



Planning Commission

Agenda

Study Session

March 26, 2018

Noon

Lausmann Annex, Room 151
200 South Ivy Street, Medford, Oregon

10. Introductions
20. Discussion items
- 20.2 **CP-16-036 TSP Project List Prioritization**
30. Adjournment

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City of Medford

Planning Department

Working with the community to shape a vibrant and exceptional city

MEMORANDUM

Subject Transportation System Plan (TSP) – Project Prioritization
File no. CP-16-036
To Planning Commission *for 03/26/2018 Study Session*
From Carla Angeli Paladino, CFM, Principal Planner
Date March 21, 2018

TSP TOPIC – PROJECT PRIORITIZATION

During last month's study session, staff updated the Commission on the last three policy topics noted on the list below regarding the Transportation System Plan project.

- Goals, Objectives, and Actions
- Level of Service and Concurrency
- Transportation Planning Rule (TPR)
- Design Guidelines
- South Stage Overcrossing
- Project Prioritization

On Monday, the discussion regarding project prioritization will continue. Staff has identified needed projects to be built in order to meet the City's Level of Service standard and other committed projects. The attached memorandum addressed to the City Council outlines some options for discussion.

The Planning Commission and City Council are scheduled to have a joint study session on March 29, 2018, at 6:00 p.m. in the Prescott Room. Project prioritization will be a topic of discussion during that meeting.

PLANNING COMMISSION DIRECTION

The Planning Commission is being asked to review the attached information, think about responses to the questions asked in the Council memorandum, and ask questions of staff in preparation for the joint study session discussion with City Council on Thursday. Staff is seeking direction from both the Planning Commission and City Council regarding which projects to include in the prioritized list.

EXHIBITS

- City Council memorandum dated March 20, 2018 regarding project prioritization



MEMORANDUM

Subject Transportation System Plan Project Prioritization
File no. CP-16-036
To Mayor and City Council
From Carla Angeli Paladino CFM, Principal Planner
 Karl MacNair, P.E., Transportation Manager
Date March 20, 2018 *revised*

for 03/22/2018 Study Session

COUNCIL DIRECTION

- Does Council want to change the Level of Service (LOS) standard from LOS 'D' to LOS 'E' either City wide or at specific intersections?
 - Staff recommends the Level of Service (LOS) standard be modified to LOS 'E' at a minimum for the intersections of Stewart Avenue & South Pacific Highway (Project I17) and Highland Drive and Barnett Road (Project I78) that are included in the different scenarios.
- Which of the four scenarios (on page 5) does the Council want to use as a baseline scenario to prioritize projects?

PRESENTATION OUTLINE

Introduction and Presentation – Matt Brinkley
Discussion and Direction - Mayor and City Council

OVERVIEW

In February, the Council began discussing prioritizing projects for the Transportation System Plan. The Transportation System Plan is a high-level planning and policy document that helps guide how the overall transportation system will function and which priority projects will be constructed in order to facilitate the needs of a growing community. The plan is intended to be a flexible document that changes over time as the City's needs change.

The plan accounts for future growth in the expanded Urban Growth Boundary areas and the project list identifies the higher order streets needed in those locations. Those higher order streets are identified as New Roadway projects and in most cases will be constructed as development occurs. The City participates in the construction of these projects by providing System Development Charge (SDC) credits to the developer. The projected budget

provides a snapshot of the anticipated revenues and expenditures over the life of the plan. It is understood that amounts will fluctuate and that detailed budgeting of projects will occur during the biennial budget cycles.

Staff has reviewed the project list and identified the projects needed in order to meet the City's Level of Service standard over the twenty year planning period. Four different project scenarios have been identified for the Council to discuss and consider. The four scenarios do not include the South Stage overcrossing roadway project.

PROJECTED REVENUES

The Engineering Department has calculated the City's estimated Transportation Revenues from a number of existing funding sources. The table below identifies the revenue estimates by category, the fixed expenditures, and the total revenues. These revenues and expenditures are allocated over the twenty-year planning period under three columns, the near term (2018–2022), mid-term (2023–2027) and long-term (2028–2038) timeframes.

Over the last several months, staff has estimated the revenues as being approximately 75.4 million dollars. Since the study session last month, a review of the numbers by Engineering indicates that the estimates are off by approximately 2 million dollars in the 2018-2022 timeframe. The discrepancy has been attributed to a need for contingency in the near term timeframe. Based on City budget policy, departments are required to have three months of operating contingency in the budget. Based on this change, the revised City revenue estimate is \$72,440,343 to fund capital projects as provided below. (Note: The prior memorandum noted a contingency amount in each of the three timeframes however it only needed to be identified in the near term timeframe. The original memorandum noted the total revenues as \$66,510,343.)

City of Medford 20-Year Transportation Revenue Estimates

Budget Item	2018-2022	2023-2027	2028-2038
Revenue Estimates			
<i>Existing Revenue Sources:</i>			
State Gas Tax	\$ 23,500,000	\$ 23,500,000	\$ 47,000,000
Street System Development Charges (SDC)	\$ 8,750,000	\$ 8,750,000	\$ 17,500,000
Street Utility Fees	\$ 37,000,000	\$ 37,000,000	\$ 74,000,000
Miscellaneous (CBDG, grants, MURA, etc.)	\$ 3,500,000	\$ 3,500,000	\$ 7,000,000
<i>Total Estimated Revenue from Existing Sources</i>	<i>\$ 72,750,000</i>	<i>\$ 72,750,000</i>	<i>\$ 145,500,000</i>
<i>Anticipated Revenue Sources:</i>			
State Transportation Revenue Increase from HB 2017	\$ 6,484,160	\$ 9,887,520	\$ 20,209,600
Total Estimated Revenues	\$ 79,234,160	\$ 82,637,520	\$ 165,709,600
Fixed Expenditures			
Operating Expenses (staff, indirect, non-road capital)	\$ 49,000,000	\$ 49,000,000	\$ 98,000,000
Maintenance (includes 3% annual increase)	\$ 13,272,840	\$ 15,386,859	\$ 38,516,238
Loan Repayment (Foothill)	\$ 5,000,000	\$ 5,000,000	
SDC Credits	\$ 2,250,000	\$ 2,250,000	\$ 4,500,000
Contingency	\$ 2,965,000		
Total Fixed Expenditures	\$ 72,487,840	\$ 71,636,859	\$ 141,016,238
Balance Available for Capital Street Projects	\$ 6,746,320	\$ 11,000,661	\$ 24,693,362
Fund Balance Carried Forward	\$ 30,000,000		
Total Revenue Available for Capital Projects	\$ 36,746,320	\$ 11,000,661	\$ 24,693,362
20-year Total Revenue Available for Capital Projects	\$72,440,343		

PROJECT SCENARIOS AND COSTS

There are two remaining projects in the current transportation plan that are planned to be constructed in the 2018-2022 timeframe. The projects include an Urban Upgrade to Delta Waters (Nome Court to Foothill Road) and a New Roadway project that will extend Columbus Avenue from West McAndrew to Sage Road. The estimated cost of the two projects is \$8.285 million.

PROJECT LOCATION	PROJECT TYPE	PROJECT DESCRIPTION	COST (\$1,000)
Delta Waters Road, Nome Court to Foothill Road	Urban Upgrade	Complete street improvements to major collector standard where one or both sides are not already completed	\$3,860
Columbus Avenue, West McAndrews Road to Sage Road	New Roadway	Realign, extend Columbus Avenue to Sage Rd, and widen to major arterial standard including center-turn lane, bike facilities, and sidewalks	\$4,425
		Total committed projects	\$8,285

In addition to the projects noted above, staff has created four scenarios identifying the projects that need to be funded in order to meet the City's current Level of Service (LOS) standard, LOS 'D'. In order to compare costs, the same scenarios have been calculated assuming a Level of Service standard 'E' for the intersections. The four scenarios attached identify the following:

Scenario 1: Projects needed to meet LOS 'D' with the Foothill/N. Phoenix corridor improved (*Exhibit 1*)

Scenario 2: Projects needed to meet LOS 'D' without the Foothill/N. Phoenix corridor improved (*Exhibit 2*)

Scenario 3: Projects needed to meet LOS 'E' with the Foothill/N. Phoenix corridor improved (*Exhibit 3*)

Scenario 4: Projects needed to meet LOS 'E' without the Foothill/N. Phoenix corridor improved (*Exhibit 4*)

Maps showing the identified projects with and without the Foothill/N. Phoenix corridor are provided in *Exhibits 5 and 6*. The Foothill corridor includes improvements from the intersection of McAndrews to the northern Urban Growth Boundary line. The N. Phoenix corridor includes improvements from the intersection of Barnett Road to the proposed South Stage Road extension.

The estimated cost of the four scenarios plus the committed projects are noted in the table below.

	Scenario	Estimated Costs (\$1,000)	Committed Projects (\$1,000)	Total Scenario plus Committed	Projected Revenues (\$1,000)	Funds Remaining (\$1,000)
1.	LOS 'D' with Foothill	\$106,235	\$8,285	\$114,520	\$72,440	\$-42,080
2.	LOS 'D' without Foothill	\$46,645	\$8,285	\$54,930	\$72,440	\$17,510
3.	LOS 'E' with Foothill	\$70,575	\$8,285	\$78,860	\$72,440	\$-6,420
4.	LOS 'E' without Foothill	\$10,985	\$8,285	\$19,270	\$72,440	\$53,170

Based on the scenarios above, only scenarios 2 and 4 have remaining funds to be distributed to other projects. Scenarios 2 and 4 do not include funding the segments of Foothill Road from McAndrews to the northern Urban Growth Boundary or North Phoenix from Barnett to the South Stage intersection.

Each of the project scenarios include Projects I17 and I78. These intersection projects are located at South Pacific Highway & Stewart Avenue and Highland Drive & Barnett Road. Staff recommends Council change the Level of Service (LOS) standard for these two intersections to LOS 'E' in order to make more realistic and cost effective improvements to these intersections. Modifications to these intersections that meet LOS 'D' would require grade separated turn movements with project costs upward of 40 million dollars. A change to the Level of Service standard provides improvements to the intersections at a more reasonable cost and configuration. Changing these two intersections from LOS 'D' to LOS 'E' saves upwards of 35.5 million dollars. The savings from LOS 'D' to LOS 'E' for the rest of the city is only projected to save 160 thousand dollars.

The City Council has any number of options to consider with these scenarios. Over time, the City may need to reconsider how needed facilities are funded and look at sharing costs as development occurs. Can the segments along N. Phoenix in the expanded Urban Growth Boundary area be completed through a Local Improvement District or other financed project that distributes costs to

surrounding property owners? Does staff apply for every outside funding source possible in order to try and lower the City's costs? Are System Development Charges increased or a special surcharge considered?

Based on Scenario 4, Engineering Staff has provided a recommended project list for the City Council to consider that allocates the remaining \$53 million. The revised list is found in *Exhibit 7*. The identified projects are depicted on a map in *Exhibit 13*. If the Council decides to pursue Scenarios 2 or 4, staff will be seeking direction on which projects Council decides to add to the Tier 1 project list. Each Councilor can use the project list and ward maps (*Exhibits 8-12*) to select projects that total the remaining amounts of 17.5 or 53.1 million dollars respectively. Staff will compile the projects for Council consideration and discussion.

The City Council is being asked to decide on a Level of Service standard and identify a project scenario. Staff will help Council discuss each of the proposed scenarios or combinations of scenarios, to consider the benefits and challenges of each, and begin determining which projects are categorized as Tier 1 projects in the Transportation System Plan. With guidance from Council, staff can provide more refined options for consideration.

EXHIBITS

1. Project list to meet LOS 'D' with Foothill/N. Phoenix corridor improved
2. Project list to meet LOS 'D' without Foothill/N. Phoenix corridor improved
3. Project list to meet LOS 'E' with Foothill/N. Phoenix corridor improved
4. Project list to meet LOS 'E' without Foothill/N. Phoenix corridor improved
5. Map showing the projects with Foothill/N. Phoenix built
6. Map showing the projects without Foothill/N. Phoenix built
7. Engineering staff recommended project list revised
8. All Projects for Ward 1
9. All Projects for Ward 2
10. All Projects for Ward 3
11. All Projects for Ward 4
12. Project ranking criteria list (all proposed projects)
13. Map showing the projects recommended by Engineering Staff

2018-2038 Medford Transportation System Plan Project List - DRAFT						
Scenario 1: Projects Needed to Meet LOS D if Foothill/N Phoenix Corridor Improved						
Project #	Tier	Project Location	Project Type	Project Description	Cost (\$1,000)	Notes
469	Tier 1	Foothill Road, Hillcrest Road to McAndrews Road	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$0	Budgeted; Cost accounted for in budget forecast
122	Tier 1	McAndrews Road at Foothill Road Ramps	Intersection	Install traffic signals (included in Roadway Project 469)	-	Budgeted; Cost accounted for in budget forecast
446	Tier 1	Springbrook Road, Pheasant Lane to Cedar Links Drive	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$0	Budgeted; Cost accounted for in budget forecast
126	Tier 1	Springbrook Road & Cedar Links Drive	Intersection	Install traffic signal or roundabout when warranted (Cost included in Roadway Project 446)	-	Budgeted; Cost accounted for in budget forecast
609	Tier 1	Foothill Road, McAndrews Road to Delta Waters Road	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$50,000	Needed to mitigate the Delta Waters / Foothill Intersection. Jackson County has programmed \$3,000 in 2023
		County Contribution to Project 609			(\$3,000)	
610	Tier 1	Foothill Road, Delta Waters Road to North UGB	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$670	Mitigates the Delta Waters / Foothill Intersection.
611	Tier 1	North Phoenix Road from Barnett Road to Juanipero Way	Widening	Widen to regional arterial standard including two lanes in each direction, center turn-lane, bike facilities, and sidewalks	\$7,600	Mitigates the Barnett / N Phoenix Intersection.
#TBD	Tier 1	North Phoenix Road from Juanipero Way to South Stage	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$7,800	
104	Tier 1	Biddle Road & Lawnsdale Road	Intersection	Update signal phasing and install protected/permitted signal heads in northbound and southbound directions	\$160	
112	Tier 1	Crater Lake Avenue & Owens Drive	Intersection	Install traffic signal or roundabout when warranted	\$0	Budgeted; Cost accounted for in budget forecast
114	Tier 1	Highland Drive & East Main Street	Intersection	Install traffic signal or roundabout when warranted	\$0	Budgeted; Cost accounted for in budget forecast
115	Tier 1	Hillcrest Road & Pierce Road	Intersection	Install traffic signal or roundabout when warranted	\$400	
139	Tier 1	Crater Lake Avenue & East Vilas Road	Intersection	Re-align Crater Lake Ave to the east and install traffic signal	\$400	
140	Tier 1	Crater Lake Highway & East Vilas Road	Intersection	Monitor needs after construction of Crater Lake Highway Bypass	\$5	
175	Tier 1	Valley View Drive & Hillcrest Road	Intersection	Install traffic signal or roundabout when warranted	\$2,200	
Subtotal Tier 1 needed for LOS D if Foothill/N Phoenix Corridor Improved					\$66,235	
117	Tier 1	South Pacific Highway & Stewart Avenue	Intersection	Intersection improvements such as second southbound left and second eastbound left-turn lanes and grade separated northbound left turns	\$20,000	Project scope and estimate are very preliminary. Estimate could +/- 50%
178	Tier 1	Highland Drive & Barnett Road	Intersection	Intersection improvements such as second northbound right-turn lane (protected) and grade separated westbound left turn lanes	\$20,000	Project scope and estimate are very preliminary. Estimate could +/- 50%
Total for these two intersections needed for LOS D					\$40,000	Project scope and estimate are very preliminary. Estimate could +/- 50%
Total Tier 1 needed for LOS D if Foothill/N Phoenix Corridor Improved					\$106,235	

2018-2038 Medford Transportation System Plan Project List - DRAFT						
Scenario 2: Projects Needed to Meet LOS D without Foothill/N Phoenix Corridor Improvements						
Project #	Tier	Project Location	Project Type	Project Description	Cost (\$1,000)	Notes
469	Tier 1	Foothill Road, Hillcrest Road to McAndrews Road	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$0	Budgeted; Cost accounted for in budget forecast
122	Tier 1	McAndrews Road at Foothill Road Ramps	Intersection	Install traffic signals (included in Roadway Project 469)	-	Budgeted; Cost accounted for in budget forecast
446	Tier 1	Springbrook Road, Pheasant Lane to Cedar Links Drive	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$0	Budgeted; Cost accounted for in budget forecast
126	Tier 1	Springbrook Road & Cedar Links Drive	Intersection	Install traffic signal or roundabout when warranted (Cost included in Roadway Project 446)	-	Budgeted; Cost accounted for in budget forecast
104	Tier 1	Biddle Road & Lawnsdale Road	Intersection	Update signal phasing and install protected/permitted signal heads in northbound and southbound directions	\$160	
112	Tier 1	Crater Lake Avenue & Owens Drive	Intersection	Install traffic signal or roundabout when warranted	\$0	Budgeted; Cost accounted for in budget forecast
114	Tier 1	Highland Drive & East Main Street	Intersection	Install traffic signal or roundabout when warranted	\$0	Budgeted; Cost accounted for in budget forecast
115	Tier 1	Hillcrest Road & Pierce Road	Intersection	Install traffic signal or roundabout when warranted	\$400	
124	Tier 1	Phoenix Road & Barnett Road	Intersection	Intersection improvements such as second SBTH lane, WBTH lane, and phasing all lefts as perm+prot	\$880	Needed without Project #611
139	Tier 1	Crater Lake Avenue & East Vilas Road	Intersection	Re-align Crater Lake Ave to the east and install traffic signal	\$400	
140	Tier 1	Crater Lake Highway & East Vilas Road	Intersection	Monitor needs after construction of Crater Lake Highway Bypass	\$5	
145	Tier 1	Foothill Road & Lone Pine Road	Intersection	Intersection control improvements such as right-in/right-out only due to proximity to planned signal at McAndrews ramp - TBD by intersection further analysis and safety analysis	\$400	Needed without Project #609
173	Tier 1	Foothill Road & Delta Waters Road	Intersection	Install turn lanes and traffic signal or roundabout when warranted	\$2,200	Needed without Project #609 and 610
175	Tier 1	Valley View Drive & Hillcrest Road	Intersection	Install traffic signal or roundabout when warranted	\$2,200	
Total Tier 1 needed for LOS D without Foothill/N Phoenix Corridor Improvements					\$6,645	
117	Tier 1	South Pacific Highway & Stewart Avenue	Intersection	Intersection improvements such as second southbound left and second eastbound left-turn lanes and grade separated northbound left turns	\$20,000	Project scope and estimate are very preliminary. Estimate could +/- 50%
178	Tier 1	Highland Drive & Barnett Road	Intersection	Intersection improvements such as second northbound right-turn lane (protected) and grade separated westbound left turn lanes	\$20,000	Project scope and estimate are very preliminary. Estimate could +/- 50%
Total for these two intersections needed for LOS D					\$40,000	Project scope and estimate are very preliminary. Estimate could +/- 50%
Total Tier 1 needed for LOS D without Foothill/N Phoenix Corridor Improvements					\$46,645	

2018-2038 Medford Transportation System Plan Project List - DRAFT						
Scenario 3: Projects Needed to Meet LOS E if Foothill/N Phoenix Corridor Improved						
Project #	Tier	Project Location	Project Type	Project Description	Cost (\$1,000)	Notes
469	Tier 1	Foothill Road, Hillcrest Road to McAndrews Road	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$0	Budgeted; Cost accounted for in budget forecast
122	Tier 1	McAndrews Road at Foothill Road Ramps	Intersection	Install traffic signals (included in Roadway Project 469)	-	Budgeted; Cost accounted for in budget forecast
446	Tier 1	Springbrook Road, Pheasant Lane to Cedar Links Drive	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$0	Budgeted; Cost accounted for in budget forecast
126	Tier 1	Springbrook Road & Cedar Links Drive	Intersection	Install traffic signal or roundabout when warranted (Cost included in Roadway Project 446)	-	Budgeted; Cost accounted for in budget forecast
609	Tier 1	Foothill Road, McAndrews Road to Delta Waters Road	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$50,000	Needed to mitigate the Delta Waters / Foothill Intersection. Jackson County has programmed \$3,000 in 2023
		County Contribution to Project 609			(\$3,000)	
610	Tier 1	Foothill Road, Delta Waters Road to North UGB	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$670	Mitigates the Delta Waters / Foothill Intersection.
611	Tier 1	North Phoenix Road from Barnett Road to Juanipero Way	Widening	Widen to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$7,600	Mitigates the Barnett / N Phoenix Intersection.
#TBD	Tier 1	North Phoenix Road from Juanipero Way to South Stage	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$7,800	
112	Tier 1	Crater Lake Avenue & Owens Drive	Intersection	Install traffic signal or roundabout when warranted	\$0	Budgeted; Cost accounted for in budget forecast
114	Tier 1	Highland Drive & East Main Street	Intersection	Install traffic signal or roundabout when warranted	\$0	Budgeted; Cost accounted for in budget forecast
115	Tier 1	Hillcrest Road & Pierce Road	Intersection	Install traffic signal or roundabout when warranted	\$400	
139	Tier 1	Crater Lake Avenue & East Vilas Road	Intersection	Re-align Crater Lake Ave to the east and install traffic signal	\$400	
140	Tier 1	Crater Lake Highway & East Vilas Road	Intersection	Monitor needs after construction of Crater Lake Highway Bypass	\$5	
175	Tier 1	Valley View Drive & Hillcrest Road	Intersection	Install traffic signal or roundabout when warranted	\$2,200	
Subtotal Tier 1 needed for LOS E if Foothill/N Phoenix Corridor Improved					\$66,075	
117	Tier 1	South Pacific Highway & Stewart Avenue	Intersection	Intersection improvements such as second southbound left and second eastbound left-turn lanes, or an alternative intersection configuration with displaced lefts on the north and south legs.	\$3,000	LOS E with add'l left turn lanes
178	Tier 1	Highland Drive & Barnett Road	Intersection	Intersection improvements such as second northbound right-turn lane (protected) - intersection may need alternative mobility target	\$1,500	LOS E with Mitigation
Total for these two intersections needed for LOS E					\$4,500	
Total Tier 1 needed for LOS E if Foothill/N Phoenix Corridor Improved					\$70,575	

2018-2038 Medford Transportation System Plan Project List - DRAFT						
Scenario 4: Projects Needed to Meet LOS E without Foothill Corridor Improvements						
Project #	Tier	Project Location	Project Type	Project Description	Cost (\$1,000)	Notes
469	Tier 1	Foothill Road, Hillcrest Road to McAndrews Road	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$0	Budgeted; Cost accounted for in budget forecast
122	Tier 1	McAndrews Road at Foothill Road Ramps	Intersection	Install traffic signals (included in Roadway Project 469)	-	Budgeted; Cost accounted for in budget forecast
446	Tier 1	Springbrook Road, Pheasant Lane to Cedar Links Drive	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$0	Budgeted; Cost accounted for in budget forecast
126	Tier 1	Springbrook Road & Cedar Links Drive	Intersection	Install traffic signal or roundabout when warranted (Cost included in Roadway Project 446)	-	Budgeted; Cost accounted for in budget forecast
112	Tier 1	Crater Lake Avenue & Owens Drive	Intersection	Install traffic signal or roundabout when warranted	\$0	Budgeted; Cost accounted for in budget forecast
114	Tier 1	Highland Drive & East Main Street	Intersection	Install traffic signal or roundabout when warranted	\$0	Budgeted; Cost accounted for in budget forecast
115	Tier 1	Hillcrest Road & Pierce Road	Intersection	Install traffic signal or roundabout when warranted	\$0	Budgeted; Cost accounted for in budget forecast
124	Tier 1	Phoenix Road & Barnett Road	Intersection	Intersection improvements such as second SBTH lane, WBTH lane, and phasing all lefts as perm+prot	\$400	
139	Tier 1	Crater Lake Avenue & East Vilas Road	Intersection	Re-align Crater Lake Ave to the east and install traffic signal	\$880	Needed without Project #611
140	Tier 1	Crater Lake Highway & East Vilas Road	Intersection	Monitor needs after construction of Crater Lake Highway Bypass	\$400	
145	Tier 1	Foothill Road & Lone Pine Road	Intersection	Intersection control improvements such as right-in/right-out only due to proximity to planned signal at McAndrews ramp - TBD by intersection further analysis and safety analysis	\$5	
173	Tier 1	Foothill Road & Delta Waters Road	Intersection	Intersection control improvements such as right-in/right-out only due to proximity to planned signal at McAndrews ramp - TBD by intersection further analysis and safety analysis	\$400	Needed without Project #609
175	Tier 1	Valley View Drive & Hillcrest Road	Intersection	Install turn lanes and traffic signal or roundabout when warranted	\$2,200	Needed without Project #609 and 610
			Intersection	Install traffic signal or roundabout when warranted	\$2,200	
Total Tier 1 needed for LOS E					\$6,485	
117	Tier 1	South Pacific Highway & Stewart Avenue	Intersection	Intersection improvements such as second southbound left and second eastbound left-turn lanes, or an alternative intersection configuration with displaced lefts on the north and south legs.	\$3,000	LOS E with add'l left turn lanes
178	Tier 1	Highland Drive & Barnett Road	Intersection	Intersection improvements such as second northbound right-turn lane (protected) - intersection may need alternative mobility target	\$1,500	LOS E with Mitigation
Total for these two intersections needed for LOS E					\$4,500	
Total Tier 1 needed for LOS E without Foothill/N Phoenix Corridor Improvements					\$10,985	

Exhibit 6

City of
Medford

**TRANSPORTATION SYSTEM
PLAN UPDATE**

Projects without Foothill/N Phoenix Corridor Improvements

Legend

Intersection Projects (Proposed Priority Project Type)

- Intersection Projects (Medford Tier 1)

Street Projects (Proposed Priority Project Type)

- Widening Projects (Tier 1)
- Urban Upgrade Projects (Tier 1)

▭ UGB

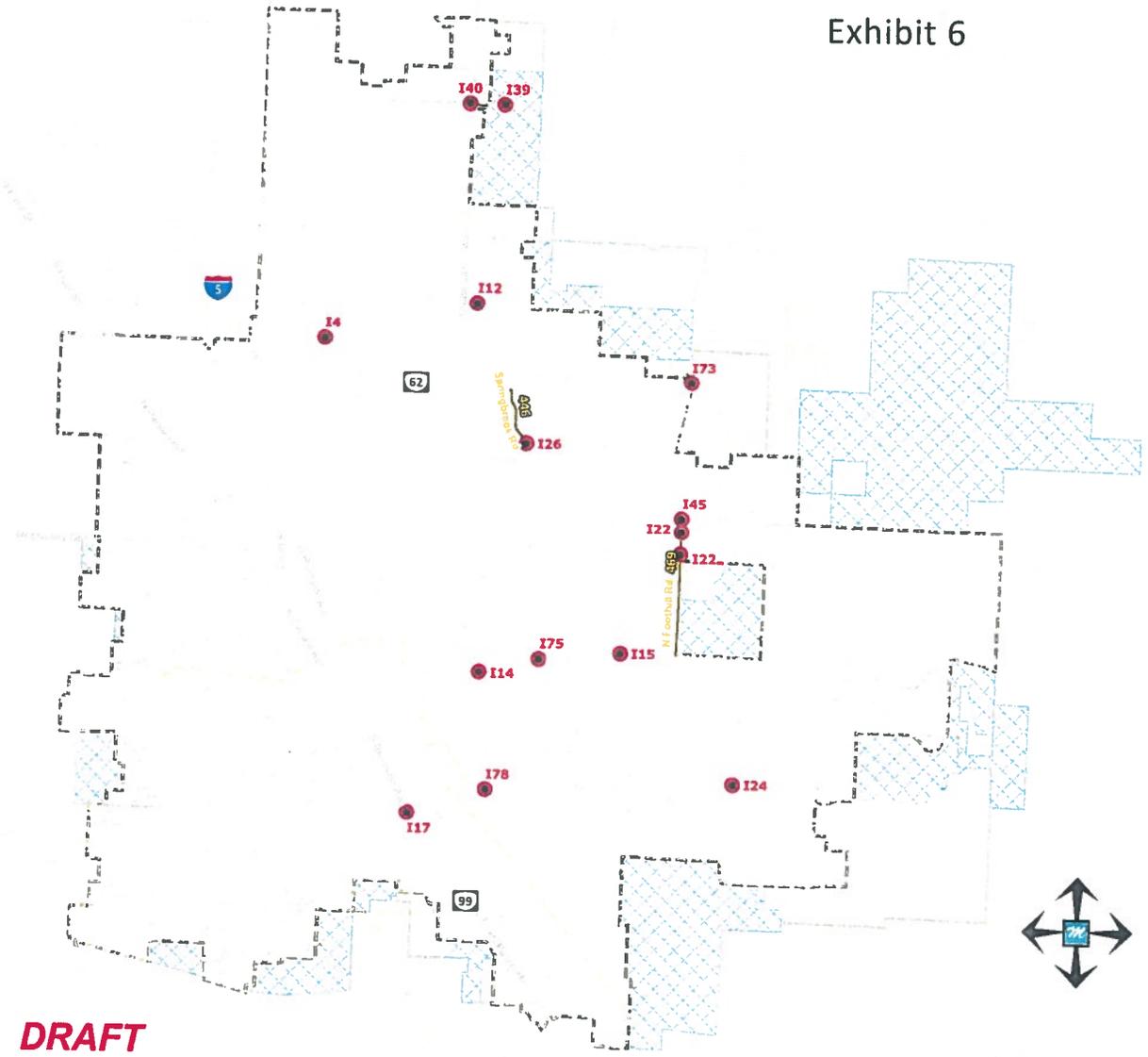
▭ City Limits

▭ Wards

▨ Expansion Area Boundary

▨ Urban Reserve Areas

Note: The map does not show the committed projects (Columbus and Delta Waters)



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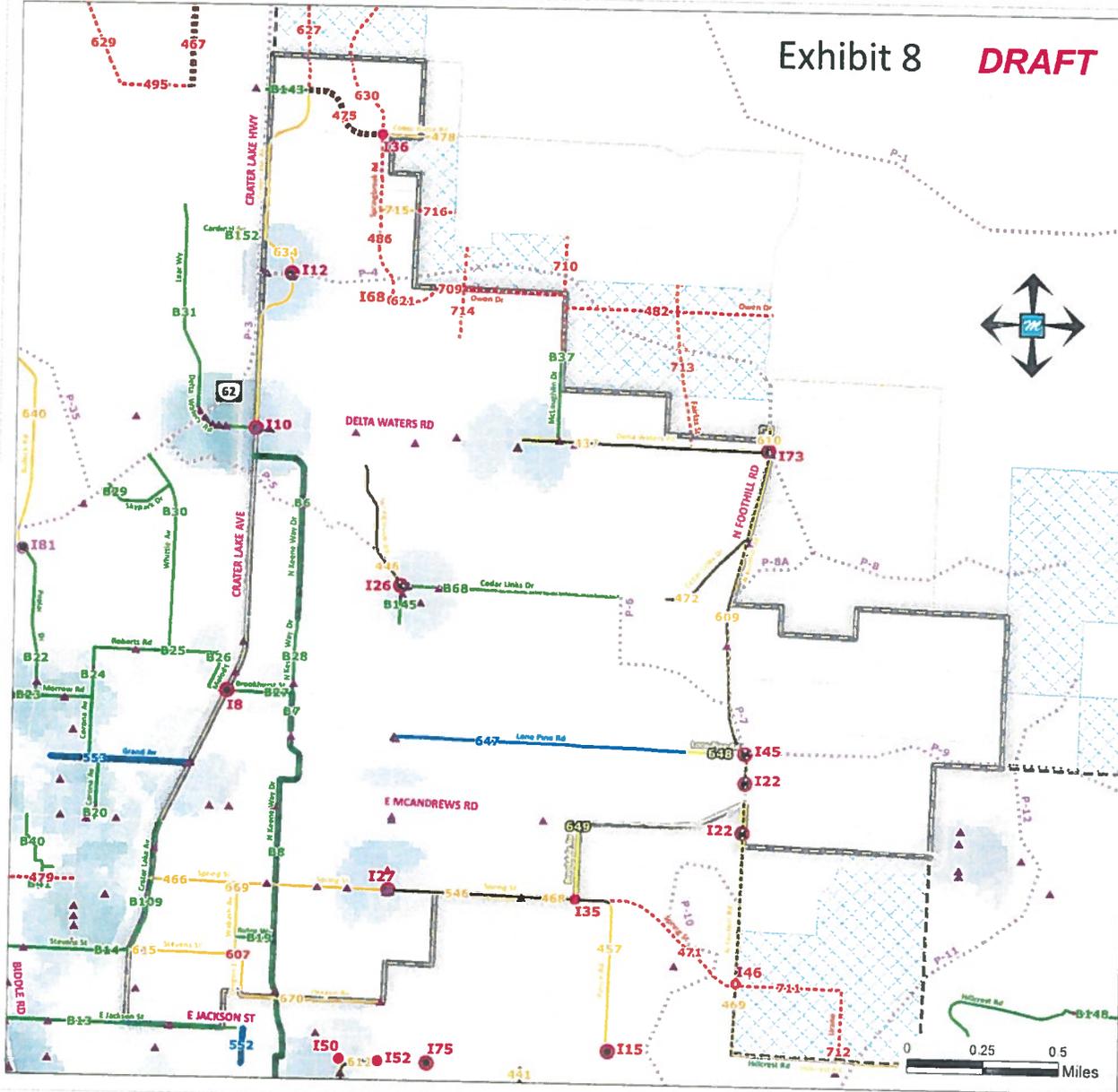
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3/15/2018

2018-2038 Medford Transportation System Plan Project List - DRAFT						
Engineering Staff's Proposed Project List						
Project #	Ward	Project Location	Project Type	Project Description	Cost (\$1,000)	Notes
466	1	Spring Street, Crater Lake Avenue to Sunrise Avenue	Urban Upgrade	Major collector standard including one lane in each direction, center turn-lane, bike facilities, and sidewalks	\$4,510	
615	1	Stevens Street, Crater Lake Avenue to Wabash Avenue	Urban Upgrade	Upgrade to minor collector standard including one lane in each direction, bike facilities, and sidewalks	\$2,065	
475	1	Coker Butte Road, Crater Lake Avenue to Springbrook Road	New Roadway	Realign and upgrade to major arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$3,400	
621	1	Owen Drive, Springbrook Road to Torrent Street	New Roadway	Construct new major collector roadway (includes center turn-lane, bike facilities, and sidewalks)	\$525	
127	1	Springbrook Road & Spring Street	Intersection	Install traffic signal or roundabout when warranted	\$0	Budgeted, Cost accounted for in budget forecast
606	2	Kings Highway, South Stage Road to Stewart Avenue	Urban Upgrade	Upgrade to minor arterial standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$8,495	
537	2	South Stage Road, South Pacific Highway to North Phoenix Road	New Roadway	Construct new minor arterial roadway (includes center turn-lane, bike facilities, and sidewalks) and overcrossing of I-5	\$15,000	\$50 million total project cost (Assumed 30% City, 70% Outside Funds)
708	2	South Stage Road, City Limits to Orchard Home Drive	New Roadway	Realign S Stage Rd and construct new minor arterial roadway (includes center turn-lane, bike facilities, and sidewalks)	\$4,345	
103	2	12th Street & Riverside Avenue	Intersection	Replace/upgrade traffic signal and increase vertical clearance	\$400	End of Life Replacement
447	3	Table Rock Road, Merriman Road to Interstate 5	Urban Upgrade	Upgrade to minor arterial standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$3,575	
490	3	McAndrews Road, Ross Lane to Jackson Street	Urban Upgrade	Upgrade to minor arterial standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$2,045	
105	3	Biddle Road & Stevens Street	Intersection	Replace/upgrade traffic signal	\$400	End of Life Replacement
113	4	Creek View Drive & North Phoenix Road	Intersection	Install traffic signal when warranted. Remove traffic signal at Albertson's access and convert to right-in/right-out only (See SE Plan)	\$400	
121	4	Main Street & Lindley Street	Intersection	Replace/upgrade traffic signal	\$400	End of Life Replacement
P20	4	Southeast Medford	Bicycle/Pedestrian	Construct Multi-Use Path	\$810	Larson Creek Greenway
P19	4	Southeast Medford	Bicycle/Pedestrian	Construct Multi-Use Path	\$811	Larson Creek Greenway (in design)
108	1 & 3	Crater Lake Avenue & Brookhurst Street	Intersection	Replace/upgrade traffic signal to increase vertical clearance and optimize signal timing/phasing	\$400	End of Life Replacement
Pr1	ALL	Various sidewalk gap locations with focus on high-priority areas including schools, activity centers and essential destinations, transit routes, and transit oriented development areas	Pedestrian	Construct sidewalks or other pedestrian facilities at high-priority locations (\$200,000 annually)	\$4,000	
Pr7	ALL	Various bicycle network gap locations with focus on high-priority areas including schools, activity centers and essential destinations, transit routes, and transit oriented development areas	Bicycle	Evaluate and construct potential roadway reconfigurations to accommodate bicycle facilities through re-striping and/or minor reconstruction at high-priority locations (\$100,000 annually)	\$2,000	
Total					\$53,581	

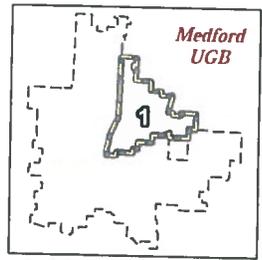
Exhibit 8 *DRAFT*



City of **Medford** TRANSPORTATION SYSTEM PLAN UPDATE

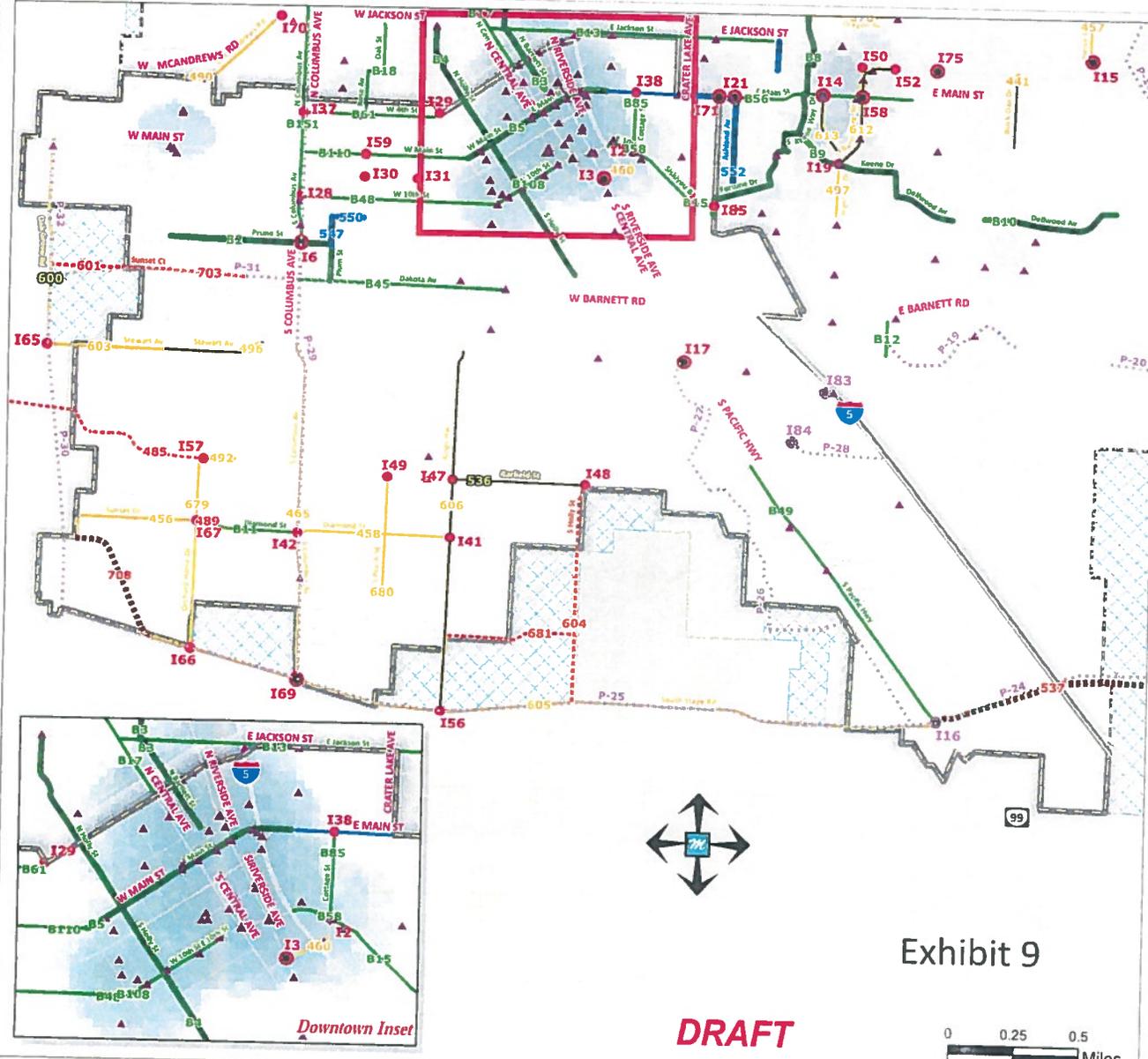
WARD 1 All Projects with Public Comments

- Legend**
- ▲ Location of Comments
 - Comment Point Density
- Intersection Projects (Proposed Priority Project Type)**
- Medford Tier I Intersection Projects
 - Medford Tier II Intersection Projects
 - ODOT Intersection Projects
- Street Projects (Proposed Priority Project Type)**
- Pedestrian, Tier 1
 - Pedestrian, Tier 2
 - Tier 1 Widening Projects
 - Tier 2 Widening Projects
 - Tier 1 Urban Upgrade Projects
 - Tier 2 Urban Upgrade Projects
 - Tier 1 New Roadway Projects
 - Tier 2 New Roadway Projects
 - ODOT Jurisdiction Projects
- Bike Projects (Proposed Priority)**
- Tier 1 Bike Projects
 - Tier 2 Bike Projects
- [] Ward 1
 [] UGB
 [] Expansion Area Boundary
 [] City Limits
 [] Urban Reserve Areas
- MAGENTA STREET LABEL**
= Most Avoided Street from Public Comments



City of **Medford** **TRANSPORTATION SYSTEM PLAN UPDATE**

WARD 2 **All Projects with Public Comments**



DRAFT

Exhibit 9



Legend

- ▲ Location of Comments
- Comment Point Density
- Intersection Projects (Proposed Priority Project Type)**
 - Medford Tier I Intersection Projects
 - Medford Tier II Intersection Projects
 - ODOT Intersection Projects
- Street Projects (Proposed Priority Project Type)**
 - Pedestrian, Tier 1
 - Pedestrian, Tier 2
 - Tier 1 Widening Projects
 - Tier 2 Widening Projects
 - Tier 1 Urban Upgrade Projects
 - Tier 2 Urban Upgrade Projects
 - Tier 1 New Roadway Projects
 - Tier 2 New Roadway Projects
- Bike Projects (Proposed Priority)**
 - Tier 1 Bike Projects
 - Tier 2 Bike Projects
- ▭ Ward 2
- ▭ UGB
- ▭ City Limits
- ▭ Expansion Area Boundary
- ▭ Urban Reserve Areas
- Trails Projects (Leisure Services Plan)

MAGENTA STREET LABEL
= Most Avoided Street from Public Comments

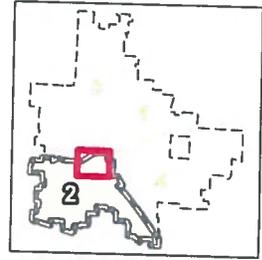
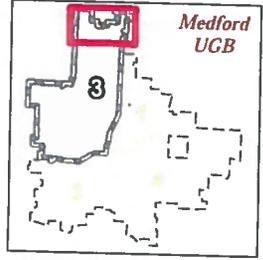


Exhibit 10

City of **Medford** TRANSPORTATION SYSTEM PLAN UPDATE

WARD 3 All Projects with Public Comments

- Legend**
- ▲ Location of Comments
 - Comment Point Density
 - Intersection Projects (Proposed Priority Project Type)**
 - Medford Tier I Intersection Projects
 - Medford Tier II Intersection Projects
 - ODOT Intersection Projects
 - Street Projects (Proposed Priority Project Type)**
 - Pedestrian, Tier 1
 - Pedestrian, Tier 2
 - Tier 1 Widening Projects
 - Tier 2 Widening Projects
 - Tier 1 Urban Upgrade Projects
 - Tier 2 Urban Upgrade Projects
 - Tier 1 New Roadway Projects
 - Tier 2 New Roadway Projects
 - ODOT Jurisdiction Project
 - Bike Projects (Proposed Priority)**
 - Tier 1 Bike Projects
 - Tier 2 Bike Projects
 - Trails Projects (Leisure Services Plan)
 - Ward 3
 - City Limits
 - Expansion Area Boundary
 - Urban Reserve Areas
- MAGENTA STREET LABEL**
= Most Avoided Street from Public Comments



1/31/2018

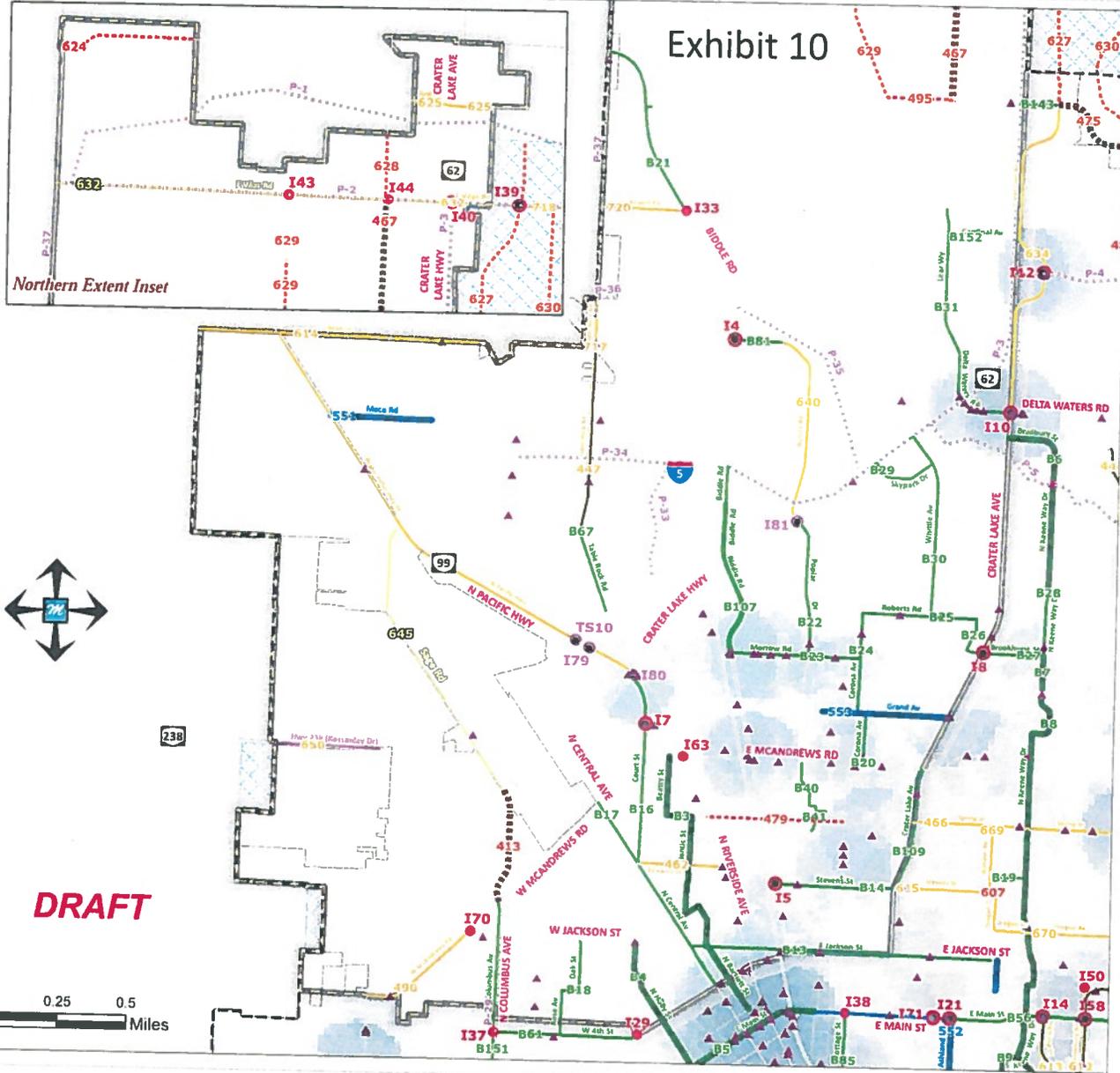
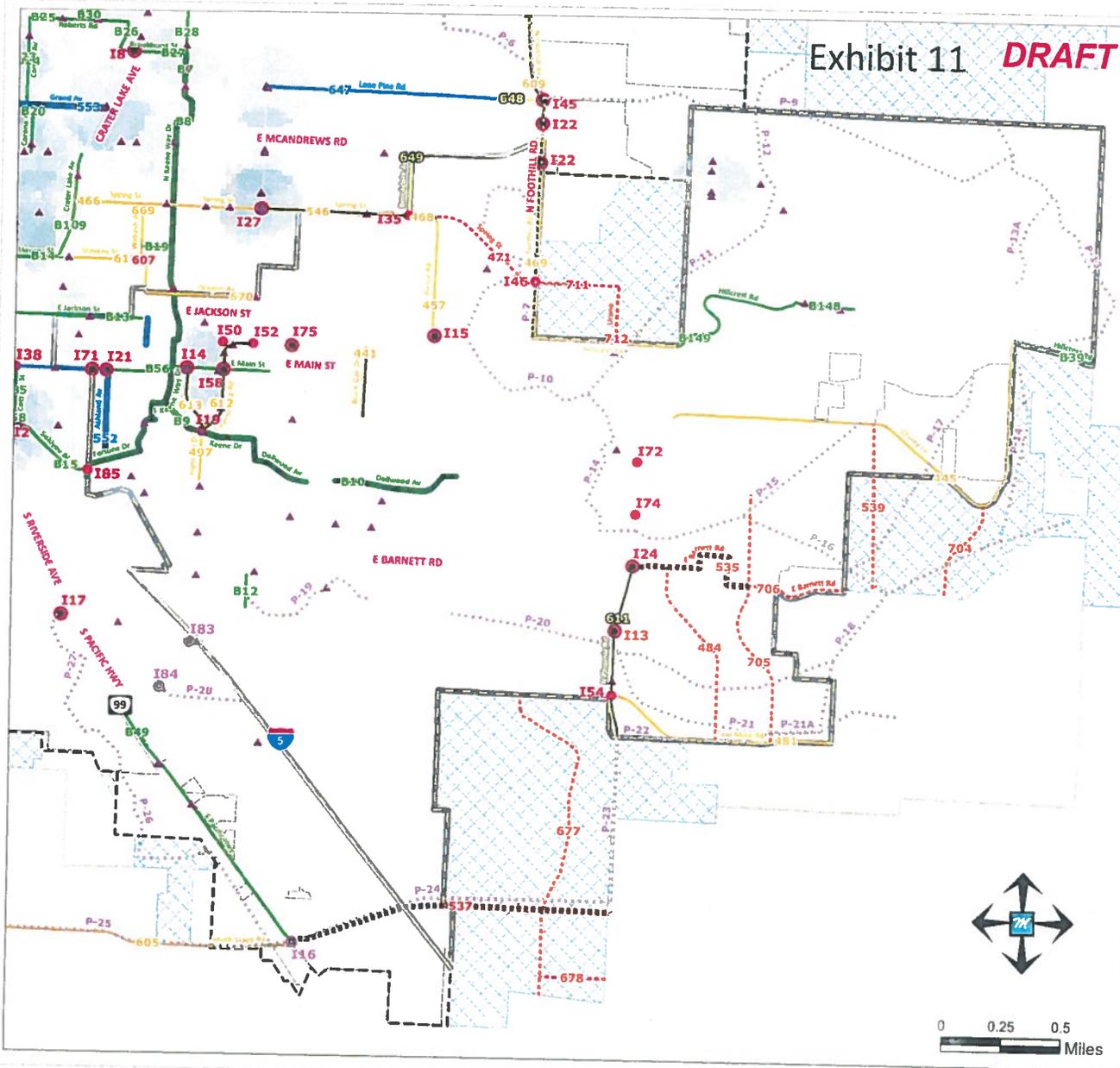


Exhibit 11 *DRAFT*



City of **Medford** TRANSPORTATION SYSTEM PLAN UPDATE

WARD 4 All Projects with Public Comments

- Legend**
- ▲ Location of Comments
 - Comment Point Density
 - Intersection Projects (Proposed Priority Project Type)**
 - Medford Tier I Intersection Projects
 - Medford Tier II Intersection Projects
 - ODOT Intersection Projects
 - Street Projects (Proposed Priority Project Type)**
 - Pedestrian, Tier 1
 - Pedestrian, Tier 2
 - Tier 1 Widening Projects
 - Tier 2 Widening Projects
 - Tier 1 Urban Upgrade Projects
 - Tier 2 Urban Upgrade Projects
 - Tier 1 New Roadway Projects
 - Tier 2 New Roadway Projects
 - ▭ Ward 4
 - Bike Projects (Proposed Priority)**
 - Tier 1 Bike Projects
 - Tier 2 Bike Projects
 - ⋯ Trails Projects (Leisure Services Plan)
 - ▭ UGB
 - ▭ City Limits
 - ▭ Expansion Area Boundary
 - ▭ Urban Reserve Areas
- MAGENTA STREET LABEL**
= Most Avoided Street from Public Comments

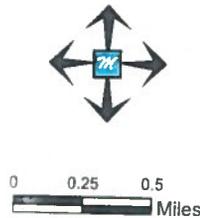
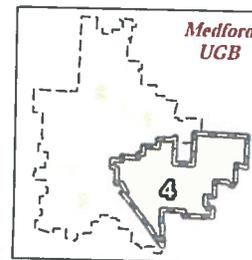


Exhibit 12

Project #		Tier	Project Location	Project Type	Project Description	Cost (\$1,000)	Number of Votes from Open Houses	Project provides regional connections/benefits	Project needed to meet City's "LOS D"/"LOS E" standard?	2038 Intersections Unmitigated/Mitigated LOS	Improves safety at a high-crash location?	Improves safety/comfort for all modes	Connects neighborhoods to activity centers with facilities for walking and/or biking	Increases safety of pedestrian crossings?	Completes walking/biking facilities along a transit route and/or within 1/4 radius of a transit stop	Improves connectivity to or mobility along a designated freight route
<p>Project text in red received 30+ public comments/selections within TSP online outreach efforts.</p> <p>Key: ✓(Supports Criteria) – (Neither Supports or Worsens) ✗(Does not meet criteria) ★ (Staff recommended project)</p> <p>2018-2038 Medford Transportation System Plan Project List - DRAFT</p> <p>Project Type -Urban Upgrade: to include bicycle facilities, sidewalks, and storm drainage which are generally needed to provide safe bicycle and pedestrian facilities, including access to transit and essential destinations, on existing roadways</p>																
441	Tier 1	Black Oak Drive, Hillcrest Road to Acorn Way	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$1,510	5	-	-	Not applicable.	-	✓	-	-	-	-	-
469	Tier 1	Foothill Road, Hillcrest Road to McAndrews Road	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$13,000	10	✓	✓/✓	N/A	-	✓	-	✗	✗	✓	-
122	Tier 1	McAndrews Road at Foothill Road Ramps	Intersection	Install traffic signals (Included in Roadway Project 469)	-	2	✓	✓/✓	A/C	-	-	-	✗	✗	✓	✓
472	Tier 1	Cedar Links Drive, Callaway Drive to Foothill Road	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$2,035	0	-	-	Not applicable.	-	✓	✗	-	✗	-	✓
496	Tier 1	Stewart Avenue, Lozier Lane to Dixie Lane	Urban Upgrade	Upgrade to major arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$2,645	3	✓	-	Not applicable.	-	✓	✓	✗	✓	✓	✓
609	Tier 1	Foothill Road, McAndrews Road to Delta Waters Road	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks (\$3 million from Jackson County)	\$50,000	3	✓	✓/✓	Not applicable.	-	✓	-	✗	✗	✓	✓
610	Tier 1	Foothill Road, Delta Waters Road to North UGB	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$670	2	✓	✓/✓	Not applicable.	-	✓	✗	✗	✗	✓	✓
437 ★	Tier 1	Delta Waters Road, Nome Court to Foothill Road	Urban Upgrade	Complete street improvements to Major Collector standard where one or both sides are not already completed	\$3,860	0	✓	-	Not applicable.	-	✓	✓	-	-	✓	-
446 ★	Tier 1	Springbrook Road, Pheasant Lane to Cedar Links Drive	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$4,000	1	✓	-	Not applicable.	-	✓	✓	✓	✓	✓	-
126 ★	Tier 1	Springbrook Road & Cedar Links Drive	Intersection	Install traffic signal or roundabout when warranted (Cost included in Roadway Project 446)	-	3	-	✓/✓	Not studied.	-	✓	✓	✓	✓	✓	-
447 ★	Tier 1	Table Rock Road, Merriman Road to Interstate 5	Urban Upgrade	Upgrade to minor arterial standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$3,575	6	✓	-	Not applicable.	-	✓	✓	-	-	✓	✓
466 ★	Tier 1	Spring Street, Crater Lake Avenue to Sunrise Avenue	Urban Upgrade	Major collector standard including one lane in each direction, center turn lane, bike facilities, and sidewalks	\$4,510	7	-	-	Not applicable.	✓	✓	✓	-	-	✓	-
468 ★	Tier 1	Spring Street, Sunrise Avenue to Pierce Road	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$4,210	2	-	-	Not applicable.	-	✓	✗	✓	✗	-	-
490 ★	Tier 1	McAndrews Road, Ross Lane to Jackson Street	Urban Upgrade	Upgrade to minor arterial standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$2,045	3	-	-	Not applicable.	-	✓	✓	✗	✓	✓	✓
606 ★	Tier 1	Kings Highway, South Stage Road to Stewart Avenue	Urban Upgrade	Upgrade to minor arterial standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$8,495	4	-	-	Not applicable.	-	✓	-	-	-	✓	-

Project #		Tier	Project Location	Project Type	Project Description	Cost (\$1,000)	Number of Votes from Open Houses	Project provides regional connections/benefits	Project needed to meet City's "LOS D"/"LOS E" standard?	2038 Intersections Unmitigated/Mitigated LOS	Improves safety at a high-crash location?	Improves safety/comfort for all modes	Connects neighborhoods to activity centers with facilities for walking and/or biking	Increases safety of pedestrian crossings?	Completes walking/biking facilities along a transit route and/or within 1/4 radius of a transit stop	Improves connectivity to or mobility along a designated freight route
Project text in red received 30+ public comments/selections within TSP online outreach efforts.																
Key: ✓ (Supports Criteria) – (Neither Supports or Worsens) ✗ (Does not meet criteria) ★ (Staff recommended project)																
2018-2038 Medford Transportation System Plan Project List - DRAFT																
612	★	Tier 1	Barneburg Road, Highland Drive to Sunrise Avenue connection	Urban Upgrade	Upgrade to major collector standard from Highland Drive to E. Main Street including one lane in each direction, center turn lane, bike facilities, and sidewalks and upgrade to minor collector standard from E. Main Street to Sunrise Avenue including one lane in each direction, bike facilities, and sidewalks	\$1,985	2	✓	-	Not applicable.	-	✓	-	-	✗	-
613	★	Tier 1	Highland Drive, Keene Drive to Main Street	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$2,810	7	✓	-	Not applicable.	-	✓	✓	-	✗	-
615	★	Tier 1	Stevens Street, Crater Lake Avenue to Wabash Avenue	Urban Upgrade	Upgrade to minor collector standard including one lane in each direction, bike facilities, and sidewalks	\$2,065	1	-	-	Not applicable.	✓	✓	✓	✓	✓	-
640	★	Tier 1	Bullock Road, Crater Lake Highway to Lawnsdale Road	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$4,065	1	-	-	Not applicable.	✓	✓	-	✓	✓	✓
649	★	Tier 1	Brookdale Avenue, McAndrews Road to Spring Street	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center turn-lane, bike facilities, and sidewalks	\$1,305	1	✗	-	Not applicable.	-	✓	✗	-	✗	-
TBD		Tier 1	North Phoenix Road, From Juanipera Way to South Stage	Urban Upgrade	Upgrade to regional arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$7,800	0	✓	✓/✓	Not applicable.	-	✓	-	✗	✗	✓
445		Tier 2	Cherry Lane, Old Cherry Lane to Hillcrest Road	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$11,500	0	✗	-	Not applicable.	-	✓	✗	-	✗	-
456		Tier 2	Sunset Drive, South Stage Road to Orchard Home Drive	Urban Upgrade	Major collector roadway (includes center turn-lane, bike facilities, and sidewalks)	\$4,010	0	✗	-	Not applicable.	-	✓	-	-	-	-
457		Tier 2	Pierce Road, Hillcrest Road to Spring Street	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$2,800	4	✗	-	Not applicable.	-	✓	✗	-	✗	-
458		Tier 2	Diamond Street, Columbus Avenue to Kings Highway	Urban Upgrade	Upgrade to major collector standard from McKenzie Drive to Kings Highway, including one lane in each direction, center turn-lane, bike facilities, and sidewalk. Stripe to major collector standard from Columbus Avenue to McKenzie Drive, including one lane in each direction, center turn-lane and bike facilities	\$2,150	1	✗	-	Not applicable.	-	✓	✓	-	✓	-
460		Tier 2	12th Street, Central Avenue to Cottage Street	Urban Upgrade	Upgrade to minor collector standard including one lane in each direction, bike facilities, and sidewalks	\$695	1	-	-	Not applicable.	-	✓	✓	-	✓	-
462		Tier 2	Edwards Street, Court Street/Central Avenue to Riverside Avenue	Urban Upgrade	Upgrade to minor collector standard including one lane in each direction, bike facilities, and sidewalks	\$1,665	2	-	-	Not applicable.	-	✓	✓	✓	✓	-
465		Tier 2	Columbus Avenue, South Stage Road to Stewart Avenue	Urban Upgrade	Upgrade to major arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$10,510	6	✓	-	Not applicable.	-	✓	✓	✗	✓	✓
478		Tier 2	Coker Butte Road, eastern UGB to Springbrook Road	Urban Upgrade	Realign and upgrade to major collector standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$1,545	1	✓	-	Not applicable.	-	✓	✓	✗	✗	✓

Project #		Tier	Project Location	Project Type	Project Description	Cost (\$1,000)	Number of Votes from Open Houses	Project provides regional connections/benefits	Project needed to meet City's "LOS D"/"LOS E" standard?	2038 Intersections Unmitigated/Mitigated LOS	Improves safety at a high-crash location?	Improves safety/comfort for all modes	Connects neighborhoods to activity centers with facilities for walking and/or biking	Increases safety of pedestrian crossings?	Completes walking/biking facilities along a transit route and/or within 1/4 radius of a transit stop	Improves connectivity to or mobility along a designated freight route
Project text in red received 30+ public comments/selections within TSP online outreach efforts.																
Key: ✓ (Supports Criteria) – (Neither Supports or Worsens) ✗ (Does not meet criteria) * (Staff recommended project)																
2018-2038 Medford Transportation System Plan Project List - DRAFT																
481	Tier 2		Coal Mine Road (realigned), North Phoenix Road to Santa Barbara Drive	Urban Upgrade	Realign and upgrade to major collector standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$5,975	2	✗	-	Not applicable.	-	✓	✗	✗	✗	-
492	Tier 2		Cunningham Avenue, Orchard Home Drive to Warren Way	Urban Upgrade	Upgrade to minor arterial standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$850	0	✓	-	Not applicable.	-	✓	✓	-	✓	-
495	Tier 2		Coker Butte Road, International Way to Lear Way	Urban Upgrade	Upgrade to minor arterial roadway (includes center turn-lane, bike facilities, and sidewalks)	\$1,985	0	✓	-	Not applicable.	-	✓	✗	-	✓	-
497	Tier 2		Highland Road, Siskiyou Boulevard to Keene Way Drive	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$1,135	11	✓	-	Not applicable.	-	✓	-	✓	-	-
600	Tier 2		Oak Grove Road, West Main Street to Stewart Avenue	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center turn lane, bike facilities, and sidewalks	\$4,335	1	-	-	Not applicable.	-	✓	-	-	✓	-
603	Tier 2		West Stewart Avenue, Oak Grove Road to Lozier Lane	Urban Upgrade	Upgrade to minor arterial standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$2,715	2	✓	-	Not applicable.	✓	✓	✓	-	✓	✓
605	Tier 2		South Stage Road, Orchard Home Drive to South Pacific Highway	Urban Upgrade	Upgrade to minor arterial standard including one lane in each direction, center turn lane, bike facilities, and sidewalks	\$23,985	2	✓	-	Not applicable.	-	✓	✓	-	✓	✓
614	Tier 2		Beall Lane, Merriman Road to City Limits	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center turn lane, bike facilities, and sidewalks	\$4,345	0	✓	-	Not applicable.	-	✓	-	✓	✓	-
625	Tier 2		Justice Road, east of North Medford Industrial Road to City Limits	Urban Upgrade	Upgrade to minor collector standard including one lane in each direction, bike facilities, and sidewalks	\$1,790	0	-	-	Not applicable.	✓	✓	✗	✓	✓	-
634	Tier 2		Crater Lake Avenue, Delta Waters Road to Coker Butte Road	Urban Upgrade	Upgrade to major collector standard including two lanes in each direction, center turn-lane, bike facilities, and sidewalks	\$5,655	0	✓	-	Not applicable.	✓	✓	✓	✓	✓	✓
648	Tier 2		Lone Pine Road, Edgevale Avenue to Foothill Road	Urban Upgrade	Upgrade to major collector standard including one lane in each direction, center turn-lane, bike facilities, and sidewalks	\$930	1	✗	-	Not applicable.	-	✓	✗	-	✗	-
669	Tier 2		Wabash Avenue, Stevens Street to Spring Street	Urban Upgrade	Upgrade to minor collector standard including one lane in each direction, bike facilities, and sidewalks	\$1,460	1	✗	-	Not applicable.	-	✓	-	-	-	-
670	Tier 2		Oregon Avenue, Stevens Street to Sunrise Avenue	Urban Upgrade	Upgrade to minor collector standard including one lane in each direction, bike facilities, and sidewalks	\$3,615	1	✗	-	Not applicable.	-	✓	✓	-	-	-
679	Tier 2		Orchard Home Drive, South Stage Road to Cunningham Avenue	Urban Upgrade	Construct new major collector standard (center turn lane, bike facilities, and sidewalks)	\$4,500	2	✗	-	Not applicable.	-	✓	-	-	✓	-
680	Tier 2		South Peach Street, Garfield Street to Archer Drive	Urban Upgrade	Upgrade to minor collector standard including one lane in each direction, bike facilities, and sidewalks	\$2,875	0	✗	-	Not applicable.	-	✓	-	-	✓	-
706	Tier 2		Barnett Road, Lone Oak Drive to eastern UGB	Urban Upgrade	Upgrade to minor arterial standard including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$6,900	0	✓	-	Not applicable.	-	✓	-	✗	✗	-
715	Tier 2		Hondeleau Lane, Springbrook Road to City Limits	Urban Upgrade	Upgrade to minor collector standard including one lane in each direction, bike facilities, and sidewalks	\$590	1	-	-	Not applicable.	-	✓	✓	-	✗	-

Project #		Tier	Project Location	Project Type	Project Description	Cost (\$1,000)	Number of Votes from Open Houses	Project provides regional connections/benefits	Project needed to meet City's "LOS D"/"LOS E" standard?	2038 Intersections Unmitigated/Mitigated LOS	Improves safety at a high-crash location?	Improves safety/comfort for all modes	Connects neighborhoods to activity centers with facilities for walking and/or biking	Increases safety of pedestrian crossings?	Completes walking/biking facilities along a transit route and/or within 1/4 radius of a transit stop	Improves connectivity to or mobility along a designated freight route
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Key: ✓ (Supports Criteria) – (Neither Supports or Worsens) ✗ (Does not meet criteria) ★ (Staff recommended project)																
2018-2038 Medford Transportation System Plan Project List - DRAFT																
717	Tier 2	Table Rock Road, New Interstate 5 overcrossing and overcrossing of Bear Creek and Lone Pine Creek	Urban Upgrade	Upgrade to minor arterial standard including one lane in each direction, center-turn lane, bike facilities, sidewalks and new overcrossing of Interstate 5	\$25,000	4	✓	-	Not applicable.	✓	✓	-	-	-	-	✓
718	Tier 2	Vilas Road, Crater Lake Highway to expansion boundary	Urban Upgrade	Upgrade to major arterial standard west of Springbrook Rd including two lanes in each direction, center-turn lane, bike facilities, and sidewalks. Upgrade to minor arterial east of Springbrook Road including one lane in each direction, center-turn lane, bike facilities, and sidewalks	\$3,945	0	✓	-	Not applicable.	✓	✓	-	✗	✓	✓	✓
720	Tier 2	Airport Road, Table Rock Road to Biddle Road	Urban Upgrade	Upgrade to minor collector standard including one lane in each direction, bike facilities, and sidewalks	\$1,400	4	✓	-	Not applicable.	-	✓	✗	-	✓	-	-
721	Tier 2	North Phoenix Road, Coal Mine Road to South UGB	Urban Upgrade	Upgrade to major arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	\$0	0	✓	-	Not applicable.	-	✓	✗	✗	✗	✗	✓
Average Rating						2	✓	-	Not applicable.	-	✓	✓	-	✓	-	-
Project Type - Roadway Widening: to provide additional travel lanes which are generally needed to provide additional vehicle capacity																
536 ★	Tier 1	Garfield Street, Holly Street to Kings Highway	Widening	Widen to minor arterial standard including one lane in each direction, center turn-lane, bike facilities, and sidewalks	\$4,175	5	-	-	Not applicable.	-	✓	✓	-	✓	-	-
611 ★	Tier 1	North Phoenix Road from Barnett Road to Coal Mine Road	Widening	Widen to regional arterial standard including two lanes in each direction, center turn-lane, bike facilities, and sidewalks	\$7,600	6	✓	✓/✓	Not applicable.	-	✓	✓	✗	✗	✓	✓
632	Tier 2	Vilas Road, Table Rock Road to eastern UGB	Widening	Widen to major arterial standard including two lanes in each direction, center turn lane, bike facilities, and sidewalks	\$17,045	0	✓	-	Not applicable.	✓	✗	-	✗	✓	✓	✓
645	Tier 2	Sage Road, Columbus Avenue to North Pacific Highway	Widening	Widen to major arterial standard including two lanes in each direction, center turn-lane, bike facilities, and sidewalks	\$11,500	1	✓	-	Not applicable.	-	✓	✓	✗	✗	✗	✓
Average Rating						3	✓	-	Not applicable.	-	✗	✓	✗	-	-	✓
Project Type - New Roadways: and roadway extensions which generally support future growth and development but also provide some vehicle congestion relief and direct pedestrian and bicycle routes in some areas																
413 ★	Tier 1	Columbus Avenue, West McAndrews Road to Sage Road	New Roadway	Realign, extend Columbus Avenue to Sage Rd, and widen to major arterial standard including center-turn lane, bike facilities, and sidewalks	\$4,425	3	✓	-	Not applicable.	-	-	✓	✗	✓	✓	✓
467	Tier 1	Lear Way, Coker Butte Road to Vilas Road	New Roadway	Construct new major collector roadway (includes center turn lane, bike facilities, and sidewalks)	\$6,465	0	-	-	Not applicable.	-	✓	-	-	-	✓	✓

Project #		Tier	Project Location	Project Type	Project Description	Cost (\$1,000)	Number of Votes from Open Houses	Project provides regional connections/benefits	Project needed to meet City's "LOS D"/"LOS E" standard?	2038 Intersections Unmitigated/Mitigated LOS	Improves safety at a high-crash location?	Improves safety/comfort for all modes	Connects neighborhoods to activity centers with facilities for walking and/or biking	Increases safety of pedestrian crossings?	Completes walking/biking facilities along a transit route and/or within 1/4 radius of a transit stop	Improves connectivity to or mobility along a designated freight route
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2018-2038 Medford Transportation System Plan Project List - DRAFT																
475	★	Tier 1	Coker Butte Road, Crater Lake Avenue to Springbrook Road	New Roadway	Realign and upgrade to major arterial standard including two lanes in each direction, center-turn lane, bike facilities, and sidewalks	53,400	0	-	-	Not applicable.	-	-	✓	✗	✓	-
535		Tier 1	Barnett Road, North Phoenix Road to Lone Oak Drive	New Roadway	Realign and construct new minor arterial roadway (includes center turn-lane, bike facilities, and sidewalks)	54,455	2	-	-	Not applicable.	-	✓	✓	✗	✗	-
537	★	Tier 1	South Stage Road, South Pacific Highway to North Phoenix Road	New Roadway	Construct new minor arterial roadway (includes center turn lane, bike facilities, and sidewalks) and overcrossing of I-5 (Assuming 10% City, 90% Outside Funds)	550,000	10	✓	-	Not applicable.	-	✓	✓	✗	✓	✓
621	★	Tier 1	Owen Drive, Springbrook Road to Torrent Street	New Roadway	Construct new major collector roadway (includes center turn-lane, bike facilities, and sidewalks)	5525	0	✗	-	Not applicable.	-	✓	✓	-	-	✓
708	★	Tier 1	South Stage Road, City Limits to Orchard Home Drive	New Roadway	Realign S Stage Rd and construct new minor arterial roadway (includes center turn lane, bike facilities, and sidewalks)	54,345	2	✓	-	Not applicable.	-	✓	✓	✗	✗	✓
471		Tier 2	Spring Street, Pierce Road to Foothill Road	New Roadway	Construct new major collector roadway (includes center turn-lane, bike facilities, and sidewalks)	53,955	1	-	-	Not applicable.	-	✓	✗	✗	✗	-
479		Tier 2	Manzanita Street, extension from Riverside Avenue to Spring Street and crossing Interstate 5	New Roadway	Construct new minor collector roadway (includes one lane in each direction, bike facilities, and sidewalks) and new crossing of I-5 at Manzanita or Austin	100,000	0	✓	-	Not applicable.	-	✓	✓	✓	✓	-
482		Tier 2	Owen Drive, Torrent Street to Foothill Road	New Roadway	Construct new major collector roadway (includes center turn-lane, bike facilities, and sidewalks)	55,100	2	-	-	Not applicable.	-	✓	✓	-	✗	-
484		Tier 2	Stanford Avenue, Barnett Road to Coal Mine Road	New Roadway	Construct new major collector roadway (includes center turn-lane, bike facilities, and sidewalks)	56,000	0	✓	-	Not applicable.	-	✓	✓	-	✗	-
485		Tier 2	Bellinger-Cunningham Avenue Connector, Hull Road to Orchard Home Drive	New Roadway	Construct new minor arterial roadway (includes center turn-lane, bike facilities, and sidewalks)	56,835	1	✓	-	Not applicable.	-	✓	-	-	✓	-
486		Tier 2	Springbrook Road, Owen Drive to Coker Butte Road	New Roadway	Construct new major collector roadway (includes center turn-lane, bike facilities, and sidewalks)	54,210	1	✓	-	Not applicable.	-	✓	✓	-	-	-
489		Tier 2	Diamond Street, Orchard Home Drive to Sandstone Drive	New Roadway	Construct new major collector roadway (includes center turn-lane, bike facilities, and sidewalks)	56,400	0	-	-	Not applicable.	-	✓	✓	-	✓	-

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539	Tier 2	N/S Collector Street in SE Merford TOD	New Roadway	Construct new minor collector roadway (includes one lane in each direction, bike facilities, and sidewalks)	\$5,410	0	✗	-	Not applicable.	-	✓	✗	-	✗	-
601	Tier 2	Dakota Avenue, Collinwood Court to Oak Grove Road/Madrone Lane	New Roadway	Construct new minor collector roadway (includes one lane each direction, bike facilities, and sidewalks)	\$3,510	0	-	-	Not applicable.	-	✓	-	-	-	-
604	Tier 2	Holly Street, Garfield Street to South Stage Road	New Roadway	Construct new minor collector roadway (includes one lane in each direction, bike facilities, and sidewalks)	\$6,475	2	✓	-	Not applicable.	-	✓	-	-	✗	-
607	Tier 2	Stevens Street connection to Oregon Avenue	New Roadway	Construct new minor collector roadway (includes one lane each direction, bike facilities, and sidewalks)	\$310	1	✗	-	Not applicable.	-	✓	✓	-	-	-
624	Tier 2	Wilson Road, Table Rock Road to City Limits	New Roadway	Construct new minor collector roadway (includes one lane each direction, bike facilities, and sidewalks)	\$3,885	1	✓	-	Not applicable.	✓	✓	✗	-	✓	-
627	Tier 2	Crater Lake Avenue, Coker Butte Road to northern UGB	New Roadway	Construct new major collector roadway (includes center turn-lane, bike facilities, and sidewalks)	\$8,580	0	✓	-	Not applicable.	-	✓	✓	-	✓	✓
628	Tier 2	Lear Way, Vilas Road to northern city limits	New Roadway	Construct new minor collector roadway (includes one lane each direction, bike facilities, and sidewalks)	\$1,900	0	-	-	Not applicable.	-	✓	-	-	✓	✓
629	Tier 2	International Way, Vilas Road to Coker Butte Road	New Roadway	Construct new major collector roadway (includes center turn-lane, bike facilities, and sidewalks)	\$9,345	1	-	-	Not applicable.	-	✓	✗	-	✓	-
630	Tier 2	Springbrook Road, Coker Butte Road to Vilas Road	New Roadway	Construct new major collector roadway (includes center turn-lane, bike facilities, and sidewalks)	\$8,055	2	✓	-	Not applicable.	-	✓	✗	-	-	-
631	Tier 2	East-West collector between Coker Butte Road and Vilas Road, Crater Lake Highway to eastern UGB	New Roadway	Construct new minor collector roadway (includes one lane each direction, bike facilities, and sidewalks)	\$3,950	1	✗	-	Not applicable.	✓	✓	-	-	✓	-
677	Tier 2	Golf View Drive, Juanipero Way to southern expansion boundary	New Roadway	Construct new major collector (minor collector south of South Stage Road extension) roadway (includes center turn-lane, bike facilities, and sidewalks)	\$10,760	1	✓	-	Not applicable.	-	✓	-	-	✗	-
678	Tier 2	East-West collector along southern UGB, Golf View Drive to North Phoenix Road	New Roadway	Upgrade to minor collector standard including one lane in each direction, bike facilities, and sidewalks	\$2,140	0	-	-	Not applicable.	-	✓	✗	-	✗	-

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681	Tier 2	Experiment Station Road, Kings Highway to Holly Street	New Roadway	Construct new minor collector standard (includes one lane in each direction, bike facilities, and sidewalks)	\$3,830.00	2	✗	-	Not applicable.	-	✓	✗	-	✗	-
703	Tier 2	Dakota Avenue extension to Lozier Lane	New Roadway	Construct new minor collector standard (includes one lane in each direction, bike facilities, and sidewalks)	\$2,290.00	1	-	-	Not applicable.	-	✓	✓	-	✓	-
704	Tier 2	N/S Collector Street in SE Medford TOD	New Roadway	Construct new minor collector standard (includes one lane in each direction, bike facilities, and sidewalks)	\$3,310.00	0	✗	-	Not applicable.	-	✓	-	-	✗	-
705	Tier 2	Lone Oak Drive Extension	New Roadway	Construct new major collector standard (includes center turn-lane, bike facilities, and sidewalks)	\$8,160.00	0	✗	-	Not applicable.	-	✓	✓	-	✗	-
710	Tier 2	McLoughlin Drive, Ford Drive to Northern Expansion Boundary	New Roadway	Construct new major collector roadway (includes one lane in each direction, center-turn lane, bike facilities, and sidewalks)	\$1,935.00	0	✗	-	Not applicable.	-	✓	✓	-	-	-
711	Tier 2	Spring Street, Foothill Road to Urano Lane	New Roadway	Construct new minor collector roadway (includes one lane in each direction, bike facilities, and sidewalks)	\$2,645.00	2	✗	-	Not applicable.	-	✓	✗	-	✗	-
712	Tier 2	Urano Lane, Hillcrest Road to Spring Street	New Roadway	Construct new minor collector roadway (includes one lane in each direction, bike facilities, and sidewalks)	\$1,835.00	0	✗	-	Not applicable.	-	✓	✗	-	✗	-
713	Tier 2	Fairfax Street, Delta Waters Road to northern expansion boundary	New Roadway	Construct new minor collector roadway (includes one lane in each direction, bike facilities, and sidewalks)	\$4,180.00	0	✗	-	Not applicable.	-	✓	✗	-	✗	-
714	Tier 2	Cheltenham Way, Ford Drive to northern expansion boundary	New Roadway	Construct new minor collector roadway (includes one lane in each direction, bike facilities, and sidewalks)	\$2,370.00	0	✗	-	Not applicable.	-	✓	-	-	-	-
716	Tier 2	Hondeleau Lane, City Limits to eastern expansion boundary	New Roadway	Construct new minor collector roadway (includes one lane in each direction, bike facilities, and sidewalks)	\$1,045.00	0	✗	-	Not applicable.	-	✓	✓	-	✗	-
						1	✓	-	Not applicable.	-	✓	✓	-	✗	-
						Average Rating									
						1	✓	-	Not applicable.	-	✓	✓	-	✗	-
Project Type - Intersection Improvements: including roundabouts, traffic signals, turn lanes, and equipment upgrades which are generally needed to provide both increased vehicle capacity and safety for all roadway users															
I 03 ★	Tier 1	12th Street & Riverside Avenue	Intersection	Replace/upgrade traffic signal and increase vertical clearance	\$400	1	✓	-	Maintenance	-	✗	-	-	✗	✓

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I 04	Tier 1	Biddle Road & Lawnsdale Road	Intersection	Update signal phasing and install protected/permitted signal heads in northbound and southbound directions	\$160	1	✓	✓/–	Maintenance	✓	✗	✗	–	✗	✓	
I 05 ★	Tier 1	Biddle Road & Stevens Street	Intersection	Replace/upgrade traffic signal	\$400	1	✓	–	C/C (Maintenance)	✓	✗	–	–	✗	✓	
I 06	Tier 1	Columbus Avenue & Prune Street	Intersection	Monitor warrants for enhanced pedestrian crossing or traffic signal	\$50	2	–	–	Monitoring	✓	✓	–	✓	✗	–	
I 07	Tier 1	Court Street & Ohio Street	Intersection	Modify existing signal to add westbound left turn lane	\$400	4	–	–	Not studied.	–	✗	–	–	✗	✓	
I 08 ★	Tier 1	Crater Lake Avenue & Brookhurst Street	Intersection	Replace/upgrade traffic signal to increase vertical clearance and optimize signal timing/phasing	\$400	0	✓	–	A/A (Maintenance)	–	✗	✗	–	✗	✓	
I 12	Tier 1	Crater Lake Avenue & Owens Drive	Intersection	Install traffic signal or roundabout when warranted	\$2,200	6	✓	✓/✓	F/B	–	✓	–	✓	–	✓	
I 13 ★	Tier 1	Creek View Drive & North Phoenix Road	Intersection	Install traffic signal when warranted. Remove traffic signal at Albertson's access and convert to right in/right-out only (See SE Plan)	\$400	1	✓	–	Not studied.	–	–	–	–	✗	✓	
I 14	Tier 1	Highland Drive & East Main Street	Intersection	Install traffic signal or roundabout when warranted	\$400	13	✗	✓/✓	F/A	–	✓	✗	✓	✗	–	
I 15	Tier 1	Hillcrest Road & Pierce Road	Intersection	Install traffic signal or roundabout when warranted	\$400	1	✗	✓/✓	F/B	–	✓	✗	✓	✗	–	
I 17	Tier 1	South Pacific Highway & Stewart Avenue	Intersection	Intersection improvements such as second southbound left and second eastbound left-turn lanes, or an alternative intersection configuration with displaced lefts on the north and south legs.	\$960	6	✓	✓	F/F	✓	✗	–	✓	✗	✓	
I 21 ★	Tier 1	Main Street & Lindley Street	Intersection	Replace/upgrade traffic signal	\$400	0	–	–	Maintenance	–	✗	–	–	✓	–	
I 24	Tier 1	Phoenix Road & Barnett Road	Intersection	Intersection improvements such as second SBTH lane, WBTH lane, and phasing all lefts as perm+prot	\$880	0	✓	✓	F/D	–	✗	–	–	✗	✓	
I 27 ★	Tier 1	Springbrook Road & Spring Street	Intersection	Install traffic signal or roundabout when warranted	\$525	10	✓	–	Not studied.	–	✓	–	✓	✗	–	
I 39	Tier 1	Crater Lake Avenue & East Villas Road	Intersection	Re-align Crater Lake Ave to the east and install traffic signal	\$400		✓	✓/✓	Does not exist currently.	✓	✓	–	–	✓	✓	

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145	Tier 1	Foothill Road & Lone Pine Road	Intersection	Intersection control improvements such as right-in/right-out only due to proximity to planned signal at McAndrews ramp - TBD by intersection further analysis and safety analysis	\$400	10	✓	✓	F/B	-	✓	-	✗	✗	-	
158	Tier 1	Main Street & Barneburg Road	Intersection	Install traffic signal or roundabout when warranted	\$400	8	✓	-	Not studied.	-	✓	-	✓	✗	-	
169	Tier 1	South Columbus Avenue & South Stage Road	Intersection	Install traffic signal or roundabout when warranted	\$2,200	2	✓	✓	D/D	-	✓	✓	-	✗	✓	
173	Tier 1	Foothill Road & Delta Waters Road	Intersection	Install turn lanes and traffic signal or roundabout when warranted	\$2,200	10	✓	✓	F/D	-	✓	-	✓	✗	-	
175	Tier 1	Valley View Drive & Hillcrest Road	Intersection	Install traffic signal or roundabout when warranted	\$2,200	4	✗	✓/✓	F/A	-	✓	-	✓	✗	-	
178	Tier 1	Highland Drive & Barnett Road	Intersection	Intersection improvements such as second northbound right-turn lane (protected) - intersection may need alternative mobility target	\$405	2	✓	✓	F/E	✓	-	-	✗	✗	✓	
102	Tier 2	10th Street & Cottage Street	Intersection	Install traffic signal or roundabout when warranted	\$400.00	1	-	-	Not studied.	-	✓	✓	✓	✓	-	
119	Tier 2	Keene Way & Barneburg Road	Intersection	Install traffic signal or roundabout when warranted	\$2,200	2	✓	-	Not studied.	-	✓	✗	✓	✗	-	
128	Tier 2	10th Street & Columbus Avenue	Intersection	Install traffic signal or roundabout when warranted	\$400	2	✓	-	Not studied.	✓	✓	-	✓	✓	✓	
129	Tier 2	4th Street & Oakdale Avenue	Intersection	Install traffic signal or roundabout when warranted	\$400	3	-	-	Not studied.	-	✓	✓	✓	✓	-	
130	Tier 2	8th Street & Hamilton Street	Intersection	Monitor warrants for enhanced pedestrian crossing or traffic signal	\$5	1	✗	-	Monitoring	-	✓	-	✓	✗	-	
131	Tier 2	8th Street & Orange Street	Intersection	Monitor warrants for enhanced pedestrian crossing or traffic signal	\$5	0	✗	-	Monitoring	-	✓	-	✓	✗	-	
133	Tier 2	Biddle Road & Airport Road	Intersection	Install traffic signal or roundabout when warranted	\$400	6	✓	-	Not studied.	-	✓	✗	✓	✓	✓	
135	Tier 2	Brookdale Avenue & Spring Street	Intersection	Install traffic signal or roundabout when warranted	\$400	0	✗	-	Not studied.	-	✓	✗	✓	✗	-	

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136		Tier 2	Coker Butte Road & Springbrook Road	Intersection	Install traffic signal or roundabout when warranted	\$400	1	✓	–	Not studied.	–	✓	✓	✓	✗	✓
137		Tier 2	Columbus Avenue & 4th Street	Intersection	Install traffic signal or roundabout when warranted	\$400	3	✓	–	D/D	–	✓	–	✓	✓	✓
138		Tier 2	Cottage Street & Main Street	Intersection	Install traffic signal or roundabout when warranted	\$400	3	–	–	Not studied.	–	✓	✓	✓	✓	✓
140		Tier 2	Crater Lake Highway & East Vilas Road	Intersection	Monitor needs after construction of Crater Lake Highway Bypass	\$5	0	✓	✓/✓	Monitoring	–	–	–	–	✗	–
141		Tier 2	Diamond Street & Kings Highway	Intersection	Install traffic signal or roundabout when warranted	\$400	0	✗	–	Not studied.	–	✓	✗	✓	–	–
142		Tier 2	Diamond Street & South Columbus Avenue	Intersection	Install traffic signal or roundabout when warranted	\$400	0	✓	–	Not studied.	–	✓	✓	✓	✓	✓
143		Tier 2	East Vilas Road & Industry Drive	Intersection	Install traffic signal or roundabout when warranted	\$400	0	–	–	Not studied.	–	✓	–	✓	✗	✓
144		Tier 2	East Vilas Road & Lear Way	Intersection	Install traffic signal or roundabout when warranted	\$400	2	–	–	Not studied.	–	✓	–	✓	✓	✓
146		Tier 2	Foothill Road & Spring Street (extension)	Intersection	Install traffic signal when warranted	\$400	1	✓	–	Not studied.	–	✓	✗	✓	✗	✓
147		Tier 2	Garfield Street & Kings Highway	Intersection	Install traffic signal or roundabout when warranted	\$400	4	✓	–	B/C	–	✓	✗	✓	✓	–
148		Tier 2	Garfield Street & South Holly Street	Intersection	Install traffic signal or roundabout when warranted	\$400	1	✓	–	Not studied.	–	✓	✓	✓	✗	–
149		Tier 2	Garfield Street & South Peach Street	Intersection	Install traffic signal or roundabout when warranted	\$400	1	✓	–	Not studied.	–	✓	–	✓	✓	–
150		Tier 2	Hillcrest Road & Barneburg Road & Crown Avenue	Intersection	Geometric improvements such as re-alignment or roundabouts	\$4,400	1	✓	–	Not studied.	–	✓	✓	✓	✗	–
152		Tier 2	Hillcrest Road & Sunrise Avenue	Intersection	Geometric improvements such as re-alignment or roundabouts	\$2,200	3	✓	–	Not studied.	–	✓	✓	✓	✗	–

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154		Tier 2	Juanipero Way and North Phoenix Road	Intersection	Install traffic signal or roundabout when warranted	\$400	0	✓	-	Not studied.	-	✓	-	✓	✗	✓
156		Tier 2	Kings Highway & South Stage Road	Intersection	Install traffic signal or roundabout when warranted	\$400	0	✓	-	Not studied.	-	✓	-	✓	✗	✓
157		Tier 2	Lozier Lane & Cunningham Avenue	Intersection	Install traffic signal or roundabout when warranted	\$400	0	✓	-	Not studied.	-	✓	-	✓	✗	-
159		Tier 2	Main Street & Hamilton Street	Intersection	Monitor warrants for enhanced pedestrian crossing or traffic signal.	\$400	1	✗	-	Monitoring	-	✓	✓	✓	✗	-
163★		Tier 2	McAndrews Road & Riverside Avenue	Intersection	Intersection improvements such as re-striping westbound approach to one through, a shared through/right, and a right-turn lane, signal modifications, and second westbound right turn lane when needed	\$245	2	✓	-	Not studied.	-	✗	✗	✗	✗	✓
165		Tier 2	Oak Grove Road & Stewart Avenue	Intersection	Install traffic signal or roundabout when warranted	\$2,200	0	✓	-	Not studied.	-	✓	-	✓	✗	✓
166		Tier 2	Orchard Home Drive & South Stage Road	Intersection	Install traffic signal or roundabout when warranted	\$2,200	0	✓	-	Not studied.	-	✓	✓	✓	✗	✓
167		Tier 2	Orchard Home Drive & Sunset Drive	Intersection	Install traffic signal or roundabout when warranted	\$2,200	0	-	-	Not studied.	-	✓	-	✓	✗	-
168		Tier 2	Owen Drive & Springbrook Road	Intersection	Install traffic signal or roundabout when warranted	\$2,200	1	✓	-	Not studied.	-	✓	✓	✓	-	-
170		Tier 2	West Jackson Street & West McAndrews Road	Intersection	Install traffic signal or roundabout when warranted	\$2,200	1	-	-	C/C	-	✓	✓	✓	✓	✓
171		Tier 2	Willamette Avenue & Main Street	Intersection	Install traffic signal or roundabout when warranted	\$2,200	1	-	-	Not studied.	-	✓	✓	✓	✓	-
172		Tier 2	Calle Vista Drive & North Phoenix Road	Intersection	Install center median that will result in right-in/right-out turns only and install sidewalk along North Phoenix Road (See SE Plan)	\$357	1	✓	-	Not studied.	-	✓	-	✓	✗	✓
174		Tier 2	Shamrock Drive & North Phoenix Road	Intersection	Install center median that will result in right-in/right-out turns only (See SE Plan)	\$210	0	✓	-	Not studied.	-	-	-	✓	✗	✓
185		Tier 2	Willamette Avenue and Siskiyou Boulevard	Intersection	Install traffic signal when warranted	\$400	1	-	-	Not studied.	-	✓	✓	✓	-	-

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2018-2038 Medford Transportation System Plan Project List - DRAFT																
Average Rating 2																
Project Type - Pedestrian: includes a sidewalk infill program; project which will include the City dedicating \$300,000 annually to high priority sidewalk infill projects.																
546	Tier 1	Lone Pine School Area (Spring Street, Springbrook Road to Brookdale Avenue, excluding segment between Valley View Drive and Modoc Avenue)	Pedestrian	Install sidewalks	\$1,240	8	-	-	Not applicable.	-	-	✓	✓	✖	-	-
547	Tier 1	Washington School area (Plum Street, 11th Street to Prune Street)	Pedestrian	Install sidewalks	\$210	6	-	-	Not applicable.	-	-	✓	✓	✓	-	-
550	Tier 1	Washington School area (11th Street, Lincoln Street to Hamilton Street)	Pedestrian	Install sidewalks	\$530	5	-	-	Not applicable.	-	-	✓	✓	✓	-	-
551	Tier 1	Howard School area (Mace Road, Connell Avenue to North Pacific Highway)	Pedestrian	Install sidewalks	\$390	3	-	-	Not applicable.	-	-	✓	✓	-	-	-
552	Tier 1	Roosevelt School area (Ashland Avenue, Oregon Avenue)	Pedestrian	Install sidewalks	\$2,085	1	-	-	Not applicable.	-	-	✓	✓	✓	-	-
553	Tier 1	Wilson School area (Grand Avenue)	Pedestrian	Install sidewalks	\$920	0	-	-	Not applicable.	-	-	✓	✓	✓	-	-
Pr1★	Tier 1	Various sidewalk gap locations with focus on high-priority areas including schools, activity centers and essential destinations, transit routes, and transit oriented development areas	Pedestrian	Construct sidewalks or other pedestrian facilities at high-priority locations (\$300,000 annually)	\$6,000	30	✓	-	Not applicable.	-	-	✓	✓	✓	-	-
647	Tier 2	Lone Pine Road, Springbrook Road to Edgevale Avenue Sidewalk Infill	Pedestrian	Install sidewalks	\$1,940	1	-	-	Not applicable.	-	-	✓	✓	-	-	-
Average Rating 7																
Project Type - Multi-Use Paths: separated and dedicated paths providing for bicycle and pedestrian traffic flow.																
P-1	Tier 2	Swanson Creek	Multi-Use Path	Construct Multi-Use Path	\$7,345.80	6	✓	-	Not applicable.	✓	-	-	✓	✓	-	✓
P-2	Tier 2	Vilas Road	Multi-Use Path	Construct Multi-Use Path	\$2,923.20	6	✓	-	Not applicable.	-	-	-	✓	-	-	-
P-3	Tier 2	Crater Lake Highway	Multi-Use Path	Construct Multi-Use Path	\$3,817.80	10	✓	-	Not applicable.	✓	-	✓	✓	✓	✓	✓

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P-4	Tier 2	Owen to Foothills	Multi-Use Path	Construct Multi-Use Path	\$2,305.80	6	✓	-	Not applicable.	-	-	✓	✓	-	-
P-5	Tier 2	Lone Pine Creek	Multi-Use Path	Construct Multi-Use Path	\$1,285.20	5	✓	-	Not applicable.	-	-	✓	✓	-	-
P-6	Tier 2	Cedar Links	Multi-Use Path	Construct Multi-Use Path	\$1,927.80	4	-	-	Not applicable.	-	-	-	✓	✓	-
P-7	Tier 2	Foothills Road	Multi-Use Path	Construct Multi-Use Path	\$2,860.20	3	✓	-	Not applicable.	-	-	-	✓	✓	-
P-8	Tier 2	Delta Waters to Prescott Park	Multi-Use Path	Construct Multi-Use Path	\$1,587.60	3	✓	-	Not applicable.	-	-	-	✓	✗	-
P-8A	Tier 2	Cedar Links Connector	Multi-Use Path	Construct Multi-Use Path	\$42.84	3	✓	-	Not applicable.	-	-	✓	✓	-	-
P-9	Tier 2	Lone Pine to Prescott Park	Multi-Use Path	Construct Multi-Use Path	\$2,608.20	5	✓	-	Not applicable.	-	-	-	✓	✗	-
P-10	Tier 2	Dunbar Irrigation Canal	Multi-Use Path	Construct Multi-Use Path	\$2,557.80	7	✓	-	Not applicable.	-	-	✗	✓	✗	-
P-11	Tier 2	Hillcrest	Multi-Use Path	Construct Multi-Use Path	\$1,272.60	5	✓	-	Not applicable.	-	-	-	✓	✗	-
P-12	Tier 2	Vista Point	Multi-Use Path	Construct Multi-Use Path	\$1,360.80	4	✓	-	Not applicable.	-	-	-	✓	✗	-
P-13	Tier 2	Roxy Ann Drive	Multi-Use Path	Construct Multi-Use Path	\$1,890.00	4	-	-	Not applicable.	-	-	-	✓	✗	-
P-13A	Tier 2	Roxy Ann Connector	Multi-Use Path	Construct Multi-Use Path	\$567.00	4	-	-	Not applicable.	-	-	✗	✓	✗	-
P-13B	Tier 2	Chrissy Park	Multi-Use Path	Construct Multi-Use Path	\$667.80	4	-	-	Not applicable.	-	-	✗	✓	✗	-
P-14	Tier 2	Irrigation Canal	Multi-Use Path	Construct Multi-Use Path	\$1,058.40	5	-	-	Not applicable.	-	-	✓	✓	✗	-
P-15	Tier 2	Village Center Greenway	Multi-Use Path	Construct Multi-Use Path	\$1,398.60	6	-	-	Not applicable.	-	-	✓	✓	✗	-
P-16*	Tier 2	Larson Creek Connector	Multi-Use Path	Construct Multi-Use Path	\$264.60	7	-	-	Not applicable.	-	-	✓	✓	✗	-
P-17	Tier 2	Summerfield Greenway	Multi-Use Path	Construct Multi-Use Path	\$1,927.80	6	-	-	Not applicable.	-	-	-	✓	✗	-
P-18*	Tier 2	North Larson Creek	Multi-Use Path	Construct Multi-Use Path	\$2,721.60	8	-	-	Not applicable.	-	-	-	✓	✗	-
P-19*	Tier 2	Larson Creek	Multi-Use Path	Construct Multi-Use Path	\$806.40	6	-	-	Not applicable.	-	-	✓	✓	✓	-
P-20*	Tier 2	Larson Creek	Multi-Use Path	Construct Multi-Use Path	\$919.80	6	-	-	Not applicable.	-	-	✓	✓	✓	-
P-21*	Tier 2	Larson Creek	Multi-Use Path	Construct Multi-Use Path	\$1,701.00	6	-	-	Not applicable.	-	-	✓	✓	✗	-
P-21A*	Tier 2	Larson Creek Connector	Multi-Use Path	Construct Multi-Use Path	\$806.40	5	-	-	Not applicable.	-	-	-	✓	✗	-
P-22	Tier 2	Coal Mine Road	Multi-Use Path	Construct Multi-Use Path	\$680.40	7	-	-	Not applicable.	-	-	-	✓	✗	-
P-23	Tier 2	North Phoenix Road	Multi-Use Path	Construct Multi-Use Path	\$882.00	8	-	-	Not applicable.	-	-	-	✓	✗	-
P-24	Tier 2	Stage Road Extension	Multi-Use Path	Construct Multi-Use Path	\$1,713.60	17	✓	-	Not applicable.	-	-	-	✓	✗	-
P-25	Tier 2	Stage Road	Multi-Use Path	Construct Multi-Use Path	\$4,296.60	7	✓	-	Not applicable.	-	-	✓	✓	✓	-

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2018-2038 Medford Transportation System Plan Project List - DRAFT

Project #	Tier	Project Location	Project Type	Project Description	Cost (\$1,000)	Number of Votes from Open Houses	Project provides regional connections/benefits	Project needed to meet City's "LOS D"/"LOS E" standard?	2038 Intersections Unmitigated/Mitigated LOS	Improves safety at a high-crash location?	Improves safety/comfort for all modes	Connects neighborhoods to activity centers with facilities for walking and/or biking	Increases safety of pedestrian crossings?	Completes walking/biking facilities along a transit route and/or within 1/4 radius of a transit stop	Improves connectivity to or mobility along a designated freight route
P-26	Tier 2	South 99W Corridor	Multi-Use Path	Construct Multi-Use Path	\$1,890.00	8	✓	-	Not applicable.	-	-	✓	✓	✓	✓
P-27	Tier 2	KOGAP Development	Multi-Use Path	Construct Multi-Use Path	\$781.20	7	✓	-	Not applicable.	✓	-	✓	✓	✓	✓
P-28	Tier 2	Center Drive Connector	Multi-Use Path	Construct Multi-Use Path	\$466.20	6	-	-	Not applicable.	-	-	✓	✓	✓	✓
P-29	Tier 2	Columbus Avenue	Multi-Use Path	Construct Multi-Use Path	\$3,238.20	11	✓	-	Not applicable.	✓	-	✓	✓	✓	✓
P-30	Tier 2	Griffen Creek Extension	Multi-Use Path	Construct Multi-Use Path	\$1,675.80	4	✓	-	Not applicable.	-	-	✓	✓	✓	✓
P-31	Tier 2	Dakota Avenue	Multi-Use Path	Construct Multi-Use Path	\$1,512.00	2	-	-	Not applicable.	-	-	-	✓	✗	-
P-32	Tier 2	Oak Grove Road	Multi-Use Path	Construct Multi-Use Path	\$667.80	3	✓	-	Not applicable.	-	-	✓	✓	✓	-
P-33	Tier 2	Midway Park	Multi-Use Path	Construct Multi-Use Path	\$554.40	6	-	-	Not applicable.	✓	-	✓	✓	✓	-
P-34	Tier 2	Midway Road	Multi-Use Path	Construct Multi-Use Path	\$693.00	6	-	-	Not applicable.	-	-	✓	✓	✓	-
P-35	Tier 2	Airport Connector	Multi-Use Path	Construct Multi-Use Path	\$995.40	2	-	-	Not applicable.	-	-	✓	✓	✓	-
P-36	Tier 2	Airport Connector	Multi-Use Path	Construct Multi-Use Path	\$88.20	4	✗	-	Not applicable.	-	-	✗	✓	-	-
P-37	Tier 2	Table Rock Road	Multi-Use Path	Construct Multi-Use Path	\$2,091.60	5	✓	-	Not applicable.	-	-	✓	✓	-	-
P-XX	Tier 2	Holmes Park (Dellwood Ave Connector)	Multi-Use Path	Construct Multi-Use Path	\$163.80	0	-	-	Not applicable.	-	-	✓	✓	✓	-
P-XX	Tier 2	Kennedy School (Keene Way to Delta Waters)	Multi-Use Path	Construct Multi-Use Path	\$163.80	0	-	-	Not applicable.	-	-	✓	✓	✓	-
						Average Rating	6	-	Not applicable.	-	-	✓	✓	✗	-
Project Type - Bicycle: on or off street dedicated bicycle facilities, or a combination of paint and signage to designate neighborhood greenways															
B10	Tier 1	Dellwood Avenue, west of Black Oak Drive to Murphy Road	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$11.30	1	✗	-	Not applicable.	-	-	✓	-	✓	-
B2	Tier 1	Prune Street, Lozier Lane to Plum Street; Plum Street, Prune Street to Dakota Avenue	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$16.00	1	✗	-	Not applicable.	-	-	✓	-	✓	-
B3	Tier 1	Beatty Street, Manzanita Street, Niantic Street, Maple Street, Bartlett Street from McAndrews Road to Jackson Street	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$24.42	4	-	-	Not applicable.	-	-	✓	-	✓	-
B4	Tier 1	Holly Street, Jackson Street to Monroe Street	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$23.50	3	-	-	Not applicable.	-	-	✓	-	✓	-
B5	Tier 1	Main Street, Oakdale Drive to Almond Street	Bicycle	Reconfigure to Provide Bike Lanes	\$12.79	4	✓	-	Not applicable.	-	✓	✓	✓	✓	-
B56	Tier 1	Main Street, Willamette Avenue to Valley View Road	Bicycle	Reconfigure to Provide Bike Lanes	\$6,705.00	5	-	-	Not applicable.	-	✓	-	✓	✓	-
B6	Tier 1	Keene Way Drive, Bradbury Street, Crater Lake Avenue to Roberts Road	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$14.42	2	-	-	Not applicable.	-	-	✓	-	✓	-

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2018-2038 Medford Transportation System Plan Project List - DRAFT																
B67	Tier 1	Table Rock Road, Merriman Road to W. Table Rock Rd	Bicycle (with pedestrian sidewalk)	Provide 14-foot bike lane and sidewalk behind curb	\$1,685.00	0	✓	–	Not applicable.	–	✓	✓	–	✓	–	✓
B7	Tier 1	Keene Way Drive, Brookhurst Street to Camelia Avenue	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$2.55	2	✗	–	Not applicable.	–	–	✓	–	–	✓	–
B8	Tier 1	Keene Way Drive, Camelia Avenue to Keene Drive	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$29.83	3	✗	–	Not applicable.	–	–	✓	–	–	✓	–
B9	Tier 1	Fortune Drive, Eastwood Drive, Keene Way Drive, Keene Drive, Groveland Avenue, Dellwood Avenue, Willamette Avenue to Modoc Avenue	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$27.68	2	✗	–	Not applicable.	–	–	✓	–	–	–	–
Pr2 ★	Tier 1	Various bicycle network gap locations with focus on high priority areas including schools, activity centers and essential destinations, transit routes, and transit oriented development areas	Bicycle	Evaluate and construct potential roadway reconfigurations to accommodate bicycle facilities through re-striping and/or minor reconstruction at high-priority locations (\$500,000 annually)	\$10,000	42	✓	–	Not applicable.	–	✓	✓	✓	✓	✓	–
B107	Tier 2	Biddle Road, South of Knutson Avenue to Morrow Road	Bicycle	Reconfigure to Provide Bike Facilities	\$13,315.00	0	✓	–	Not applicable.	✓	✓	✓	✓	✓	✓	✓
B110	Tier 2	Main Street, Columbus Avenue to Oakdale Drive	Bicycle	Reconfigure to Provide Bike Facilities	\$5,255.00	2	–	–	Not applicable.	–	✓	✓	✓	✓	✓	–
B12	Tier 2	Elliendale Drive, Barnett Road to Hospitality Way	Bicycle (with pedestrian sidewalk)	Provide 14 foot bike lane and sidewalk behind curb	\$995.00	0	✗	–	Not applicable.	–	✓	–	–	–	✓	–
B13	Tier 2	Jackson Street, Central Avenue to East of Pearl Street	Bicycle	Reconfigure to Provide Bike Facilities	\$11,330.00	6	✓	–	Not applicable.	✓	✓	✓	✓	✓	✓	✓
B14	Tier 2	Stevens Street, Biddle Road to Crater Lake Avenue	Bicycle	Reconfigure to Provide Bike Facilities	\$3,590.00	3	–	–	Not applicable.	✓	✓	✓	✓	✓	✓	–
B148	Tier 2	Hillcrest Road, Highcrest Drive to McAndrews Road	Bicycle	Provide Bike Facilities within existing curb	\$965.00	3	✗	–	Not applicable.	–	✓	✗	✓	✗	✗	–
B149	Tier 2	Hillcrest Road, Foothill Road to Bel Air Court	Bicycle	Provide Bike Facility in the uphill direction.	\$25.00	4	–	–	Not applicable.	–	✓	✗	✓	✓	✗	–
B151	Tier 2	Columbus Avenue, Prune Street to McAndrews Road	Bicycle	Reconfigure to Provide Bike Facilities	\$11,490.00	3	✓	–	Not applicable.	✓	✓	–	✓	✓	✓	–
B152	Tier 2	Cardinal Avenue, Lear Way to Crater Lake Highway	Bicycle	Reconfigure to Provide Bike Facilities	\$1,835.00	0	–	–	Not applicable.	–	✓	✓	✓	✓	✓	–
B16	Tier 2	Court Street, Rossanley Drive to Edwards Street	Bicycle	Reconfigure to Provide Bike Facilities	\$7,410.00	1	–	–	Not applicable.	–	✓	–	✓	✓	✓	–
B17	Tier 2	Central Avenue, McAndrews Road to Jackson Street	Bicycle	Reconfigure to Provide Bike Facilities	\$8,290.00	0	✓	–	Not applicable.	–	✓	✓	✓	✓	✓	–
B18	Tier 2	Oak Street, Jackson Street to 2nd Street, 2nd Street, Oak Street to Rose Avenue, Rose Avenue, 2nd Street to West Main Street	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$405.00	2	✗	–	Not applicable.	–	–	✓	–	–	✓	–
B19	Tier 2	Ridge Way, Wabash Avenue to Keene Way Drive	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$845.00	1	✗	–	Not applicable.	–	–	–	–	–	–	–
B20	Tier 2	Corona Avenue, Grand Avenue to McAndrews Road	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$1,310.00	1	✗	–	Not applicable.	–	–	✓	–	–	–	–
B21	Tier 2	Biddle Road, Table Rock Road to south of Airport Road	Bicycle	Reconfigure to Provide Bike Facilities	\$7,295.00	1	✓	–	Not applicable.	✓	✓	✗	✓	✗	✗	–
B22	Tier 2	Poplar Drive, Crater Lake Highway to Morrow Road	Bicycle (with pedestrian sidewalk)	Provide 14-foot bike lane and sidewalk behind curb	\$5,310.00	0	–	–	Not applicable.	✓	✓	✓	–	–	✓	–

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B23	Tier 2	Morrow Road, Biddle Road to Corona Avenue	Bicycle	Reconfigure to Provide Bike Facilities	\$6,900.00	0	-	-	Not applicable.	-	✓	✓	✓	✓	-
B24	Tier 2	Corona Avenue, Roberts Road to Grand Avenue	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$2,455.00	1	✗	-	Not applicable.	-	-	✓	-	✓	-
B25	Tier 2	Roberts Road, Corona Avenue to Melody Lane	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$2,755.00	0	✗	-	Not applicable.	-	-	✓	-	✓	-
B26	Tier 2	Melody Lane, Roberts Road to Brookhurst Street	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$805.00	0	✗	-	Not applicable.	-	-	-	-	✓	-
B27	Tier 2	Brookhurst Street, Melody Lane to Keene Way Drive	Bicycle	Reconfigure to Provide Bike Facilities	\$1,875.00	1	-	-	Not applicable.	-	✓	✓	✓	✓	-
B28	Tier 2	Keene Way Drive, Roberts Road to Brookhurst Street	Bicycle	Reconfigure to Provide Bike Facilities	\$1,660.00	1	-	-	Not applicable.	-	✓	✓	✓	✓	-
B30	Tier 2	Whittle Avenue, Crater Lake Highway to Roberts Road	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$4,540.00	0	-	-	Not applicable.	-	-	✓	✓	✓	-
B31	Tier 2	Delta Waters Road, Lear Way to Crater Lake Avenue	Bicycle (with pedestrian sidewalk)	Provide 14-foot bike lane and sidewalk behind curb	\$9,390.00	3	✓	-	Not applicable.	✓	-	✗	-	✓	-
B37	Tier 2	McLoughlin Drive, Ford Drive to Delta Waters Road	Bicycle	Reconfigure to Provide Bike Facilities	\$1,530.00	1	-	-	Not applicable.	-	✓	✓	-	✓	-
B40	Tier 2	Town Center Drive Public Access, McAndrews Road to Royal Avenue	Bicycle	Planned Public Access Easement	NA	0	-	-	Not applicable.	-	-	✓	-	✗	-
B41	Tier 2	Public Access, Royal Avenue to Market Street	Bicycle	Planned Public Access Easement	NA	0	-	-	Not applicable.	-	-	✓	-	✗	-
B68	Tier 2	Cedar Links Drive, Springbrook Road to Wilshire Drive	Bicycle	Reconfigure to Provide Bike Facilities	\$10,465.00	4	✗	-	Not applicable.	-	✓	✗	✓	✓	-
BXX	Tier 2	Lear Way, Commerce Drive to Delta Waters	Bicycle	Reconfigure to Provide Bike Facilities	\$0.00	0	-	-	Not applicable.	-	✓	-	✓	✓	-
BXX	Tier 2	Riverside Avenue, Highway 62 to Barnett	Bicycle	Reconfigure to Provide Bike Facilities	\$0.00	0	✓	-	Not applicable.	✓	✓	-	✓	✓	✓
BXX	Tier 2	Riverside Avenue, Barnett to Stewart	Bicycle (with pedestrian sidewalk)	Provide 14-foot bike lane and sidewalk behind curb	\$0.00	0	✓	-	Not applicable.	✓	✓	✓	✓	✓	✓
BXX	Tier 2	Central Avenue, 4th Street to Barnett	Bicycle	Reconfigure to Provide Bike Facilities	\$0.00	0	✓	-	Not applicable.	-	✓	✓	-	✓	✓
BXX	Tier 2	Stewart Avenue, West of Dixie to Center Drive	Bicycle (with pedestrian sidewalk)	Provide 14-foot bike lane and sidewalk behind curb	\$0.00	0	-	-	Not applicable.	✓	✓	✓	-	✓	✓
BXX	Tier 2	McAndrews Road, Columbus Avenue to Brookdale	Bicycle (with pedestrian sidewalk)	Provide 14-foot bike lane and sidewalk behind curb	\$0.00	0	-	-	Not applicable.	✓	✓	✓	-	✓	✓
BXX	Tier 2	Black Oak Drive, Barnett to Larson Creek Greenway	Bicycle	Reconfigure to Provide Bike Facilities	\$0.00	0	-	-	Not applicable.	-	✓	✓	-	✓	✓
BXX	Tier 2	Murphy Road, Barnett to Larson Creek Greenway	Bicycle	Reconfigure to Provide Bike Facilities	\$0.00	0	-	-	Not applicable.	-	✓	✓	✓	✓	-
BXX	Tier 2	Holly Street, Barnett to Stewart	Bicycle (Neighborhood Bikeway)	Sign and Stripe Neighborhood Bikeway	\$0.00	0	-	-	Not applicable.	-	-	✓	-	✓	-
Average Rating						2	-	-	Not applicable.	-	✓	✓	-	✓	-

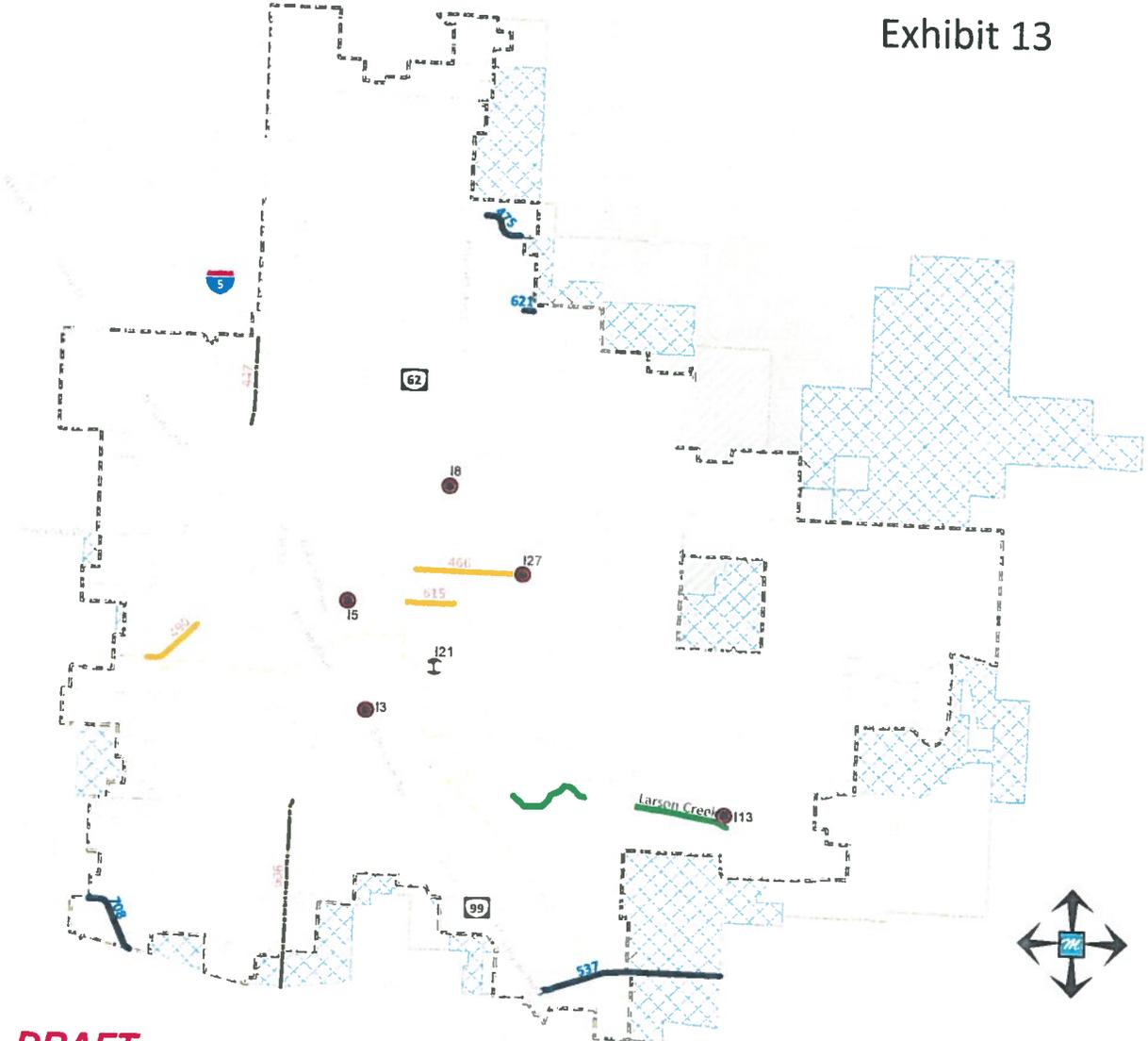
Exhibit 13

City of **Medford** TRANSPORTATION SYSTEM PLAN UPDATE

**Engineering Staff's Proposed Project List
(Bicycle and Pedestrian
Infill Programs not Mapped)**

Legend

- Intersection Projects (Proposed Priority Project Type)**
- Intersection Projects (Medford Tier 1)
- Street Projects (Proposed Priority Project Type)**
- New Roadways (Medford Tier 1)
 - Urban Upgrades (Medford Tier 1)
 - Urban Upgrades (Medford Tier 2)
- Shared Use Paths (Proposed Priority Project Type)**
- Shared Use Paths (Medford Tier 2)
- UGB
- City Limits
- Wards
- Expansion Area Boundary
- Urban Reserve Areas



DRAFT



3/20/2018