

Appendix H: Extended TFP Project Descriptions

Project ID	Name	Description
5	Overlake Village Bicycle-Pedestrian Bridge	Provide a new pedestrian and bike connection over SR 520 between the Overlake Village light rail station and NE 31st Street west of SR 520. Coordinate with Projects 181 and 43.
6	Overlake Transit Center Pedestrian and Bike Bridge	Provide a new pedestrian and bike connection over SR 520 between the Overlake Transit Center and west side of SR 520 and 520 Trail (in the vicinity of the NE 38th Street alignment) and the SR 520 Trail, integrating with the future light rail station. Ensure public access between the 520 Trail and the Overlake Transit Center. Coordinate with existing transit stops.
8	520 Trail Grade Separation at NE 40th St	Grade separate 520 Trail at NE 40th Street.
10	520 Trail Grade Separation at NE 51st St	Grade separate 520 Trail at NE 51st Street.
31	148th Ave NE and NE 51st Street Westbound Right-Turn Lane	Add a second right-turn lane from westbound NE 51st Street to northbound 148th Avenue NE.
39	148th Ave NE and NE 20th St Turn Lanes	Add second westbound left turn and second eastbound left turn lanes. Associated with Projects 41 and 264
41	148th Ave NE and SR 520 Freeway Access Lane	Create third northbound through lane on 148th Ave NE from NE 22nd St to SR 520 eastbound on-ramp using primarily existing right-turn lanes and modify SR 520 eastbound on-ramp to allow HOV access. At NE 24th St and 148th Ave NE intersection add right turn lane on northbound approach, and extend right turn lane on westbound approach.
46	150th Ave NE and NE 51st Street Traffic Signal	Add north leg (on private property) to intersection of 150th Avenue NE and NE 51st Street and signalize this intersection. The intent is for improvement on the north leg on campus to include two southbound left-turn lanes, one through lane in each direction, bike lanes, sidewalks, transit amenities, street lights, utilities, and stormwater drainage. Relocate eastbound transit stop to far side of new intersection.

Extended TFP Project Descriptions (continued)

Project ID	Name	Description
47	152nd Avenue NE Main Street - Segment 1 (East)	Implement a multimodal pedestrian corridor concept on 152nd Avenue NE from NE 26th Street to NE 31st Street to create a lively and active signature street in the Overlake Village. The cross section for the improvements would include one through lane in each direction, turn lanes as necessary, on-street parking and pedestrian and bicycle facilities as described in the Appendix 7 in the Redmond Zoning Code. Other improvements include intersection improvements at NE 24th , NE 26th, NE 27th, and NE 28th Streets, storm drainage, LID, street lighting, pedestrian amenities, transit amenities, right-of-way, easements, and utilities. Locate arterial transit stop within immediate access of the Overlake Village light rail station. Part 1, Project 47, includes half-street improvements by developer of the former Group Health site. Part 2, Project 363, includes half-street improvements for the other half-street by future developers.
50	156th Ave NE & Bel-Red Road Southbound Right-Turn Lane	Add southbound right-turn lane on 156th Ave NE.
58	NE 40th St Streetscape Segment II	Resize vehicular lane width to 11 feet, raise the sidewalk on the south side of the bridge and reduce this sidewalk to 9 feet and enhance pedestrian realm by eliminating the traffic barrier between the south sidewalk and vehicular lane, and add 5.5-foot bike lanes in both directions. Improvements include two travel lanes, two turn lanes, one bike lane, and one sidewalk in each direction of the street, and streetscape including gateway wayfinding and art elements.
60	NE 40th St Streetscape Segment III	Add bike lanes on both sides. Improvements include two vehicular lanes in each direction, one turn lane, bike lanes and 8 foot sidewalks with planter strips on both sides, planter strip, streetscape including gateway wayfinding and art elements, stormwater treatments, street lights, utilities, and easement acquisition. Coordinated with Project 59.
61	NE 40th St Rechannelization Segment IV	Within existing right-of-way and easements, resize vehicular lane width to 10 feet and add a 5 foot bike lane in the westbound direction. Improvements include sidewalks in both directions, a 5 foot bike lane in the westbound direction, one 10 foot vehicular lane in both directions, an 11 foot turn lane, streetscape, stormwater treatments, street lights, and utilities.
71	West Lake Sammamish Parkway Roundabout	Removing exiting traffic signal at Bel- Red Road and West Lake Sammamish intersection. Install two-lane roundabout at Bel-Red Road, West Lake Sammamish intersection and improve pedestrian facilities and provide treatments for terminus of multi-use path along eastside of roadway. Coordinate with Project 157.
72	140th Avenue NE and Redmond Way Turn Lanes	Add second northbound left turn lane and extend bicycle lanes from NE 80th Street through the intersection of 140th Avenue NE and Redmond Way. Construct sidewalk on 140th Avenue north of the intersection up to NE 84th Street.
73	Union Hill Rd Phase III Widening	Widen Union Hill Rd from 188th Avenue NE to eastern city limits. Improvements include 2 through lanes in each direction, left-turn lanes, bike lanes, curb, gutter, sidewalks, street lights, storm drainage, underground power and utility pole relocation, right-of-way and easement acquisition.

Extended TFP Project Descriptions (continued)

Project ID	Name	Description
76	NE 116th St Widening Segment I Phase I	Complete bicycle facilities as well as the sidewalk on the north side of NE 116th Street between Red-Wood Road and 167th Place NE. Improvements coordinate with Project 356: the construction of a roundabout at NE 116th Street and 162nd Avenue NE. Phase II is Project 370.
78	188th Ave NE Extension	Construct new 188th Ave NE arterial from NE 65th Street to Union Hill Rd. Improvements include one through lane in each direction, left turn lanes, bike lanes, curb, gutter, sidewalks, transit amenities, street lights, storm drainage, right-of-way and easement acquisition.
79	185th Ave NE Extension	Construct new 185th Ave NE arterial from NE 80th Street to Union Hill Road. Improvements include one through lane in each direction, left-turn lanes, sidewalks, street lights, storm drainage, right-of-way, easements, and traffic signal at Union Hill Road.
81	164th Ave NE Extension	Construct new 164th Ave NE from NE 76th St to Cleveland St. Improvements include one through lane in each direction, bike lanes, parking, sidewalks, transit facilities, street lights, storm drainage, right-of-way and easements.
83	SR 202 Rechannelization	Reconfigure 164th Ave NE from NE 80th to NE 87th St to one through lane in each direction, center left-turn lane, bike lanes, pedestrian amenities, and transit facilities.
84	Redmond Way Bridge Modifications and Additions Over Bear Creek	Rechannelize bridge, replacing the sidewalk on the south side of bridge with a second eastbound left-turn lane. Build a ped/bike bridge on the south side of bridge, designed to accommodate a future connection between Bear Creek Trail and East Lake Sammamish Trail. Improvements include two through lanes in each direction on Redmond Way and NE 76th Street, two eastbound left-turn lanes to NE 76th Street, one eastbound right turn lane to westbound SR 520 on-ramp, one sidewalk on north side of the bridge, a pedestrian/bike bridge street on the south side of the bridge, lights, storm drainage, utilities, right-of-way, and easements.
89	NE 76th Street & 178th Place NE Intersection Improvements	Widen intersection to allow right-turn, left-turn, and through lanes in all directions, Improve turning radii for trucks at intersection of NE 76th St / 178th Pl (especially SB to EB, and WB to NB), widen 178th lanes to north of intersection to avoid impacts to well house, add bicycle lanes through intersection in all directions, improve sight distance, stormwater, utilities, and property needs such as easements. Install vehicle detection and traffic cameras.
92	NE 76th Street Extension (Segment 1)	Construct new NE 76th St from 185th Ave NE to 188th Ave NE. Improvements include 1 through lane in each direction, left-turn lanes or medians to create a 3 lane section, bike lanes, sidewalks, street lights, traffic control, storm drainage, right-of-way and easements. Consider roundabout at 185th Ave and 76th St.

Extended TFP Project Descriptions (continued)

95	166th Ave NE Rechannelization	Reconfigure 166th Ave NE from NE 85th St to NE 104th St to one through lane in each direction, center left-turn lane and bike lanes. Collaborate with pavement management for its resurfacing needs. Add pedestrian crossings coordinated with bus stops.
Project ID	Name	Description
99	NE 70th St Extension Phase I	Provide the right-of-way and interim street improvements on the new NE 70th Street from Redmond Way to 180th Avenue NE. Coordinate with phase II, Project 360, which is street improvements up to City standards
111	NE 124th St and 162nd Pl NE Signal	Construct a new traffic signal at 124th Avenue NE and 162nd Place NE. Includes the addition of turn lanes on NE 124th and modifications on 162nd Place for sight distance. Must meet signal warrant.
112	NE 73rd Street Extension - Segment 1	Construct new NE 73rd St from 185th Avenue NE to 188th Avenue NE. Improvements include one through lane in each direction, left-turn lanes, bike lanes, sidewalks, street lights, traffic control, storm drainage, right-of-way and easements.
114	NE 80th Street Trail Connection	Construct new NE 80th Street Trail from 185th Avenue NE to 188th Avenue NE. Improvements include 12 foot paved, shared use path situated in a 20 foot wide easement or right-of way.
115	Redmond Way and Cleveland Street Couplet Conversion	<p>Convert Redmond Way from 160th Avenue NE to Avondale Way to one through lane in each direction and center turn lane with west end having two westbound starting at 161st Avenue NE and east end having two eastbound lanes starting at 168th Avenue NE. Convert Cleveland Street to one through lane in each direction. Relocate transit stops to Redmond Way. Improvements include curb extensions, widened sidewalks, shared lane markings, pedestrian amenities, transit amenities, gateway treatments, wayfinding, and realignment of street at eastern and western ends to improve traffic flow. Improve the rightmost lane on westbound Redmond Way to be a Business and Transit access lane.</p> <p>Support the Sound Transit Route 545, and a queue jump between 168th Avenue NE and the Redmond Way Bear Creek Bridge. Provide intersection modifications and ITS improvements in order to convert both streets from one-way to two-operation to improve grid system in downtown.</p>
116	Cleveland Streetscape	Improve Cleveland Street to a pedestrian-friendly Main Street. Improvements include one through lane, parking, and sidewalk in each direction, mid-block crossings, street lights, utilities, stormwater treatments, public art, bicycle racks, pedestrian amenities, street furnishing, trees, traffic and wayfinding signs, and realignment of street at eastern and western ends to improve traffic flow.
155	NE 31st Street Bike Lanes (Design)	Design bike lanes and intersection improvements from the NE 36th St Bridge roundabout to NE 156th Street
157	West Lake Sammamish Parkway Phase III Widening (Part 1)	Acquire any needed right-of-way and extend the multi-use path on the east side of West Lake Sammamish Parkway. Coordinate with Projects 71 and 361.
163	SR 202 and NE 124th St Intersection Improvements	Widen NE 124th Street adding additional east/west lanes, modify the traffic signal and connect to the city's traffic management center. In addition, bicycle lanes, sidewalks, and a storm collection and treatment system will be added.

Extended TFP Project Descriptions (continued)

Project ID	Name	Description
175	NE 27th Street and NE 28th Street New Connection	Construct a new east west NE 27th Street between 152nd Avenue NE and 156th Avenue NE with a three-lane public roadway (narrowing to two lanes adjacent to the future park) with parking and bike lanes along both sides of the street, and intersection improvements at 152nd Ave NE and 156th Ave NE. The 156th intersection improvements will include frontage improvements on the west side of 156th from about 300 feet north of the intersection to about 700 feet south of the intersection.
200	Redmond Central Connector Segment II	Complete the second segment of the Redmond Central Connector, including regional trail and aesthetic enhancements.
254	161st Ave NE Extension	Construct new 161st Ave NE from Bear Creek Pkwy Extension to Redmond Way. Improvements include one through lane in each direction, left-turn lanes, bike lanes, parking, sidewalks, street lights, storm drainage, right-of-way, easements and traffic signals at Cleveland St and Bear Creek Pkwy.
264	148th Ave NE & NE 24th Street Turn Lanes	Add left-turn lanes to make dual left-turn lanes on the eastbound and westbound approaches on NE 24th Street at 148th Avenue.
315	SR 520/148th Interchange Overlake Access Ramp and Trail Connection: City of Redmond Local Street Portion	Construct Access Street between the Overlake Access Ramp terminal and 152nd Avenue NE. Improvements on Overlake Access Street and NE 28th Street include one vehicular lane in each direction, parking, sidewalks, and left-turn lanes at the intersection of NE 28th Street and 152nd Avenue NE. Vehicular lanes are 11-foot wide on Overlake Access Street and NE 28th Street. Sidewalks on NE 28th Street are 14-foot wide. Sidewalks on the Overlake Access Street are 12-foot wide. Parking lanes are 7-foot wide. Coordinate with the terminal of Overlake Access Ramp Project 2).
323	Redmond Central Connector Phase I	Complete the first segment of the Redmond Central Connector, including regional trail and aesthetic enhancements. Remove rail. Coordinate with the Downtown Stormwater Trunkline Project.
324	Downtown Shared Parking Facility	Shared parking facility at the intersection of Leary Way and Bear Creek Parkway. Intent is to provide a shared parking resource within the downtown, and facilitate 'right sizing' of private segregated parking in the downtown urban center.
327	Cleveland Street Sidewalk Maintenance	Address significant sidewalk maintenance issue caused by street trees by replacing sidewalk. This is an interim treatment of the couplet conversion.
339	NE 95th Street Bridge Replacement	Replace the NE 95th Street Bridge over Bear Creek. Improvements shall comply with environment requirements.
349	NE 24th Street and Bel-Red Road Southbound Right-Turn Lane	Provide a southbound right-turn lane at the intersection of NE 24th Street and Bel-Red Road.
353	NE 40th Street Sidewalk Rehabilitation	Replace sidewalks along the north side and part of the south side along the NE 40th Street between 164th Court and Bel-Red Road.

Extended TFP Project Descriptions (continued)

Project ID	Name	Description
355	152nd Avenue NE Main Street -Segment 2	Implement a multi-modal pedestrian corridor concept on 152nd Avenue NE from NE 24th Street to NE 26th Street to create a lively and active signature street in the Overlake Village. The cross section for the improvements would include one through lane in each direction, turn lanes as necessary, on-street parking and pedestrian and bicycle facilities as described in the Appendix 7 in the Redmond Zoning Code. Other improvements include intersection improvements at NE 24th , NE 26th, NE 27th, and NE 28th Streets, storm drainage, LID, street lighting, pedestrian amenities, transit amenities, right-of-way, easements, and utilities. Locate arterial transit stop within immediate access of the Overlake Village light rail station.
356	NE 116th Street and 172nd Avenue NE Roundabout	Construct a roundabout at NE 116th Street and 172nd Avenue NE. Improvements include sidewalks, bike lanes, vehicular lanes, stormwater, utilities, and street lights.
360	NE 70th Street Extension Phase II	Construct new NE 70th St from Redmond Way to 180th Ave NE. Improvements include one through lane in each direction, left-turn lanes, sidewalks, street lights, storm drainage, right-of-way and easements. Coordinate with phase I, Project 99, right-of-way dedication and interim street improvements.
363	152nd Avenue NE Segment 1 (West)	Implement a multi-modal pedestrian corridor concept on 152nd Avenue NE from NE 26th Street to NE 31st Street to create a lively and active signature street in the Overlake Village. The cross section for the improvements would include 1 through lane in each direction, turn lanes as necessary, on-street parking and pedestrian and bicycle facilities as described in the Appendix 7 in the Redmond Zoning Code. Other improvements include intersection improvements at NE 26th, NE 27th, and NE 28th Streets, storm drainage, LID, street lighting, pedestrian amenities, transit amenities, right-of-way, easements, and utilities. Locate arterial transit stop within immediate access of the Overlake Village light rail station. Part 1, Project 47, includes half-street improvements by the developers of the future Group Health site. Part 2, Project 363, includes half-street improvements for the other half-street by future developers.
367	148th Avenue Arterial Pavement Reconstruction Preservation	Reconstruct portions of and provide overlay of 148th Avenue from SR 520 to Redmond Way . Make drainage improvements where needed. Examine roadway channelization for improved efficiencies.