



ODOT Work Zone Project Coordination

FHWA Webinar September 24, 2012

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Oregon Department of Transportation





Presentation Overview

- Background of ODOT Region 1 Construction
 Coordination Team and Purpose
- ODOT Regions & Critical Route Pairs
- Region Mobility Schedule
- Region 1 and 2 Recommended Delay Thresholds for Coastal Highways
- Example: Region 1 & 2 Coastal Corridor Coordination
- Questions and Feedback





Background

Who's Working on Work Zone Coordination/Mobility?

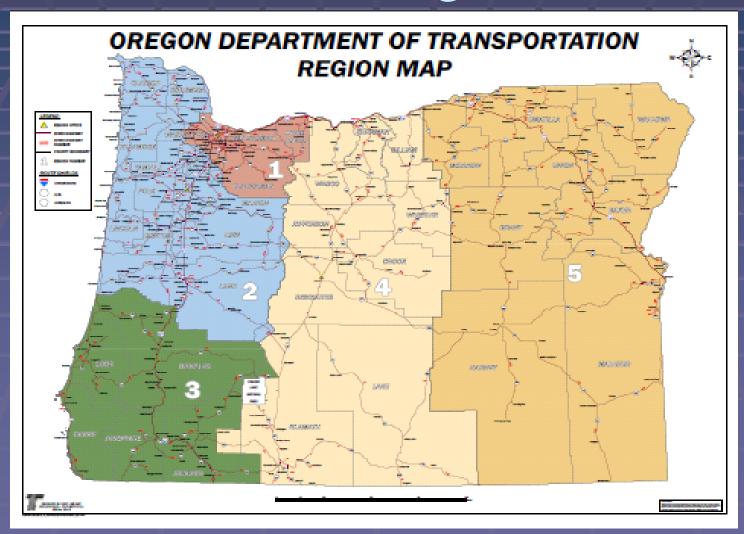
Region 1 Construction Coordination Team

- Construction Engineer (Lead)
- Region Mobility/Construction Liaison
- Area Managers
- Maintenance District Managers
- Community Affairs Manager & Staff
- Traffic Management Operations Center Manager & Staff
- Project Managers
- Traffic Manager & Staff
- Project Delivery Manager





ODOT Regions







ODOT Region 1







Critical Route Pairs

Coordinate work affecting critical route pairs to maintain unrestricted freight routes

OR212, US26, US97 between Washington and California







Critical Route Pairs

OTIA III State Bridge Delivery Program Management & Design

Corridor-Level
Traffic Management Plan (TMP)

I-5 North/OR 58 Corridor Washington State Line to US 97 (Chemult, OR)







Critical Route Pairs

Coordinate work affecting critical route pairs to maintain unrestricted freight routes

East-West Corridor

Interstate 84 paired with: 20 20 26 27 20 78 95 OR212, US26, US20, OR78, US95 between Portland and Ontario







Critical Route Pairs

OTIA III State Bridge Delivery Program Management & Design

Corridor-Level
Traffic Management Plan (TMP)

I-84 Corridor
I-5 (Portland, OR) to
Idaho State Line







Critical Route Pairs

OTIA III State Bridge Delivery Program Management & Design

Corridor-Level
Traffic Management Plan (TMP)

US 26/US 97 Corridor I-205 (Clackamas) to California State Line







Critical Route Pairs

Coordinate work affecting critical route pairs to maintain unrestricted freight routes

East-West

US30 paired with: 26

US26 between Portland and the Coast







Critical Route Pairs

OTIA III State Bridge Delivery Program

Oregon Department of Transportation
OTIA III State Bridge Delivery Program

Corridor-Level Traffic Management Plan (TMP): Coastal Network







Region Mobility Schedule

			Region Mobility So	chedule					
D	Key No.	Contract No	, Task Name	Mile Post Begin	Mile Post End	PM	Start	Finish	Qtr 2, 20 Apr
1	2	0	I-5 Projects	283.21	306.73		Thu 5/6/10	Fri 6/28/13	700
2	14949	14225	I-5: Iowa Viaduct	298.09	298.39	Statler	Thu 5/6/10	Fri 6/28/13	
3	15140	14304	I-5: Holladay-Marguam & I-405: Fremont Bridge	300.92	301.98	Beeson	Thu 2/10/11	Thu 9/27/12	
4	13110	11301	1 3. Holladdy Franqualit & 2 103. Frantisch Bridge	500.52					
5	6	0	I-84 Projects	5.5	5.5 82.08		Wed 2/24/10	Mon 11/30/15	
6	14032	14165	Bundle 210 - Sandy River Bridge EB/WB	17.68	17.68	OBDP - Barnha	Wed 2/24/10	Fri 11/29/13	3
7	11017	14401	HCRH State Trail: JB Yeon - Moffett Creek	37.52	39.02	Beeson	Thu 10/27/11	Fri 10/18/13	3
8	17168	0	I-84: Bridge Deck Overlays	35.06	42.05	Beeson	Thu 10/18/12	Mon 9/30/13	3
9	16267	0	I-84: MLK Blvd I205	0.40	5.60	Earlywine	Thu 11/8/12	Fri 5/31/13	3
10	16846	0	I-84 FB to I-205 NB Aux Lane	5.5	6.6	Frietag	Thu 3/7/13	Wed 5/28/14	1
11	17541	0	I-84 at Troutdale Interchange	16.58	17.35	Beeson	Thu 11/14/13	Mon 11/30/15	5
12	27.512		a o r de riodicio a manage						
13	6	0	US26 (East) Projects (Route Exceptions Reg'd)	3.52	40.01		Thu 10/6/11	Thu 8/22/13	1
14	17483	14393	US26: MP 22.5 - Luzon Ln.	22.5	26.33	Beeson	Thu 10/6/11	Thu 10/11/12	2
15	13717	0	US26: MP 49.60 - MP 50.00 (Rockfall)	49.20	50.00	Statler	Thu 5/10/12	Wed 11/28/12	2
16	15051	0	US26: SE 122nd - SE 136th	7.21	7.0	Beeson	Thu 7/26/12	Tue 11/13/12	2
17	15773	0	US26: Springwater Intersection	16.24	16.24	Beeson	Thu 11/1/12	Wed 7/31/13	3
18	1504713717	0	US26: MP 49.20 - MP 57.45 (Pavement Preservation)	49.20	57.45		Thu 8/22/13	Thu 8/22/13	3
19	15052/13717	0	US26: MP 49.20 - MP 51.00 (Downhill passing lane/met	49.20	51.00		Thu 8/22/13	Thu 8/22/13	3
20	15052/15/1/		ODEOL I II I JAILO (DOLLINIA PARENTS INTENTION						1
21	7	0	US26 (West) Projects	24.13	67.0		Wed 5/12/10	Wed 12/31/14	l.
22	14070	14228	US26: 185th - Cornell Rd.	64.30	67.0	Larson	Wed 5/12/10	Thu 6/28/12	2
23	16141	14429	US26: Sylvan - I405	71.53	73.94	Statler	Thu 3/29/12	Fri 5/31/13	3
24	14838	14459	US26: West Fork Dairy Creek Bridge #02673	46.2	46.4	Larson	Thu 5/17/12	Wed 7/11/12	2
25	16842	0	US26: Shute Interchange	61.07	61.07	Larson	Thu 3/8/12	Thu 12/26/13	3
26	12885	0	US26: Glencoe Road Interchange	56.94	57.22	Larson	Thu 4/12/12	Wed 12/31/14	1
27	17991	0	US26 (SW Kelly Ave): Ross Island Br - OR99W (Naito Pl		0.31	Earlywine	Tue 10/16/12	Fri 6/28/13	3
28	16137	0	US26: Jefferson St - Highland Interchange		73.31	Statler	Thu 3/28/13	Thu 10/31/13	3
29	10157		Obeot Scholbon of Thighland Interesting						
30	2	0	I-205 Projects	0	27.18		Thu 2/9/12	Mon 4/28/14	L .
31	16847	14417	I-205: SE Foster Rd - SE 82nd Drive	15.87	17.80	Earlywine	Thu 2/9/12	Wed 10/31/12	2
32	14856	0	I-205 @ NE Airport Way Interchange	24.65	24.65	Freitag	Thu 7/18/13	Mon 4/28/14	1
33									
34	1	0	US30 (East) Projects	9.0			Thu 5/24/12	Thu 10/31/13	
35	15068	14471	US30B: NE 122nd Ave MP 13.54	12.0	13.0	Beeson	Thu 5/24/12	Thu 10/31/13	3
36									
37	4	0	US30 (West) Projects	1.93			Thu 1/6/11	Mon 9/30/13	
38		0	Lewis and Clark (Longview) Bridge	48.68 46.62			Thu 1/6/11	Fri 1/4/13	
39	11196	0	US30: "B" Street Bike/Ped Path			Weatherford	Thu 3/22/12	Wed 12/26/12	
40	16151	0	Lower Columbia River @ Cornelius Pass Rd.	13.05		Larson	Thu 8/9/12	Wed 7/31/13	
41	17566	0	US30: McNamee Rd MP 17.93	13.03	17.93	Larson	Thu 9/13/12	Mon 9/30/13	3
42							The second secon		
43	6	0	OR99 (West) Projects	7.0	10.8		Thu 1/6/11	Tue 12/31/13	5





Region 1 and 2 Recommended Delay Thresholds for Coastal Highways

Highway	Segment Boundaries	Region	Length (miles)	Delay Threshold (minutes)
US26 (West)	US 101 to OR 6 (Seaside/Cannon Beach to North Plains)	2	53	37
US26 (West)	OR 6 to I-405 (North Plains to Portland)	1	21	36
		Total for U	US26 (West)	73
US30 (West)	I-405 (Portland) to Columbia City NCL	11	31	22
US30 (West)	Columbia City to US 101 (Astoria)	2	67	36
		Total for U	US30 (West)	58
US101 (Oregon Coast Highway)	US30 to US26 (Astoria to Seaside/Cannon Beach)	2	21	40
OR 6 (Wilson River Highway)	US101 to US26 (Tillamook to North Plains)	2	52	40





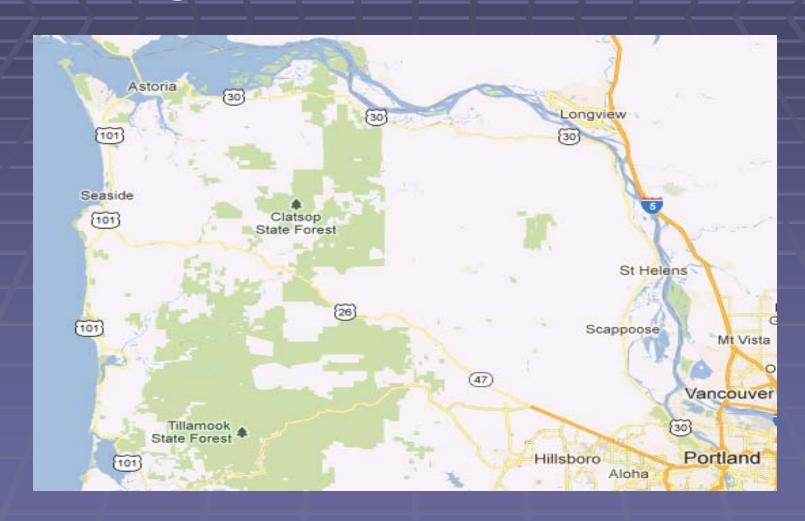
Region 1 and 2 Coordination

16 Mobility Study - NorthWestern Oregon and Coastal (as of 9/16/2009) Ref 9/16/2009 Ref 19/16/2009) Ref 19/16/2009 Ref 19/16/2	_					Region Mozelly Sch						
16 Mobility Study - NorthWestern Oregon and Coastal (28 of 97.05.(2000) Feb of 97.05. Study Frederick - (6 - Projects as of 4/28/2000) 2.24 67.8 The 3/4/20 Re-5/070 West 12/20 Re-5/070 Re-5/070 West 12/20 Re-5/070 Re-5/070 Re-5/070 West 12/20 Re-5/070 Re-5/07	Ι	Ray No.	Task Yane	Wile Po	d Me Pod Fret	29	Bid Cale	Construction Start	Finish	Restrictor (Figure)	Delay (Minutes)	2006
16550 USSE Staley's Junction Variable Speed Signs		16					Pri 4/10/09	82.	Wied 5/30/12			
18500 1850		7	US36 (West) Projects - (6- Projects as of 4/28/2010)	2.24	67.0		Thu 3/4/30	NA.	Wed 11/30/11		75-Winute Threshold	
Section Sect	l	16750	US26: Staley's Junction Variable Speed Signs	45.3	45.75	Larson	Thu 34/30	Blac 51710	Wed 120/00	Six. Internitient.	Less than 1-minute	
15232 Bundle St.I - US26: East Fork Diary Creek Bridge #02366 54.5 54.7 0809 - Christmann Thu-4;12;10 Mr. Billed 12;25;11 Mr. Strand Laws to gooding depths as the fundamental laws to good laws to good laws to good laws to gooding depths as the fundamental laws to good law	ł	14070	185th - Comell Rd.	61.30	67.0	Larson	The 4/15/10	Tuestons	Fe 9/30(11)	NA-NET Travel Laws Slights, Interestical rightline lane and ramp discuss.	Loss than Solicite	
15146 US26: Military Cr Salmonthemy - Wolf Cr. Sec. 26.0 27.0 Largon Thu (1019) Ser (2019) Ser (2015) 1. Mr. Strong Captive law for favor sales and ductions and ductions also favor favor facilities. 129 Largon Fe (2019) Ser (201	Ì	15302	Bundle St.1 - US26: McKay Creek Bridge #182865	57.8	57.9	060P - Christiansen	Thu 4(33/10	Tue 7610	Wed 10/25/11	Material sile direction or temporary bridge during construction.	Less than 1-minute	
15:83 USSE: William Cr. Br. & Johnson Cr. Br. 11:948 Dennis L. Edwards Turnel 40:5 41.3 Longon Francisco Was 10011 Was 100111 Stage and ductional State States and A 12:00 Projects (Fall Retrofit) 14:95 Quartz Creek (Fall Retrofit) 3 USSE (West) Projects - (1 - Projects as of 4/28/2018) 15:45 57:47 Tax 6/20/88 As Fit 8/13/91 March 8/13/91 States and A 12:00 Projects - (1 - Projects as of 4/28/2018) 15:50 USSO (West) Projects - (1 - Projects as of 4/28/2018) 15:50 USSO (West) Projects - (1 - Projects as of 4/28/2018) 15:50 USSO (West) Projects - (1 - Projects as of 4/28/2018) 15:50 USSO: Sweddown Road - Xxt. OR-47 State St.X2 Distance The 4/28/20 Tax 10:00 Tax 20:01 Fragility States are distance. 15:50 USSO: Sweddown Road - Xxt. OR-47 State St.X2 Distance The 4/28/20 Tax 10:00 Tax 20:01 Fragility States are distance. 15:50 USSO: Sweddown Road - Xxt. OR-47 State St.X2 Distance The 4/28/20 Tax 10:00 Tax 20:01 Fragility States are distance. 15:50 USSO: Sweddown Road - Xxt. OR-47 State St.X2 Distance The 4/28/20 Tax 10:00 Tax 20:01 Fragility States are distance. 15:50 USSO: Sweddown Road - Xxt. OR-47 State St.X2 Distance The 4/28/20 Tax 10:00 Tax 20:01 Fragility States are distance. 15:50 USSO: Sweddown Road - Xxt. OR-47 State St.X2 Distance The 4/28/20 Tax 10:00 Tax 20:01 Fragility States are distance. 15:50 USSO: Sweddown Road - Xxt. OR-47 States St.X2 Distance The 4/28/20 Tax 10:00 Tax 20:01 Fragility States are distance. 15:50 USSO: Sweddown Road - Xxt. OR-47 States Tax 20:00 Tax 20:01 Fragility States Tax 20:00 Tax 20:01 Tax 2	1	15232	Bundle St.1 - US26: East Fork Diary Creek Bridge #02966	54.6	54.7	060P - Oristiansen	Thu 4/33/10	765	Red 10/25/11	Material will are diversion or temporary bridge during construction.	Less-tren 1-minute	
1948 Dennis L. Edwards Turned 44.5 41.3 Lurson Ferrodris Sherical State Sheri	1	15046	US26: Military Cr Salmonberry - Wolf Cr. Sec.	26.0	37.0	Larson	Thu 5/10/10	Wer 8019	Set 10(15/11	14-15 Travel Lines for paving, displine lane dissures with flaggers and short-term dalays.	Less tran 5-minutes	
14796 Quartz Creek (Rail Retrotity) 14.13 24.13 Lurson Thu 122/20 Tax 27171 Med 8/37/11 Rejection and the set of take of of t	1	15183	US25: Violimer Cr Br & Johnson Cr Br	224	127	Direleser	Fe 50410	No Mari	Mac 10/21/11	Single-lane Cocures wC4 hour flegging		
3 US30 (West) Projects - (2 - Projects as of 4/28/2018) SL6 ST.87 Twe-5/2009 No. 5/15/201 US30 (9 Hav/lik Drive St.50) St.6 ST.87 Subsets No. 5/15/2009 No. 5/15/20 Projects - (3 - Projects as of 4/28/2018) ST.87 Subsets No. 5/15/20 Twe-5/200 Twe-5/200 Twe-5/200 Twe-5/200 Twe-5/200 Twe-5/200 Steps No. 5/15/20 Steps No. 5/15/20 Steps No. 5/15/20 Twe-5/200 Twe-5/200 Twe-5/200 Twe-5/200 Twe-5/200 Steps No. 5/15/20 Steps No. 5/15/20 Steps No. 5/15/200	1	11548	Dennis L. Edwards Tunnel	403	41.3	Larson	Fe misht	No.1511	West Tributt	Broday Transley Nigratine clasures 870 - SAU Ending May 21, 2011	Insertine for Selucin	
13575 US30 @ Havrik Drive	1	14796	Quartz Creek (Rail Retroft)	24.13	24.38	Larson	The 12/2/10	Tax 2001	Wed 8(31)(1)	holds high time, height subject to 14. Takes	Taries	
14/46 John Day River Bridge - 33rd Street (Astoria) 5/2 5/27 Soliciosis Re-4/2/20 Tur 19/10 Tur 6/30/11 Single line Rightline lane decision Less for 15-enhales 15/20 US30: Swedetcown Road - 3ct. 08-47 Rel 6/15 Christiansen Tur (1/4/10 Tur 20/11 Friston Single lane Rightline lane decision Less for 15-enhales 1 US301 (Oregon Caset) Projects - (1 Projects as of 2/16/2010) 66.13 81.82 Pri 4/10/09 Rel Sun 36/30/30 46-86-ade Threshold 1 S201 US301-128 Street (Tillamook) - Farmer Cr Rid 66.15 80.52 Christiansen River) Projects - (1 - Projects as of 4/28/2010) 1.00 31.4 Threshold Rel Tillamook Sun 30/31/10 Rel 6/5/11 Rel 6/5	1	3	US30 (West) Projects - (1 - Projects as of 4/28/2018)	19.6	97.67		Tue-6/23/09		Pri 9/30/11		SI-Minute Threshold	
15530 US30: Swedstown Road - 3ct. OR-47 RIB 61.76 Chedianum Thu 129:00 Tie 20:11 FristOff Suple law Algebra law discuss Linu that 5-minutes 1 US301 (Oregon Coast) Projects - (1 Projects as of 2/16/20:10) 66.13 82.82 Fri 4/10/09 RA Sun 10/10/100 15201 US301-12th Street (Tillamook) - Farmer Cr Rd 66.23 82.82 Chedianum Fri 4/10/08 Mor 6/1/09 Sun 10/10/10 1 ORS (William River) Projects - (1 - Projects as of 4/28/20:10) 1.00 32.4 Thu 6/24/10 RA Toe 4/5/11 Re 4/5/1		13575	US30 @ Havlik Drive	1945	29.5	Fretag	Tue 6/23/09	Mon 9/17/09	FH 13(1)/10	Internitied Right-lane clasures	N/A	
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15201 USS81:12th Street (Tillamook) - Farmer Cr Rd 6525 EUS2 Chestiansen 6440005 Mor 5(1/65 Sun 10/31/10 Lass from Observation 1 ORS (Wilson River) Projects - (1 - Projects as of 4/28/2010) 1.00 31.4 The 6/04/10 MA Tas 4/5/11 64-8/mile Throshold 16301 Bundle St0 - ORS: Devil's Lake Bridge #00472 @ MP 32.0 32.4 32.4 080P - Marcell* The 5/04/10 Mon 9/13/10 Tas 4/5/11 This project is in the Conductor place. 3: Less from 3-visuales will restrict the conductor place in the Conductor place place in the Conductor place in the Conductor place	٦	15530	US30: Swedetown Road - Jct. OR-47	10.00	61.76	Christiansen	T≈ 129/30	Tue 3/1/11	F199011	Steple lane Hightlinne lane dosures	Ges that 3-minutes	
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16301 Bundle StID - OR6: Devil's Lake Bridge #02472 @ MP 32.0 32.4 32.4 080P - Marcell Thu \$(24):01 Mon.9(13):01 Toe-4(5):11 This project is in the Construction Switches and	1	15201	USARt-12th Street (Tillamook) - Farmer Cr Rd	16.23	82.82	Ohtstiansen	Fet 4/10(405	Wor 6/1/89	San 70/31/10		Les ten Ti-nintes	
will restrict technical cleanance to 14° topold larnes the only differentiating one-way traffic with flagging 2477 until completion.	٦	1	ORS (Wilson River) Projects - (1 - Projects as of 4/25/2010)	1.00	324		Thu 6/34/10	BA.	Tue 4/5/11		45-Winute Threshold	
1 0R202 (Nethaliem Play) Projects - (1 Project as of 2/106/2018) 43.6 43.8 Thu 3/11/18 MA Wed 5/39/12		16300	Bundle 518 - ORis: Dewl's Lake Bridge #02472 @ MP 32.8	32.6	32.4	080P - Marcelf	Thu \$(24)3	Mon 9/13/10	Tue-4/5/11	will retard teriorital disease to 14 tools large for two way alternative one-way traffic.		
	1	1	OR202 (Nehalem Hwy) Projects - (1 Project as of 2/16/2018)	43.6	4E.3		The 3/21/10	80.	Wed 5/38/12			





Region 1 and 2 Coordination







Lessons Learned

- Safety improvement for motorists and construction worksite
- Minimize Delay and inconvenience
- Keep people and commerce moving
- Optimize traffic movement





References

- Corridor –Level Traffic Management Plan (TMP) I-5 North/OR58 Corridor Washington State Line to US 97 (Chemult, OR), Oregon Bridge Delivery Partners, December 29, 2005
- Corridor –Level Traffic Management Plan (TMP) US 26/US 97 Corridor I-205 (Clackamas) to California State Line, Oregon Bridge Delivery Partners, December 29, 2005
- Corridor Level Traffic Management Plan (TMP) I-84 Corridor I-5 (Portland, OR) to Idaho State Line, Oregon Bridge Delivery Partners, December 29, 2005
- Work Zone Traffic Analysis Tool, Oregon Bridge Delivery Partners, http://www.oregon.gov/ODOT/HWY/TRAFFIC-ROADWAY/docs/pdf/wzta_manual.pdf
- Tony Coleman, Region 1 Freight Mobility/Construction Liaison 123 NW Flanders St., Portland, OR 97209

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Questions and Feedback?