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## AGENDA

### Middle Rogue Metropolitan Planning Organization (MRMPO)

#### Technical Advisory Committee (TAC)

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*Date:* Wednesday October 16, 2013

*Time:* 9:30 a.m.

*Location:* Courtyard Conference Room, Grants Pass City Hall, 101 NW 'A' Street, Grants Pass, Oregon

*Phone :* Sue Casavan, RVCOG, 541-423-1360

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**1. Call to Order/Introductions/Review Agenda .....Michael Black**

**2. Review/Approve Minutes (Attachment 1) .....Chair**

#### ***Action Items:***

**3. Review Transportation Model for Air Quality Conformity ..... Dan Moore**

*Background:* Federal and State law require interagency consultation on transportation conformity determinations. The first step in the development of the 2015-18 Transportation Improvement Program (TIP), the 2015-40 Regional Transportation Plan (RTP) and Air Quality Conformity Determination (AQCD) is to get the TAC's input and consensus on the travel demand model proposed to be used.

*Attachments:* 2 - Memo, model documentation (attached separately) and model area map

*Action Requested:* Consensus on whether the Grants Pass model is appropriate to use for the development of the TIP, RTP and AQCD.

**4. Middle Rogue MPO Member Jurisdictions Dues Proposal..... Dan Moore**

*Background:* Dues provide funding for general operations, primarily activities that require local funds, including lobbying and local cash match obligations.

*Attachment:* 3 - Memo

*Action Requested:* Recommend approval to the Policy Committee

**5. 2015 – 18 TIP & 2016 – 40 RTP Tasks / Timeline ..... Dan Moore**

*Background:* This is an overview of the tasks and timeframes for developing and adopting the 2015-18 Transportation Improvement Program (TIP), 2016-40 Regional Transportation Plan (RTP), and Air Quality Conformity Determination (AQCD).

*Attachment:* 4 - Timeline spreadsheet

Action Requested: Concurrence with tasks and schedule

6. MRMPO Planning Update..... Dan Moore

7. Public Comment\* .....Chair

\*(Limited to one comment per person, five minute maximum time limit)\*

8. Other Business / Local Business .....Chair

Opportunity for MRMPO member jurisdictions to talk about transportation planning projects.

9. Adjournment ..... Chair

The next MPO Technical Advisory Committee meeting is scheduled for November 20, 2013.

**\*\*\* Please Note: The November TAC meeting will be held in Room 157 at the Josephine County Court House, the Courtyard Conference Room is not available for the November date. \*\*\***

- The next Middle Rogue MPO Policy Committee meeting is scheduled for Monday, November 11 at 2:00 p.m. in Room 157 at Josephine County Courthouse. Due to November 11 falling on Veteran’s Day, meeting information will be updated.

IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, IF YOU NEED SPECIAL ASSISTANCE TO PARTICIPATE IN THIS MEETING, PLEASE CONTACT SUE CASAVAN, 541-423-1360. 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 Metropolitan Planning Organization*  
*Technical Advisory Committee*

**September 18, 2013**

*The following people were in attendance:*

**MRMPO Technical Advisory Committee**

*Voting Members in Attendance:*

|                           |                          |
|---------------------------|--------------------------|
| Ian Horlacher             | ODOT                     |
| John Krawczyk             | Rogue River              |
| John Vial                 | Jackson County           |
| Josh LeBombard            | DLCD                     |
| Kelli Sparkman            | ODOT                     |
| Michael Black/Tom Schauer | Grants Pass              |
| Rick Hohnbaum             | Gold Hill                |
| Scott Chancey             | Josephine County Transit |
| Terry Haugen              | Grants Pass              |

*Voting Members Absent:*

|                  |                  |
|------------------|------------------|
| Chuck DeJanvier  | Josephine County |
| Wayne Kauzlarich | ODEQ             |

*Others Present:*

Greg Holmes

**RVCOG Staff**

Dan Moore, Sue Casavan

**1. Call to Order / Introductions / Review Agenda**

Michael Black called the meeting to order at 9:35 a.m.

**2. Review / Approve Minutes**

Black asked if there were any changes or additions to the August minutes.

**On a motion by Rick Hohnbaum and seconded by John Vial the committee unanimously approved the minutes as presented.**

**3. Congestion Mitigation & Air Quality (CMAQ) / Surface Transportation Program (STP) Project Solicitation Process – 2015-18 TIP Development**

Dan Moore briefly reviewed the solicitation packet. He indicated that the deadline date was set for November 13, 2013. Members felt they would need more time and chose an application deadline date of January 22, 2014 and a review workshop at the February 19 TAC meeting. February 28, 2014 will be the final date for revised applications received after the workshop. Moore will update the schedule and project selection process section.

Kelli Sparkman explained obligated funds and noted that obligation means that a jurisdiction has turned in a request to obligate money to FHWA and once it is approved and in their financial system it is obligated. The funds do not expire and there is some leeway as long as there is a plan in place. She added that there are typically three obligations for a project:

- Fee – IGA in place with ODOT
- Right-of-way phase
- Construction phase

Moore commented that MPO staff is available to help with the application process if needed and if there is a question about project eligibility let Dan know as soon as possible and he will work to get a determination from FHWA.

#### Comments

On Page 3, Application Process under General, last sentence “or engineer’s stamped estimate” change to ‘application must include a detailed estimate completed by competent staff’. Sparkman added that ODOT will help with the estimate if needed.

On Page 5, Location of Projects, clarify language (major collector and above?). Sparkman will send a link to maps with functional classification for each road. Moore will clarify the language in the paragraph.

On Page 7 and 8:

2. Modify language to match other changes
3. b) Community Vitality & Livability, 3. c) Transportation Options

Call out what the orange shaded sections mean on the actual application.

There was discussion about Transportation Options and members agreed they were all good goals and would not want to lose them as factors in evaluation. They suggested changing the title to ‘Additional Project Benefits’ and pull in the general ideas.

**On a motion by Scott Chancey and seconded by Ian Horlacher the committee unanimously forwarded recommendation to the Policy Committee to approve the project selection documents with subsequent changes for the Congestion Mitigation & Air Quality (CMAQ)/Surface Transportation Program (STP) solicitation.**

#### **4. Motor Vehicle Emissions Simulator (MOVES) Modeling**

Moore briefly discussed air quality conformity requirements and asked members for input on contractor proposals for the initial emissions analysis. Members discussed basic differences in the proposals and determined that Sierra Research appeared to be the most qualified.

**On a motion by John Vial and seconded by Rick Hohnbaum the committee unanimously forwarded recommendation for Sierra Research to do the initial analysis.**

#### **5. MRMPO Planning Update**

Moore briefly discussed the document Oregon’s Priorities for Reauthorization of MAP-21 and said he will be bringing it to the MRMPO Policy Committee for review and comment.

He mentioned that RVCOG will be looking for a planning program manager and he will be the interim program manager. He asked if there were any members interested in participating in the

interview process. Terry Haugen and Michael Black expressed interest.

**6. Public Comment**

None received.

**7. Other Business / Local Business**

None received.

**8. Adjournment**

The meeting was adjourned at 10:55 a.m.

DRAFT

## ***Middle Rogue Metropolitan Planning Organization***

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### **Regional Transportation Planning**

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

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**DATE:**        **October 8, 2013**  
**TO:**           **Technical Advisory Committee**  
**FROM:**       **Dan Moore, Interim MPO Coordinator**  
**SUBJECT:**   **Travel Demand Model for Transportation Conformity**

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Federal<sup>1</sup> and State<sup>2</sup> law require interagency consultation on transportation conformity determinations. The first step for the development of the 2015 – 2018 Transportation Improvement Program (TIP), the 2015 – 2040 Regional Transportation Plan (RTP), and Air Quality Conformity Determination (AQCD) is to get the MRMPO TAC's input and consensus on the travel demand model proposed to be used.

The purpose of this memo is to provide an overview of the modeling procedures for transportation conformity and to determine whether the transportation modeling procedures are in compliance with the modeling requirements of **40 CFR 93.122 – Procedures for determining regional transportation-related emissions**. Below are the federal regulations pertaining to modeling procedures and practices for transportation conformity.

§93.122 (b) (1) *in part*, Agencies must discuss modeling procedures and practices through the interagency consultation process as required by §93.105(c)(1)(i). Network-based travel models must at a minimum satisfy the following requirements:

- (i) Network-based travel models must be validated against observed counts (peak and off-peak, if possible) for a base year that is not more than 10 years prior to the date of the conformity determination. Model forecasts must be analyzed for reasonableness and compared to historical trends and other factors, and the results must be documented;
- (ii) Land use, population, employment and other network-based travel model assumptions must be documented and based on the best available information;
- (iii) Scenarios of land development and use must be consistent with the future transportation system alternatives for which emissions are being estimated. The distribution of employment and residences for different transportation options must be reasonable;
- (iv) A capacity-sensitive assignment methodology must be used, and emission estimates must be based on a methodology which differentiates between peak and off-peak link volumes and speeds and uses speeds based on final assigned volumes;

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<sup>1</sup> 40 CFR 93.105

<sup>2</sup> OAR 340-252-0060

- (v) Zone-to-zone travel impedances used to distribute trips between origin and destination pairs must be in reasonable agreement with the travel times that are estimated from final assigned traffic volumes. Where use of transit currently is anticipated to be a significant factor in satisfying transportation demand, these times should also be used for modeling modes splits; and,
  - (vi) Network-based travel models must be reasonably sensitive to changes in the time(s), cost(s), and other factors affecting travel choices.
- (2) Reasonable methods in accordance with good practice must be used to estimate traffic speeds and delays in a manner that is sensitive to the estimated volume of travel on each roadway segment represented in the network-based travel model.

### **OSUM Model**

The model proposed to be used for the RTP, TIP and AQCD is the Grants Pass Oregon Small Urban Model (OSUM). The Grants Pass model was developed to address the need for a travel demand forecasting tool that could be used for a variety of purposes, including development of the Grants Pass CO and PM<sub>10</sub> Maintenance Plans, transportation system planning, subarea transportation studies, the analysis of the transportation system impacts of large-scale development proposals, and the evaluation of the effects large-scale transportation projects. Model documentation is attached.

The proposed approach is to use the OSUM Grants Pass model through the first RTP/AQ analysis (spring 2016), and then start building a new model before the second RTP that will cover the larger MRMPO boundary. A map of the current model area is attached.

### **TPAU Model Review**

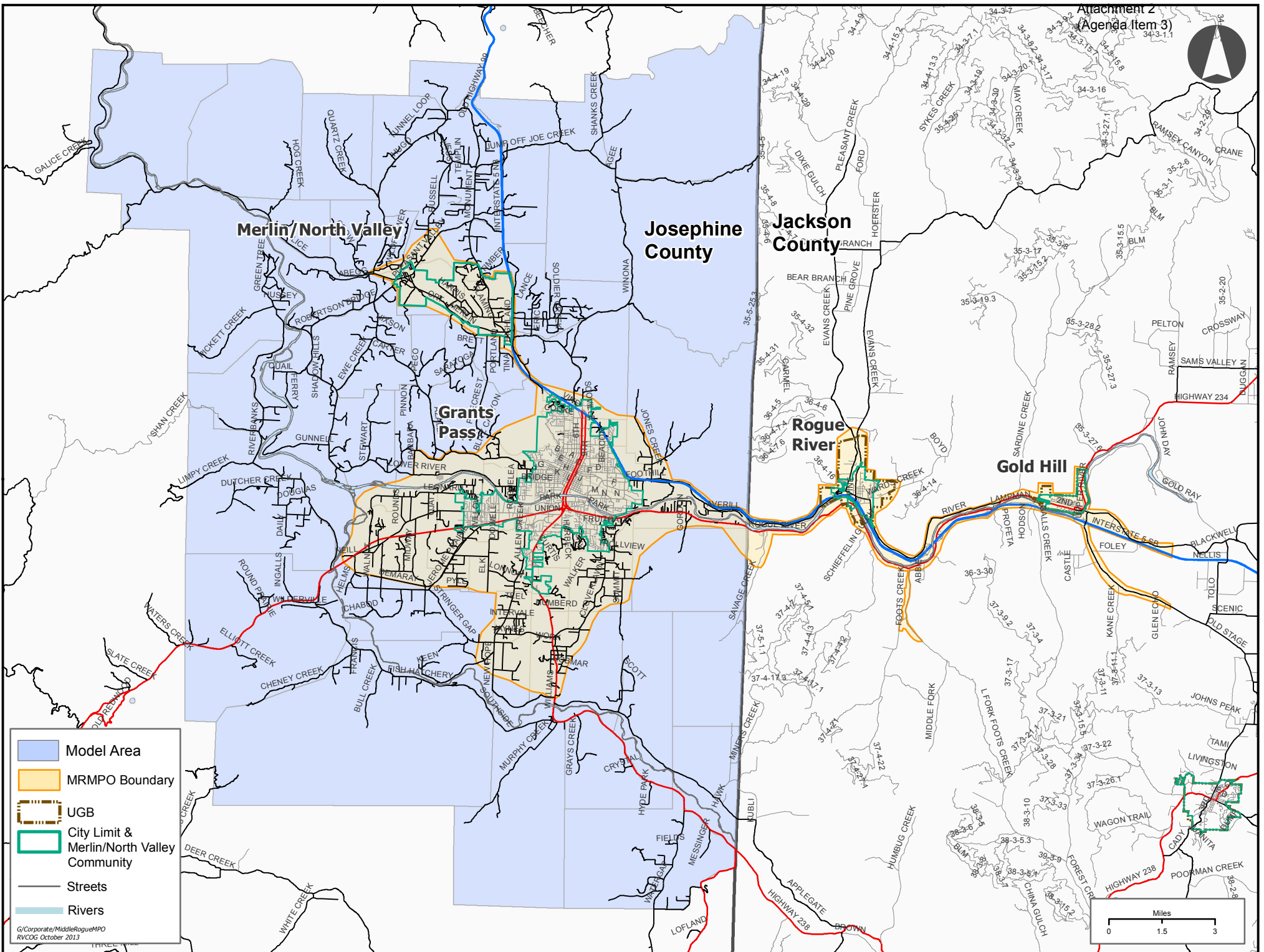
ODOT's Transportation Analysis Unit (TPAU) reviewed the procedures listed above and confirmed that the Grants Pass OSUM model will satisfy the requirements for transportation conformity, provided the following steps are taken:

1. Local agencies will need to provide 2040 Land Use inputs by TAZ (ii) and associated 2040 financially constrained network changes (iii) to accommodate the growth.
2. The base year will be 2010 calibrated to observed counts.
3. TPAU will add in a post-processing step the expected transit impact, given transit is not anticipated to be a "significant factor" in the region through 2040 (v).

Other model features that meet the requirements of §93.122 (b) (1):

- As required, OSUM uses a feedback mechanism between destination choice (v) and assignment (iv) that ensures that speeds in both sub-models are consistent.
- OSUM models are sensitive to changes in travel time and costs, among other factors (vi).

In summary, Staff requests the MRMPO TAC's determination on whether the Grants Pass model – with the steps noted above, is appropriate for the development of RTP, TIP and AQCD.



## ***Middle Rogue Metropolitan Planning Organization***

### **Regional Transportation Planning**

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

**DATE:** October 7, 2013  
**TO:** Technical Advisory Committee  
**FROM:** Dick Converse  
**SUBJECT:** Proposed FY 2014 MRMPO Dues

This memo addresses setting MRMPO member dues. Staff is seeking the TAC's recommendation to the Policy Committee for approval on the dues for the current fiscal year (FY 2013-14).

#### **MRMPO Member Dues**

Table 1, below, summarizes population and proposed dues for each jurisdiction. Population estimates are the most recent certified (July 1, 2012) from Portland State University. Population estimates for July 2013 will not be available until late November or early December. The recommended dues per capita rate is derived from the Rogue Valley Metropolitan Planning Organization (RVMPO) approved per capita rate.

**Table 1: Proposed MRMPO Dues**

| <b>Jurisdictions</b>    | <b>Certified<br/>Population<br/>Estimate<br/>7-1-12</b> | <b>Recommended<br/>Dues<br/>Rate/Capita</b> | <b>Recommended<br/>FY 2014 Dues</b> |
|-------------------------|---|---|-------------------------------------|
| <b>Grants Pass</b>      | <b>34,740</b>   | <b>\$0.16</b>                               | <b>\$5,558.40</b>                   |
| <b>Gold Hill</b>        | <b>1,220</b>  | <b>\$0.16</b>                               | <b>\$195.20</b>                     |
| <b>Rogue River</b>      | <b>2,145</b>  | <b>\$0.16</b>                               | <b>\$343.20</b>                     |
| <b>Jackson County</b>   | <b>1,596</b>  | <b>\$0.16</b>                               | <b>\$255.36</b>                     |
| <b>Josephine County</b> | <b>10,819</b>   | <b>\$0.16</b>                               | <b>\$1,731.04</b>                   |
| <b>Total</b>            | <b>50,520</b>   |   | <b>\$8,083.20</b>                   |

Dues provide funding for general operations, primarily activities that require local funds, including lobbying and local match obligations (10.27 percent of project cost). Dues pay for Policy Committee participation and staff support in advocacy activities for which federal funds cannot be used, including the Oregon MPO Consortium, the Association of Metropolitan Planning Organizations and the West Coast Corridor Coalition. Also, there is a possibility that

our MPO planning funds could be reduced next FY (discussions are ongoing with ODOT and the Oregon MPOs). Dues could help fill any funding gaps in the future.

Table 2 summarizes anticipated use of FY2014 member dues.

**Table 2: Summary Proposed Dues Allocation, FY 2014**

|   |            |
|---|------------|
| <ul style="list-style-type: none"><li>• Policy Committee Dues, Travel; state, regional, national and matching funds for specific planning projects if needed.</li></ul> | \$8,083.20 |
|---|------------|

ODOT provides the 10.27% local match to our major funding source, FHWA's MPO planning funds (PL). ODOT match for PL funds is anticipated to total \$13,195.51. MRMPO Policy Committee and TAC members' time spent at meetings is used as the 20% in-kind match for the FTA 5303 funds (total of \$15,248).

MRMPO 2015 - 2018 TIP 2016 - 2040 RTP  
Timeline

| TASKS   | SUBTASKS  | 2013 |     |     | 2014 |     |     |     |     |     |     |     |     |     |     |     | 2015 |     |     |     |     |     |     |     |     |     |     |     | 2016 |     |     |
|---|---|------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
|   |   | Oct  | Nov | Dec | Jan  | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan  | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan  | Feb | Mar |
| RTP / TIP Public Involvement                            | 1.1 - RTP Open House #1                               |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 1.2 - RTP Fact Sheets                                 |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 1.3 - Compile Elements, Chapters                      |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 1.4 - RTP Open House #2                               |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 1.5 - RTP Open House #3                               |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 1.6 - RTP Public Hearing                              |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
| Develop RTP Guiding Principles                          | 2.1 - Compile Goals/ Policies from TSPs               |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 2.2 - Tech Memo #1                                    |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 2.3 - Approved 16-40 Goals & Objectives               |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
| Develop RTP Tier 1 & 2 Project Lists and Financial Plan | 3.1 - Create Project Lists                            |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 3.2 - Update Project Lists                            |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 3.3 - Identify and Forecast Funding                   |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 3.4 - Match Funding to Lists                          |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 3.5 - Create Network Shapefiles                       |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 3.6 - Update Network Shapefiles                       |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 3.7 - Create RTP Chapter & Tables                     |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
| Travel Demand Model Review / Update                     | 4.1 - 2010 Base Year Preparation                      |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 4.2 - 2040 Future Land Use (pop/emp) and iterim years |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 4.3 - Future Roadway Networks                         |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 4.4 - School enrollement, special generators, etc.    |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 4.5 - Run model / validate                            |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 4.6 - Develop alternative land use scenarios          |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 4.7 - Run model, input data per AQCD                  |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
| TIP Development   | 5.1 - 2015-18 TIP Development                         |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
| Air Quality Conformity Determination                    | 6.1 - MOVES Modeling                                  |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 6.2 - Develop Consensus Plan for TIP AQCD             |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 6.3 - Develop Consensus Plan for RTP AQCD             |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 6.4 - Develop AQCD for TIP                            |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 6.5 - Develop AQCD for RTP                            |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |
|   | 6.6 - Interagency Consultations                       |      |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |