

## Bend's Transportation System Plan 2040 Project List

Recommended Near-term Priorities		
Project ID	Project	Description/Location
17	Yeoman Road extension from 18th Street to western terminus	Includes two lane extension and bridge to cross canal.
22	Purcell Boulevard extension From Full Moon Drive to Jackson Avenue	Includes two lane extension.
24	O.B. Riley Road Arterial Corridor upgrade from Hardy Road south to Archie Briggs Road	Includes upgrade to three lane arterial with curb, sidewalk and bike lane improvements.
1TGCI	Galveston Corridor improvements	Multi-modal transportation facility improvements from 14 <sup>th</sup> Street to Riverside Boulevard to help with pedestrian, bicycle, and vehicular connectivity in Galveston Avenue corridor. City is currently completing design effort for this project.
A-4	Study for southern river crossing	Study to identify new river crossing location between Powers Road and Murphy Road, connecting Century Drive to US 97 or 3rd Street.
A-17	Aune Road extension from Bond Street to 3 <sup>rd</sup> Street	Two lane extension of Aune Road to connect 3rd Street and Bond Street. Includes intersection improvement at 3rd Street and a RAB at the intersection of Bond St and Industrial Way.
B-8	Colorado Avenue corridor capacity improvements from Simpson Avenue to Arizona Avenue	Includes incremental approach for Colorado Avenue widening, including right-of-way acquisition and monitoring for if/when widening is appropriate. Implement alternate mobility targets and identify smaller projects to incrementally improve mobility, reliability and safety. Includes intersection capacity improvements at Colorado Avenue/Simpson Avenue roundabout and Colorado Avenue/Industrial Way. Includes complete streets upgrade.
C-2	East-West high-capacity transit (to be completed with C-13)	Includes HCT transit service connecting key east-west destinations (to be coordinated with CET). Includes improved transit connections from neighborhoods to HCT stops.
C-3	North-South high-capacity transit (to be completed with C-13)	Includes HCT transit service connecting key north-south destinations (to be coordinated with CET). Includes improved transit connections from neighborhoods to HCT stops.
C-9	Colorado Avenue / US 97 Northbound ramp intersection safety and capacity improvements	Includes traffic signal or roundabout.
C-13	Mobility Hubs (to be completed with C-2 & C-3)	Citywide implementation of mobility hubs in coordination CET and HTC routes. Assumes up to 5 hubs, including consideration of Hawthorne Station (owned by CET).

Recommended Near-term Priorities		
Project ID	Project	Description/Location
N-13a	Portland Avenue Corridor Project from College Way to Deschutes River. Assumes two intersection improvements.	Multi-modal transportation facility and safety improvements to help with pedestrian, bicycle, and vehicular connectivity.
N-13b	Revere Avenue Interchange Improvements	Parkway coordination project to construct roadway upgrades and an improvement at Wall/Revere intersection
N-24	Franklin Avenue Corridor Study	Conduct a corridor study to determine roadway and intersection improvement needs to serve all users.
N-27	Parrell Road Urban Upgrade from China Hat Road to Brosterhous Road	Construct complete street upgrades and reconstruct roadway from China Hat Road to Brosterhous Road including a roundabout at Chase Road and Powers Road (upon completion of Chase Road extension).
X-22	Study to Evaluate Congestion Pricing	Study to evaluate the feasibility of congestion pricing and other transportation demand management tools within the City of Bend.
29	US 20 southbound Roadway widening from Cooley Road to Empire Avenue	US 20 southbound widening to two lanes.
1TCSI	Citywide safety improvements	Includes 3rd/Hawthorne, 3rd/COID Canal, 3rd/Pinebrook, Brosterhous/Railroad bridge, and Colorado Ave/US 97 improvements.
C-24	Study of crossing solutions to at-grade railroad crossing near Reed Market Road	Study the cost and feasibility of relocating the BNSF switchyards compared to a Reed Market Road overcrossing of the railroad.
TSAP-1	Pettigrew Road & Bear Creek Road long term safety improvement	Construct single lane roundabout.
TSAP-2	US 97 & Powers Road - Interim Improvements	Includes enhanced pedestrian crossings and exit ramp widening <sup>1</sup>
TSAP-3a	3rd Street & Miller Avenue intersection improvements and 3rd Street modifications study (Phase 1)	Study of intersection improvements and 3rd Street modifications
TSAP-3b	3rd Street & Miller Avenue intersection improvements and 3rd Street modifications implementation (Phase 2)	Construct intersection improvements and 3rd Street modifications

<sup>1</sup> Through ARTS funding is allocated for crosswalk treatments and illumination at US 97/Powers. The City is responsible for the cost of exit ramps. The cost estimate reflects the exit ramps only.

Recommended Near-term Priorities		
Project ID	Project	Description/Location
CAP_T27; R-6; R2-B	<b>Midtown Pedestrian Crossings</b> Greenwood Undercrossing Sidewalk Widening Hawthorne Parkway Overcrossing Franklin Ave. Underpass	Widen Parkway undercrossing to include improved multimodal facilities. Close sidewalk gap along Hawthorne and create a grade-separated footbridge over BNSF RR and Hwy 97. Shared use path adjacent to roadway: Widen sidewalk paths under RR and Hwy 97 to modernize design for roadside safety.
N-14	Improve Drake Park pedestrian bridge across the Deschutes River	Replace bridge to accommodate pedestrian and bicycle traffic.
N-15a	Archie Briggs Road Bridge Replacement and Trail Crossing Improvement Design (Phase 1)	Design to improve pedestrian crossing at the Deschutes River Trail Crossing of Archie Briggs Road and replace Archie Briggs Road bridge. Phase 1 would construct trail crossing.
N-17	Olney Protected Bicycle Lanes and Parkway Undercrossing	Provide protected bicycle lanes on Olney Avenue at Parkway undercrossing.
N-21	3rd Street Canal Crossing just south of 3rd Street/Brosterhous Road	Construct pedestrian facilities on 3rd Street across the canal bridge.
R-7	3rd St at RR to Connect KorPine to 3rd St Key Route	Includes crossing improvements between RR & Wilson Avenue and RR & Franklin Avenue
8	Empire Avenue widening to five lanes near US 97 interchange and install traffic signal at SB ramp	Widen Empire to 5 lanes from US 20 to US 97 northbound ramp.
N-16	Reed Market Road/15th Street intersection safety and capacity improvements	Includes expanding the partial multi-lane roundabout to a full multi-lane roundabout.
N-25	Olney Avenue/8th Street Intersection improvement	Improve intersection capacity.
N-26	Revere Avenue/8th Street Intersection improvement	Improve intersection capacity.
15	Powers Road / US 97 preliminary engineering and ROW acquisition for Interchange	May include interchange or overcrossing, pending outcome of the Parkway Study.
26	US 97 northbound on ramp and southbound off ramp at Murphy Road	Construct northbound on ramp and southbound off ramp at Murphy Road.
N-1a	Reed Market Road/US 97 Interchange improvement Study	Study at Reed Market Road/US 97 interchange.
N-1b	Construct Reed Market Road/US 97 Interchange improvement	Construct improvement.
N-28	Butler Market Interchange Frontage Road at US 20/US97	Construct frontage road from US 97 southbound off-ramp to Division Street.

<b>Recommended Near-term Priorities</b>		
<b>Project ID</b>	<b>Project</b>	<b>Description/Location</b>
Key Rt 1	Projects to provide walking/biking facilities from Juniper Ridge to SE Elbow	Biking/walking route runs north-south through the central portion of Bend connecting SE 15th Shared Use Path, 6th St Neighborhood Greenway, Boyd Acres Rd Shared Use Path
Key Rt 2	Projects to provide walking/biking facilities from NW Crossing to East City boundary (new affordable housing location)	East-west connecting Skyliners Rd, Franklin Ave and Bear Creek Rd
Key Rt 3	Projects to provide walking/biking facilities from Shevlin Park to Big Sky Park:	East-west connecting Shevlin Park Rd, Portland Ave, Olney Ave, and Neff Rd
Key Rt 4	Projects to provide walking/biking facilities from West UGB to Portland Ave	North-south connecting Haul Rd Trail to 15th St Neighborhood Greenway
Key Rt 5	Projects to provide walking/biking facilities from Butler Market Rd	Brinson Blvd to NE 6th St
Key Rt 6	Projects to provide a walking/biking crossing of Parkway/RR Hawthorne	Duplicates Project R-6
Key Rt 7	Projects to provide walking/biking facilities from 3rd St at RR	Connects KorPine to 3rd St
Key Rt 8	Projects to provide walking/biking facilities along 27th St	North-south from Hwy 20 to Reed Mkt Rd
Key Rt 9	Projects to provide walking/biking facilities north-south east of 3rd Street	North-south from Murphy Rd to Brosterhous Rd
Key Rt 10	Projects to provide walking/biking facilities north-south west of 97	North-south from Knott Road to Blakely Road
Key Rt 11	Projects to provide walking/biking facilities along Murphy Road	East-west from Powers Road to 15 <sup>th</sup> Street
Key Rt 12	Projects to provide walking/biking facilities along Wilson Avenue	East-west from 2nd Street to SE 15th Street

Recommended Mid-term Priorities		
Project ID	Project	Description/ Location
27	18th Street Arterial Corridor upgrade from Cooley Road to Butler Market Road	Includes upgrade to three lane arterial.
CAP_T59	Sisemore Street Extension	Construct street extension from Arizona avenue to Bond Street.
X-12	Brentwood Avenue extension	Extend a 2-lane collector from Whitetail Street to American Lane
11	O.B. Riley Road intersection safety and capacity improvement	Improvements at key intersections such as Mervin Sampels, Archie Briggs Road, Halfway Road and Glen Vista/Hardy Road.
B-17	15th Street Corridor safety and capacity improvements	From US 20 to Reed Market Road. Includes roundabouts at key intersections, including Wilson Avenue, Ferguson Road, and Knott Road.
X-21	Reed Market Rail Crossing Implementation	Project to implement outcomes of Reed Market at-grade rail study (C-24). Implementation costs could vary significantly based on study findings.
N-15b	Archie Briggs Road Bridge Replacement and Trail Crossing Improvement Construction (Phase 2)	Construct pedestrian crossing improvement at the Deschutes River Trail Crossing of Archie Briggs Road and replace Archie Briggs Road bridge. Phase 2 would construct bridge replacement.
CAP_T2; R-6; R2-B	<b>Midtown Pedestrian Crossings</b> Greenwood Undercrossing Sidewalk Widening Hawthorne Parkway Overcrossing Franklin Ave. Underpass	Widen Parkway undercrossing to include improved multimodal facilities. Close sidewalk gap along Hawthorne and create a grade-separated footbridge over BNSF RR and Hwy 97. Shared use path adjacent to roadway: Widen sidewalk paths under RR and Hwy 97 to modernize design for roadside safety.
X-18	Olney Avenue Railroad Crossing Improvements	Upgrade the railroad crossing to include dedicate sidewalks and bike lanes
14	US 97 / Empire Avenue northbound off ramp widening	US 97/Empire Avenue northbound off ramp widening to two lanes.
28	US 20 intersection safety and capacity improvements	From Robal Road to Old Bend-Redmond Hwy. Intersection control improvements to be determined
C-7	Butler Market Road intersection safety and capacity improvements	From US 97 to 27th Street. Includes roundabouts or traffic signals at 4th Street, Brinson Boulevard, and Purcell Boulevard. Wells Acres Road roundabout as a separate baseline project.
CAP_T45	Revere Avenue/2 <sup>nd</sup> Street Intersection improvement	Improve intersection capacity.
CAP_T46	Revere Avenue/4th Street Intersection improvement	Improve intersection capacity.
CAP_T48	Olney Avenue/4th Street Intersection improvement	Improve intersection capacity.

Recommended Mid-term Priorities		
Project ID	Project	Description/ Location
CAP_T54	Clay Avenue/3rd Street Intersection improvement	Improve intersection capacity.
CAP_T56	Greenwood/8th Street Intersection improvement	Improve intersection capacity.
N-5	Incremental mobility, reliability, and safety improvements to Empire Boulevard / 27th Street Corridor from Boyd Acres Road to Reed Market Road	Includes incremental approach for Empire Boulevard/27th Street widening, including right-of-way acquisition and monitoring for if/when widening is appropriate. Implement alternate mobility targets and identify smaller projects to incrementally improve mobility, reliability and safety. Includes complete streets upgrade.
X-1	Country Club Road/Murphy Road Intersection Improvement	Improve intersection capacity and safety
X-2	Country Club Road/Knott Road Intersection Improvement	Improve intersection capacity and safety
X-6	Ferguson Road/15th Street Intersection Improvement	Improve intersection capacity and safety
X-7	NE 27th Street/Wells Acres Road Intersection Improvement	Improve intersection capacity and safety
X-8	3rd Street/Franklin Avenue Signal Modification	Improve intersection capacity and safety
X-9	3rd Street/Powers Road Signal Modification	Improve intersection capacity and safety
X-10	3rd Street/Badger Road Signal Modification	Improve intersection capacity and safety
X-14	Brosterhous Road/Knott Road Intersection Improvement	Improve intersection capacity and safety
A-6	US 97 North parkway extension (Phase 2; next phase of Project 13)	Includes remaining improvements in the US 97 Bend North Corridor Project FEIS after construction of initial phase.
A-8	Powers Road interchange	Grade separated interchange or overcrossing of US 97 (pending Parkway Study).
N-4	US 97 operational and safety management improvements (as identified in the Parkway Study) and associated City street improvements.	Includes elements of the Parkway Study not currently defined in the project list, such as improvements to implement ramp metering or other interchange improvements.

<b>Recommended Long-term Priorities</b>		
<b>Project ID</b>	<b>Project</b>	<b>Description/ Location</b>
18	New North Frontage Road near Murphy Road	Improvements to be determined.
19	New South Frontage Road near Murphy Road	Improvements to be determined.
20	Britta Street extension (north section)	Includes two lane extension from Hardy Rad to Robal Road.
21	Britta Street extension (south section)	Includes two lane extension from Halfway Road to Ellie Lane.
23	Mervin Sampels Road / Sherman Road Collector Corridor upgrade	Includes upgrade to two lane collector roadway and a traffic signal at US 20 from O.B. Riley Road to Empire Boulevard.
25	27th Street Arterial Corridor upgrade from Bear Creek Road to Ferguson Road	Includes upgrade to three lane arterial and intersection improvements at Ferguson Road
B-29	3rd Street railroad undercrossing widening	Widen 3rd Street to 4-lanes under the railroad, including complete street design from Emerson Avenue to Miller Avenue.
N-19	Eagle Road Functional Urban Upgrade	Classify roadway as Minor Collector from Neff Road to Butler Market Road and construct complete street upgrades.
X-3	Knott Road Urban Upgrade from China Hat Road to 15th Street	Upgrade roadway to urban standards including pedestrian/bicycle improvements
X-4	Country Club Road Urban Upgrade from Knott Road to Murphy Road	Upgrade roadway to urban standards including pedestrian/bicycle improvements
X-19	Powers Road urban upgrades from 3rd Street to Parrell Road	Construct complete street upgrades and reconstruct roadway
X-20	Powers Road urban upgrades from Brookwood Boulevard to 3rd Street	Construct complete street upgrades and reconstruct roadway
X-17	Knott Canal Crossing	Widen the Knott Road Canal to accommodate multimodal facilities
R14	SE 27th Street rural Road upgrade from Stevens Road to Ferguson Road	Includes curb, sidewalk, and bike lane on east side of 27 <sup>th</sup> Street.
R15	SE 27th Street rural Road upgrade from Ferguson Road to Diamondback Lane	Includes curb and sidewalk on east side, bike lanes for both directions on 27 <sup>th</sup> Street.
R16	SE 27th Street rural Road upgrade from Diamondback Lane to access road	Includes curb and sidewalk on east side of 27 <sup>th</sup> Street.
R17	SE 27th Street rural Road upgrade from access road to Knott Road	Includes curbs and sidewalks on both sides of 27 <sup>th</sup> Street.
R18	Knott Road rural Road upgrade from 15 <sup>th</sup> Street to Raintree Court	Includes curbs, sidewalks and bike lanes for both directions on Knott Road.
R19	Knott Road rural Road upgrade from Raintree Court to SE 27 <sup>th</sup> Street	Includes curbs, sidewalks and bike lanes for both directions on Knott Road.

<b>Recommended Long-term Priorities</b>		
<b>Project ID</b>	<b>Project</b>	<b>Description/ Location</b>
R21	Knott Road rural Road upgrade south of China Hat Road	Includes curb and sidewalk on north side of Knott Road.
A-3	Ponderosa Street / China Hat Road overcrossing	Vehicle, pedestrian and bicycle access over US 97 at Ponderosa Street/China Hat Road. Includes intersection improvement at Parrell Road/China Hat Road.
CAP_T47	Olney Avenue/2nd Street Intersection improvement	Improve intersection capacity.
CAP_T49	Greenwood/2nd Street Intersection improvement	Improve intersection capacity.
CAP_T51	Hawthorne Avenue/3rd Street Intersection improvement	Improve intersection capacity.
CAP_T52	Franklin Avenue/2nd Street Intersection improvement	Improve intersection capacity.
CAP_T53	Franklin Avenue/4th Street Intersection improvement	Improve intersection capacity.
N-9	Century Drive/Skyline Ranch Road roundabout	Address existing and future safety and operational needs at intersection; specific improvements to be evaluated in next phase of work.
N-10	Mt. Washington Drive/Metolius Drive roundabout	Address existing and future safety and operational needs at intersection; specific improvements to be evaluated in next phase of work.
N-30	US 20/27 <sup>th</sup> Street Intersection Improvement	Improve intersection capacity.
X-5	China Hat Road/Knott Road Intersection Improvement	Improve intersection capacity and safety
X-15	Empire Avenue/Jamison Street Turning Restrictions	Restrict turning movements on the Jamison approach to right in, right out
N-29	US 97 Frontage Road	Construct frontage road from Ponderosa Street to Baker Road.
X-23	Existing Roadway Reconstruction Projects	Project to quantify the estimated cost to reconstruct roads in a state of disrepair. This project includes the reconstruction of several streets which may be addressed individually or as part of a future program.

<b>Recommended Expansion Area Driven Projects</b>		
<b>Project ID</b>	<b>Project</b>	<b>Description/ Location</b>
10	Stevens Road realignment	Includes connection to Reed Market Road and bridge to cross canal
205	Hunnell Road extension	Construct a two lane collector roadway in the Triangle UGB expansion area.
211	New Road in DSL UGB expansion area	Construct a two lane collector.
212	New Road in DSL UGB expansion area	Construct a two lane collector.
213	New Road in the Elbow UGB expansion area	Construct a two lane collector.
224	New Road in the Elbow UGB expansion area	Construct a two lane collector.
226	New Road in the Elbow UGB expansion area	Construct a two lane collector.
228	New Road in the Thumb UGB expansion area	Construct a two lane collector.
229	New Road in the Thumb UGB expansion area	Construct a two lane collector.
248	Loco Road extension	Construct a two lane collector.
206a	New Road in Triangle UGB expansion area	Construct a two lane collector.
207a	Yeoman Road extension from Deschutes Market Road to Hamehook Road	Construct a two lane collector.
215a	New Road in DSL UGB expansion area	Construct a two lane collector.
N-23	Collector between US20 and Hunell Rd	Construct new collector between US 20 and Hunnell Road. Road would be south of Cooley road and north of Robal Road.
N-18	Projects of Regional Significance from Subarea Planning Efforts	Subarea planning efforts will identify infrastructure needs to serve Opportunity and Expansion Areas, which are key development areas for the City. Projects that result should be added to the 2040 project list as necessary.
R1	O.B. Riley Road rural Road upgrade from Hardy Rd to Cooley Rd	Includes curb and sidewalk on east side, bike lanes both directions.
R2	Cooley Road rural Road upgrade from O.B. Riley Road to US 20	Includes curbs, sidewalks and bike lanes both directions.
R3	Cooley Road rural Road upgrade from US 20 to Hunnell Road	Includes curb and sidewalk on north side, bike lanes both directions, and an intersection improvement at Cooley Road/Hunnell Road.

<b>Recommended Expansion Area Driven Projects</b>		
<b>Project ID</b>	<b>Project</b>	<b>Description/ Location</b>
R4	Hunnell Road rural Road upgrade from Cooley Road to Loco Road	Includes sidewalk on west side of Hunnell Road.
R5	Yeoman Road rural Road upgrade from western terminus to Deschutes Market Road	Includes curbs, sidewalks and bike lanes both directions.
R6	Deschutes Market Road rural Road upgrade from Yeoman Road to canal	Includes curb and sidewalk on east side, bike lanes both directions.
R7	Deschutes Market Road rural Road upgrade from canal to Butler Market Road	Includes curb and sidewalk on east side of Deschutes Market Road.
R8	Butler Market Road rural Road upgrade from Deschutes Market Road to Eagle Road	Includes curb and sidewalk on north side of Butler Market Road.
R9	Butler Market Road rural Road upgrade from Eagle Road to Clyde Lane	Includes curbs, sidewalks and bike lanes for both directions on Butler Market Road.
R10	Butler Market Road rural Road upgrade from Clyde Lane to Hamby Road	Includes curb and sidewalk on north side, bike lanes for both directions on Butler Market Road.
R11	Butler Market Road rural Road upgrade from Hamby Road to Hamhook Road	Includes curbs and sidewalks on both sides of Butler Market Road.
R13	Stevens Road rural Road upgrade from Stevens realignment to Bend UGB boundary	Includes curbs, sidewalks and bike lanes for both directions of Stevens Road.
R23	Clausen Drive rural Road upgrade from Loco Road to northern terminus	Includes sidewalk on west side of Clausen Drive.
R24	China Hat Road rural Road upgrade north of Knott Road	Includes sidewalks on both sides of China Hat Road.
R25	China Hat Road canal bridge widening	Widen bridge to include sidewalk on both sides of China Hat Road.
R26	Deschutes Market Road canal bridge widening	Widen bridge to include sidewalk on west side of Deschutes Market Road.
N-22	Cooley Road/Hunnell Road Intersection Improvement	Add intersection improvement at Cooley/Hunnell to Cooley Road.