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Piloting Portland's MultiModal Arterial Performance System

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Piloting Portland's Multi-Modal Arterial Performance System

November 22, 2013

































Intersection Count Data View Volume Logs For 10 - U526 @ 185th 24 - 185th @ Cornell	MODEL 2070 BRIDAT FLAVEL
Print Volumes Display Graph Enter Date 10/25/2011 Enter Stat Time 16:00 Enter End Time 17:00	
NDRTHWEST SIGNAL Volume Logs For - 10 - US26 @ 189th 24 - 189th @ Cornell Tuesday, September 24, 2013 12.27 Number of Records 4 Sample Period (mn.) 15 Date Tuesday, Dotober 25, 2011 Sample Period (mn.) 15 Date Tuesday, Dotober 25, 2011 Sample Period (mn.) 15 Obtector 1 2 3 4 5 6 7 8 Volume 114 122 132 205 190 270 Detector 9 10 11 1 3 14 15 16 Volume 104 12 13 14 15 16 57 85 Detector 9 10 11 13 14 15 16 Volume 407 99 747 10 385 573 255 252 24 274 235 315 24 Volume 80 455 533 1 <th>Dates of Stored Volume Logs 10/27/11 10/26/11 10/26/11 10/24/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 05/30/11 05/30/11 05/28/11 05/28/11 05/28/11</th>	Dates of Stored Volume Logs 10/27/11 10/26/11 10/26/11 10/24/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 10/22/11 05/30/11 05/30/11 05/28/11 05/28/11 05/28/11











ļ	Probe	Data	→ 24/7				_
		Dre-			Eastbound		
		SCATS Plan	Periods	Buffer IndexBefore ¹	Buffer IndexAfter ¹	∆ in Buffer Index	
			Weekdays				
- to a		Free	12:00 AM – 6:30 AM	46%	42%	-4%	_
		Coord	6:30 AM - 9:00 AM	39%	43%	4%	
		Coord	9:00 AM - 3:00 PM	41%	44%	3%	
	Travel Tim (seconds)	Coord	3:00 PM - 6:30 PM	70%	55%	-15%	
-		Coord	6:30 PM - 8:30 PM	36%	37%	1%	
		Free	8:30 PM – 11:59 PM	35%	31%	-4%	
			24 Hour Average	63%	54%	-9%	
		Saturdays					
		Free	12:00 AM - 9:00 AM	34%	38%	4%	PM
		Coord	9:00 AM - 7:30 PM	32%	35%	3%	
		Free	7:30 PM - 11:59 PM	32%	32%	0%	_
	KITTELS		24 Hour Average	37%	39%	2%	

















Summary Arterial Performance Measures

> Transit

 On-Time Performance, Ons/Offs, Travel Time, # of TSP requests

> Pedestian

 Number of ped phases served, Transit Ons/Offs, ped delay

> Bicycle

 Number of bikes, bicycle delay (if own detector input)



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