MESILLA VALLEY METROPOLITAN PLANNING ORGANIZATION
TECHNICAL ADVISORY COMMITTEE

AGENDA

The following is the agenda for the Mesilla Valley Metropolitan Planning Organization's (MPO) Technical Advisory Committee meeting to be held on February 2, 2017 at 4:00 p.m. in the Doña Ana County Government Building, 845 Motel Blvd., Las Cruces, New Mexico. Meeting packets are available on the Mesilla Valley MPO website.

The Mesilla Valley MPO does not discriminate on the basis of race, religion, sex, sexual orientation, gender identity, color, ancestry, serious medical condition, national origin, age, or disability in the provision of services. The Mesilla Valley MPO will make reasonable accommodation for a qualified individual who wishes to attend this public meeting. Please notify the Mesilla Valley MPO at least 48 hours before the meeting by calling 528-3043 (voice) or 1-800-659-8331 (TTY) if accommodation is necessary. This document can be made available in alternative formats by calling the same numbers list above. Este documento está disponible en español llamando al teléfono de la Organización de Planificación Metropolitana de Mesilla Valley: 528-3043 (Voz) o 1-800-659-8331 (TTY).

1. CALL TO ORDER __________________________________________ Chair
2. APPROVAL OF AGENDA __________________________________________ Chair
3. ELECTION OF OFFICERS __________________________________________ Chair
4. APPROVAL OF MINUTES __________________________________________ Chair
   4.1. December 1, 2016 __________________________________________
5. PUBLIC COMMENT __________________________________________ Chair
6. ACTION ITEMS __________________________________________
   6.1. Amendments to the 2016-2021 Transportation Improvement Program ______ MPO Staff
   6.2. Amendments to the 2017-2018 Unified Planning Work Program ________ MPO Staff
7. COMMITTEE and STAFF COMMENTS __________________________________________
   7.1. City of Las Cruces, Doña Ana County, Town of Mesilla, Las Cruces Public Schools,
       RoadRUNNER Transit, and SCRTD Project Updates ____________ Jurisdictional Staff
   7.2. NMDOT Projects Update _______________________________ NMDOT Staff
   7.3. MPO Staff Update______________________________________ MPO Staff
8. PUBLIC COMMENT __________________________________________ Chair
9. ADJOURNMENT__________________________________________ Chair
The following are minutes for the meeting of the Technical Advisory Committee of the Mesilla Valley Metropolitan Planning Organization (MPO) which was held December 1, 2016 at 4:00 p.m. in the City of Las Cruces Council Chambers, 700 N. Main, Las Cruces, New Mexico.

MEMBERS PRESENT:  
Mike Bartholomew (CLC Transit)  
Dave Wallace proxy for Bill Childress (BLM)  
Todd Gregory (LCPS)  
John Gwynne (DAC Flood Commission)  
Jolene Herrera (NMDOT)  
Dale Harrell (NMSU)  
Harold Love (NMDOT)  
Debbi Lujan (Town of Mesilla)  
Lily Sensiba (EBID)  
Larry Shannon (Town of Mesilla)  
Tony Trevino (CLC Public Works)

MEMBERS ABSENT:  
David Armijo (SCRTD)  
Stephen Howie (EBID)  
Soo Gyu Lee (CLC)  
Luis Marmolejo (DAC Planning)  
Daniel Sambrano - proxy for Rene Molina (DAC Eng.)

STAFF PRESENT:  
Tom Murphy (MPO Staff)  
Andrew Wray (MPO Staff)  
Michael McAdams (MPO Staff)  
Dominic Loya (MPO)

OTHERS PRESENT:  
Becky Baum, RC Creations, LLC, Recording Secretary

1. CALL TO ORDER (4:00 p.m.)

Gwynne:  Okay. It's 4:00 in the afternoon. Let's get this meeting started. This is the December 1st meeting of the Metropolitan Planning Organization Technical Advisory Committee. Can we start with the roll, start all the way far to my right and give us your name and who you're with please, thank you.

Harrell:  Dale Harrell, New Mexico State University. I'm the University Engineer.

Shannon:  Larry Shannon, Town of Mesilla.

Lujan:  Debbi Lujan, Town of Mesilla.
Molina: Rene Molina, Dona Ana County.

Love: Harold Love, New Mexico DOT.

Gregory: Todd Gregory, Las Cruces Public Schools.

Herrera: Jolene Herrera, NMDOT.

Bartholomew: Mike Bartholomew …

Sensiba: Lily Sensiba, EBID.

Bartholomew: Oops, I'm sorry I didn't, go ahead.

Sensiba: Lily Sensiba, EBID.

Bartholomew: Mike Bartholomew, City of Las Cruces RoadRUNNER Transit.

Gwynne: And I'm John Gwynne, Dona Ana County Flood Commission.

2. APPROVAL OF AGENDA

AGENDA APPROVED, PAGE 2, BEGIN LINE 42

3. APPROVAL OF MINUTES

3.1 November 3, 2016

Gwynne: Has everyone had a chance to look at the minutes from last month's meeting? Are there any questions, comments, changes to the minutes? I'll take a motion to approve the minutes as presented.

Love: So moved.

Bartholomew: Second.

Gwynne: All those in favor?

MOTION PASSES UNANIMOUSLY.

Gwynne: Any opposed? So moved. Okay. On to approval of agenda. Andrew is there anything that we need changed on the agenda or is it good to go?

Wray: Nope. No changes.
Gwynne: Okay. Accept a motion to approve the agenda.

Bartholomew: So moved.

Trevino: Second.

Gwynne: It’s been moved and seconded. All those in favor.

MOTION PASSES UNANIMOUSLY.


4. PUBLIC COMMENT

Gwynne: Let’s move on to public comment. Is there any public comment today? Seeing none.

5. ACTION ITEMS

5.1 Amendments to the 2016-2021 Transportation Improvement Program

Gwynne: Let’s move on to our first action item. Item number five, amendments to the 2016-2021 Transportation Improvement Plan.

ANDREW WRAY GAVE HIS PRESENTATION.

Gwynne: Are there any questions? Seeing none, I’ll take a motion to approve.

Bartholomew: I recommend we approve the amendment.

Love: Second.

Gwynne: It’s been motioned and seconded. All those in favor?

MOTION PASSES UNANIMOUSLY.

Gwynne: All those opposed? Seeing none, motion carries.

6. DISCUSSION ITEMS

6.1 CIP Project Update

Gwynne: Discussion item number six, CIP project update.

MICHAEL MCADAMS GAVE HIS PRESENTATION.
Bartholomew: I had a question on the Walton Boulevard …

McAdams: Right.

Bartholomew: Lohman to Griggs one, road diet. As you probably know at the MPO we moved a major bus stop area that serves the Wal-Mart area onto the Divot and I know that we’ve asked the City to look at getting a crosswalk …

McAdams: Right.

Bartholomew: Across there. Will this road diet help with that pedestrian crossing in that area?

McAdams: We think it will. We’ve had preliminary talks with some people in transportation about this as you know, and it will slow down the traffic I think by doing a road diet, and also with a refuge it means you’re going to only cross two lanes instead of the present about four lanes right now. It is possible, we’ve looked at it but I think, and again you have to look at it traffic engineering-wise and see if it’s really feasible. So I think that we’ll be talking about flashing lights and then a pedestrian refuge, perhaps a median, also a raised median at that point too. So yes we’re looking at that, I think will facilitate pedestrian crossing from Wal-Mart to the Divot bus stop.

Bartholomew: Thank you.

Trevino: When you said you discussed this with Sally, did you guys go over the future CIP projects for Public Works and how some of these can be coordinated with those?

McAdams: What we did, we talked to her about how we should do this and how should we look at cost etc. She recommended put it, like the magnitude, not exactly exact costs. For example, Roadrunner would be more expensive than say the Spruce road diet. We just looked at the process at this point. We’re looking for other input as the process goes through about what people think at Public Works or Transportation about the feasibility of these projects.

Trevino: Right because Spruce is a major drainage/conveyance channel.

McAdams: Right.

Trevino: So there’d be some drainage issues there and also for, you mentioned Espina for not enough right-of-way so maybe kind of coordinate it. When we do have a complete rehab we can accommodate some of that stuff.
McAdams: Yeah. Well, I think that that's where we're looking to from Public Works about is it enough right-of-way, could it be accommodated, there's some areas that it would not be if you put, like reduce the passing lane or the middle lane it could be. But it does have complications and we realized that when we submitted it, but this is a recommendation from the BPAC itself, which they were looking at another, I guess besides Solano, another route to do.

Trevino: Okay. Thank you.

Herrera: Mr. Chair. What exactly do you mean by a cycle track on University?

McAdams: These would be separate bike lanes, not a mixed-use type thing. I think there's several configurations we looked at when we looked at University, at that corridor and that's a very dangerous area for bicycles to cross. So really a lot of it's open to, we're looking at either like a buffer bike lane or perhaps one in the center too. It's open to discussion I think. That was a suggestion given to the BPAC because of the amount of people that come from University through that area and that's sort of a no man's land area, all right.

Herrera: Right. I remember being at the BPAC meeting but it just, it's kind of unclear I guess what that means to somebody looking at it that wasn't at the BPAC meeting.

McAdams: Right. Yeah, I think it's purposefully vague I think to a certain degree because I think if we want to look at, Public Works and DOT to look at this and say, "Is it feasible to do that?" and what kind of alternatives we can look at. I think if we look, we looked in a preliminary basis when we looked at the University corridor that we did for Mesilla and we looked at various alternatives. I think that we did it at only a cursory level but of course we have to have engineers to really look at if it's really feasible to do that. And that was recommended again from a BPAC Member as you remember, at the meeting saying it's very difficult to cross this area.

Herrera: Thank you.

Gwynne: Other questions, comments? I did want to mention something that rose to my level of interest is Spruce Avenue, doing a road diet on that particular street seems a little bit hard to do. I know that rush hour traffic there is very difficult. Sitting at the Triviz and Spruce light at 5:00, sometimes you'll sit through three lights, four lights ...

McAdams: Right.

Gwynne: With the existing conditions.
McAdams: I think they're, I think DOT is looking at an intersection improvement, correct, at Triviz and, okay, I've been told that intersection improvement at the end, at Triviz and Spruce is planned but maybe not so okay.

Herrera: We don't own …

McAdams: Okay.

Herrera: Either one of those roadways, so.

McAdams: It must be Public Works I guess is considering that.

Trevino: I believe Transportation was looking at different configurations for lanes …

McAdams: Right.

Trevino: On both sides of the highway to kind of reduce the …

McAdams: Okay.

Trevino: Congestion there.

McAdams: Okay. So I mean there, it had been looked at previously but there are some other problems involved at the Spruce. With any kind of road diet you look at first the ADT requirements as a cutoff and then you look at other things like driveways, access etc. to see if it's feasible, and right-of-way too as well. So I think this again is a scoping project and really for different, Public Works and other, and the TAC to also look as well if it's feasible. And I think that's where we're at to this point cause it's obviously, road diet is just not "Do you have the volume?" it's really a lot of other factors involved, so I agree with you. But the other things we're trying to, I guess as an MPO and other MPOs are considering is what level of congestion that cities are willing to tolerate, as well. Are we willing to look at a level of service D or F during peak hours, and our peak hours are generally very short-lived, only 15 to 20, 30 minutes.

Gwynne: Okay, thank you.

McAdams: That was a good question. Thank you.

Gwynne: Any other questions? Please continue.

McAdams: This is really sort of, just this, if you have any questions about this please contact any of us on the staff and we'd be willing to discuss it further at this point. And that's our presentation. We'll again give you updates as
the process goes through. This is a very lengthy process, and it should be. So as the process goes through we'll give you updates.

Gwynne: Very good. Thank you.

McAdams: Thank you.

Gwynne: We're going to move on to item number seven …

McAdams: Oh, we have a, can I, excuse me for a second. Mr. Wray would like to, okay.

7. COMMITTEE AND STAFF COMMENTS

7.1 NMDOT Projects Update

Gwynne: Okay. Let's move on to item number seven which is Committee and staff comments. Let's start off with NMDOT projects.

Herrera: Thank you Mr. Chair. Again this month I get to report that we don't have any projects under construction in the area. We did let the Spitz/Solano/Three Crosses project on November 18th so we're going through the paperwork on that. I don't know if Harold has any more information.

Love: No.

Herrera: Okay. So we're going through paperwork. Still, like I said last month, we're looking for construction starting probably spring of next year and we'll be doing monthly meetings to keep the public and everybody informed about what's happening as far as construction goes.

Our Valley Drive project is well underway. We're about 60% designed. I'm still working out some drainage things with the City of Las Cruces but we're looking for starting that project, construction barrels on the ground probably fall of this year or winter maybe. So it's still a ways out.

And that's really, well we're plugging along on the University interchange but that's a couple years away so we're still kind of in the very preliminary phases of getting the IACR approved through the Feds on that.

And that's all I had unless there were any questions.

Gwynne: Okay. Thank you. Are there any of the other jurisdictions that have any updates? Seeing none.

7.2 MPO Staff Projects Update
Wray: Yes. Stupid microphone. Thank you Mr. Chair. Staff is pleased to announce that we successfully submitted three of the four TAP applications that were generated by the, you guys, basically up to NMDOT earlier this month. The City of Las Cruces did withdraw their application before the deadline so we submitted the two Las Cruces Public Schools and the Town of Mesilla applications.

Gwynne: Very good. Anything else?

8. PUBLIC COMMENT


9. ADJOURNMENT (4:20 p.m.)

Gwynne: Are we going to set a record today? Okay. I'm up for adjournment.

Bartholomew: I move we adjourn.

Gregory: Second.

Gwynne: All those in favor?

MOTION PASSES UNANIMOUSLY.

Gwynne: Good enough. Thank you.
AGENDA ITEM:
6.1 2016-2021 Transportation Improvement Program Amendments

ACTION REQUESTED:
Review and recommendation for approval to the MPO Policy Committee

SUPPORT INFORMATION:
Email from Jolene Herrera, NMDOT
TIP Amendment Table

DISCUSSION:
On June 10, 2015, the MPO Policy Committee approved the 2016-2021 Transportation Improvement Program (TIP)

The following amendment(s) to the TIP have been requested:

<table>
<thead>
<tr>
<th>CN</th>
<th>FY</th>
<th>Agency</th>
<th>Project &amp; Termini</th>
<th>Scope</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC00160</td>
<td>2017</td>
<td>NMDOT</td>
<td>Valley Drive – Picacho to CLC Limits</td>
<td>Road Reconstruction and ADA Improvements</td>
<td>Adding $2,322,000 local funds for utilities</td>
</tr>
</tbody>
</table>

This amendment will not affect any other projects currently listed in the TIP.
Good morning,

Attached is the spreadsheet for the TIP Amendment listed on the BPAC packet, and also for inclusion in the TAC and PC agendas.

Please let me know if you have any questions.

Thanks,

Jolene Herrera
Urban & Regional Planner D1 & D2
O: (575) 525-7358
C: (575) 202-4698

Michael McAdams, Ph.D.
Transportation Planner Mesilla Valley Metropolitan Planning Organization/Community Development
Direct: 575-528-3047 Main: 575-528-3043, mmcadams@las-cruces.org
<table>
<thead>
<tr>
<th>CN</th>
<th>FY</th>
<th>Route</th>
<th>Termini</th>
<th>Scope</th>
<th>FY2017 Funds</th>
<th>FY2019 Funds</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC00110</td>
<td>2016/2017</td>
<td>El Camino Real Rd</td>
<td>At Intersection of Dona Ana School Road</td>
<td>Design &amp; Construction for Intersection Realignment</td>
<td>$517,265</td>
<td>$517,265</td>
<td>No change</td>
</tr>
<tr>
<td>LC00140</td>
<td>2017</td>
<td>US 70</td>
<td>MP 146.4 - 146.6, Intersection with 17th St</td>
<td>Install new Traffic Signal and Intersection Improvements</td>
<td>$800,000</td>
<td>$800,000</td>
<td>No change</td>
</tr>
<tr>
<td>LC00160</td>
<td>2017</td>
<td>NM 188 (Valley Drive)</td>
<td>MP 1 - 3, Picacho to Avenida De Mesilla.</td>
<td>Roadway Reconstruction. Includes Avenida De Mesilla from Valley to Hickory</td>
<td>$15,400,000</td>
<td>$19,122,000</td>
<td>$2,322,000 local funds from CLC added for utilities</td>
</tr>
<tr>
<td>LC00230</td>
<td>2020</td>
<td>Various</td>
<td>Various RR Crossings in CLC</td>
<td>Signal Upgrades at various RR crossings</td>
<td>$550,000</td>
<td>$550,000</td>
<td>No change</td>
</tr>
<tr>
<td>LC00250</td>
<td>2016/2018/2019</td>
<td>University Avenue &amp; Triviz</td>
<td>Interchange with I-25</td>
<td>Bridge Replacement &amp; Interchange Modifications</td>
<td>$26,200,000</td>
<td>$27,800,000</td>
<td>No change</td>
</tr>
<tr>
<td>LC00300</td>
<td>2018</td>
<td>US 70</td>
<td>Elks to Del Rey</td>
<td>Bridge &amp; Pavement Preservation, &amp; ADA Improvements</td>
<td>$0</td>
<td>$5,000,000</td>
<td>No change</td>
</tr>
</tbody>
</table>

**Total:** $58,151,265
AGENDA ITEM:
6.2 Proposed FY2017- FY2018 UPWP Amendment

ACTION REQUESTED:
Review and recommendation for approval to the MPO Policy Committee

SUPPORT INFORMATION:
Proposed Revision of FY2017-2018 UPWP

DISCUSSION:
On December 30, 2016, it was confirmed by the New Mexico Department of Transportation, Division of Rail and Public Transit that the Mesilla Valley MPO could use carry-over monies from FY2016 and use it for projects in FY2017. The amount of the carry is $66,910 (See Exhibit 5.2 A.) Staff proposes that this money be used to contribute additional money to assist in the City of Las Cruces Active Transportation Plan; and to purchase software to facilitate the tabulation of the data from the Automatic Passenger Counters installed on the buses of RoadRUNNER Transit.

In the FY2017-2018 UWP, this would consist of:
1. Adding an additional item “Purchase transit passenger counting” in the Main Products and Schedule by Month section in Task 3.1 Traffic Counting and Reporting;
2. Deleting the item “Sub-plan: Coordinated Human Services” in the Main Products and Schedule by Month section in Task 4.1 Metropolitan Transportation Plan
3. Add an additional item in Task 5 as follows:

5.5 Participation in City of Las Cruces Active Transportation Plan
Participate and contribute funds to the efforts of the City of Las Cruces Community Development Department, Long Range Planning and Revitalization Division to develop an Active Transportation Plan. Active transportation refers to a group of transportation modes which rely on human power such as bicycles and pedestrians. This Plan further builds on the goals of the MPO's MTP to encourage non-motorized transportation in order to assist in the reduction of air pollution, vehicular crashes and the creation of a more livable and healthier community.
Responsibilities: City of Las Cruces Community Development Department Long Range Planning and Revitalization Division, MPO staff, contracted consultant

Source of Funds: FHWA, FTA, Local Funds for Match

Main Products and Schedule by Month

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10 11 12 01 02 03 04 05 06 07 08 09</td>
<td>10 11 12 01 02 03 04 05 06 07 08 09</td>
</tr>
<tr>
<td>Selection of Consultant</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Data gathering assistance</td>
<td>x x x</td>
<td></td>
</tr>
<tr>
<td>Participation in stakeholders group</td>
<td>x x x x x</td>
<td>x x x</td>
</tr>
<tr>
<td>Review of draft Plan</td>
<td>x x x</td>
<td>x x x x x x x</td>
</tr>
<tr>
<td>Final Plan Completion</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>

Schedule is subject to change

4. Amending the budget in Appendix A-Budget Summary to reflect the additional funds as allocated to the General Development and Data Collection/Analysis and Special Studies, Plans, Projects, and Programs.
Mesilla Valley Metropolitan Planning Organization

Unified Planning Work Program

Federal Fiscal Years 2017 & 2018
(Oct. 1, 2016 through Sept. 30, 2018)

Approved June 8, 2016
Amendment 1 August 10, 2016
Proposed Amendment 2 February 8, 2017

Mesilla Valley Metropolitan Planning Organization
CITY OF LAS CRUCES
700 North Main, Las Cruces, New Mexico 88001-1120
(575) 528-3225-telephone  (575) 528-3155-fax  http://mesillavalleympo.org/
Mesilla Valley Metropolitan Planning Organization

Councillor Gill M. Sorg, City of Las Cruces-Chair of the Policy Committee
Commissioner Billy G. Garrett, Doña Ana County - Vice Chair of the Policy Committee
Trustee Sam Bernal, Town of Mesilla
Mayor Nora L. Barraza, Town of Mesilla
Commissioner Leticia Duarte-Benavidez, Doña Ana County
Trustee Linda Flores, Town of Mesilla
Councillor Olga Pedroza, City of Las Cruces
Commissioner Wayne D. Hancock, Doña Ana County
Councillor Jack Eakman, City of Las Cruces
Trent Doolittle, District Engineer, NMDOT

Contributing Staff:
Tom Murphy, MPO Officer
Andrew Wray, Transportation Planner
Michael McAdams, Transportation Planner
Dominic Loya, Planning Technician

Special Thanks for Providing Data or Comments:
MVMPO Technical Advisory Committee (TAC)
MVMPO Bicycle and Pedestrian Facilities Advisory Committee (BPAC)
Federal Highway Administration – New Mexico Division
Federal Transit Administration Region VI
South Central Regional Transit District (SCRTD)
NMDOT Transportation Planning and Safety Division
NMDOT Transit and Rail Division
NMDOT District 1

This report was funded in part through grants from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation. The views and opinions of the authors or agency expressed herein do not necessarily state or reflect those of the U. S. Department of Transportation.

Mesilla Valley Metropolitan Planning Organization and the City of Las Cruces fully complies with Title VI of the Civil Rights Act of 1964 and related statutes and regulations in all programs and activities. For more information or to obtain a Title VI Complaint Form, please contact the MVMPO Title VI Coordinator at (575) 528-3225-tel. (575) 528-3155-fax or email mpo@las-cruces.org or visit our website at http://mesillavalleympo.org/.
Table of Contents

I. INTRODUCTION
   A. MVMPO General Overview
   B. Transportation Planning
   C. Governance, Boards and Committees
   D. Unified Planning Work Program Requirements
   E. The UPWP Development Process and Opportunities for Public Input
   F. Funding Sources for Transportation Planning Activities
   G. Planning Factors Under Federal Law
   H. Planning Priorities for the Metropolitan Planning Area

II. WORK PROGRAM TASKS
    Task 1 - Program Support and Administration
        This consists of activities necessary for the administration, management, and operation of the MPO. This includes basic overhead, administrative costs, UPWP development, budget and financial management, annual and quarterly reports, general public participation, and public information.
        1.1 Program Management and Administration
        1.2 UPWP and Quarterly and Annual Reporting
        1.3 Public Participation Plan and Title VI Plan and Monitoring (includes Environmental Justice)
        1.4 Committee Meetings
        1.5 Website and Other Communications
        1.6 Staff Training and Professional Development
        1.7 Board Member Training
        1.8 State and Federal Coordination

    Task 2 - Transportation Improvement Program (TIP)
        This task covers the development, monitoring and management of the Transportation Improvement Program which implements transportation projects through federal, state and local funding programs.
        2.1 TIP Development
        2.2 TIP Management
        2.3 Annual Project Listing and Obligation Report

    Task 3 - General Development and Data Collection/Analysis
        This consists of general planning activities, data collection, socioeconomic projections, mapping services, orthophotography, travel demand/traffic forecasting, development review, and local assistance.
        3.1 Traffic Counting and Reporting
        3.2 Population and Land Use Data Collection
        3.3 Travel Demand Model Maintenance
        3.4 Software Upgrades
        3.5 Highway Functional Classification Review and Update
        3.6 GIS Data Development, Mapping and Database Management
        3.7 Development Review
3.8 Planning Consultation & Local Transportation Planning Assistance

**Task 4 - Transportation Planning**
This includes the development and monitoring of the long-range Metropolitan Transportation Plan (MTP), travel forecasting, coordinating with the state’s long-range transportation plan and other studies. It also includes corridor studies and other sub-area studies.

4.1 Metropolitan Transportation Plan (MTP)
4.2 Safety Analysis and Planning
4.3 Safe Routes to School
4.4 ITS - Intelligent Transportation Systems Planning
4.5 Land Use/Transportation Integration
4.6 Regional Transit District

**Task 5 - Special Studies and Miscellaneous Activities**
This task covers transportation planning activities that do not fall under the categories above.

5.1 Regional Leadership Consortium
5.2 Transportation Asset and Safety Management Plan/Performance Measure Implementation
5.3 Participatory Mapping
5.4 A-Mountain Study Area
5.5 Missouri Avenue Corridor Study Phase A
5.6 Participation in City of Las Cruces Active Transportation Plan

**APPENDICES**
Appendix A – Budget Summary by Task
Appendix B – Mesilla Valley Metropolitan Planning Area Map
Appendix C – Status of Findings from the 2012 Planning Process Review
Appendix D – UPWP Adoption Resolution
Appendix E – Traffic Count segments
## II. WORK PROGRAM TASKS

The MPO’s work program tasks are described in this section and are organized as shown below. Funding sources for all tasks are included in Appendix A.

<table>
<thead>
<tr>
<th>Task 1 - Program Support and Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1 Program Management and Administration</td>
</tr>
<tr>
<td>1.2 UPWP and Quarterly and Annual Reporting</td>
</tr>
<tr>
<td>1.3 Public Participation Plan and Title VI Plan and Monitoring (includes Environmental Justice)</td>
</tr>
<tr>
<td>1.4 Committee Meetings</td>
</tr>
<tr>
<td>1.5 Website and Other Communications</td>
</tr>
<tr>
<td>1.6 Staff Training and Professional Development</td>
</tr>
<tr>
<td>1.7 Board Member Training</td>
</tr>
<tr>
<td>1.8 State and Federal Coordination</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Task 2 - Transportation Improvement Program (TIP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1 TIP Development</td>
</tr>
<tr>
<td>2.2 TIP Management</td>
</tr>
<tr>
<td>2.3 Annual Project Listing and Obligation Report</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Task 3 - General Development and Data Collection/Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1 Traffic Counting and Reporting</td>
</tr>
<tr>
<td>3.2 Population and Land Use Data Collection</td>
</tr>
<tr>
<td>3.3 Travel Demand Model Maintenance</td>
</tr>
<tr>
<td>3.4 Software Upgrades</td>
</tr>
<tr>
<td>3.5 Highway Functional Classification Review and Update</td>
</tr>
<tr>
<td>3.6 GIS Data Development, Mapping and Database Management</td>
</tr>
<tr>
<td>3.7 Development Review</td>
</tr>
<tr>
<td>3.8 Planning Consultation &amp; Local Transportation Planning Assistance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Task 4 - Transportation Planning</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1 Metropolitan Transportation Plan (MTP)</td>
</tr>
<tr>
<td>4.2 Safety Analysis and Planning</td>
</tr>
<tr>
<td>4.3 Safe Routes to School</td>
</tr>
<tr>
<td>4.4 ITS - Intelligent Transportation Systems Planning</td>
</tr>
<tr>
<td>4.5 Land Use/Transportation Integration</td>
</tr>
<tr>
<td>4.6 Regional Transit District</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Task 5 - Special Studies, Plans, Projects and Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.1 Regional Leadership Consortium</td>
</tr>
<tr>
<td>5.2 Transportation Asset and Safety Management Plan/ Performance Measure Implementation</td>
</tr>
<tr>
<td>5.3 Participatory Mapping</td>
</tr>
<tr>
<td>5.4 A- Mountain Study Area</td>
</tr>
<tr>
<td>5.5 Missouri Avenue Corridor Study Phase A</td>
</tr>
<tr>
<td>5.6 Participation in City of Las Cruces Active Transportation Plan</td>
</tr>
</tbody>
</table>
Task 3 - General Development and Data Collection/Analysis

This consists of general planning activities, data collection, socioeconomic projections, mapping services, orthophotography, travel demand/traffic forecasting, development review, and local assistance.

3.1 Traffic Counting and Reporting

Collect and process traffic data for routine monitoring of the transportation network, report data to NMDOT and conduct special needs traffic counts as needed. Counts are collected on all major roads in the MVMPO region for a total of approximately 600 count locations. (See Appendix E for count locations and cycle) Each location is counted once every three years (approx. 200 counts/year) and all counts are reviewed to confirm they meet the Highway Performance Monitoring System standards of FHWA and the NMDOT.

Data collection is conducted system-wide as well as targeted locations and includes traffic counts, directional volume data, vehicle classification, bicycle counts, pedestrian counts, and intersection turning movements. Data is archived and logged into the traffic counts database and shared with local agencies for use in transportation planning activities. The Traffic Counts Program operates servers to receive traffic data from member agencies’ ITS networks (including NMDOT-ITS). All reports and analyses are made available to member agencies and the general public. Funds are managed each fiscal year to maintain a reserve of funding that allows for the timely replacement of the traffic counting vehicle (approx. every 5-6 years) and counter machines (approx every 10-15 years).

Special Notes: add as needed

Responsibilities: MPO staff and other agencies as necessary.

Source of Funds: FHWA, Local Funds for Match

Main Products and Schedule by Month

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Conduct Traffic Counts</td>
<td>X X X X X X X X X X X X X X X X</td>
<td>X X X X X X X X X X X X X X X X</td>
</tr>
<tr>
<td>Quarterly Transmittal</td>
<td>X X X X X X X X X X X X X X X X</td>
<td>X X X X X X X X X X X X X X</td>
</tr>
<tr>
<td>Annual Traffic Flow Map</td>
<td>X X X X X X X X X X X X X X X X</td>
<td>X X X X X X X X X X X X X X</td>
</tr>
<tr>
<td>Develop non-motorized reporting</td>
<td>X X X X X X X X X X X X X X X X</td>
<td>X X X X X X X X X X X X X X</td>
</tr>
<tr>
<td>Develop transit passenger reporting</td>
<td>X X X X X X X X X X X X X X X X</td>
<td>X X X X X X X X X X X X X X</td>
</tr>
<tr>
<td>Purchase transit passenger counting software (Amd. 2)</td>
<td>X X X X X X X X X X X X X X X X</td>
<td>X X X X X X X X X X X X X X</td>
</tr>
</tbody>
</table>
Task 4 - Transportation Planning

This includes the development and monitoring of the long-range Metropolitan Transportation Plan (MTP), travel forecasting, coordinating with the state’s long-range transportation plan and other studies. It also includes the Congestion Management Process (CMP), Intelligent Transportation Systems (ITS) planning, safety analyses, and other short to medium range planning activities.

4.1 Metropolitan Transportation Plan (MTP)

The Metropolitan Transportation Plan (MTP) forms the basis for all transportation planning and projects within the metropolitan planning area. The current MTP for the Mesilla Valley MPO is known as Transport 2040. The MTP covers all modes of transportation that may serve the current and future needs of the region. The plan conforms to federal regulations as set forth in 23 CFR 450. The MTP is updated every five years and may be amended, if necessary, as required.

Responsibilities: MPO staff serves as the lead. The development of the MTP is a cooperative effort by the MPO and its member agencies, NMDOT, and area transit agencies, with coordination and input from several other agencies such as: FHWA, FTA, "land use" planning agencies (i.e. municipal planning departments, US Bureau of Land Management, NMSU, local governments, and other agencies as necessary.

Source of Funds: FHWA, FTA, Local Funds for Match

Main Products and Schedule by Month

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub plan: Coordinated Human Services/Transportation Action Plan</td>
<td>10 11 12 01 02 03 04 05 06 07 08 09</td>
<td>10 11 12 01 02 03 04 05 06 07 08 09</td>
</tr>
<tr>
<td>Removed Amendment 2 February 2017</td>
<td>Amendments are processed as necessary.</td>
<td></td>
</tr>
</tbody>
</table>

Task 5 - Special Studies and Miscellaneous Activities

This task covers transportation planning activities that do not fall under the categories above.

5.6 Participation in City of Las Cruces Active Transportation Plan

Participate and contribute to the efforts of the City of Las Cruces Community Development Long Range Planning and Revitalization Departments Division to develop a Active Transportation Plan. Active transportation is the group of transportation modes which rely on human power such as bicycles and pedestrians. This Plan further refines the goals of the MPO’s MTP to encourage non-motorized transportation and reduce air pollution, vehicular crashes and create a more livable and healthier community.

Responsibilities: City of Las Cruces Community Development Department Long Range Planning and Revitalization Division, MPO staff, contracted consultant.
Source of Funds: FHWA, FTA, Local Funds for Match

Main Products and Schedule by Month

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10 11 12 01 02 03 04 05 06 07 08 09</td>
<td>10 11 12 01 02 03 04 05 06 07 08 09</td>
</tr>
<tr>
<td>Selection of Consultant</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Data gathering assistance</td>
<td>X X X</td>
<td></td>
</tr>
<tr>
<td>Participation in stakeholders group</td>
<td>X X X X X X X X X X X</td>
<td></td>
</tr>
<tr>
<td>Review of draft Plan</td>
<td>X X X</td>
<td></td>
</tr>
<tr>
<td>Final Plan Completion</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

Appendices
## Appendix A – Budget Summary - Financial Resources Available

### Fiscal Year 2017

<table>
<thead>
<tr>
<th></th>
<th>Program Support and Administration</th>
<th>Transportation Improvement Program</th>
<th>General Development and Data Collection/Analysis</th>
<th>Transportation Planning</th>
<th>Special Studies, Plans, Projects, and Programs</th>
<th>Subtotal</th>
<th>Program Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FUNDING SOURCE</strong></td>
<td>41.11.00</td>
<td>41.12.00</td>
<td>41.13.00</td>
<td>41.14.00</td>
<td>41.15.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FHWA 112 (85%)</td>
<td>$77,882.10</td>
<td>$25,960.70</td>
<td>$103,842.80</td>
<td>$38,941.05</td>
<td>$12,980.35</td>
<td>$259,607</td>
<td></td>
</tr>
<tr>
<td>SPR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>LOCAL (112) MATCH(15%)</td>
<td>$13,272.04</td>
<td>$4,424.01</td>
<td>$17,696.06</td>
<td>$6,636.02</td>
<td>$2,212.01</td>
<td>$44,240</td>
<td>$303,847</td>
</tr>
<tr>
<td>CLC</td>
<td>$8,268</td>
<td>$2,756</td>
<td>$11,025</td>
<td>$4,134</td>
<td>$1,378</td>
<td>$27,562</td>
<td></td>
</tr>
<tr>
<td>DAC</td>
<td>$4,818</td>
<td>$1,606</td>
<td>$6,424</td>
<td>$2,409</td>
<td>$803</td>
<td>$16,059</td>
<td></td>
</tr>
<tr>
<td>MESILLA</td>
<td>$186</td>
<td>$62</td>
<td>$248</td>
<td>$93</td>
<td>$31</td>
<td>$619</td>
<td></td>
</tr>
<tr>
<td>FTA GRANT 5303(80%)</td>
<td>$10,924.35</td>
<td>$3,641.45</td>
<td>$52,890.15</td>
<td>$25,490.15</td>
<td>$46,792.90</td>
<td>$138,742</td>
<td></td>
</tr>
<tr>
<td>CLC (5303) MATCH(20%)</td>
<td>$5,202.83</td>
<td>$1,734.28</td>
<td>$12,139.93</td>
<td>$3,468.55</td>
<td>$34,686</td>
<td>$173,428</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>$107,281</td>
<td>$35,760</td>
<td>$186,569</td>
<td>$83,207</td>
<td>$65,454</td>
<td>$477,275</td>
<td></td>
</tr>
<tr>
<td>(PERCENT OF 112)</td>
<td>30%</td>
<td>10%</td>
<td>40%</td>
<td>15%</td>
<td>5%</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>(PERCENT OF 5303)</td>
<td>15%</td>
<td>5%</td>
<td>35%</td>
<td>35%</td>
<td>10%</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>PERCENT TOTAL</td>
<td>28%</td>
<td>9%</td>
<td>39%</td>
<td>18%</td>
<td>6%</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

### Fiscal Year 2018

<table>
<thead>
<tr>
<th></th>
<th>Program Support and Administration</th>
<th>Transportation Improvement Program</th>
<th>General Development and Data Collection/Analysis</th>
<th>Transportation Planning</th>
<th>Special Studies, Plans, Projects, and Programs</th>
<th>Subtotal</th>
<th>Program Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FUNDING SOURCE</strong></td>
<td>41.11.00</td>
<td>41.12.00</td>
<td>41.13.00</td>
<td>41.14.00</td>
<td>41.15.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FHWA 112 (85%)</td>
<td>$79,080.00</td>
<td>$26,360.00</td>
<td>$105,440.00</td>
<td>$39,540.00</td>
<td>$13,180.00</td>
<td>$263,600</td>
<td></td>
</tr>
<tr>
<td>SPR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$225,000</td>
</tr>
<tr>
<td>LOCAL (112) MATCH(15%)</td>
<td>$24,978.99</td>
<td>$8,326.33</td>
<td>$33,305.32</td>
<td>$12,489.49</td>
<td>$4,163.16</td>
<td>$83,263</td>
<td>$571,863</td>
</tr>
<tr>
<td>CLC</td>
<td>$15,562</td>
<td>$5,187</td>
<td>$20,749</td>
<td>$7,781</td>
<td>$2,594</td>
<td>$51,873</td>
<td></td>
</tr>
<tr>
<td>DAC</td>
<td>$9,067</td>
<td>$3,022</td>
<td>$12,090</td>
<td>$4,534</td>
<td>$1,511</td>
<td>$30,225</td>
<td></td>
</tr>
<tr>
<td>MESILLA</td>
<td>$350</td>
<td>$117</td>
<td>$466</td>
<td>$175</td>
<td>$58</td>
<td>$1,166</td>
<td></td>
</tr>
<tr>
<td>FTA GRANT 5303(80%)</td>
<td>$8,547.60</td>
<td>$2,849.20</td>
<td>$19,944.40</td>
<td>$19,944.40</td>
<td>$5,698.40</td>
<td>$56,984</td>
<td></td>
</tr>
<tr>
<td>CLC (5303) MATCH(20%)</td>
<td>$2,136.90</td>
<td>$712.30</td>
<td>$4,986.10</td>
<td>$4,986.10</td>
<td>$1,424.60</td>
<td>$71,230</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>$114,743</td>
<td>$38,248</td>
<td>$163,676</td>
<td>$76,960</td>
<td>$249,466</td>
<td>$643,093</td>
<td></td>
</tr>
<tr>
<td>(PERCENT OF 112)</td>
<td>30%</td>
<td>10%</td>
<td>40%</td>
<td>15%</td>
<td>5%</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>(PERCENT OF 5303)</td>
<td>15%</td>
<td>5%</td>
<td>35%</td>
<td>35%</td>
<td>10%</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>PERCENT TOTAL</td>
<td>28%</td>
<td>9%</td>
<td>39%</td>
<td>18%</td>
<td>6%</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>
## Budget Summary - Proposed Expenditures

<table>
<thead>
<tr>
<th>Task Number</th>
<th>Program</th>
<th>Budgeted PL Funds</th>
<th>Requested SPR</th>
<th>Budgeted FTA 5303 Funds</th>
<th>Total Budgeted</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Program Support and Administration</td>
<td>$91,154</td>
<td>$104,059</td>
<td>$16,127</td>
<td>$222,025</td>
</tr>
<tr>
<td>2</td>
<td>Transportation Improvement Program</td>
<td>$30,385</td>
<td>$34,686</td>
<td>$5,376</td>
<td>$74,008</td>
</tr>
<tr>
<td>3</td>
<td>General Development and Data Collection/Analysis</td>
<td>$121,539</td>
<td>$138,745</td>
<td>$65,030</td>
<td>$350,245</td>
</tr>
<tr>
<td>4</td>
<td>Transportation Planning</td>
<td>$45,577</td>
<td>$52,029.49</td>
<td>$37,630</td>
<td>$160,167</td>
</tr>
<tr>
<td>5</td>
<td>Special Studies, Plans, Projects, and Programs</td>
<td>$15,192</td>
<td>$242,343.16</td>
<td>$25,000.00</td>
<td>$564,920</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>$303,847</td>
<td>$571,863</td>
<td>$25,000</td>
<td>$1,371,364.94</td>
</tr>
</tbody>
</table>
Exhibit 5.2 A

From: Eppler, Marsha, NMDOT [mailto:Marsha.Eppler@state.nm.us]
Sent: Friday, December 30, 2016 2:55 PM
To: Tom Murphy <tmurphy@las-cruces.org>
Subject: RE: FY16 carryover for MVMPO

Tom,

$66,910 is the federal amount. The local amount is $16,727.

Hope this helps.

Marcy

From: Tom Murphy [mailto:tmurphy@las-cruces.org]
Sent: Friday, December 30, 2016 2:44 PM
To: Eppler, Marsha, NMDOT
Subject: RE: FY16 carryover for MVMPO

Thanks Marcy. Also, that is the federal amount?

From: Eppler, Marsha, NMDOT [mailto:Marsha.Eppler@state.nm.us]
Sent: Friday, December 30, 2016 2:11 PM
To: Tom Murphy <tmurphy@las-cruces.org>
Subject: RE: FY16 carryover for MVMPO

Happy New Year, Tom,

The Mesilla Valley MPO has a carryover of $66,910.19 from FY 16.

Please let me know if you have any questions.
Marcy
505-995-7864

From: Tom Murphy [mailto:tmurphy@las-cruces.org]
Sent: Thursday, December 29, 2016 4:34 PM
To: Eppler, Marsha, NMDOT
Subject: FY16 carryover for MVMPO

Marcy,

Could you send me verification of the amount of our FY16 carryover so that I may process the UPWP amendment? Thanks.

Tom Murphy AICP CTP
MPO Officer/Mesilla Valley Metropolitan Planning Organization/Community Development
Direct: 575-528-3225 Main: 575-528-3043, tmurphy@las-cruces.org
AGENDA ITEM:
7.1 City of Las Cruces, Doña Ana County, Town of Mesilla, Las Cruces Public Schools, RoadRUNNER Transit, and South Central Regional Transit District (SCRTD) Project Updates. Updates have been requested from the entities. The responses from the entities are included below.

ACTION REQUESTED:
Updates from the Jurisdictions regarding current projects

Las Cruces Public Schools SRTS Update:
The Safe Routes to School program is going strong. Our 2016-2018 funding cycle issues were taken care of in November, and we are using the funds as planned. DOH funded SRTS Champions and the NMDOT funded SRTS Coordinator are conducting walking school buses and bike trains weekly at 19 schools, and monthly at 1. We are educating third grade students during their PE time about pedestrian and bike safety, during a 3-4 part curriculum. We’ve either completed or in the process with 13 elementary schools. We taught Roadrunner bus drivers about driving safely around bicyclists and pedestrians during 3 training sessions on January 12th. This was in partnership with Tammy Schurr and Maurice Williams of the NMDOT’s Look For Me campaign. We are currently working on our Family Bike Fiesta event which will take place on April 22nd from 9am-noon at Young Park. We are partnering this year with Junior League's KidFit event as well as Walk MS.
MESILLA VALLEY METROPOLITAN PLANNING ORGANIZATION
TECHNICAL ADVISORY COMMITTEE
DISCUSSION FORM FOR THE MEETING OF February 2, 2017

AGENDA ITEM:
7.2 NMDOT Projects Update. Updates were requested from NMDOT Staff. The responses from NMDOT have been included below.

ACTION REQUESTED:
Update from NMDOT regarding current projects