

TIP - PROJECT DESCRIPTIONS

BIKES AND PEDESTRIANS		
B41	Redmond Technology Station Pedestrian & Bicycle Bridge	Design and construct a new pedestrian and bike connection over SR 520 between the Redmond Technology Station and west side of SR 520 and 520 Trail (in the vicinity of the NE 38th Street alignment) and the SR 520 Trail.
B42	Redmond Central Connector Phase III	Complete the third phase of the Redmond Central Connector paved shared-use path up to 124th Street.
B43	Cleveland Street East Main Street Improvements	Extend the streetscape improvements on Cleveland east to 168th Avenue.
B47	159th Pl NE Sidewalk - Bear Creek Parkway to Leary Way	Construct sidewalk on east side of 159th Place NE from Leary Way to Bear Creek Parkway where missing.
B48	West Lake Sammamish Parkway Sidewalk	Complete sidewalk on west side of West Lake Sammamish Parkway between Bel-Red Road and south city limits where missing
B50	NE 40th St Shared Use Path - 156th Ave NE to 163rd Ave NE	Shared use path on south side of NE 40th St between 156th Ave NE and 163rd Ave NE.
B51	Avondale Road Buffered Bicycle Lanes - Avondale Way to Novelty Hill Rd	Add buffered bicycle lanes on both sides of Avondale Road between Avondale Way and Novelty Hill Road.
B55	140th Ave NE Sidewalk - Redmond Way to NE 84th St	Add sidewalk on west side of 140th Ave NE between Redmond Way and NE 84th St where missing.
B60	176th Ave NE Sidewalk - NE 65th St to NE 70th St	Complete sidewalk on 176th Avenue between 65th and 70th streets. Sidewalk will typically be placed on west side of road.
B74	SR 520 Trail Grade Separation at NE 51st St	Construct a grade-separated pedestrian and bike tunnel for the SR 520 regional shared use path under the NE 51st Street and SR 520 westbound ramp terminal intersection.
B76	Old Redmond Road Buffered Bicycle Lanes	Add buffered bicycle lanes on Old Redmond Road between 152nd Ave NE and 132nd Ave NE.
B77	Avondale Road Buffered Bicycle Lanes - Novelty Hill Rd to NE 116th St	Add buffered bicycle lanes on both sides of Avondale Road between Novelty Hill Road and NE 116th St.
B78	NE 40th St Bicycle Lanes	Add bicycle lanes on NE 40th St between 163rd Ave NE and 172nd Ave NE.
B80	156th Ave NE Cycle Track - NE 28th St to NE 40th St	Add cycle track along 156th Ave NE between NE 28th St and NE 40th St.
B81	156th Ave NE Sidepath - NE 40th St to NE 51st St	Add multiuse path along 156th Ave NE between NE 40th St and NE 51st St.
B83	148th Ave NE Multiuse Trail and Roadway Improvements - SR 520 EB ramp to SR 520 WB ramp	Modify channelization and signals, and provide wide multi-use trail that is separated from the roadway on the east side of 148th Ave NE from the eastbound SR 520 on ramp to the SR 520 Trail at the westbound SR 520 off ramp at NE 29th Place (148th Ave NE bridge over SR 520). Design to accommodate future grade separation project at 148th Avenue NE and NE 29th Place.
B84	Bear Creek Trail - Union Hill to Avondale Road	Construct paved trail with undercrossing improvements at Union Hill Road and Avondale Road
B86	East Lake Sammamish Trail/RCC Connection (SR 520 Undercrossing)	Provide grade separated trail through the SR 520/SR 202 Interchange area along the planned light rail alignment, connecting East Lake Sammamish Trail and Redmond Central Connector. Provide access to the planned Southeast Redmond light rail station. Project cost does not account for modification of SR 520 ramps.
B87	Red-Wood Road Buffered Bicycle Lanes	Add buffered bicycle lanes to Red-Wood Road between NE 90th St to NE 109th St.
B88	NE 80th Street Bicycle Facilities - Redmond Way to 172nd Avenue	Complete bicycle facilities on 80th Street with a combination of bicycle lanes and bicycle boulevard treatment as appropriate for each segment of corridor.

B90	Bel-Red Road Bicycle Lanes - West Lake Sammamish Parkway to 156th Ave NE	Install bicycle connection on 28th Street from 156th Avenue to the planned HAWK signal at Bel-Red Road and the 2800 Block. Coordinate with Microsoft and Bellevue to determine facility type (one way operation preferred).
B92	150th Ave NE Bicycle Lane Completion	Fill in gaps in bicycle facility network on 150th Avenue NE from NE 51st Street to NE 40th Street in both directions, and improve curve radius to allow for truck movements through existing chokepoint. Widen roadway 6' to west and build retaining walls.
B94	Redmond Technology Station Ped-Bike Tunnel	Provide pedestrian/bicycle tunnel underneath 40th Street.
B95	151st Ave NE Sidewalk - NE 64th St to Ben Rush Elementary	Sidewalk on 151st Avenue from 64th Street to the pedestrian pathway that links to Ben Rush.
B96	151st Ave NE Sidewalk - Old Redmond Road to 7500 Block	Safe Routes to School Project. Sidewalk on 151st Avenue from Old Redmond Road to the 7500 Block. Connect 151st Avenue to 152nd Avenue at the 7500 Block
B97	NE 88th St Sidewalk - 171st Ave NE to 172nd Ave NE	Safe Routes to School Project. Sidewalk on 88th Street from 171st Avenue to 172nd Avenue.
B98	NE 89th St Sidewalk - 166th Ave NE to 168th Ave NE	Sidewalk on 89th Street from 166th Avenue to 168th Avenue.
B99	Redmond Central Connector Improvements - Sound Transit Betterments	Implement the ultimate design of the Redmond Central Connector between 164th Avenue NE and the Bear Creek Trail.
B100	SE Redmond Trail - ELST to Station to Marymoor Connector	Regional Paved Trail connecting the East Lake Sammamish Trail to the Southeast Redmond Light Rail Station to the Marymoor Park Trail. See Marymoor Infrastructure Report.
B102	164th Ave NE Sidewalk - NE 95th Street to NE 99th Street	Sidewalk on 164th Avenue from 95th Street to 99th Street
B103	NE 40th St Shared Use Path - 148th Ave NE to SR 520 Trail	Shared side path on south side of 40th Street
B104	Targeted Safety Improvement Project - Union Hill & Avondale Bike Lane Connection	On Union Hill Road: add a westbound bike lane west of 178th Place NE to Avondale Road and a eastbound bike lane, east of Avondale Road connecting to existing bike lane after the intersection.
B105	Sidewalk Repair -- 166th Avenue NE	Replace sidewalk panels where damaged and widen sidewalk where width does not meet ADA.
CITYWIDE PROGRAMS		
P2	Bridge Structure and Repair Program	Bridge structure and repair projects maintain the structural integrity and safety of all 18 of the City's bridges. Bridge records including construction, inspection, and maintenance are maintained in a filing system in accordance with State guidelines. These records are also included in a State of Washington database. Bridge inspections are done every two years for most bridges and yearly for bridges with scouring potential. These inspections inform specific bridge work projects. All work is then prioritized, scheduled and completed.
S1	Neighborhood Traffic Calming Program	Neighborhood traffic calming improvement projects implement safety policies specified in the Comprehensive Plan and Transportation Master Plan. Staff investigates and evaluates neighborhood traffic safety problems using a two-phase "3E's" (education, enforcement & engineering) approach; and where needed, coordinates design, development and implementation of context sensitive mitigation solutions. * consults and advises on traffic calming as it relates to City standards, best-practices for transportation policy, neighborhood planning, Capital Investment Program (CIP) and private development projects * investigates traffic safety issues pertaining to school walk routes, pedestrian safety and crosswalk marking * Coordinates with: Redmond Police (enforcement component); * Redmond Fire Department, * Lake WA School District

S2	Street Channelization Improvement and Maintenance Program	Street channelization projects install striping and signing and to enhance and maintain crosswalks and stop bars to improve safety. The channelization funding is shared between MOC and City Hall staff. A portion of the funds are used for new channelization improvements needed to enhance safety or operations. The remainder is used for the yearly maintenance of crosswalks and stop bars in the City.
S5	Street Lighting Enhancement Program	The Street Lighting Program is used to fund improvements to the City's street lighting system. The funds are used to design and construct new street lights at key locations where additional illumination would benefit safety and user accessibility. Funding from the program is also added to other CIP projects to help complete missing links in the street light system.
S80	Sustainability LED Street Light Retrofit	Convert existing street lights owned by Puget Sound Energy.
	MAJOR STREET	
C90	148th Ave Second Left Turn Lane at 24th St	Add an eastbound and westbound left turn lane on NE 24th Street at the intersection with 148th Avenue NE.
	PRESERVATION	
P18	148th Avenue NE Pavement Rehabilitation - NE 36th St to Redmond Way	Reconstruct portions of and provide overlay of 148th Avenue NE from Redmond Way to Willows Road. Make drainage improvements where needed. Examine roadway channelization for improved efficiencies.
P20	NE 90th St Bridge Deck Overlay	Reseal concrete bridge deck with epoxy overlay.
P25	NE 24th St Pavement Rehabilitation	Rehabilitate and overlay pavement surface to extend useful life of roadway.
P26	NE 104th St Pavement Rehabilitation - 166th Ave NE to 184th Ave NE	Rehabilitate and overlay pavement surface to extend useful life of roadway.
P28	Avondale Way Sidewalk Preservation - 170th Pl NE to Union Hill Rd	Replace existing sidewalk on southeast side that has been severely damaged by tree roots uplifting the sidewalk.
P29	NE 95th St Bridge Replacement	Complete design and construction of NE 95th Street Bridge.
P30	166th Ave NE Pavement Rehabilitation - NE 85th St to NE 102nd St	This project will rehabilitate and overlay the pavement surface to extend the useful life of the roadway on 166th Ave NE from NE 85th Street to NE 102nd Street.
P31	161st Ave NE Pavement Rehabilitation - NE 85th St to NE 90th St	Rehabilitate and overlay pavement surface to extend useful life of roadway.
P32	NE 90th St Pavement Rehabilitation - Willows Rd to Red-Wood Rd	Rehabilitate and overlay pavement surface to extend useful life of roadway.
P33	NE 40th St Sidewalk Rehabilitation - 163rd Ave NE to Bel-Red Rd	Replace existing sidewalk and adjacent walls that has been severely damaged by tree roots uplifting the curbs and sidewalk.
P34	Cleveland Street Sidewalk Rehabilitation - 164th Ave NE to 168th Ave NE	Replace broken and heaved sidewalk panels on Cleveland Street between 164th Avenue NE and 168th Avenue NE. This project will not be necessary if B43--Cleveland Street East Main Street Improvements is constructed.
P35	164th Ave NE Sidewalk Rehabilitation - Redmond Way to NE 90th St	Remove and replace sidewalk and street trees on both sides of 164th Ave NE between Redmond Way and NE 90th St
P36	NE 85th Street Bridge Deck Overlay	Rehabilitate the concrete bridge deck on NE 85th Street over the Sammamish River.
P38	148th Ave NE Pavement Rehabilitation - Redmond Way to Willows Rd	Rehabilitate and overlay pavement surface to extend the useful life of 148th Ave NE from Redmond Way to Willows Road.
P41	Sidewalk Repair Project - Downtown Neighborhood	Remove and replace damaged sidewalks and impacted utilities as prioritized in the Comprehensive Right-of-Way Study, completed in 2016.

P42	Sidewalk Repair Project - Overlake Neighborhood	Remove and replace damaged sidewalks and impacted utilities as prioritized in the Comprehensive Right-of-Way Study, Completed in 2016.
P100	10,000 Block of Avondale Road Erosion	Stabilize slope and control erosion to protect Avondale Road and provide an environmental lift for Bear Creek through the project site.
P102	Pavement Management Project- Avondale Road	Rehabilitate and overlay pavement surface to extend useful life of roadway.
P103	Pavement Management Project - West Lake Sammamish Parkway	Rehabilitate and overlay pavement surface to extend useful life of roadway.
P104	Pavement Management Project - 2021-2022	Pavement Repairs around the City based on a prioritized list.
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SAFETY AND SYSTEM MANAGEMENT		
L14	Adaptive Signal System - Downtown	Optimize signal timings automatically cycle to cycle within a network to make improvements to traffic flow in the order of 3% 30% for a particular corridor or network of signals. Phase I is for signals in Downtown and will mitigate some of roadway efficiency lost by the Couplet Conversion project. Currently, signal timings are adjusted every 4 to 6 years, and are always the same for a given day of week and time of day. This system would optimize timings every 60 seconds.
S47	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. North leg improvements 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.
S53	Avondale Road Intersection Realignment at NE 95th St - Design	Begin design to realign the intersection to reduce the skew, adds a north leg crosswalk, eliminates split phasing and provides for southbound U turns. It also moves the signal pole off the island to the side of the road.
S55	Flashing Beacon - 161st Ave NE Pedestrian Crossing at NE 81st St	Provide rectangular rapid flashing beacon pedestrian crossing of 161st Ave NE at approximately 8100 block.
S57	152nd Ave NE Pedestrian Crossing at NE 21st St	Pedestrian crossing with rectangular rapid flashing beacons at the intersection of 152nd Ave NE and NE 21st St.
S59	West Lake Sammamish Parkway Dynamic Curve Warning - Design	Evaluate the need for dynamic curve warning signs on West Lake Sammamish Parkway between NE 38th St and NE 40th St.
S62	Adaptive Signal System - Overlake	Install and support an adaptive signal system which utilizes software to adjust signal timings to traffic volumes in real time. Includes signals throughout Overlake.
S63	Adaptive Signal System - Southeast Redmond	Install and support an adaptive signal system which utilizes software to adjust signal timings to traffic volumes in real time. Includes signals in Southeast Redmond and on Avondale Road.
S64	Flashing Beacon - NE 116th St Pedestrian Crossing at 159th Ave NE	Install pedestrian crossing on NE 116th St at 159th Ave NE.
S65	Adaptive Signal System - Neighborhood Arterials	Install and support an adaptive signal system which utilizes software to adjust signal timings to traffic volumes in real time.
S71	Flashing Beacon - 180th Ave NE at 70th St	Targeted Safety Improvement Project (TSIP) - Rectangular Rapid Flash Beacon Crossings (180th Avenue NE at NE 70th Street)
S72	Bridge Deck Overlay - NE 85th Street	Reseal concrete bridge deck with an epoxy overlay.
S73	132nd Avenue NE & NE 100th Street Signal	Contribute funds to a new signal at 132nd Avenue NE and NE 100th Street. City of Kirkland will design and build the project.
S74	ELSP & 187th Ave NE Left Turn Lane	Install SE left turn lane and SW left turn pocket on East Lake Sammamish Parkway and 187th Avenue NE.
STREETS		

C45	156th Ave NE and Bel-Red Southbound Right Turn Lane	Construct a southbound right-turn lane. Construction planned to begin after the construction of at least 1,400,000 net new gross square feet on the Main campus, or sooner at Microsoft's option. Improvements could also be triggered by the Esterra Park development.
C46	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.
C56	Overlake Access Ramp	Construct eastbound access ramp from SR 520 to roundabout at 150th Ave NE and interim at-grade roadway connection between the roundabout and 152nd Ave NE. Ramp would diverge from eastbound 148th Ave NE off-ramp, be grade-separated from 148th Ave NE and connect with City streets at 150th Ave NE. The ramp would include 1 general purpose lane, and auxiliary lanes and HOV/Transit treatments as applicable.
C57	152nd Avenue NE Improvements - NE 24th St to NE 31st St	152nd Ave NE will include one through lane in each direction, turn lanes, cycle tracks, on-street parking, sidewalks and additional pedestrian amenities, per the Overlake Village Street Design Guidelines. Developers will complete the improvements as required through frontage improvements and development agreements. The Group Health Development Agreement requires completion of improvements on 152nd Ave NE along the now-Capstone development frontage.
C64	Redmond Way Bridge Modifications and 76th Street Widening	Reconfigure bridge to add a second east-bound left turn lane by removing the sidewalk on the south side of bridge adding a separate pedestrian-bicycle bridge over Bear Creek. In addition, widen NE 76th Street to accept the dual left turns from Redmond Way. The ped/bike bridge will provide a dual function to both replace the existing narrow walkway and accommodate a future connection between Bear Creek Trail and East Lake Sammamish Trail on the south side of SR 520.
C65	Redmond Way and ELSP Intersection Improvements	At Redmond Way & East Lake Sammamish Parkway, increase capacity by physically separating eastbound right from westbound left and by converting northbound triple left turns (on East Lake Sammamish Parkway) to two left turns and one through lane to better spread traffic between the three lanes. Revise pedestrian crossing to provide one crossing at each leg of the intersection.
C67	Redmond Way Westbound Right Turn Lane	Construct second westbound lane on Redmond Way that transitions to right turn lane at 164th Ave NE where not completed by adjacent development.
C68	NE 70th St Improvements - Redmond Way to 180th Ave	Complete the 70th Street Extension from Redmond Way to 180th Avenue per the Marymoor Subarea Plan (includes general purpose lanes, turn lanes, bicycle lanes, and sidewalks).
C69	152nd Avenue NE Improvements - NE 20th St to NE 24th St	Continues 152nd Ave NE Main Street improvements south from NE 24th St to NE 20th street. Half street improvements on west side will be completed through KCC Limited Edition development agreement.
C70	148th Ave NE Corridor Improvements - Bel-Red Rd to SR 520	Improve intersections on 148th Avenue NE at NE 20th Street and NE 24th Street; Create third northbound through lane on 148th Avenue NE from Alhazen St/NE 22nd St to SR 520 eastbound on-ramp.
C71	148th Ave NE Northbound Through Lane - Bel-Red Road to NE 22nd St	Create continuous northbound through lane on 148th Ave NE between Bel-Red Road and Alhazen/NE 22nd St.
C73	Avondale Road School Bus Pullouts	Install school bus pullouts on Avondale Road including at Novelty Hill Road, NE 95th St, 188th Ave NE/182nd Ave NE, 180th Ave NE, and NE 90th St.
C74	148th Ave NE Right Turn Lane at NE 20th St	Add northbound right turn lane at 148th Ave NE & NE 20th St.
C75	Willows Rd and NE 91st St Intersection Realignment	Realign intersection of NE 91st Street and Willows Road.

C76	NE 124th Street and 162nd Place 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.
C77	DaVinci Ave Interim Overlake Access Ramp Connection - ROW	Connect the Overlake Access Ramp south to serve significant development south of 24th Street. Interim project provides vehicle access and basic pedestrian facilities - development to complete full buildout of street section.
C78	173rd Ave NE Completion - NE 67th St to NE 70th St	Complete roadway section per the Marymoor Infrastructure Plan, including one general purpose lane in each direction, parallel parking on the east side of the road, cycle tracks, planter strip and sidewalk.
C80	NE 24th Street Multimodal Improvements - 148th Ave NE to Bel-Red Road	Construct 6 foot cycle tracks on both sides of the street, separated from travel lanes by a continuous 6.5 foot planter strip. Sidewalk to be expanded to 9 feet starting from back of cycle track. See Overlake Village South Plan for Details.
C81	West Lake Sammamish Parkway Improvements Design	Design of multi-modal transportation improvements including two additional general purpose lanes, bicycle lanes, sidewalks, trail, and proposed roundabout at Bel-Red Road.
C83	Alhazen Street - 148th Avenue to 152nd Avenue	Complete roadway per Seritage and Limited Edition Development Agreements including one general purpose lane in each direction, bicycle lanes, planter strips, and sidewalks.
C84	Lumiere Avenue - 20th Street to 24th Street	Complete roadway per Seritage Development Agreement including one general purpose land in each direction, planter strip, and sidewalks.
C85	DaVinci Avenue - 20th Street to 24th Street	Complete roadway per Seritage and Limited Edition Development Agreements including one general purpose lane in each direction, bike lanes, planter strips, and sidewalks.
C86	70th Street Improvements - Redmond Way to 173rd Avenue	Construct new 70th Street from Redmond Way to Marymoor Light Rail Station and 173rd Avenue. Intersection improvements include Redmond Way and 70th Street for an additional northbound left turn lane on Redmond Way to 70th Street.
C88	Willows Road Improvement Phase 1	Install two new signals, one at Willows Creek and one at Physio Control and add 1,000 feet of new turn lane.
C89	Plaza Street Connection	Add 100ft extension of Plaza Street to Overake Access Ramp being constructed by WSDOT.
C91	172nd Avenue NE Opening	Remove the existing gate on 172nd Avenue NE at NE 124th Street and add minor traffic calming between NE 124th Street and NE 128th Street.
	TRANSIT AND HOV	
L9	Sound Transit East Link - City ST3 Planning	Staff oversight & participation in implementing East Link light rail. ST is currently designing and constructing the extension of light rail from Downtown Seattle to Redmond. Process requires substantial City involvement to ensure system will be consistent with Redmond's interests. It requires experienced City staff time & consultants -- light rail design and operation & how light rail fits with land use. City's key interest areas: station access (e.g. pedestrian and bike facilities, additional street and access connections, & transit), station design, integration w/future development & efforts to extend light rail to downtown Redmond.