

Preliminary Evaluation of Candidate ST2 Projects

NORTH CORRIDOR

Project #	Project Type	Corridor	Subarea	Project Name	Preliminary Evaluation Results						Evaluate Further?
					Capital Cost (2005 \$M)	Annual O/M Cost (2005 \$M)	Daily Riders That Benefit	Risk Avoidance	Connectivity & Integration		
					Low	High					
N 1	Light Rail	I-5 North	Snohomish	Link LRT: Everett Station to Everett Community College	272	313	4	3,000	Moderate	Moderate	YES
N 2	Study	I-5 North	Snohomish	Link LRT: Planning Study from Ash Way to Everett Station (Snohomish County)	2	2	n/a	n/a	High	n/a	YES
N 3	Study	I-5 North	Snohomish	Link LRT: Preliminary Engineering from King/Snohomish County Line to Ash Way (Snohomish County)	22	27	n/a	n/a	High	n/a	YES
N 4	Light Rail	I-5 North	Snohomish	Link LRT: Lynnwood P&R to Alderwood Mall along I-5 (Lynnwood)				500			NO
N 5	Study	I-5 North	North King	Link LRT: Preliminary Engineering from Northgate to King/Snohomish County Line (N King County)	25	30	n/a	n/a	High	n/a	YES
N 6	Light Rail	I-5 North	North King	Link LRT: Extension from University of Washington Station to Northgate (Seattle)	1,152	1,267	10	50,000	Low	High	YES
N 7	Streetcar	I-5 North	North King	Enhanced Transit: Connection Between Downtown Seattle and Capitol Hill Station via First Hill (Seattle)	104	122	4	3,000	Moderate	Moderate	YES
N 8	HOV Ramp	I-5 North	Snohomish	Express Bus: HOV Access Ramps at Mariner P&R (Snohomish County)	55	59	n/a	tbd	Moderate	Moderate	YES
N 9	HOV Ramp	I-5 North	North King	Express Bus: HOV Access Ramps & Flyer Stops on I-5 at NE 185th Street (Shoreline)	219	236	n/a	tbd	Low	Moderate	NO
N 10	BAT Lane	SR-522	North King	Express Bus: BAT Lanes on SR-522 (Lake Forest Park)	51	55	n/a	tbd	Low	High	YES
N 11	BAT Lane	SR-99	Snohomish	Express Bus: BAT Lanes on SR-99 and Evergreen Way (Snohomish County)	353	381	n/a	tbd	Moderate	Moderate	YES
N 12	BAT Lane	SR-99	North King	Express Bus: BAT Lanes on SR-99 (N King County)	109	117	n/a	tbd	Moderate	Moderate	YES
N 13	TSP	SR-99	Snohomish	Express Bus: Transit Signal Priority on SR-99 and Evergreen Way (Snohomish County)	7	8	n/a	tbd	High	Moderate	YES
N 14	STEX Service	SR-527	Snohomish	Express Bus: New Route between Everett and Bellevue via SR-527	8	8	5	1,000	Moderate	Moderate	YES
N 15	Parking, Transit Center & Layover	I-5 North	Snohomish	Express Bus: Parking Garage, Transit Center and Bus Layover Facility at Mariner P&R (Snohomish County)	74	80	n/a	n/a	High	Moderate	YES
N 16	Parking	I-5 North	Snohomish	Express Bus: Parking Garage at Ash Way P&R (Snohomish County)	65	70	n/a	n/a	High	Moderate	YES
N 17	Parking	I-5 North	Snohomish	Express Bus: Parking Garage at Lynnwood Transit Center	37	40	n/a	n/a	High	High	YES
N 18	Parking	SR-522	North King	Express Bus: Parking Garage at Lake Forest Park Town Center (Lake Forest Park)	29	31	n/a	n/a	Moderate	Moderate	NO
N 19	Parking	SR-527	Snohomish	Express Bus: Parking Garage at Canyon Park P&R (Bothell)	31	34	n/a	n/a	High	Moderate	YES
N 20	Parking	SR-527	Snohomish	Express Bus: Surface P&R along SR-527 (Mill Creek)	10	11	n/a	n/a	High	Moderate	YES
N 21	Parking & Layover	Sounder	Snohomish	Sounder: Parking Garage and Bus Layover Facility at Everett Station	73	78	n/a	n/a	Moderate	High	YES
N 22	Parking	Sounder	Snohomish	Sounder: Joint Development of a Parking Garage at Mukilteo Station	15	16	n/a	n/a	Low	Moderate	YES
N 23	Station	Sounder	Snohomish	Sounder: New Permanent Station at Edmonds Crossing (Edmonds)	63	68	n/a	500	Low	Moderate	YES
N 24	Station	Sounder	North King	Sounder: New Station near Point Wells (Shoreline)	39	43	n/a	< 500	Low	Low	NO
N 25	Station	Sounder	North King	Sounder: New Station in Ballard (Seattle)	63	68	n/a	< 500	Low	Low	NO
N 26	Station	Sounder	North King	Sounder: New Station at Broad Street (Seattle)	37	40	n/a	500	Low	Moderate	YES
N 27	Local Service Contrib	Sounder	North King	Express Bus: New Route to Provide Feeder Service to New Sounder Station at Broad Street (Seattle)	n/a	n/a	< 1	< 500	High	High	NO

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East CORRIDOR

Project #	Project Type	Corridor	Subarea	Project Name	Preliminary Evaluation Results					Evaluate Further?	
					Capital Cost (2005 \$M)		Annual O/M Cost (2005 \$M)	Daily Riders That Benefit	Risk Avoidance		Connectivity & Integration
					Low	High					
E1	HCT	HCT	East King	HCT-LRT: Seattle to Downtown Bellevue (underground align.)	1712	1969	15	20,000	Low	High	YES
				HCT-LRT: Seattle to Downtown Bellevue (aerial align.)	1404	1615					
E2	HCT	HCT	East King	HCT-LRT: Downtown Bellevue to Overlake Transit Center (underground align.)	611	702	4	10,000	Low	High	YES
				HCT-LRT: Downtown Bellevue to Overlake Transit Center (aerial align.)	590	678					
E3	HCT	HCT	East King	HCT-LRT: Overlake Transit Center to Redmond	650	747	5	5,000	Low	High	YES
E4	HCT	HCT	East King	HCT-LRT: Maintenance Facility and Vehicles	330	379	N/A	N/A	Low	N/A	YES
E5	HCT	HCT	East King	HCT-RCBRT: Seattle to Downtown Bellevue (underground align.)	1512	1738	16	11,000	Low	High	YES
				HCT-RCBRT: Seattle to Downtown Bellevue (aerial align.)	1184	1362					
E6	HCT	HCT	East King	HCT-RCBRT: Downtown Bellevue to Overlake Transit Center (underground align.)	566	654	4	9,000	Low	High	YES
				HCT-RCBRT: Downtown Bellevue to Overlake Transit Center (aerial align.)	530	620					
E7	HCT	HCT	East King	HCT-RCBRT: Overlake Transit Center to Redmond	614	706	5	4,500	Low	High	YES
E8	HCT	HCT	East King	HCT-RCBRT: Maintenance Facility and Vehicles	204	234	N/A	N/A	Low	N/A	YES
E9	HCT Study	SR 520	East King	HCT: Planning Study on SR 520 (E. King County)	2	2	N/A	N/A	High	Medium	YES
E10	STEX Service	N/A	East King	Enhanced Transit: ST Funding of Metro Route 269 (E. King County)	5	5	5	N/A	High	Medium	NO
E11	STEX Service	N/A	East King	Enhanced Transit: ST Funding of Metro Route 240 (E. King County)	3	3	2	N/A	High	Medium	NO
E12	HOV Ramp	I-405	East King	Express Bus: Direct Access Ramps and Parking Garage at Brickyard Park-&-Ride (E. King County)	279	302	tbd	N/A	Medium	High	YES
E13	HOV Ramp	SR 520	East King	Express Bus: Direct Access Ramps on SR 520 at 108th Avenue NE (E. King County)	46	57	tbd	N/A	Low	High	PENDING
E14	HOV Ramp	I-90	East King	Express Bus: Direct Access Ramps on I-90 at SR 900 (Issaquah)	102	110	tbd	N/A	Low	Medium	NO
E15	HOV Ramp	I-405	South King	Express Bus: Direct Access Ramps on I-405 at North 8th Street (Renton)	N/A	N/A	tbd	N/A	Low	High	YES
E16	Flyer Stop & Ped Bridge	I-405	East King	Express Bus: Flyer Stop and Pedestrian Bridge on I-405 (Bothell)	182	197	tbd	N/A	Low	Medium	NO
E17	Flyer Stop	I-405	East King	Express Bus: Flyer Stop on I-405 at NE 85th Street (Kirkland)	377	408	tbd	N/A	Low	Medium	PENDING
E18	BAT Lane	SR 522	East King	Express Bus: BAT Lanes on SR 522 between I-405 and SR 527 (Bothell)	23	25	tbd	N/A	Medium	High	NO
E19	BAT Lane	SR 522	East King	Express Bus: BAT Lanes on SR 522 (E. King County)	33	35	tbd	N/A	Medium	High	NO
E20	Parking & Transit Center	SR 522	East King	Express Bus: Transit Center and Parking Garage (Bothell)	61	65	N/A	N/A	Medium	High	NO
E21	Parking	SR 522	East King	Express Bus: Parking Garage and Transit Loading at Bothell Park-&-Ride (Bothell)	27	30	N/A	N/A	Medium	High	YES
E22	Parking & Ped Bridge	SR 522	East King	Express Bus: Parking Garage and Pedestrian Bridge over SR 522 at Kenmore Park-&-Ride (Kenmore)	50	54	N/A	N/A	High	Medium	YES
E23	Parking	I-405	East King	Express Bus: Expansion of Kingsgate Park-&-Ride (Kirkland)	27	29	N/A	N/A	High	Medium	YES
E24	Parking	SR 520	East King	Express Bus: Parking Garage at South Kirkland Park-&-Ride (Kirkland)	50	54	N/A	N/A	High	Medium	YES
E25	Parking	I-405	East King	Express Bus: Parking Garage and Extension of N. 8th Street (Renton)	60	65	N/A	N/A	Medium	Medium	YES
E26	Ped Bridge	SR 520	East King	Express Bus: Pedestrian Bridge at Overlake Transit Center (Redmond)	13	14	N/A	N/A	Medium	High	YES
E27	STEX Service	I-405	East King	Express Bus: New Route between Bothell and Renton on I-405 (E. King County)	6	6	5	<1000	High	High	NO

Preliminary Evaluation of Candidate ST2 Projects

SOUTH CORRIDOR

Project #	Project Type	Corridor	Subarea	Project Name	Preliminary Evaluation Results						Evaluate Further?
					Capital Cost (2005 \$M)		Annual O/M Cost (2005 \$M)	Daily Riders That Benefit	Risk Avoidance	Connectivity & Integration	
					Low	High					
S27	Light Rail	SR 99	South King	Link LRT: Extension from SeaTac Airport to South 200th Street	248	285	7.1	5,000	Medium	High	YES
S1	Light Rail	I-5/SR 99	South King	Link LRT: Extension from South 200th Street to Kent-Des Moines Road (S. King County)	418	481	6.6	5,000	Medium	High	YES
S2	Light Rail	I-5/SR 99	South King/ Pierce	Link-LRT: Kent-Des Moines Road to Tacoma Dome Station	2,585	2,972	17.1	28,000	Low	High	YES
S3	Light Rail	I-5/SR 99/I-405	South King	Link LRT: Planning Study of Potential Future Corridors (S. King County)	4	4	N/A	N/A	High	N/A	YES
S4	Light Rail	Tacoma Link	Pierce	Link LRT: New Station on Tacoma Link on Commerce Street (Tacoma)	2	2	N/A	< 1,000	Medium	Medium	NO
S5	Light Rail	Tacoma Link	Pierce	Link LRT: Conversion of Tacoma Link to Central Link Technology	27	30	N/A	N/A	Medium	High	YES
S6	Light Rail	Tacoma Link/6th Ave	Pierce	Link LRT: Extension of Tacoma Link to Tacoma Community College with Central Link Technology	522	600	6.0	8,000	Low	High	YES
S7	Light Rail	Tacoma Link/6th Ave	Pierce	Link LRT: Extension of Tacoma Link to Tacoma Community College with Tacoma Link Technology	580	666	13.2	8,000	Low	High	YES
S8	HOV Ramp	I-5	South King	Express Bus: Bus-Only Access Ramps on I-5 at South Industrial Way and Airport Way/5th Avenue South (Seattle)	239	258	N/A	TBD	Low	Medium	PENDING
S9	HOV Ramp	SR 167	South King	Express Bus: HOV Access Ramps on SR 167 at Smith Street (Kent)	233	251	N/A	TBD	Low	Medium	YES
S10	BAT Lane, TSP, Parking, STEX Service	SR 99/SR 167/SR 161	South King/ Pierce	Express Bus: BAT Lanes and Transit Signal Priority on SR 161, New Meridian/South Hill Park-&-Ride and New Bus Route Serving the Sounder South Corridor	109	117	6.0	1,500	Medium	High	YES, with exclusion of BAT lanes from scope
S11	STEX Service	Sounder	South King/ Pierce	Express Bus: New Bus Route Serving all Sounder Stations between Tacoma Dome and King Street during Off-Peak Periods	0	0	1.1	< 1,000	High	High	YES
S12	TSP	SR 167	South King	Express Bus: Transit Signal Priority on SR 516 (Kent)	2	3	N/A	TBD	High	Medium	YES
S13	TSP, STEX Service	I-405	South King	Express Bus: Transit Signal Priority, Left Turn Lane and Route 560 Modification to Improve Access to Sounder Tukwila Station	20	20	2.6	TBD	High	Medium	YES
S14	STEX Service	I-5/SR 167/I-405	Pierce	Express Bus: Extension of Route 565 to Tacoma Dome Station during Peak Periods with Limited Stops	4	4	1.6	< 1000	High	Medium	NO
S15	Parking	SR 518	South King	Express Bus: Parking Garage at Burien Transit Center	24	26	N/A	N/A	High	Medium	NO
S16	Parking	Sounder	Pierce	Express Bus: Surface Parking Expansion at Tacoma Dome Station	12	13	N/A	N/A	High	High	YES
S17	Station	Sounder	South King	Sounder: Permanent Station at Tukwila	50	54	N/A	N/A	High	High	YES
S18	Parking	Sounder	South King	Sounder: Parking Garage at Auburn Station	60	65	N/A	N/A	High	High	YES
S19	Station	Sounder	Pierce	Sounder: New Station in North Sumner	63	68	N/A	500	Medium	High	YES
S20	Parking/ Ped Bridge	Sounder	Pierce	Sounder: Parking Garage and Pedestrian Bridge at Sumner Station	57	62	N/A	N/A	High	High	YES
S21	Parking/ Ped Bridge	Sounder	Pierce	Sounder: Parking Garage and Pedestrian Bridge at Puyallup Station	52	56	N/A	N/A	High	High	YES
S22	Parking/ Ped Bridge	Sounder	Pierce	Sounder: Parking Garage and Pedestrian Bridge at South Tacoma Station	36	39	N/A	N/A	High	High	YES
S23	Parking	Sounder	Pierce	Sounder: Parking Garage at Lakewood Station	20	22	N/A	N/A	High	High	YES
S24	Sounder Track & Signal/ Service	Sounder	South King/Pierce	Sounder: Expanded Service Levels during Peak, Off-Peak and Weekend Periods, and Related Track & Signal Improvements between Lakewood and Seattle	203	219	16.1	1,600	Low	High	YES
S25	Sounder Track & Signal	Sounder	Pierce	Sounder: Track and Structure Upgrades between Tacoma Dome Station to Reservation Junction	63	68	N/A	N/A	Low	High	YES
S26	Sounder Track & Signal, Service	Sounder	Pierce	Sounder: Extension of Service to DuPont, Upgrade of Track & Signals between Lakewood and Dupont and a New Station at Dupont	126	136	3.2	< 1,000	High	High	YES