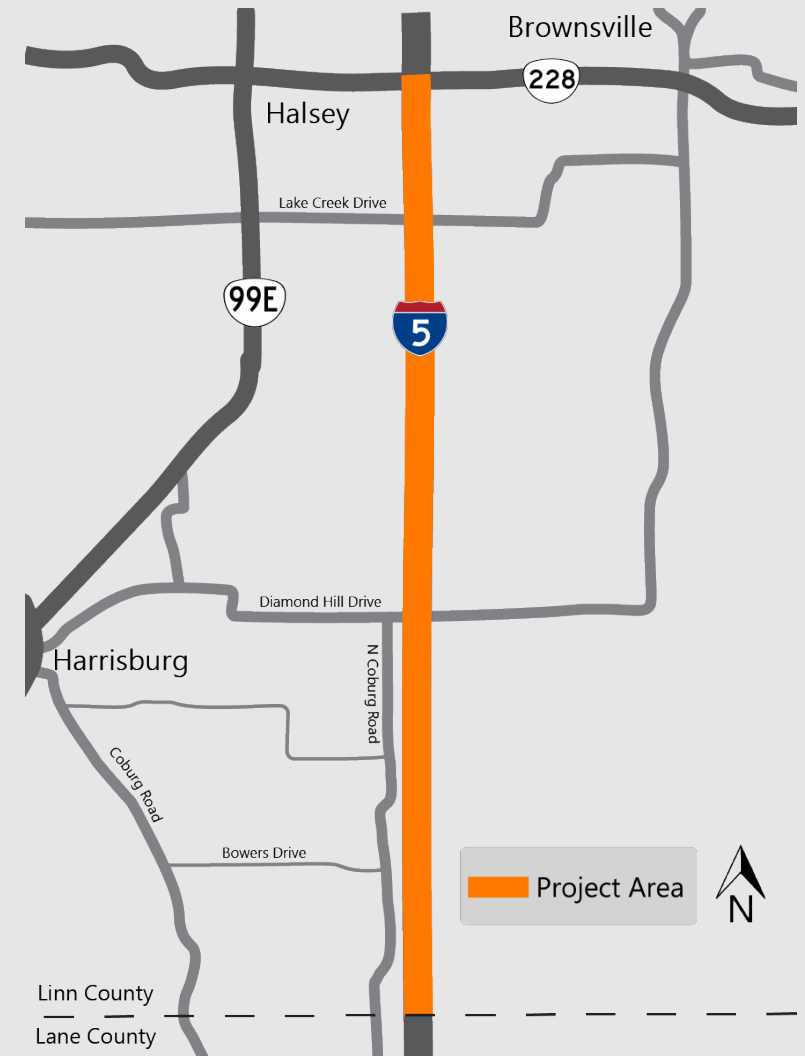
AGENDA

- 1) Location
- 2) Scope
- 3) E-Ticketing
- 4) Work Zone Safety
- 5) Construction
- 6) Results



LOCATION

- Project Length (13.3 Miles)
 - Each Direction
- Fixed Median Barrier
- Two Lanes in Each Direction
- Posted Speed of 65 MPH
- ***AAADT = 41,800 Per Day for Both NB/SB Combined***



SCOPE




- Pavement Preservation Project
- Approximately 100,000 Tons of ACP
 - 2" Grind & Inlay for A-Lane
 - 6" Grind & Inlay for B-Lane
- 305,000 SY of 2" Grinding
- 190,000 SY of 6" Grinding
- Fog Coat Shoulders
- Bridge Deck Rehab (6 Structures)
- Replace Existing Striping – 350,000 FT
- Replace Guardrail – 22,000 LF
- Installation of 180 Permanent Signs
- Reinstall ATR Loop Detection





E-TICKETING

- Quick Integration
 - Early on Setup Challenges
- Easy Field Access for Crews
- Safety

Inspector review: DOT 				Inspector review: Contractor			
Delivered				Delivered			
Field Temp	Plant Temp	Waste	Station	Field Temp	Plant Temp	Waste	Station
314.00°F	-	-	2206+75	-	-	-	-
Theoretical Maximum Density	In-Place Density			Notes			
-	-			-			
Design Thickness				Inspector			
-				James Kerr			
Width				Signed At			
-				Aug 7 2024, 8:17 AM PDT 			
Notes							
-							
Inspector		Signed At		Inspector		Signed At	
Brad Havens		Aug 7 2024, 3:39 AM PDT 		James Kerr		Aug 7 2024, 8:17 AM PDT	

2/50 Tickets

Raw Ticket Data		Weights	
Ticket	442042688	Tons	-
Ticket Status	Delivered	Gross	40.1 0.0
Date Printed	Aug 7, 2024	Net	24.21 0.0
Time Printed	3:10 AM PDT	Tare	15.89 0.0
District	-		
Supplier	RiverBend Materials		
Supplier Code	-		
Plant Name	Coburg Asphalt		
Origin Address	-		
Contract Number	C15502		
Job	ODOT - I-5 Halsey		
Job#	464958.		
Customer Name	ESC Jobs-Construction		
PO #	50.500 .		
Hauler	CPM Development Corp		
Truck	510832		
License	-		
Max GVW	40		
Received By	-		
Product Description	SP-100 1/2" 70-22 ER 30		
Product	15164559		
Product Code	-		
Material	-		
Supplier Comments	-		
Load Number	49		
Daily Total	1140.29		
Phase	50.500 .		
Phase Description	-		
Load	49		
Weighmaster	Josh Stanwood		
Deputy	-		

WORK ZONE SAFETY

- Crossover – *Preferred, But Not Feasible*
- Work Zone Presence Lighting
- Field Modifications
 - Additional Signs
 - Barrels to Cones in Tangents
- Speed Reduction
- Smart Work Zone System
 - 1 Hour Additional Closure Time
- Oregon State Police Presence





CONSTRUCTION



CONSTRUCTION



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- Allowed Lane Times: 7:00 PM – 5:30 AM, Sunday Night thru Friday Morning
- Couldn't keep lane closed
- Lip must be paved back by end of each work week

CONSTRUCTION

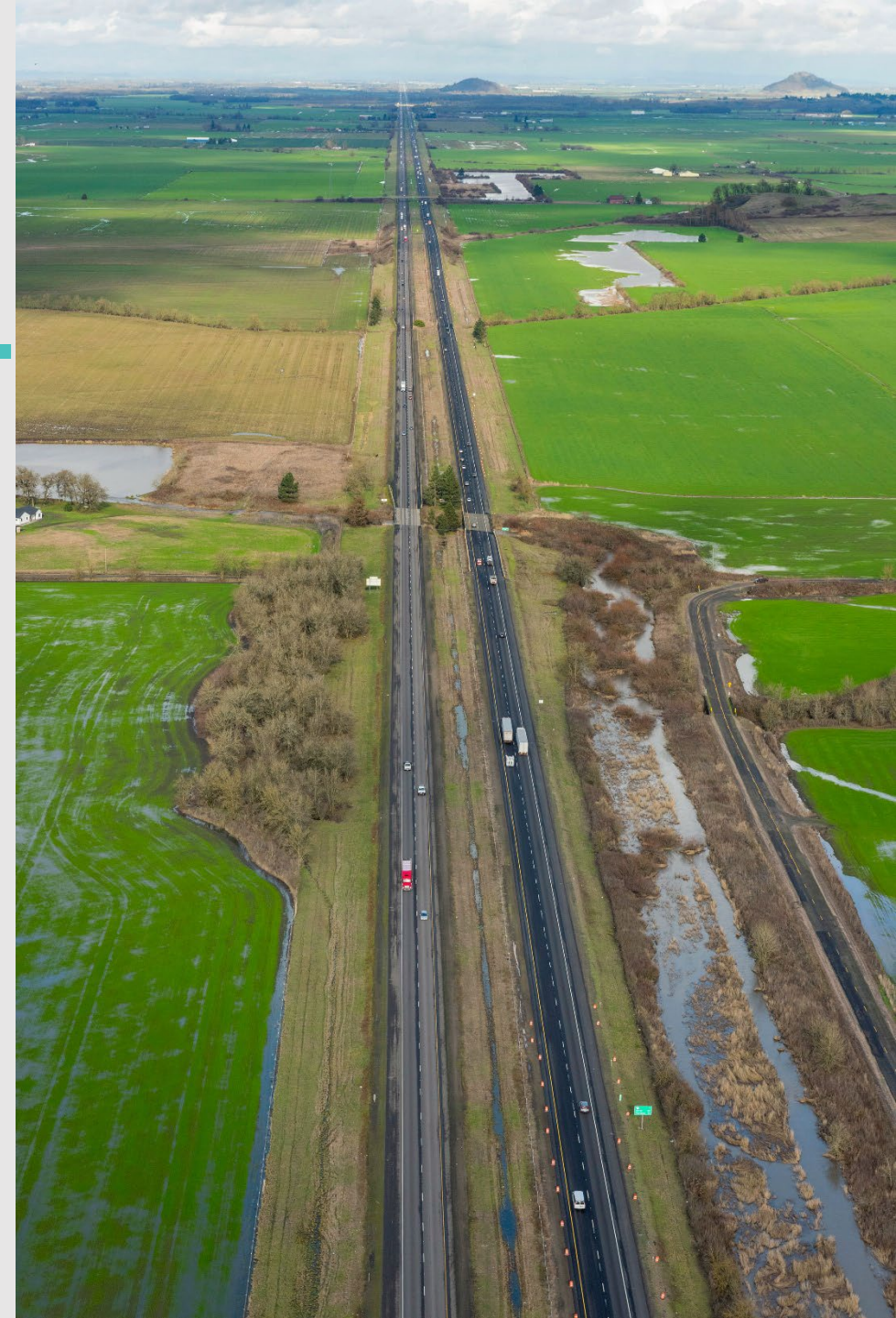
CONSTRUCTION – 2” Lip Left Open to Traffic

- **PRODUCTION (INCREASED!)**
 - Major cost savings
 - 40% Increase in Production
 - Less traffic control
- **QUALITY (INCREASED!)**
 - Fewer Joints
 - Smoother Ride
 - Average IRI 30



RESULTS

- Traffic Moved Smoothly Through the Project
- No Complaints Received Regarding 2" Lip
- No Traffic Related Issues with 2" Lip
- Accomplished Paving Goals Utilizing 2" Lip
- *Planning, Open Communication, and Teamwork Were Critical For Success!*



QUESTIONS?

