

APPENDIX A

Project List – Transportation Model

Exhibit A-1. SW Washington Regional Transportation Council (RTC) Metropolitan Transportation Plan (MTP) Projects and Local Projects

Jurisdiction	Project Name (Facility)	Project Location	Project Description	Est. Street Project Cost in 2003 dollars	MTP Program Years
WSDOT	I-5	99th Street to I-205	3 lanes each direction	N/A	2007
WSDOT	I-5	SR 502 Interchange	New Interchange	N/A	2008
WSDOT	I-5	Pioneer Street (Ridgefield)/ SR 501 Interchange	Improve Interchange	N/A	2009
WSDOT	I-5	The Salmon Creek Interchange Project (SCIP) at 134th/139th Street	Construct NE 139th Street from NE 20th Avenue to NE 10th Avenue Reconstruct interchange with ramps added at 139th Street. Improve access to I-205 with flyover from 134th St to I-205 southbound NE 10th Avenue. Improve NE 10th Avenue from 134th to 149th Street to include turn.	N/A	2010-2013
WSDOT	I-5	I-205 to 179th Street	Auxiliary lane in each direction	N/A	2012-2013
WSDOT	I-5	179th Street Interchange	Reconstruct Interchange	N/A	2016-2025
WSDOT	I-5	179th Street to SR 502	Auxiliary lane in each direction		2016-2025
WSDOT	I-205	Mill Plain Exit (112th Avenue connector)	Build direct ramp to NE 112th Avenue	N/A	2007
WSDOT	I-205	Mill Plain to 28th Street	Ramps/Frontage Road between Mill Plain and 28th Streets	N/A	2013
WSDOT	I-205	SR 14 to Mill Plain	Ramp Separation	N/A	2016-2025
WSDOT	I-205	28th Street	North ramps	N/A	2016-2025
WSDOT	I-205	SR 500	westbound SR 500 to southbound I-205 Flyover	N/A	2016-2025
WSDOT	I-205	SR 500 to Padden Parkway	3 lanes each direction 83rd ramps	N/A	2016-2025
WSDOT	I-205	Padden Parkway to 134th Street	3 lanes each direction	N/A	2016-2025
WSDOT	SR 14	NW 6th Av. to SR 500/Union	2 lanes each direction with interchange	N/A	2011
WSDOT	SR 14	I-205 to 164th Avenue	3 lanes each direction	N/A	2016-2025
WSDOT	SR 14	SR 500/Union to 32nd Street	Improve capacity	N/A	2016-2025
WSDOT	SR 14	32nd Street Vicinity	Interchange	N/A	2016-2025
WSDOT	SR 500	I-205	Extend westbound auxiliary lane	N/A	2009
WSDOT	SR 500	Street Johns Interchange	New Interchange	N/A	2011
WSDOT	SR 500	42nd Avenue	Grade Separation	N/A	2016-2025
WSDOT	SR 500	54th Avenue	Interchange with collector-distributor connecting to Andresen	N/A	2016-2025
WSDOT	SR 502	NE 10th Avenue to Battle Ground	2 lanes each direction	N/A	2013

Jurisdiction	Project Name (Facility)	Project Location	Project Description	Est. Street Project Cost in 2003 dollars	MTP Program Years
Clark County/ WSDOT	SR 503	Padden Parkway	Add Interchange	N/A	2016-2025
Clark County	Padden Parkway	Andresen	Add Interchange	N/A	2016-2025
Clark County	179th Street	I-5 to NW 5th Avenue	2 lanes each direction, w/turn lane	N/A	Partial Completion 2003 Completion will be by frontage improvements
Vancouver	Main Street	6th Street to 15th Street (Mill Plain)	Convert to two-way street	N/A	2006
Vancouver	26th Avenue	Fourth Plain to Whitney Road	1 lane each direction, w/turn lane new minor industrial arterial	N/A	2012
Vancouver	Columbia Shores	South of SR 14	Rail Trestle, Widen Portal	N/A	2012
Vancouver	Esther Street	At RR Tracks	Railroad Undercrossing	N/A	2009
Clark County	Highway 99	NE 63rd to NE 99th Street	Pedestrian route completion		
Ridgefield	Pioneer Street/SR 501	I-5 northbound Ramps to S 10th Street	2 lanes each direction w/ turn lane		2008
Ridgefield	Pioneer Street/SR 501	.5 mile west of S 45th to I-5 northbound ramps	2 lanes each direction w/ turn lane		2010
Vancouver	Broadway	6th Street to 15th Street	Reconstruct and convert to two-way street	N/A	2007
Vancouver	I-205 South Corridor		Conduct environmental analysis for approved access plan for I-205 south corridor	N/A	2007
Vancouver	Fourth Plain	I-5 to Railroad Bridge	2 lanes each direction	N/A	2012
Vancouver	Highway 99 South	63rd to Ross Street	Build to 5 Lane principal arterial standard, rebuild rail bridge	N/A	2013
Vancouver	Lincoln Street	Fourth Plain Boulevard to Railroad Avenue	Realign, reconstruct and grade separate		2010
Vancouver	Lincoln Street	Fourth Plain to 39th Street	Construct new section of road 1 lane each direction		2013
Vancouver	Jefferson/ Kauffman Street	Mill Plain to 6th Street	Realign offset @ 13th, grade separate from rail @ 8th Street		2012
Vancouver	Railroad Avenue	Columbia to new Lincoln Avenue grade separated facility	New waterfront east/west arterial		2010
C-TRAN	99th Street Park and Ride	Off I-5	Park and Ride	\$ 8,399,000	2006-2007
C-TRAN	Vancouver Transit Center	Mall area	Relocate Van Mall Transit Center to C-TRAN AOM	\$ 5,700,000	2006-2007
C-TRAN	Salmon Creek Park and Ride	At I-5/NE 134th Street	Realign Salmon Creek Park and Ride at current site in conjunction with I-5/134th/139th Interchange	\$ 4,000,000	2011
C-TRAN	219th Park and Ride	At I-5/NE 219th Street - Ridgefield	Park and Ride (600 spaces)	TBD	TBD

Jurisdiction	Project Name (Facility)	Project Location	Project Description	Est. Street Project Cost in 2003 dollars	MTP Program Years
C-TRAN	Central County Park and Ride	At Padden Parkway/78th/I-205	Park and Ride (480 spaces)	TBD	TBD
C-TRAN	C-TRAN Fleet	N/A	Vehicle Replacement for fixed route and demand response (through 2010)	\$ 5,722,000	2010
C-TRAN	C-TRAN Transit Enhancements	N/A	Improvements/amenities at bus stops (through 2010)	\$ 314,000	2010
C-TRAN	C-TRAN System	System Wide	Transit Service Change	N/A	Continuing
C-TRAN	C-TRAN System	System Wide	Deploy ITS (Phase 2 and 3)	\$ 8,521,000	Continuing
C-TRAN	C-TRAN System	Super Stops	Enhanced stop locations at key connections	\$ 430,000	2006-2008

Exhibit A-2. Metro's 2025 Regional Transportation Plan (RTP)

2040 Link	Jurisdiction	Project Name (Facility)	Project Location	Project Description	Est. Project Cost in 2003 dollars	RTP Program Years	Primary Modal Type ^a	2040 Category ^b
Central City	ODOT	I-5/McLoughlin Ramps	McLoughlin to I-5 north at Division	Construct new I-5 southbound off-ramp and I-5 northbound on-ramp at McLoughlin Boulevard	\$ 23,100,000	2016-25	13	1
Central City	ODOT	I-5/North Macadam Access Improvements	Northbound I-5 to northbound Macadam Avenue	Construct new off-ramp	\$ 20,000,000	2016-25	13	1
Central City	Portland/ODOT	MLK/Grand Improvements	Central Eastside and Lloyd districts	Complete boulevard design improvements	\$ 3,465,000	2016-25	4	1
Interstate SC	Portland	Killingsworth Bridge Improvements	Killingsworth at I-5	Improvements to bridge to create a safe and pleasant crossing for pedestrians and bicyclists over I-5	\$ 2,700,000	2016-25	15	3
PDX IA	ODOT	I-205 Interchange Improvement	I-205 northbound/Airport Way Interchange	New I-205 northbound on-ramp at I-205/Airport Way interchange (Phase 1 in FC: modify signing, striping channelization and signal timing for northbound on-ramp)	\$ 23,100,000	2004-09	13	2
PDX IA	ODOT	I-205 Interchange Improvement	I-205 southbound/Airport Way Interchange	Widen I-205 southbound on-ramp at Airport Way; modify signing, striping channelization and/or	\$ 650,000	2004-09	13	2

2040 Link	Jurisdiction	Project Name (Facility)	Project Location	Project Description	Est. Project Cost in 2003 dollars	RTP Program Years	Primary Modal Type ^a	2040 Category ^b
				signal timing for the I-205 northbound on-ramp at Airport Way				
PDX IA	Portland	47th Avenue Intersection and Roadway Improvements	at Columbia Boulevard	Widen and channelize NE Columbia Boulevard to facilitate truck turning movements; add sidewalks and bike facilities	\$ 2,800,000	2004-09	1	2
PDX IA	Portland	33rd/Marine Drive Intersection Improvement	NE 33rd and Marine Drive	Signalize 33rd/Marine Drive intersection for freight movement	\$ 288,750	2010-15	1	2
Region	ODOT	Greeley Street Ramp Improvements	Greeley Street/I-5 ramps	Modernize Greeley Street ramps	\$ 106,260,000	2004-09	13	1
Region	ODOT	I-5 North Improvements	Lombard Street to Expo Center/Delta Park	Widen to six lanes	\$ 41,000,000	2004-09	13	1
Region	ODOT	I-5/Columbia Boulevard Improvement	I-5/Columbia Boulevard interchange	Construct full direction access interchange based on recommendations from I-5 North Trade Corridor Study	\$ 56,000,000	2010-15	13	2
Region	ODOT	I-5 Trade Corridor Study and Tier 1 DEIS	I-405 (OR) to I-205 (WA)	Plan improvements to I-5 to benefit freight traffic	\$ 15,000,000	2004-09	2	2
Rivergate IA	ODOT/Portland	N. Lombard Improvements	Lombard Street from Rivergate Boulevard (Purdy) to south of Columbia Slough bridge	Widen street to three lanes	\$ 3,610,000	2004-09	1	2
Rivergate IA	Port/Portland	North Lombard Overcrossing	South Rivergate	Construct overpass from Columbia/Lombard intersection into South Rivergate entrance to separate rail and vehicular traffic. Project includes motor vehicle lanes, bike lanes, and sidewalks.	\$ 24,453,660	2004-09	1	2
Rivergate IA	Port	Leadbetter Street Extension and Grade Separation	to Marine Drive	Extend street and construct grade separation	\$ 8,000,000	2004-09	1	2
Rivergate IA	Port/Portland	Terminal 4 Driveway Consolidation	Lombard Street at Terminal 4	Consolidate two signalized driveways at Terminal 4	\$ 1,000,000	2004-09	1	2

2040 Link	Jurisdiction	Project Name (Facility)	Project Location	Project Description	Est. Project Cost in 2003 dollars	RTP Program Years	Primary Modal Type ^a	2040 Category ^b
Region	TriMet	I-205 LRT Extension	Gateway RC to Clackamas TC	Construct LRT and improvements to downtown transit mall	\$ 475,000,000	2004-09	3	1
Central City	Portland	Transit Mall Restoration	Central City	Reduce maintenance and repair costs	\$ 2,852,850	2004-09	3	1
Central City	Portland	Portland Streetcar - Eastside, Phase 1 (Lloyd District)	Pearl District to Lloyd District	Construct street car from NW Lovejoy/10th Avenue to NE 7th Avenue/Oregon Street	\$ 36,900,000	2004-09	3	1
Central City	Portland	Portland Streetcar - Eastside, Phase 2 (Central Eastside Industrial District)	Lloyd District to Central Eastside Industrial District	Construct street car from NE Oregon Street to Water Avenue	\$ 44,000,000	2004-09	3	1
South Shore IA	TriMet	181st Avenue Frequent bus	Gresham to Columbia South Shore	Construct improvements that enhance Frequent Bus service	\$ 1,350,000	2010-15	3	1
PDX IA	Port/Portland	Light rail station/track realignment	PDX terminal	Realign light rail track into terminal building (includes double tracking)	\$ 14,000,000	2010-15	3	2
Region	TriMet	Transit center and park-and-ride upgrades	Various locations in subarea	Construct, expand and/or upgrade transit stations and park-and-rides throughout subarea	See Tri-Met Total	2004-25	3	3
Region	WashCo/TriMet	Beaverton-Wilsonville Commuter Rail	Wilsonville to Beaverton	Peak-hour service only with 30-minute frequency in existing rail corridor	\$ 82,582,500	2004-09	3	1
Region	TriMet/SMART	Transit Center Upgrades	Region-wide	New or improved transit centers at various locations in the region	\$ 20,002,273	2004-25	3	1
Region	TriMet	Vehicle Purchases	1.5% per year expansion	Vehicle purchases to provide for expanded service	\$ 169,785,000	2004-25	3	1
Region	TriMet/SMART	Bus Operating Facilities	Region-wide	Bus operating facilities	\$ 75,000,000	2004-25	3	1
Region	TriMet/SMART	Frequent/Rapid Bus Improvements	Baseline Network	Transit stations, improved passenger amenities, bus priority and reliability improvements	\$ 26,297,000	2016-25	3	1
Region	TriMet	TriMet Park and Ride Lots	Baseline Network	Park-and-ride facilities to serve bus and light rail stops and stations	\$ 5,782,970	2004-25	3	1

2040 Link	Jurisdiction	Project Name (Facility)	Project Location	Project Description	Est. Project Cost in 2003 dollars	RTP Program Years	Primary Modal Type ^a	2040 Category ^b
Region	SMART	SMART Park and Ride Lots	SMART district	Park-and-ride facilities to serve bus and commuter rail station	\$ 3,927,000	2004-25	3	1
Region	TriMet/SMART	Bus Stop Improvements	Region-wide	Bus stop improvements region-wide	\$ 7,939,181	2004-25	3	1
Region	TriMet/SMART	Bus Priority Treatments	Region-wide	Bus Priority Treatments	\$ 19,891,988	2016-25	3	1
Region	TriMet	LIFT Vehicle Purchases	Region-wide	4% per year expansion	\$ 16,890,000	2004-09	3	1
Region	TriMet	Ride Connection Vehicle Purchases	Region-wide	Purchase five vehicles per year	\$ 4,767,600	2004-09	3	1

Notes:

LRT = light rail transit

a Modal Type: 1 (Roads), 2 (Future Plans), 3 (Transit Capital), 4 (Boulevards), 5 (Bike), 6 (Pedestrian), 7 (Demand Management), 8 (primarily benefits freight, includes rail, marine, air freight), 9 (TOD), 10 (Bridges), 11 (Other), 12 (System Management), 13 (Freeways and highways), 14 (TDM/TMA), 15 (Bike and Pedestrian).

b 2040 Benefit: (1) Central City and Regional Centers, (2) Industrial Areas and Intermodal Facilities, (3) Town Centers, Main Streets, and Station Communities, 4 (Other).