

Appendix N. Traffic Signals Design Standards Data

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Traffic Signal Ownership and Approvals

Location Number	Location	Signals	I-5 Ramp Terminal	On Proposed Structure	Ownership *		Maintenance / Operation *		Approvals Needed							Special Design Elements					
					Current	Future	Current	Future	ODOT/PBOT	ODOT STRE **	ODOT State Traffic Signal Engineer	Other ODOT	PBOT	Portland Streetcar	TriMet	Bike Signal	Green Paint	Bike box	Two-Stage Bike Turn Box	Transit Priority	
	<i>All</i>								<i>Design Operations</i>			<i>Specs LPIF</i>									
1	Hancock & Williams	New signal	-	-	-	PBOT	-	PBOT					Signal installation				Yes	Yes	No	No	-
2	Broadway & Vancouver & I-5 SB exit ramp	Replace exist. signal	Yes	-	ODOT	ODOT	PBOT	PBOT		Signal replacement	Plans SP		Signal replacement	Modifications			Yes	Yes	Yes	Yes	Add (SC and Buses)
3	Broadway & Williams & I-5 NB entrance ramp	Replace exist. signal	Yes	Yes	PBOT	ODOT	PBOT	PBOT	IGA for signal on structure	Signal replacement	Plans SP		Signal replacement	Modifications			Yes	Yes	Yes	No	Add (SC and Buses)
4	Broadway & Victoria	Replace exist. signal	-	-	PBOT	PBOT	PBOT	PBOT					Signal replacement	Modifications			Yes	Yes	No	No	Add (SC and Buses)
5	Weidler & Vancouver	Replace exist. signal	-	-	PBOT	PBOT	PBOT	PBOT					Signal replacement	Modifications			Yes	Yes	No	No	Add (SC and Buses)
6	Weidler & Williams & I-5 SB entrance ramp (exist. does not incl. ramp)	Replace exist. signal	Yes	Yes	PBOT	ODOT	PBOT	PBOT	IGA for signal on structure	Signal replacement	Plans SP		Signal replacement	Modifications			Yes	Yes	Yes	Yes	Add (SC and Buses)
7	Weidler & Victoria & I-5 NB exit ramp	Replace exist. signal	Yes	-	PBOT	ODOT	PBOT	PBOT		Signal replacement	Plans SP		Signal replacement	Modifications			Yes	Yes	No	No	Add (SC and Buses)
8	Ramsay & Center	Modify exist. signal	-	-	PBOT	PBOT	PBOT	PBOT					Signal modification				Yes	Yes	No	No	-
9	Ramsay & Wheeler & Williams & I-5 SB entrance ramp	Replace exist. signal	Yes (I-5 SB entrance ramp will be relocated.)	-	PBOT	PBOT	PBOT	PBOT	Williams	Signal replacement	Plans SP		Signal replacement				Yes	Yes	No	No	-
10	Multnomah & Williams	Modify exist. signal	-	-	PBOT	PBOT	PBOT	PBOT					Signal modification				No	No	Yes	Yes	Exist (bus)
11	Holladay & 1st & I-5 NB exit ramp	Modify exist. signal	Yes	-	PBOT	PBOT	PBOT	PBOT		Signal modification	Plans SP		Signal modification		Modifications to MAX signal		-	-	-	-	Exist (MAX)

Notes: Ramp terminals listed in **bold**.

* Need to confirm ODOT's current and future role in ownership, maintenance and operation for signalized intersections. Confirmation to occur during 30% Design Phase.

Because ODOT is contracting, deviations from ODOT standard specifications and standard drawings will require approval by ODOT. Preferred standards will correspond to maintaining agency. Use of PBOT standards will require detailed review and consensus.

** Signal approvals from ODOT will cover many different traffic elements. See narrative text for a list of anticipated items requiring approval on this project.

SC = Streetcar, MAX = TriMet MAX

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