# PROPOSED
# TRANSPORTATION SYSTEM PLAN
# AMENDMENTS

## *FINANCIALLY CONSTRAINED PROJECT LIST*

## HIGHWAY 47 & DAVID HILL ROAD
## HIGHWAY 47 & PURDIN ROAD/VERBOORT ROAD

## INTERSECTION MITIGATION PROJECTS

## MAY 30, 2017

## Roadway Projects (TSP Table 8-3)

| No. | Name | Description | Purpose | Metro Project ID* | Total Cost ($Million) |
|---|---|---|---|---|---|
| 1 | David Hill Road / Hwy. 47 Intersection Capacity Improvements ~~Extension~~ | ~~Construct new 2-lane collector with bicycle lanes, sidewalks and street lights from existing east terminus to Highway 47~~ Add an additional second circulating lane to the roundabout to provide separation for northbound left turning and through traffic as well as a separate lane for southbound turns. | ~~Improve connectivity and balance circulation.~~ Improve operational deficiencies to ensure mobility standards are met. | 10772 | ~~$13.61~~ $2.5 |
| ~~2~~ | ~~Highway 47 / Pacific Avenue Intersection Improvements *~~ | ~~Additional channelization, crosswalk, and traffic signal modification at intersection. Specific improvements may be modified at a future date.~~ | ~~Improve access and mobility. Improve substandard turn radius and pedestrian crossing.~~ | ~~10780a~~ | ~~$1.3~~ |
| 3 | Highway 47 / Martin Road Intersection Improvements * | Construct improvements (e.g. round-about) at Highway 47 intersection with Holladay Street Extension, and Martin Road/23rd Ave. Extension | Improve operational deficiencies. Improve access and mobility. | 10780b | $1.56 |
| 4 | Highway 47 / B Street Intersection Improvements * | Construct improvements (e.g. traffic signal.) | Improve operational deficiencies. | 10780c | $1.79 |
| 5 | Highway 47 / Fern Hill-Maple Street Intersection Improvements * | Construct improvements (e.g. traffic signal) at Highway 47 intersection with Maple Street / Fern Hill Road, including interconnect with rail crossing | Improve operational deficiencies. | 10780d | $5.0 |
| 6 | 23rd Avenue Extension | Construct new 2-lane collector without median and with bike lanes from Hawthorne Avenue east to Highway 47. | Improve connectivity and balance circulation. Improve access to industrial areas. | 10774 | $4.26 |

| | | | | | |
|---|---|---|---|---|---|
| 15 | Holladay Street Extension | Construct new 2-lane industrial collector from Yew Street from Cornelius to Quince Street | Improve local system connectivity. | 10795 | $12.08 |
| 16 | Hwy 47 /Elm Street Intersection Improvements * | Construct improvements (e.g. traffic signal.) | Improve operational deficiencies. | NA | $0.52 |
| 17 | Yew Street / Adair Street Intersection Improvements * | Construct improvements (e.g. traffic signal) | Improve operational deficiencies. | NA | $2.60 |
| 18 | Overnight Truck Parking | Location to be determined | Develop plan for overnight truck parking. | NA | <$0.11 |
| 19 | B Street Extension | Construct 2-lane local roadway between Hartford Drive and David Hill Road Extension | Improve local street system connectivity | NA | $6.1 |
| 20 | Main Street Extension | Construct 2-lane local roadway between Hartford Drive and David Hill Road Extension | Improve local street system connectivity | NA | $2.34 |
| 21 | Vista Drive Extension | Construct 2-lane local roadway between Watercrest and Thatcher Roads | Improve local street system connectivity | NA | $1.12 |
| 22 | Talisman Lane Extension | Construct 2-lane local roadway between Gales Creek Road and Thatcher Road | Improve local street system connectivity | NA | $0.63 |
| 23 | 19th Avenue/Strasburg Drive Extension | Construct 2-lane collector between southern terminus of Strasburg Drive and E Street at 19th Avenue | Improve connectivity and balance traffic flow | NA | $4.38 |
| 24 | Gales Way, E Street to 23rd Avenue | Reconstruct and widen pavement with curbs, gutters and sidewalks | Improve local street system connectivity and safety | NA | $0.457 |
| 25 | Bonnie Lane/Douglas Street | Construct 2-lane local roadway between Sunset Drive and 26th Avenue | Improve local street system connectivity | NA | $3.08 |
| 26 | Hawthorne Street Extension | Construct 2-lane collector between Willamina Street and 26th Avenue | Improve connectivity and balance traffic flow | NA | $1.30 |

## Forest Grove Financially Constrained Project List (TSP Table 1-2)

| # | Name | Description | Jurisdiction Owner/ Operator | Metro Project ID | RTP Financially Constrained | Total Cost | Non-City Funds | City Funds | Project Timing |
|---|---|---|---|---|---|---|---|---|---|
| 1 | David Hill Road ~~Extension~~ / Hwy. 47 Intersection Capacity Improvements | ~~Construct new 2-lane collector with bicycle lanes, sidewalks and street lights from existing terminus to Highway 47~~ Add an additional second circulating lane to the roundabout to provide separation for northbound left turning and through traffic as well as a separate lane for southbound turns. | ~~City~~ ODOT & County | 10772 | Add[1] | ~~$13.61 **~~ $2.5 **/*** | ~~$13.61~~ $2.50 | $0.0 | ~~0-5 years~~ 6-10 years |
| 2 | Local Transit Improvements – Short Term | Vehicular acquisition and installation of amenities | Ride Connection /City | NA | Add | $0.255 | $0.229 | $0.026 | 0-5 Years |
| 3 | Overnight Truck Parking | Location to be determined | City | NA | No | $0.11 | $0.0 | $0.11 | 0-5 Years |
| 4 | Highway 47 / Fern Hill-Maple Street Intersection Improvements* | Construct pedestrian improvements in short term and vehicle improvements (e.g. traffic signal) at Highway 47 intersection with Maple Street / Fern Hill Road, including interconnect with rail crossing in longer term. | ODOT | 10780d | Add | $5.0 ** | $4.5 | $0.50 | 0-5 years |
| ~~5~~ | ~~Highway 47 / Pacific Avenue Intersection Improvements*~~ | ~~Additional channelization, crosswalk, and traffic signal modification at intersection. Specific improvements may be modified at a future date.~~ | ~~ODOT~~ | ~~10780a~~ | ~~Yes~~ | ~~$1.3 **~~ | ~~$0.8~~ | ~~$0.5~~ | ~~0-5 years~~ |

[1] The City of Forest Grove will nominate this project for addition to the Metro RTP Financially Constrained Project List through the Washington County Coordinating Committee process.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Grove, & Banks, connecting to Banks-Vernonia State Trail, with added short trail south to Tualatin River. | | | | | | | |
| 16 | Highway 47 / Purdin Road Intersection Improvements* | ~~Construct improvements at Highway 47 (e.g. roundabout) to connect Purdin Road and Verboort Rd.~~ Add a northbound right turn slip lane on the south leg of the roundabout and a southbound right turn slip lane on the south leg of the roundabout to the overall roundabout intersection | ODOT & County | 10780f | ~~No~~ Add[2] | ~~$3.32 **~~ $4.0 **/*** | ~~$3.32~~ $4.0 | $0.0 | 6-10 Years |
| 17 | Heather Industrial Connector | Construct new 2-lane industrial collector from west terminus of Heather to Poplar Streets | City & County | 10778 | Yes | $1.73 ** | $1.73 | $0.0 | 6-10 Years |
| 18 | Highway 47 / Elm Street Intersection Improvements* | Construct improvements (e.g. traffic signal.) | ODOT | NA | No | $0.52 ** | $0.52 | $0.0 | 6-10 Years |
| 19 | Yew Street / Adair Street Intersection Improvements* | Construct improvements (e.g. traffic signal) | ODOT | NA | No | $2.6 *** | $0.0 | $2.6 | 6-10 Years |
| 20 | Main Street Extension | Construct 2-lane local roadway between Hartford Drive and David Hill Road Extension | City | NA | No | $2.34 *** | $0.0 | $2.34 | 6-10 Years |
| 21 | Vista Drive Extension | Construct 2-lane local roadway between Watercrest and Thatcher Roads | City | NA | No | $1.12 *** | $0.75 | $0.37 | 6-10 Years |
| 22 | Talisman Lane Extension | Construct 2-lane local roadway between Gales Creek Road and Thatcher Road | City | NA | No | $0.63 *** | $0.42 | $0.21 | 6-10 Years |

[2] The City of Forest Grove will nominate this project for addition to the Metro RTP Financially Constrained Project List through the Washington County Coordinating Committee process.

## Forest Grove Financially Constrained Project List (TSP Table 10-3)

| # | Name | Description | Jurisdiction Owner/ Operator | Metro Project ID | RTP Financially Constrained | Total Cost | Non-City Funds | City Funds | Project Timing |
|---|---|---|---|---|---|---|---|---|---|
| 1 | David Hill Road / Hwy. 47 Intersection Capacity Improvements ~~Extension~~ | ~~Construct new 2-lane collector with bicycle lanes, sidewalks and street lights from existing terminus to Highway 47~~ Add an additional second circulating lane to the roundabout to provide separation for northbound left turning and through traffic as well as a separate lane for southbound turns. | City | 10772 | Add[3] | ~~$13.61 **~~ $2.5 **/*** | ~~$13.61~~ $2.50 | $0.0 | ~~0-5 years~~ 6-10 years |
| 2 | Highway 47 / Pacific Avenue Intersection Improvements * | Additional channelization, crosswalk, and traffic signal modification at intersection. Specific improvements may be modified at a future date. | ODOT | 10780a | Yes | $1.3 ** | $0.8 | $0.5 | 0-5 years |
| 3 | Highway 47 / Fern Hill-Maple Street Intersection Improvements* | Construct improvements (e.g. traffic signal) at Highway 47 intersection with Maple Street / Fern Hill Road, including interconnect with rail crossing | ODOT | 10780d | Add | $5.0 ** | $4.5 | $0.5 | 0-5 years |
| 4 | Thatcher Road Realignment | Realign intersection at Thatcher Road at Gales Creek Road and add traffic signal | City & County | 10773 | Yes | $3.71 *** | $0.0 | $3.71 | 0-5 years |
| 5 | Bike Lanes and Sidewalks | Thatcher (Gales Ck-David Hill), Willamina (Gales Ck-Sunset), B Street (26th-Willamina) Ped & Bike Improvements | City | 10782 | Yes | $4.47 **/*** | $2.47 | $2.00 | 0-5 years |

[3] The City of Forest Grove will nominate this project for addition to the Metro RTP Financially Constrained Project List through the Washington County Coordinating Committee process.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 19th Avenue Improvements * | Cornelius City Limits | | | | | | | |
| 16 | Highway 47 / Purdin Road Intersection Improvements* | ~~Construct improvements at Highway 47 (e.g. roundabout) to connect Purdin Road and Verboort Rd.~~ Add a northbound right turn slip lane on the south leg of the roundabout and southbound right turn lane on the south leg of the roundabout to the overall roundabout intersection. | ODOT & County | 10780f | ~~No~~ Add[4] | ~~$3.32 **~~ $4.0 **/*** | ~~$3.32~~ $4.0 | $0.0 | 6-10 Years |
| 17 | Heather Industrial Connector | Construct new 2-lane industrial collector from west terminus of Heather to Poplar Streets | City & County | 10778 | Yes | $1.73 ** | $1.73 | $0.0 | 6-10 Years |
| 18 | Highway 47 / Elm Street Intersection Improvements* | Construct improvements (e.g. traffic signal.) | ODOT | NA | No | $0.52 ** | $0.52 | $0.0 | 6-10 Years |
| 19 | Yew Street / Adair Street Intersection Improvements* | Construct improvements (e.g. traffic signal) | ODOT | NA | No | $2.60 *** | $0.7 | $1.9 | 6-10 Years |
| 20 | Main Street Extension | Construct 2-lane local roadway between Hartford Drive and David Hill Road Extension | City | NA | No | $2.34 *** | $$0.0 | $2.34 | 6-10 Years |
| 21 | Vista Drive Extension | Construct 2-lane local roadway between Watercrest and Thatcher Roads | City | NA | No | $1.12 *** | $0.75 | $0.37 | 6-10 Years |
| 22 | Talisman Lane Extension | Construct 2-lane local roadway between Gales Creek Road and Thatcher Road | City | NA | No | $0.63 *** | $0.42 | $0.21 | 6-10 Years |
| 23 | 19th Avenue/ Strasburg Drive Extension | Construct 2-lane collector between southern terminus of Strasburg Drive and E Street at 19th Avenue | City | NA | No | $4.38 *** | $1.45 | $2.93 | 6-10 Years |

[4] The City of Forest Grove will nominate this project for addition to the Metro RTP Financially Constrained Project List through the Washington County Coordinating Committee process.