



AGENDA

Middle Rogue Metropolitan Planning Organization **Technical Advisory Committee**

Date: *Thursday, May 2, 2019*

Time: *1:30 p.m.*

Location: *Courtyard Conference Room, Grants Pass City Hall*
101 NW "A" Street, Grants Pass, OR

Transit: *served by JCT Routes #35, 40, 50, 80 and the Rogue Valley*
Commuter Line

Contact: *Rebecca Swanz, RVCOG: 541-423-1375*

MRMPO website: www.mrmppo.org

1	Call to Order / Introductions / Review Agenda	Wade Elliot, Chair
2	Review / Approve Minutes	Chair
Attachment	#1 MRMPO TAC Draft Minutes 04042019	
Action Items		
3	CMAQ Project Application	Wade Elliot & Ryan MacLaren
Background	The City of Grants Pass requests obligation of additional CMAQ funds to complete a project implemented in 2012 that improves pedestrian and bicycle access to Josephine Community Transit stops. The project completes many separate pedestrian projects throughout older and underserved residential neighborhoods. The project has a significant impact on the City’s existing multi-modal transportation system and fill in a prominent gap in the City’s overall system.	
Attachment	#2 CMAQ Application/Map Bundle #3 CMAQ Project Analysis/Bike Ped Emissions Doc	
Action Requested	Forward recommendation to Policy Committee.	

Action Items continued...		
4	2018–2021 Transportation Improvement Program (TIP) Amendment	Ryan MacLaren
Background	<p>The TAC is being asked to make a recommendation to the Policy Committee on the proposed TIP amendment:</p> <ul style="list-style-type: none">• <i>Expanding Access to Transit</i> <p>The 21-day public comment period and public hearing was advertised on or before April 26, 2019 in the <i>Medford Mail Tribune</i>, <i>Rogue River Press</i>, and <i>Grants Pass Daily Courier</i>. Information is currently available on the MRMPO website.</p>	
Attachment	#4 Memo: TIP/RTP Amendment	
Action Requested	Forward recommendation to Policy Committee.	
Discussion Items		
5	Discussion about Funding Projections for the RTP Update	Karl Welzenbach
Background	<p>At its February meeting, the TAC discussed a suggestion from RVCOG staff regarding Discretionary Funding allocations amongst the member local governments. At that meeting the TAC directed staff to perform another analysis and distribute the available funds by population. The attached document shows the results of both approaches.</p>	
Attachment	#5 Memo on Discretionary Funding Distribution for RTP Update	
6	<p>Public Comment</p> <p><i>*Limited to one comment per person, five-minute maximum time limit.</i></p>	Chair
Regular Updates		
7	Updates on Currently Active MRMPO Projects	TAC Members
Attachment	#6 Tracking Spreadsheet for Currently Active MRMPO Projects	
8	MPO Planning Update	Karl Welzenbach
9	<p>Other Business / Local Business</p> <p>Opportunity for MRMPO member jurisdictions to talk about transportation planning projects.</p>	Chair
10	Adjournment	Chair

- The next MRMPO Technical Advisory Committee (TAC) meeting will be **Thursday, June 6, at 1:30 p.m.** in the Courtyard Conference Room at Grants Pass City Hall.
- The next MRMPO Policy Committee meeting will be **Thursday, May 16 at 2:30 p.m.** in the Courtyard Conference Room at Grants Pass City Hall.

IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, IF YOU NEED SPECIAL ASSISTANCE TO PARTICIPATE IN THIS MEETING, PLEASE CONTACT RVCOG, 541-664-6674. REASONABLE ADVANCE NOTICE OF THE NEED FOR ACCOMMODATION PRIOR TO THE MEETING (48 HOURS ADVANCE NOTICE IS PREFERABLE) WILL ENABLE US TO MAKE REASONABLE ARRANGEMENTS TO ENSURE ACCESSIBILITY TO THIS MEETING.



Summary Minutes

Middle Rogue MPO Technical Advisory Committee

April 4, 2019

The following attended:

Voting Members	Organization	Phone Number
Dick Converse	Gold Hill	423-1373
Ian Horlacher	ODOT	423-1362
Jason Canady	Grants Pass	450-6110
John Vial	Jackson County	774-6238
Josh LeBombard	DLCD	414-7932
Michael Bollweg	Rogue River	660-0093
Neil Burgess	Josephine County	474-5460
Scott Chancey, Vice Chair	Josephine County Transit	474-5441
Wade Elliott, Chair	Grants Pass	450-6114
Alternates	Organization	Phone Number
Staff	Organization	Phone Number
Karl Welzenbach	RVCOG	423-1360
Ryan MacLaren	RVCOG	423-1338
Nikki Hart-Brinkley	RVCOG	423-1378
Interested Parties	Organization	Phone Number
Lesley Orr	Bike/Ped	

[MRMPO TAC April 4, 2019 Agenda Packet](#)

Full meeting recording: [2019-04-04 MRMPO TAC Meeting Audio](#)

- 1. Call to Order / Introductions / Review Agenda 00:00–02:52**
1:30 p.m. | *Quorum*: Gold Hill, Grants Pass, Jackson County, Josephine County, ODOT

2. Review / Approve Minutes 02:53–03:31

03:01 | John Vial moved to approve the March 7, 2019 MRMPO TAC meeting minutes as presented. Seconded by Neil Burgess.

The motion carried unanimously by voice vote.

Presentations

3. Environmental Assessment Tool 03:32–34:16

Assessment tool that can be used to evaluate if a project area overlaps with regulated areas such as ODFW's Critical Habitat, FEMA Flood Zones, National Wetlands Inventory, etc.

Please review and provide feedback for Nikki.

Action Items

4. 2019–2020 Unified Planning Work Program 34:17–37:26

36:58 | John Vial moved to recommend approval of the UPWP as presented to the MRMPO Policy Committee. Seconded by Ian Horlacher.

No further discussion.

The motion carried unanimously by voice vote.

Discussion Items

5. RTP Discussion: Goals & Objectives 37:27–47:05

6. RTP Discussion: Funding Estimates 47:06–01:04:021

7. Public Comment 01:04:22–01:04:28

Regular Updates

~~8. MPO Planning Update~~

9. Other Business / Local Business 01:04:29–01:14:27

10. Adjournment

2:45 p.m.

Scheduled Meetings:

MRMPO TAC | May 2, 2019 | 1:30 pm

MRMPO Policy Committee | May 16, 2019 | 2:30 pm



Project Funding Application:

- Surface Transportation Block Grant (STBG)
- Congestion Mitigation & Air Quality (CMAQ)

Federal Fiscal Years: **2019 - 2021**

Applications Due: **Friday, September 30, 5pm**

Eligibility

This application is to be used to apply for MRMPO STP and CMAQ funds. MRMPO will attempt to establish eligibility prior to funding consideration by the Policy Committee. Final eligibility determinations will be made by Federal Highway Administration. Please refer to attached instructions for details about information required below.

Project Readiness

Federal funds from both programs to be awarded to projects through this solicitation will be available Oct., 2018 (Federal Fiscal Year 2019), Oct. 1, 2019 (FFY 2020), Oct. 1, 2020 (FFY 2021). Project will be ready with match funds (generally 10.27%) and additional funds necessary to complete project/phase, in (check one):

☐ Oct. 1, 2018 (FFY 2019) ☐ Oct. 1, 2019 (FFY 2020) ☐ Oct. 1, 2020 (FFY 2021)

Maps & Photographs

As applicable, maps illustrating project location (with termini) and photographs of area (especially illustrating need or deficiency) **are required**. These items along with the information provided below will be used to evaluate the project and will be viewed by the Policy Committee as members make funding decisions.

1. APPLICATION INFORMATION

Fill out this part completely

Applicant (Must be MRMPO Member)

Partner (if any)

May be a jurisdiction or other public or private organization

Project Title

Mode: Roadway ☐ Transit ☐ Bike/Ped ☐ Other ☐

Project Description: **Attach map and photographs**

Project Location Detail: (as applicable)

- Street(s) Name (or Nearest Street): _____ • Functional Class: _____
- Cross Streets, Termini: _____
- Total Lineal Feet of Grant-Funded Improvement _____

Staff Contact

Phone

Email:

MRMPO CMAQ & STBG Funding, 2019 - 2021 Application

2. COST ESTIMATE & FUNDING REQUESTED

Fill out this part completely

Total Estimated Project Cost: *For construction projects, attach cost estimator or engineer's stamped estimate*

	Year	Federal Funds Requested		Local Funds*	Other	Total
		STBG	CMAQ			
Project Devel.		\$	\$	\$	\$	\$
Design/Engineer		\$	\$	\$	\$	\$
Right-of- Way		\$	\$	\$	\$	\$
Construction		\$	\$	\$	\$	\$
Other		\$	\$	\$	\$	\$
Total		\$	\$	\$	\$	\$

**Highly leveraged projects earn higher rating)*

Fund Preference -
if any

STBG ☐

CMAQ ☐

If preference checked, please explain:

3. PROJECT EVALUATION CRITERIA

Complete as applicable to project

Applications will be scored according to how well the project fulfills *recommended* MRMPO goals in the four areas itemized below: **Mobility, Community Vitality & Livability, Transportation Options** and **Resource Conservation**. A full explanation of these goals-based criteria is in the attached guidance. Reviewing the goals may help in providing the best information about your project. **It is not anticipated that any one application would respond to all items in this section.**

Information provided in the shaded areas may be used to evaluate project for CMAQ funding.

3.a) MOBILITY

Safety: Project anticipated to reduce the number and severity of crashes.

Location: Roadway ☐ Bike/Ped ☐ Transit ☐ Other ☐ *Explain "Other":*

Crash Data / History:

Describe safety problem and how project will address it:

Congestion Relief – Reduce Delay: Improve LOS ☐ Reduce Delay/Idle Time ☐

How Will Project Reduce Congestion and Delay? Include idle time estimate. Measurable heavy-duty vehicle improvements should be entered in section 3.b

Promote Connectivity: Roadway ☐ Bike/Ped ☐ Transit ☐ Anticipate VMT Reduction ☐

Describe connectivity feature(s); How project completes network. Explain anticipated VMT Reduction (if checked)

Population Served: Applicant-Provided ADT _____ or Transit Boarding _____

RVMPO staff will estimate number of people served by project (population and employment) using RVMPO travel demand model data (TAZ data).

MRMPO CMAQ & STBG Funding, 2019 - 2021 Application

3.b) COMMUNITY VITALITY & LIVABILITY

Likely-Underserved Populations Impact/Benefit: Minority & Limited English Proficiency, Low-Income, Senior, Disabled Populations (*Applicant may provide additional information here regarding populations to be served*)

☐ Project will improve handicapped access

Project Supports Increased Housing on Transit Route ☐ Yes

Identify route (or potential route), explain relationship

Project Supports Increased Housing and/or Employment in Downtown, Mixed-Use/Pedestrian-Friendly Areas. ☐ Yes

- Project is located in a downtown, activity center, or other mixed-use (residential/employment) area ☐ Yes ☐ No

- Project supports/is part of a high-density (at least 10 du/acre) area: ☐ Yes ☐ No

- Identify or Describe Area:

Benefits Freight Movement
(check appropriate)

☐ Reduce Truck VMT

☐ Reduce Truck Idle

☐ Other (explain at right)

Provide as appropriate:

• Truck VMT/yr _____ • Anticipated Truck VMT Reduction/yr _____

• Truck Idle Hrs/yr _____ • Anticipated Truck Idle Reduction/yr _____

• Truck ADT _____ • Additional Information:

(If project reduces truck VMT or emissions, project may be evaluated for CMAQ funds. Light-duty vehicle reductions should be entered in 3a –Mobility, above.)

3.c) TRANSPORTATION OPTIONS

Project Reduces Dependence on Motor Vehicles or Single-Occupant Vehicles ☐ Yes

Explain:

Project Supports Increased Transit, Bike, Pedestrian Mode Share ☐ Yes

Explain:

Project is or Includes Bicycle Facility ☐ Yes

Project is or Includes Bicycle Facility on a Collector or Arterial ☐ Yes

Total Lane length: _____

Project is or Includes a Sidewalk ☐ Yes

Project is or Includes a Sidewalk on a Collector or Arterial in Mixed-use/Downtown Area ☐ Yes

Total length: _____

MRMPO CMAQ & STBG Funding, 2019 - 2021 Application

3.d) RESOURCE CONSERVATION

Environmental Mitigation

(Describe conservation features to be incorporated -- permeable surface, wetland protection, etc.)

Air Quality Benefits (in addition to those identified elsewhere)

Diesel Vehicle Project (check one)

- ☐ Diesel retrofit
☐ Diesel Fuel Conversion
☐ Alt Fueling Station
☐ Other (explain at right)

Project Description:

New Fuel Type: _____

Number on-road vehicles covered or served: _____ vehicles

Annual mileage all project vehicles within RVMPO area: _____ miles/yr

CO₂ Reductions

☐ Yes

Explain:

(Generally, project that reduces travel by combustion vehicle)

Emerging Technology

☐ Yes

Explain:

(Describe technology to be incorporated)

System Preservation

☐ Yes

Explain:

Pavement Preservation

☐ Yes

(How project extends the life of existing facility)

VMT Reduction: (Explain how project will reduce travel)

Estimate VMT Reduction _____ miles/yr.

System Efficiency

☐ Yes

Explain:

(Project expands capacity without major investment; improves function without increasing capacity.)

Project Lifespan _____ yrs.

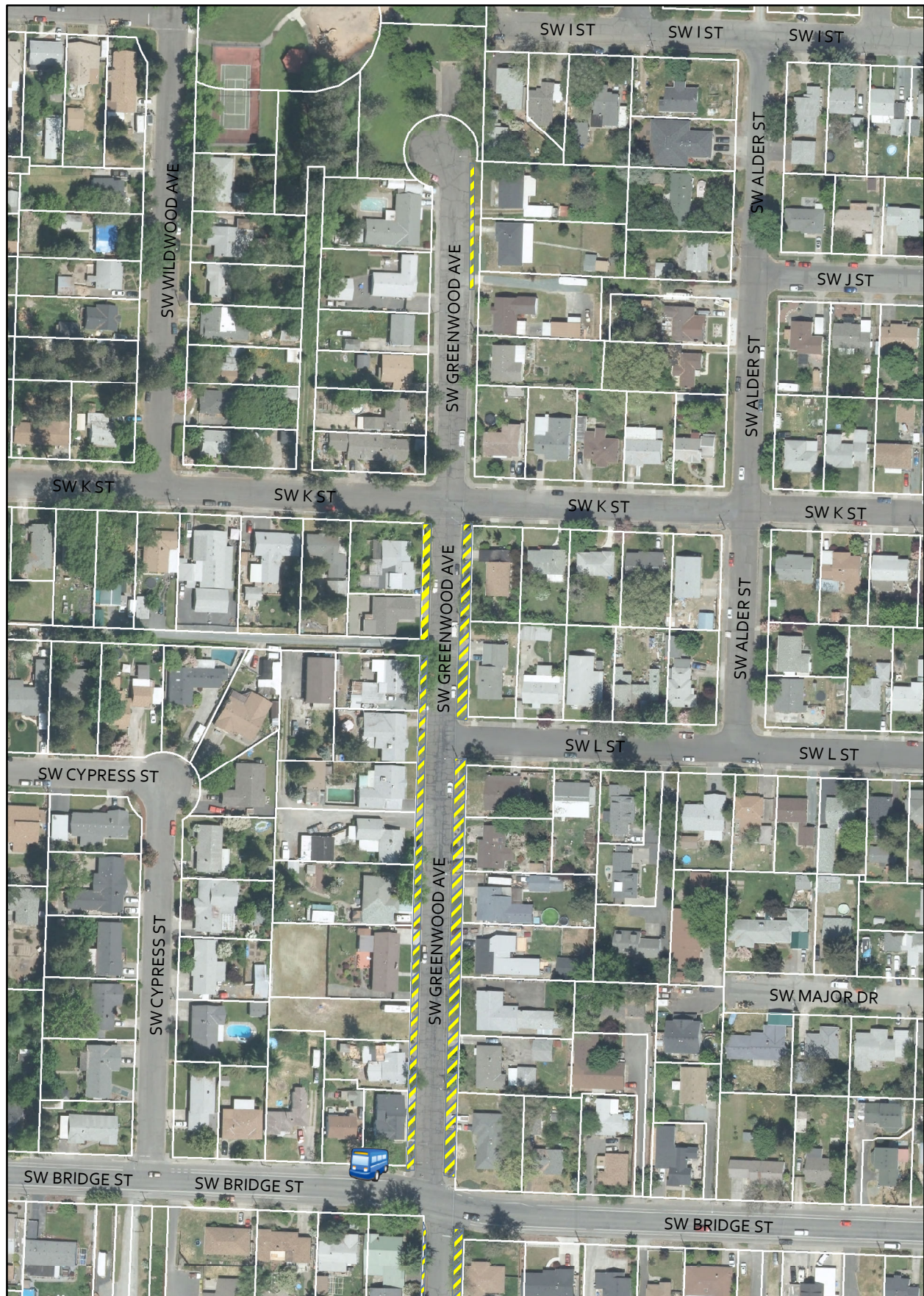
For CMAQ Funding: Duration of PM10 & CO Benefit _____ yrs.

(Duration of improvement, program or service in this application)

4. ADDITIONAL PROJECT INFORMATION Optional; Information not submitted elsewhere

Expanding Access to Transit Greenwood Avenue Infill (Bridge Street to Westholm Park)

Attachment #2
(Agenda Item 3)



10

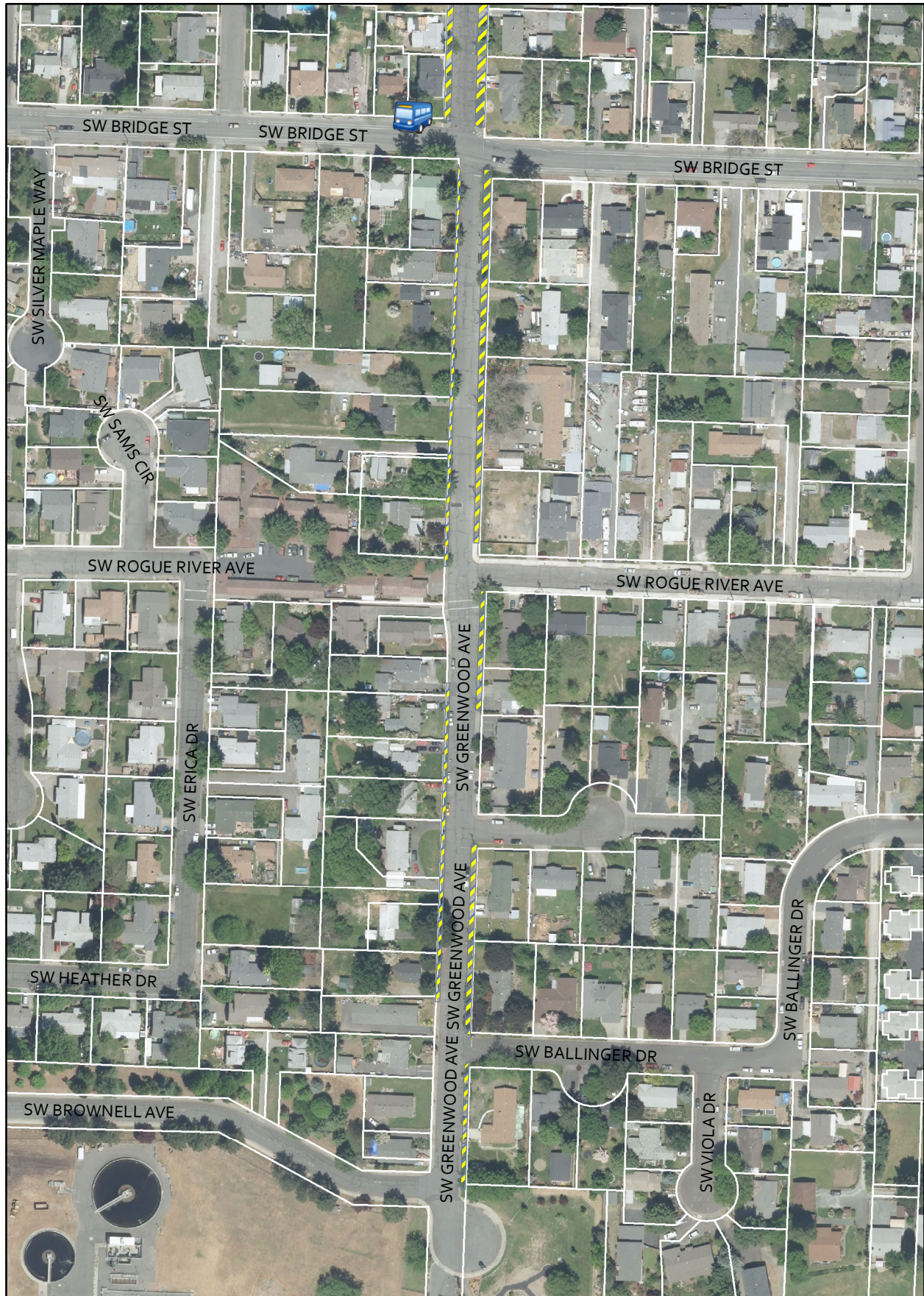
0

0.0175 0.035

0.07 Miles

Expanding Access to Transit Greenwood Avenue Infill (Bridge Street to Brownell Avenue)

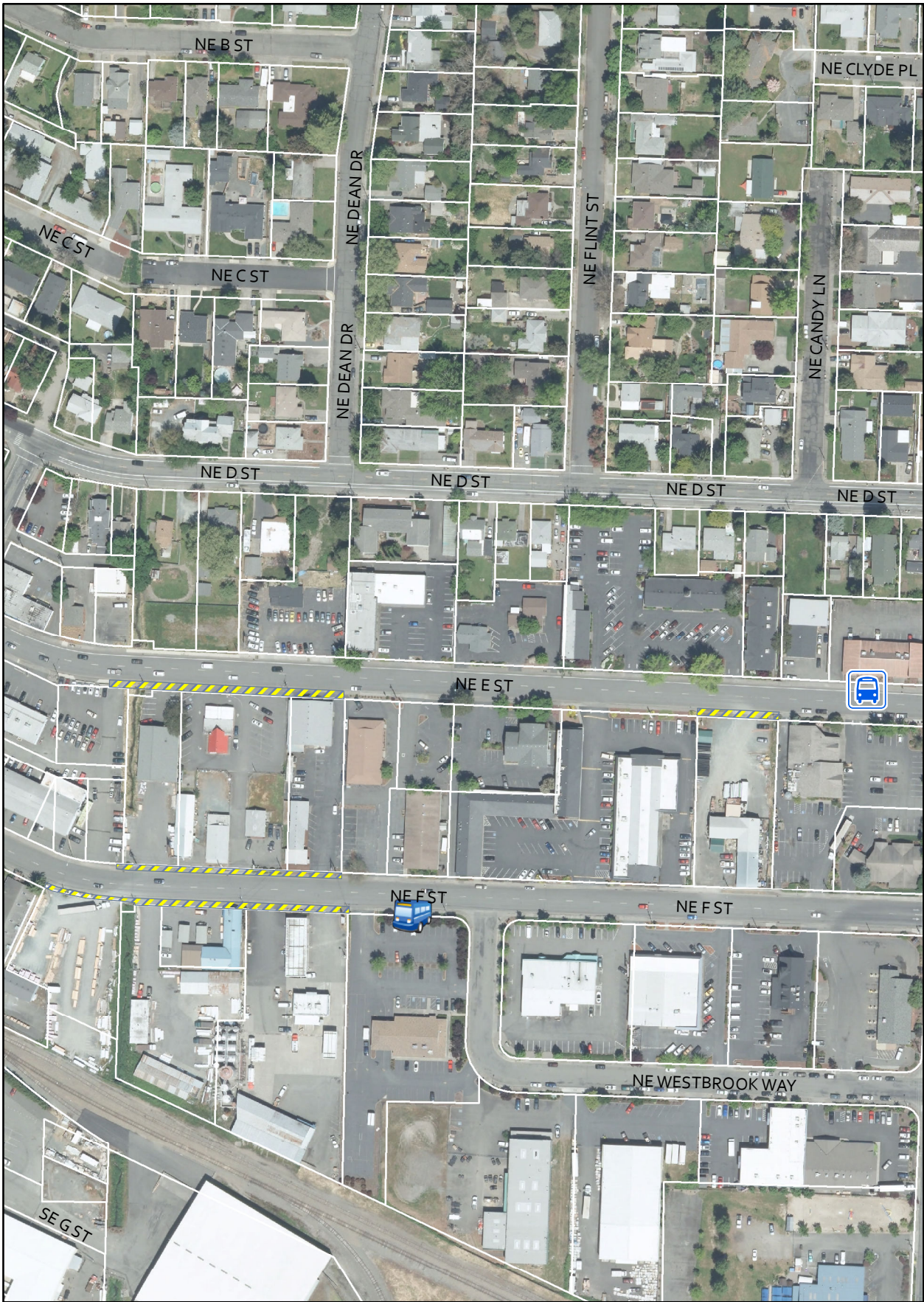
Attachment #2
(Agenda Item 3)



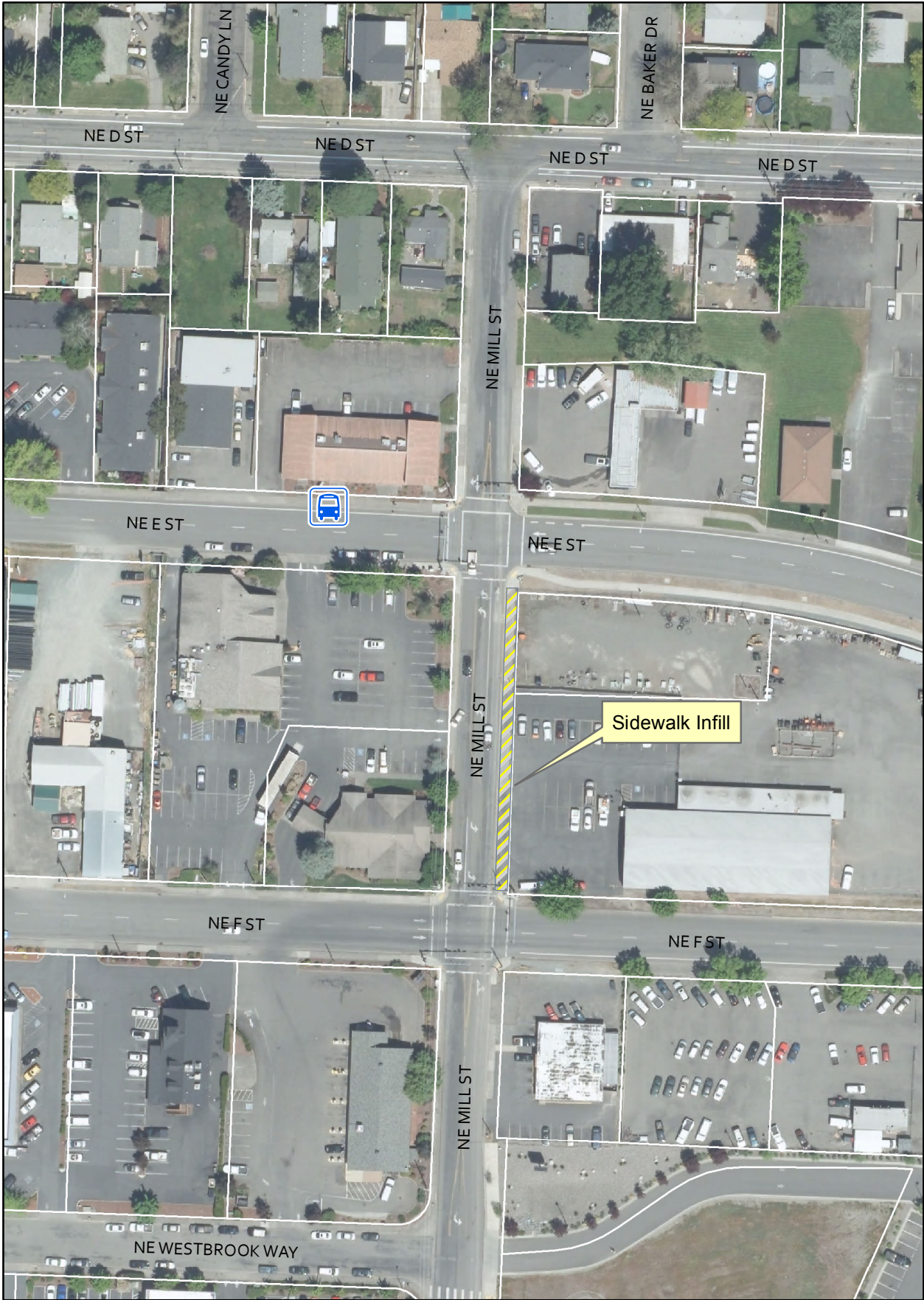
11

0 0.0225 0.045 0.09 Miles

Expanding Access to Transit 'E' and 'F' Street Infill



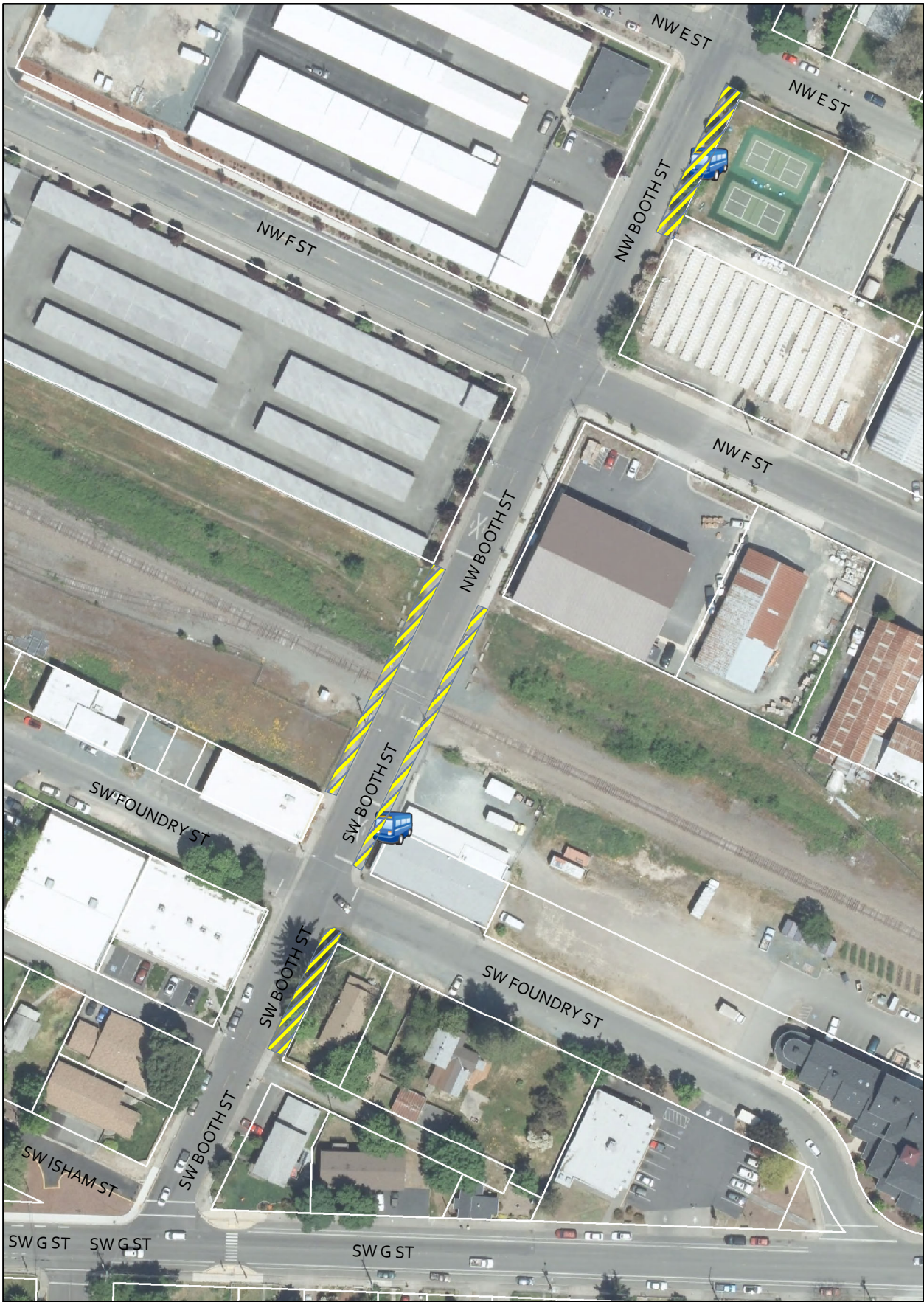
Expanding Access to Transit Mill Street Infill



Expanding Access to Transit 8th Street Infill



Expanding Access to Transit Booth Street Infill





**MIDDLE ROGUE METROPOLITAN PLANNING ORGANIZATION
REGIONAL TRANSPORTATION PLANNING**

Gold Hill • Grants Pass • Rogue River • Jackson County • Josephine County • Oregon Department of Transportation

CMAQ Project Analysis

Project Name:	Expanding Access to Transit
Applicant:	City of Grants Pass / Josephine County
Date of Analysis:	April 10, 2019
CMAQ Funds Request:	\$ 1,418,944
Total Project Cost:	\$1,581,349

Project Description

Infill sidewalks located near transit stops. Improvements will connect Ped facilities on six (6) roadway segments to complete Ped facilities to transit. Segments are as follows:

- Booth Street – ADT 1,902
- Greenwood Avenue (Bridge St. to Westholm Park) – ADT 824
- Greenwood Avenue (Bridge St. to Brownell Ave.) – ADT 803
- E and F Street – ADT 5,733
- Mill Street – ADT 507
- 8th Street – ADT 312

Analysis

Implementation of this project will impact PM₁₀ & CO emissions. The analysis will examine reductions in PM₁₀ and CO emissions. PM₁₀ emission factors and CO emission factors for vehicles and paved roadways are derived from the Federal Highway Administration Bicycle and Pedestrian Improvements Tool.

Assumptions used in this analysis:

1. Volume (ADT) = 10,081
2. Adjusted Volume (ADT) = 504 (based on 5% mode/shift reduction of 10,081 ADT)
3. Trip Length (miles) = 2 (Estimated MPO average vehicle trip length)
4. VMT (ADT * Trip Length) = (504*2) = 1,008 daily VMT reduced
5. Days of use = 365

PM₁₀ Analysis

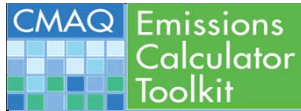
Daily Paved PM₁₀ Reduction = 0.046kg/day

PM₁₀ Annual Reduction = (0.046 kg * 365) = 16.79 kg/year

CO Analysis

CO Annual Reduction = 3.398kg/day

CO Annual Reduction = (3.398 kg * 365) = 1,240.27 kg/year



Bicycle and Pedestrian Improvements

This calculator will estimate the reduction in emissions resulting from improvements to bicycle and pedestrian infrastructure and associated mode shift from passenger vehicles to bicycling or walking, including but not limited to sidewalks, dedicated bicycle infrastructure, improved wayfinding, mid-block crossing installations, bike share systems, and bike parking improvements.

Navigator

Bicycle and Pedestrian Improvements

INPUT

(1) What is your project evaluation year?

(2) Estimate the change in daily motorized passenger vehicle trips due to the bicycle and pedestrian project.

Daily Trips		
Before	After	Change
10081	9577	504

(3a) Select the data type used for entering the typical one-way trip distance of passenger vehicles below:

Trip Distance Source

(3b) If you selected "Average" above, enter the typical one-way trip distance. If you selected "Distribution" above, enter the typical distribution of one-way trip distances.

Typical Trip Distance (miles one way)	Distribution of Trip Distances (daily fraction per mileage bin)				
	$x < 1$	$1 \leq x < 2$	$2 \leq x < 3$	$3 \leq x < 4$	$4 \leq x \leq 5$
<input type="text" value="2"/>	19.90%	20.40%	21.30%	17.20%	21.20%
					100.0%

OUTPUT

EMISSION REDUCTIONS

Pollutant	Total	*Units in kg/day unless otherwise noted
Carbon Monoxide (CO)	3.398	
Particulate Matter <2.5 μm (PM _{2.5})	0.011	
Particulate Matter <10 μm (PM ₁₀)	0.046	
Nitrogen Oxide (NOx)	0.275	
Volatile Organic Compounds (VOC)	0.199	
Carbon Dioxide Equivalent (CO ₂ e)	369.744	
Total Energy Consumption (MMBTU)	4.828	



DATE: April 4, 2019
TO: MRMPO Technical Advisory Committee
FROM: Ryan MacLaren, Senior Planner
SUBJECT: TIP Amendment(s)

The TAC is being asked to make recommendations to the Policy Committee on the proposed TIP amendment(s) described below. The Policy Committee will hold a public hearing at 2:30 p.m. on Thursday, May 16, 2019 to consider adoption of the proposed TIP amendment(s). The 21-day public comment period and public hearing will be advertised on or before February 27 in the Medford Tribune, Rogue River Press, Grants Pass Daily Courier, and information is currently available on the MRMPO website. Information on the new project is enumerated, below:

A. Add Project to TIP: *Expanding Access to Transit* (KN TDB)

Description: Infill sidewalks located near transit stops. Improvements will connect Ped facilities on six (6) roadway segments to complete Ped facilities to transit. Segments are as follows: Booth Street, Greenwood Avenue (Bridge St. to Westholm Park), Greenwood Avenue (Bridge St. to Brownell Ave.), E and F Street, Mill Street and 8th Street.

Project Name	Project Description	RTP Project Number	Air Quality Status	Key #	Federal Fiscal Year	Phase	Federal		Federal Required Match		Total Fed+Req Match	Other		Total All Sources
							\$	Source	\$	Source		\$	Source	
Grants Pass														
Expanding Access to Transit	Infill sidewalk located near transit stops.	n/a	Exempt - Table 2, Air quality			Planning	\$ 46,523	CMAQ	\$ 5,325	Local	\$ 51,848			\$ 51,848
						Design	\$ 158,177	CMAQ	\$ 18,104	Local	\$ 176,281			\$ 176,281
						Land Purchase				\$ -			\$ -	
						Utility Relocate				\$ -			\$ -	
						Construction	\$ 930,455	CMAQ	\$ 106,495	Local	\$ 1,036,950			\$ 1,036,950
						Other	\$ 283,789	CMAQ	\$ 32,481		\$ 316,270			\$ 316,270
				Total FFY18-21		\$ 1,418,944		\$ 162,405		\$ 1,581,349	\$ -		\$ 1,581,349	



DATE: April 25, 2019
TO: MRMPO Technical Advisory Committee
FROM: Karl Welzenbach, Planning Program Manager
SUBJECT: Discretionary Funding Distribution for Update to RTP

As a follow-up to our initial discussion back in February, the two tables below show how funds would be distributed amongst the member local governments of the MRMPO for the upcoming update to the RTP. Table 1 is an assumed percentile distribution and table 2 is a distribution by population.

TABLE 1				
Assumed percentage per Jurisdiction			\$ Amount Available	
Josephine County	20%		\$ 3,536,734.16	
Grants Pass	30%		\$ 5,305,101.24	
Rogue River	20%		\$ 3,536,734.16	
Gold Hill	15%		\$ 2,652,550.62	
Jackson County	15%		\$ 2,652,550.62	
Total			\$ 17,683,671	

TABLE 2		
If Funding were Distributed based on population		
Jurisdiction	Population	Funding Amount
Josephine Co.	16355	\$ 4,818,587
Grants Pass	37285	\$ 10,985,083
Rogue River	2245	\$ 661,433
Gold Hill	1220	\$ 359,442
Jackson Co.	2916	\$ 859,126
	60021	\$ 17,683,671

Staff is asking for direction as to which approach the TAC would be most comfortable with recommending to the Policy Committee for inclusion in the RTP update.

Ongoing MRMPO Projects 02-07-19

Agency	Project Name	TIP	Year Programmed (20XX)	Project Status (Phase / Status)		Comments Received
				P	S	
Grants Pass	Alt Fuel Facility Plan	15-18	15	PL		On hold.
				D		
				LP		
				UR		
				CN		
				OT		
Grants Pass	Bike/Ped Improvements	15-18	16	PL		Completed Pine Street & lower sections of Beacon. In the design phase for B Street.
				D	2	
				LP		
				UR		
				CN	2	
				OT		
Grants Pass	Redwood Ave Phase 2	15-18	14	PL	3	Complete.
				D	3	
				LP	3	
				UR	3	
				CN	3	
				OT	3	
Grants Pass	Redwood Ave Phase 3	15-18	15	PL	3	Complete.
				D	3	
				LP	3	
				UR	3	
				CN	3	
				OT	3	
JCT	Commuter Service	15-18	14	PL	0	Awaiting results of application for STIF funds to keep commuter line going.
				D	0	
				LP	0	
				UR	0	
				CN	0	
				OT	2	

Ongoing MRMPO Projects 02-07-19

Agency	Project Name	TIP	Year Programmed (20XX)	Project Status (Phase / Status)		Comments Received
Josephine County	Merlin Road Sidewalk	15-18	17	PL		Complete.
				D	2	
				LP	1	
				UR	1	
				CN	1	
				OT	1	
RVCOG	Hybrid Vehicle	15-18	14	OT	3	Complete.
Grants Pass	Allen Creek Road Improvements	18-21	18	PL	0	Talking with ODOT and working with the County. Scoping out possible different project. Would have to reimburse spent funds for project. Possible jurisdictional exchange between JoCo and City of Grants Pass.
				D	0	
				LP	0	
				UR	0	
				CN	0	
				OT	0	
JCT	Electric Transit Vehicles	18-21	19	PL	0	Electric vehicles ordered and will be arriving in June or July.
				D	0	
				LP	0	
				UR	0	
				CN	0	
				OT	0	
JCT	Transit Hub	18-21	19	PL	1	Waiting for FTA website to open and to transfer the funds from FTA.
				D	1	
				LP	1	
				UR	1	
				CN	1	
				OT	1	
Jackson County	Rogue River Greenway: Rock Point to Twin Bridges Rd	18-21	19,20	PL	3	County had an open house for project. Lane County hired to do the right-of-way acquisitions. Looking to build between Summer and Fall 2019.
				D	2	
				LP	2	
				UR	1	
				CN	1	
				OT	1	

Ongoing MRMPO Projects 02-07-19

Agency	Project Name	TIP	Year Programmed (20XX)	Project Status (Phase / Status)	Comments Received
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<u>Phase</u>	<u>Status</u>
PL= Planning	0 = N/A
D = Design	1 = Not Started
LP = Land Purchase	2 = In Process
UR = Utility Relocate	3 = Complete
CN = Construction	
OT = Other	