

TIP - Project Descriptions

DOWNTOWN URBAN CENTER

- B31 Bear Creek Trail Connector, Redmond Town Center to Marymoor Park
Construct paved multi-use trail that would cross over Bear Creek on a new bridge and pass under SR 520 on the east side of the Sammamish River connecting Downtown Redmond neighborhood directly to Marymoor Park.
- B36 Redmond Central Connector Phase 1
Design and construct 1.1 miles of hard-surfaced trail along the former BNSF railroad corridor. The project will have side trails and street connections, and will be based on the Redmond Central Connector Master Plan.
- B43 Cleveland Street East
Enhance pedestrian facilities to complete buildout of Cleveland Street for two-way operation.
- B44 Gilman Street to Central Connector Completion
Connect the existing terminus of Gilman Street to the Central Connector for bicycles and pedestrians
- C53 Redmond Way and Cleveland Street Couplet Conversion
Convert Redmond Way from 160th Ave NE to Avondale Way to 1 through lane in each direction and center turn lane. Convert Cleveland St to 1 through lane in each direction. A realignment of the streets at eastern and western ends will improve traffic flow and include gateway treatments. Pedestrian improvements will be constructed on Redmond Way. A BAT lane will be completed from the Bear Creek Bridge near SR 520 to 168th Ave with a queue jump at Avondale Way.
- C58 Cleveland Streetscape
In advance of the conversion of Redmond Way/Cleveland St Couplet Conversion back to two-way operation. Construct curb extensions, wide sidewalks, pedestrian amenities and gateway treatments.
- M16 Redmond Central Connector Parking Lot
Shared parking facility for the Downtown neighborhood, at the intersection of Bear Creek Parkway and Leary Way. Implemented in coordination with the Redmond Central Connector to support the transportation system and enable users to park once and walk multiple destinations in Downtown.
- P14 Redmond Way Overlay Phase 2
This project repairs fatigued pavement areas, includes a two inch thick asphalt overlay, and the replacement of all channelization and signal loops on Redmond Way and Cleveland Street from Bear Creek Parkway to 164th Avenue NE. This work may be done in conjunction with other resurfacing work as part of the Couplet Conversion.
- S34 164th Avenue NE Rechannalization
Rechannelize street to one through lane in each direction, two-way left-turn lane, and bike lanes.
- S41 166th Avenue NE Rechannalization
Rechannelize to a cross section that includes 1 through lane in each direction, a center two-way left-turn lane and bike lanes.

OVERLAKE URBAN CENTER

- B37 520 Trail Grade-Separation at NE 40th St
Grade separate 520 Trail at NE 40th St to improve bicycle and pedestrian access along the 520 Trail, reduce conflicts between vehicles and nonmotorized users and improve vehicle operations at the intersection.
- B39 148th Ave NE Multi-use Path over SR 520
Modify channelization and signals, and provide wide multi-use path that is separated from the roadway on the east side of 148th Ave NE to provide a better nonmotorized connection across SR 520.
- B40 Overlake Village Bicycle-Pedestrian Bridge
Design and construct a new bicycle and pedestrian bridge over SR 520 locating the southern landing at the East Link Light Rail Overlake Village Station and Overlake Regional Growth Center with the north landing in the vicinity of the SR 520 Regional Trail and NE 31st Street.

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OVERLAKE URBAN CENTER

- B41 Overlake Transit Center Bicycle-Pedestrian Bridge
Design and construct a new bicycle and pedestrian bridge over SR 520 locating the eastern landing at the Overlake Transit Center with the west landing in the vicinity of the SR 520 Regional Trail and the 3800 block.
- C45 Bellevue-Redmond Rd & 156th Ave NE Intersection Widening
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 Group Health development.
- C46 NE 51st St & 148th Ave NE Intersection Improvements
Improve traffic flow through intersection modifications and widening as part of redevelopment.
- C47 NE 31st St and 156th Ave NE Intersection Widening
Construction additional westbound left-turn lane. Beginning of construction planned to coincide with the earlier of the internal Main Campus realignment of 157th Ave NE between NE 31st St and 159th Ave NE, or concurrent with the construction of 1,000,000 new gross square feet on the Main Campus.
- C48 Bellevue-Redmond Rd and West Lake Sammamish Parkway Roundabout
Project includes removing existing traffic signal at Bel-Red Road and West Lake Sammamish intersection. Install 2-lane roundabout at Bell-Red Road, West Lake Sammamish intersection and improve pedestrian facilities.
- C49 West Lake Sammamish Parkway NE Widening
Project includes intersection widening at NE 51st St. to increase capacity. The intersection widening project is a BROTS project. The cross section of West Lake Sammamish Parkway between the two intersections will be evaluated to determine the short-term and long-term needs to increase the through lanes from one lane in each direction to two lanes in each direction. Left turn lanes will be provided where necessary and improvements will be made to bicycle and pedestrian facilities, including extending the multi-use path on the east side of West Lake Sammamish Parkway.
- C56 Overlake Access Ramp
Construct eastbound access ramp from SR 520 to 152nd Ave NE at 148th Ave NE Interchange. Ramp would diverge from eastbound 148th Ave NE off-ramp, be grade-separated from 148th Ave NE and connect with 152nd Ave NE at roughly NE 29th St. The ramp would include 1 general purpose lane, and auxiliary lanes and HOV/Transit treatments as applicable.
- C57 152nd Avenue NE Improvements
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 Group Health's frontage.
- C59 NE 40th Street Rechannelization
Within existing right-of-way, resize vehicular lanes and add bike lanes in both directions. Improvements include two 10 foot vehicular lanes in each direction, one turn lane, bike lanes and sidewalks in both directions, and streetscape, stormwater treatment, utilities, and street lights. Locations of existing curbs and sidewalks remain the same.
- C60 NE 40th Street Reconstruction
Add bike lanes on both sides. Improvements include two vehicular lanes in each direction, one turn lane, bike lanes and sidewalks on both sides, streetscape including gateway wayfinding and art elements, stormwater treatment, utilities, street lights, right-of-way and easement acquisition.
- C61 27th Street/28th Street
Construct a new east west street between 152nd Avenue NE and 156th Avenue NE with a 3-lane public roadway (narrowing to 2 lanes adjacent to the future park) with parking and bike lanes along both sides of the street.
- C62 Overlake Access Ramp Local Connection
Construct local street connecting the terminus of the Overlake Access Ramp to 152nd Avenue.

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OVERLAKE URBAN CENTER

- L8 148th Avenue NE Corridor Master Plan
In a partnership with the City of Bellevue develop a corridor master plan for 148th Ave NE. The corridor master plan will complete a preliminary design for the corridor, which will add vehicle capacity to accommodate anticipated future growth in the corridor. The corridor master plan would include sidewalk and landscaping improvements; low impact development techniques, including ways to accommodate stormwater; and take into consideration existing and planned land uses along the corridor. It would also be developed in coordination with Sound Transit's future light rail alignment.
- P16 156 Avenue NE Street Preservation Overlay
Preliminary Engineering / Design, and Construction: Overlay pavement (spot repairs, adjust utility lids, signal loops, channelization, ADA upgrades).
- P18 148th Avenue Rehabilitation
Repair and overlay roadway. Replace pavement markings and signal loops and install ADA compliant curb ramps.
- S47 NE 51st Street at 150th Avenue NE Traffic Signal
Install traffic signal at the intersection of NE 51st St and 150th Ave NE.

PLANNING AND PROGRAMS

- B1 Bicycle Facilities Improvement Program
Improve and complete the City's bicycle plan in accordance with the plan and priorities in the TMP. This program provides new bike connections, improves transit access by bike and enhances energy efficiency.
- B2 Sidewalk Improvement Program
Complete the missing links in the sidewalk system in accordance with the TMP to provide new pedestrian connections in and between neighborhoods, improve transit access, improve pedestrian safety and enhance an energy efficient transportation alternative to driving.
- L5 Transportation Master Plan Update
The Transportation Master Plan (TMP) which was adopted in 2004 included a planned update starting in 2010. With the completion of the Three-Year Action Plan the focus will turn towards data collection for the five year tracking measures included in the TMP, evaluation of the implementation of the 2004 TMP and the TMP update in coordination with the update of the Redmond Comprehensive Plan update.
- L9 Sound Transit East Link
Sound Transit is rapidly designing East Link light rail into Overlake and then into Downtown. This effort requires substantial City attention to Sound Transit's design to achieve a light rail system that is consistent with Redmond's interests. Consultants and City staff will focus on: station access (e.g. pedestrian and bike facilities, additional street and access connections, and transit), station design, transit oriented development feasibility, how the system will fit with future development, and efforts to extend light rail to Downtown Redmond.
- M1 Redmond Trip Reduction Incentive Program (R-TRIP)
The Redmond Trip Reduction Incentive Program (R-TRIP) provides grant funding and staff assistance to Redmond businesses to implement or enhance employee commute trip reduction programs. Direct to commuter incentives, small business assistance, employee recognition, residential programs, and new TDM initiatives are included.
- M6 Parking Management Program
The Parking Management Program implements various parking management and monitoring programs and forms parking partnerships to better manage parking supply. Downtown and Overlake are the emphasis areas.
- M7 Transportation Management Programs (TMP's), Administration and Maintenance
Provide annual program review and notifications, and negotiate updates to development required TMP's when initiated by building owner.

TIP - Project Descriptions

PLANNING AND PROGRAMS

- M13 Citywide Commute Trip Reduction (CTR) Program
Administers and implements the Citywide commute trip reduction (CTR) program (state mandate)
- M14 Growth and Transportation Efficiency Center Implementation
Implements Growth and Transportation Efficiency Center (G-TEC) program as an enhancement to CTR and R-TRIP(M1 and M13) that leverages additional State and local funding to provide enhanced commute trip reduction infrastructure, marketing and implementation support and increased incentives for reducing commute trips and improving alternative transportation and mobility in urban centers.
- P1 Pavement Management Program
Addresses routine pavement needs, including an annual inventory, outreach, street overlays, and major maintenance for the 130 + miles of pavement throughout the City. Rehabilitation of principal arterials is addressed through specific project allocations.
- P2 Bridge Repair Program
Annual inspection and minor maintenance required to keep the city's bridges operating without disruptions.
- S1 Neighborhood Traffic Calming Program
Annual investment to improve safety in residential areas through community meetings, enforcement, and physical devices (i.e. speed humps) to address issues of excessive speeding, high volumes, and concerns for children and pedestrians.
- S2 Channelization Improvement Program
Upgrading and replacing existing markings, and adding new markings at intersections using long lasting materials to improve safety and durability.
- S4 Engineering Contingency Program
Provides funding for miscellaneous engineering and construction tasks at various sites to ensure the City is prepared for emergency situations and can maintain system efficiency.
- S5 Street Lighting Improvement Program
Improve street lighting throughout the City to maintain a safe nighttime environment for walking, biking, and driving.
- S7 Utility Undergrounding Program
Helps implement a code requirement to underground selected overhead utilities, such as power, telephone, and television cable to improve reliability and aesthetics of utilities.
- S29 Transportation Concurrency Management Program
Ensures that data and analysis tools are up-to-date and coordinated with regional partners to reduce cost and increase efficiency.
- S38 Targeted Safety Improvement Program
Annual construction of improvements to ensure the highest priority safety needs are regularly met for all travel choices.
- T12 Shuttle & Transit Service Program
Expand local and transit shuttle service, extending to areas outside Willows and SE Redmond, with an emphasis on Overlake. Continue to work with King County Metro to identify potential new routes and partnership opportunities to add new service.

REDMOND NEIGHBORHOODS

- B19 Puget Sound Energy Trail, Rose Hill Extension
Extend paved Puget Sound Energy Trail from its terminus west of Willows Road to NE 93rd Ct, which connects to 132nd Ave NE.
- B23 Redmond Way Sidewalk
Construct new sidewalk on north side of Redmond Way from 142nd Ave NE to 148th Ave NE.
- B38 Redmond Central Connector Phase 2
Extend the Redmond Central Connector to 100th Street. Rebuild or replace the old rail trestle over the Sammamish River to meet current standards.

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REDMOND NEIGHBORHOODS

- B42 Redmond Central Connector Phase 3
Complete the third phase of the Redmond Central Connector paved shared-use path up to 124th Street.
- C16 160th Avenue NE Extension
Construct new 160th Ave NE from current terminus at approximately NE 99th St north to the street in the Redmond 74 Development. Project would modify 156th Ave NE with the Redmond 74 development from the terminus to Red-Wood Rd. Improvements include 1 through lane in each direction, left turn lanes, bike lanes, curb, gutter, sidewalks, street lights, storm drainage, right of way and easement acquisition.
- C18 116th Street Widening
Based on the design report for this section of roadway, construct the portions of this roadway not completed by the subdivision developers.
- C43 Union Hill Road Widening, Phase 3
This project constructs a five-lane roadway section including bike lanes and sidewalks between 188th Ave. NE and the east city limits. It is the final phase of the project and will fix bottleneck being created by Union Rd Widening being done as part of the 196th Ave NE Extension project.
- C44 Redmond Way & 140th Ave NE Intersection Widening
Convert northbound lanes to one left turn lane and one left, through, right turn lane and add bike lane.
- C50 NE 76th Street Extension
Construct new NE 76th St from 185th Ave NE to 188th Ave NE. Improvements include 1 through lane in each direction, left turn lanes, bike lanes, sidewalks, street lights, traffic control, storm drainage, right-of-way and easements.
- C51 NE 73rd Street Extension
Construct new NE 73rd St for neighborhood access and circulation from 185th Ave NE to 188th Ave NE. Improvements include 1 through lane in each direction, left turn lanes, sidewalks, streets lights, traffic control, storm drainage, right-of-way and easements.
- C52 188th Ave NE Extension
Construct new 188th Ave NE arterial from NE 68th St to Union Hill Rd. Improvements include 1 through lane in each direction, left turn lanes, bike lanes, curb, gutter, sidewalks, street lights, storm drainage, right-of-way and easement acquisition.
- P6 Avondale Road Bridge Rehabilitation at Bear Creek
The yearly inspection of this bridge in conjunction with the bridge inventory process determines the need for bridge repair. The bridge will eventually need pile reinforcement and bank stabilization.
- P12 NE 95th Street Bridge Replacement
The NE 95th Street Bridge over Bear Creek is a 20 foot span wooden bridge that needs to be replaced because of deteriorating wood and the short span is constricting a major salmon stream and does not meet State Requirements. The replacement will be a 40 foot span concrete structure.
- P15 Willows Road Rehabilitation
This project repairs fatigued pavement areas, includes a two inch thick HMA overlay, and the replacement of all channelization and signal loops on Willows Road from NE 90th Street to NE 124th Street. In addition, examine restriping existing roadway to improve efficiency.
- P17 148th Avenue NE Bridge Seismic Retrofit
Seismically retrofit the structure of the 148th Avenue NE Bridge (Bridge No. 70) to reduce the risk of bridge collapse from earthquakes.
- P19 Avondale Road Rehabilitation
Reconstruct/overlay the roadway. Replace channelization and signal looks. Examine pavement markings for improved efficiency and safety.
- S40 NE 124th Street at 162nd Place NE Intersection Improvements
Install traffic signal and add left turn lanes on 124th Ave NE at 162nd PI NE.

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REDMOND NEIGHBORHOODS

- S42 NE 90th Street at 151st Avenue NE Traffic Signal
 Install traffic signal at NE 90th Street and 151st Avenue NE.
- S44 NE 76th St and 185th Ave NE Intersection Improvements
 Install new traffic signal or roundabout at intersection of NE 76th St and 185th Ave NE.
- S48 116th Street and 172nd Avenue Roundabout
 Construct roundabout to improve safety and access. Complete trail, sidewalk, bicycle lanes, and utility improvements from 167th Avenue to 174th Avenue
- S49 87th Street and 148th Avenue Pedestrian Improvements
 Install intersection improvements that facilitate safe crossing of 148th Avenue for pedestrians and bicycles.
- S50 116th Street and 162nd Avenue Roundabout
 Construct a roundabout at 162nd Avenue per developer requirements. Improvements include bicycle lanes and sidewalks.