



# A G E N D A

## **Farmington Metropolitan Planning Organization Technical Committee Meeting**

**Council Chambers  
Bloomfield City Hall  
915 N First St.  
Bloomfield, NM**

**March 26, 2009  
10:00 a.m.**

**AGENDA**  
**FARMINGTON METROPOLITAN PLANNING ORGANIZATION**  
**TECHNICAL COMMITTEE MEETING**  
**March 26, 2009      10:00 A.M.**

This meeting will be held in the Council Chambers, Bloomfield City Hall, and 915 N. First St., Bloomfield, New Mexico.

<u>ITEM</u>	<u>PAGE</u>
1. Call meeting to order	
2. Approve the minutes from the February 26, 2009 Technical Committee meeting.	1
3. Approve the minutes from the March 9, 2009 Technical Committee Work Session.	10
4. Receive a presentation on Bottlenecks Reduction Program presentation ( <i>Rob Fijol - FHWA</i> ).	14
5. Recommend approval of the FY2009 UPWP budget amendment.	16
6. FY2010-2015 Transportation Improvement Program (TIP) a. Hold public hearing on the FY2010-2015 TIP. b. Recommend approval of the TIP.	18
7. Recommend approval of the FY2010 Unified Planning Work Program (UPWP).	19
8. Receive a status report on the Metropolitan Transportation Plan (MTP) update.	20
9. Receive a report on Red Apple Transit.	21
10. Receive a report from NMDOT. a. District 5 b. Planning Division	
11. Information Items a. NMED Air Quality Recommendation b. MPO Quarterly Meeting c. Safe Routes to School Program Update d. Other	23
12. Business from: a. Chairman b. Members c. Staff	
13. Business from the floor	
14. Adjournment	

**ATTENTION PERSONS WITH DISABILITIES:** If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing or meeting, please contact the MPO Officer at the Farmington Community Development Office, 805 Municipal, Farmington, New Mexico, at least one week prior to the meeting or as soon as possible. Public documents, including the agenda and minutes, can be provided in various accessible formats. Please contact the MPO Officer at the Farmington Community Development office if a summary or other type of accessible format is needed.

**MINUTES**  
**FARMINGTON METROPOLITAN PLANNING ORGANIZATION**  
**TECHNICAL COMMITTEE MEETING**  
**FEBRUARY 26, 2009 10:00 a.m.**

Members Present: Julie Baird, City of Bloomfield  
Steve Christensen, City of Aztec  
Cindy Lopez, City of Farmington

Members Absent: David Keck, San Juan County  
Nica J. Westerling, City of Farmington

Staff Present: Michael D. Sullivan, MPO Officer  
Joe Delmagori, MPO Planner  
Martin Lucero, MPO Associate Planner  
Dee Dee Moore, MPO Admin Aide

Staff Absent: None

Also Present: Dr. James Henderson, San Juan County  
Kim Carpenter, San Juan County  
Dave Martinez, NMDOT  
Dr. Bob Widoe, NMDOT  
Roshana Moojen, NWNMCOG  
Rita Bates, NM Air Quality Bureau  
Mark Jones, NM Air Quality Bureau  
Mike Arnold, Citizen  
Ed Cooper, Citizen  
Lori Meszaros, Citizen  
Anne Coupland, Citizen

**1. CALL TO ORDER**

Vice-Chair Ms. Baird called the meeting to order at 10:17 a.m.

**2. APPROVE THE MINUTES FROM THE JANUARY 29, 2009 TECHNICAL COMMITTEE MEETING**

Motion was made by Mr. Christensen and seconded by Ms. Lopez to approve the minutes of the January 29, 2009 Farmington Metropolitan Planning Organization Technical Committee Meeting. The motion passed unanimously.

3. RECEIVE A PRESENTATION ON AIR QUALITY AND OZONE STANDARDS FROM THE NEW MEXICO AIR QUALITY BUREAU.

FARMINGTON METROPOLITAN PLANNING ORGANIZATION  
Agenda Item

<b>Subject:</b>	Air Quality Presentation
<b>Prepared by:</b>	Joe Delmagori, MPO Planner
<b>Date:</b>	February 17, 2009

**BACKGROUND**

- On March 12, 2008 the EPA revised the ozone standard from 0.084ppm to 0.075ppm.
- The station near Navajo Lake has a three year average reading of 0.077ppm which puts the station in non-compliance.
- The San Juan substation has a three year average reading of 0.071ppm; the Bloomfield station has a three year average reading of 0.065ppm.
- If the county is designated non-attainment, new measures will go into effect:
  - Stricter air quality requirements for industries
  - Offsets
  - Requirements for reducing transportation emissions
  - Implementing a plan that outlines how the county will get back into attainment

**TIMELINE**

- New Mexico must designate recommended attainment/non-attainment areas by March 12, 2009.
- EPA will make final designations by March 12, 2010.
- For areas in non-attainment, they must prepare non-attainment plans by March 12, 2013.

**PRESENTATION**

- The New Mexico Environmental Department will present an overview of the new ozone standards and discuss the data from the local monitoring stations.
- A question and answer session will follow the presentation.

**RECOMMENDATION**

- It is recommended that the Technical Committee receive a presentation on air quality and ozone standards from the NMED Air Quality Bureau.

**Discussion:** A PowerPoint presentation was presented by Air Quality representatives Rita Bates and Mark Jones. Ms. Bates started the presentation with facts regarding the EPA's role in the monitoring station readings and the components of such readings. She explained the drop in the ozone standard from 0.084ppm to 0.075ppm, which puts the Navajo Lake station in non-attainment. Its reading is 0.077ppm.

Extensive discussion from committee members and public attendees of the meeting was held encompassing all aspects of the findings leading up to non-attainment, including EPA's role in the placement of the monitors, transportation's part in the formula, how ozone is formed and the locations of well heads and sites.

Mr. Jones continued the presentation with the next steps needed to move forward towards attainment. On March 12, 2009 the state designated team will make their recommendation to the EPA. The final designation will be in March 2010, and then the plan will need to be completed by March 2013. An attainment date will depend on the severity of non-attainment, and could be anywhere from 2013 to 2030. The area of non-attainment will include all of San Juan County and the western portion of Rio Arriba County from the Continental Divide, a natural geographically feature, west to the San Juan County line. EPA will make a designation of the part of the county within the Navajo Nation.

Ms. Bates explained that the MPO will be a partner in the development of a conformity plan. Any type of emissions modeling for transportation will become a responsibility of the MPO. Conformity involves evaluating new projects to ensure that they will not worsen the air quality. Dr. Widoe mentioned that funding programs like CMAQ funds are available to assist with conformity.

Ms. Bates and Mr. Jones concluded the presentation by discussing the implementation timeline. Comments on the draft non-attainment designation area report issued by NMED will be received until March 4. NMED will hold a public meeting in April to discuss the designation areas and another one in June to discuss the emissions modeling. A public comment period will be held in November in preparation for the final designation made by EPA in March 2010.

Dr. Henderson mentioned the importance of the local governments working together with the environmental department to address air quality. Ms. Lopez stated that we should be looking to achieve a lower ozone standard because it is likely that EPA will continue to lower the national standard in years to come.

Vice-Chair Baird thanked the Air Quality Bureau representatives for their time and their presentation.

**Action:** Mr. Delmagori will forward any names he receives to Mr. Jones to be placed on his email list. This list is used to inform the public about current happenings regarding Air Quality and also any public meetings that may be scheduled. The presentation was received.

4. RECEIVE A STATUS REPORT ON THE METROPOLITAN TRANSPORTATION PLAN (MTP) UPDATE.

FARMINGTON METROPOLITAN PLANNING ORGANIZATION  
Agenda Item

<b>Subject</b>	Metropolitan Transportation Plan (MTP) Update
<b>Prepared By:</b>	Joe Delmagori, MPO Planner
<b>Date:</b>	February 18, 2009

**BACKGROUND & PREVIOUS WORK**

- A schedule and timeline have been developed to outline MTP activities and gauge estimated time needed to complete the activities.
- Staff has developed a future road network map that identifies potential future road improvements and proposed road classification changes.
- Staff held a public meeting on November 12, 2008 to kick-off the update to the MTP.

**CURRENT WORK**

- Staff continues to work with the entities to gather land use data, which will assist with developing base and forecasts for population and employment.
- Staff held public meetings on February 18, 19, and 23 to seek public input on the road network map, on transit expansion, and goals/objectives for the MPO.
- Staff is finalizing transportation surveys for mass distribution.

**BACKUP MATERIAL**

- The current MTP Goals and Objectives.

**ANTICIPATED WORK**

- Land Use data projections and evaluations.
- Transit needs assessment.
- MTP survey analysis.
- Analysis of identified road alternatives.
- Freight analysis.

**CURRENT WORK**

- It is recommended that the Technical Committee receive a status report on the Metropolitan Transportation Plan (MTP) Update.

**Discussion:** Mr. Delmagori shared that three public meetings took place over the last 10 days. He handed out a summary of the comments that were made. Concerning road infrastructure and concerns, people pointed out areas of existing congestion, and liked the Piñon Hills extension project. On the transit side, regional routes to and from Farmington, connections between Aztec and Bloomfield and additional mid-morning or mid afternoon routes in Aztec and Bloomfield were the primary comments made. Mr. Lucero spoke about population density. The 2000 Census data was used for a base line map. Using GIS and address points, a 2008 population map for the MPO

was also completed. The current MPO population is approximately 110,000. Dr. Wideo questioned whether or not the MPO Boundary would need to be revisited. Mr. Lucero stated that it would but not as part of this project. Mr. Delmagori suggested timing it with the 2012 Census. Dr. Wideo shared that the MPO needed to be careful of any linear projects, and also that no one knows the impacts of the economic situation will be. Mr. Lucero confirmed that the 2008 numbers were not a linear projection and that future projections would not be a linear correlation.

**Action:** The report was received.

**5. FY2010-2015 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**FARMINGTON METROPOLITAN PLANNING ORGANIZATION  
Agenda Item**

<b>Subject:</b>	FY2010-2015 Transportation Improvement Program (TIP)
<b>Prepared by:</b>	Joe Delmagori, MPO Planner
<b>Date:</b>	February 18, 2009

**BACKGROUND**

- The TIP is a short-term program of projects expected to be completed in the next six years.
- The MPO updates the TIP on an annual basis.
- The TIP update process includes revising existing project information, adding new projects, and developing a TIP financial plan.

**CURRENT WORK**

- Staff held meetings with the entities to review current project information.
- A draft TIP will be provided during the Technical committee meeting for review.

**TIP SCHEDULE**

<b>MONTH</b>	<b>ACTION</b>
December 2008-January 2009	Call for Projects was made & Project Identification Forms were issued
January - March 2009	Reviewed project information with the entities; developed TIP Introduction and TIP financial plan
Early March - early April 2009	30-day Public Comment period is advertised and opened
March 26, 2009	Technical Committee holds public hearing on and recommends adoption of TIP
April 9, 2009	Policy Committee adopts the FY2010-2015 TIP

**RECOMMENDATION**

- It is recommended that the Technical Committee:
  - Review the draft TIP project list.
  - Approve publication of the draft FY2010-2015 TIP for the 30-day public comment period.

**Discussion:** Mr. Delmagori informed the committee that a Public Comment period will be in effect from March 1, 2009 to April 3, 2009. Staff has finished updating project information based on TIP meetings held individually with the members. Also, the recently awarded Safety projects, the recommendations for the stimulus package, and the SRTS funding award have all been added to the revised TIP. Currently the TIP is on scheduled for recommendation for approval at the April 9, 2009 Policy Committee meeting.

**Action:** Mr. Christensen made a motion to approve publication of the draft TIP. Ms. Lopez seconded the motion. Motion passed unanimously.

**6. REVIEW THE DRAFT FY2010 UNIFIED PLANNING WORK PROGRAM (UPWP)**

**FARMINGTON METROPOLITAN PLANNING ORGANIZATION  
Agenda Item**

<b>Subject:</b>	FY2010 Unified Planning Work Program (UPWP)
<b>Prepared by:</b>	Martin Lucero, MPO Associate Planner
<b>Date:</b>	February 18, 2009

**BACKGROUND**

- The Unified Planning Work Program (UPWP) is the fiscal year work plan for the MPO.
- The FY2010 UPWP is anticipated to be adopted on April 9, 2008 by the Policy Committee.
- The most important project in FY2010 will be the update to the Metropolitan Transportation Plan.

**CURRENT WORK**

- Staff has developed a list of activities that are expected to be included in the FY2010 UPWP.
- Staff will review and modify the list with the Technical Committee on February 26.

**ATTACHMENTS**

- Draft FY2010 UPWP activity list by program area.

UPWP SCHEDULE	
MONTH	ACTION
January-February 2009	Issue the Call for Projects
February - March 2009	Develop UPWP program areas
March 26, 2009	Technical Committee recommends approval of UPWP
April 9, 2009	Policy Committee approves the FY2009 UPWP

RECOMMENDATION
<ul style="list-style-type: none"> <li>It is recommended that the Technical Committee review the draft activity list for the FY2010 UPWP and suggest revisions/additions/deletions to the UPWP.</li> </ul>

**Discussion:** The members agreed that, in the interest of time, the draft UPWP be discussed during a Work Session.

**Action:** Mr. Christensen made a motion to table this item and have a separate Work Session for the UPWP. Motion was seconded by Ms. Lopez, and carried unanimously. Mr. Delmagori will schedule and inform members of the UPWP Work Session.

**7. RECEIVE A REPORT ON RED APPLE TRANSIT.**

**FARMINGTON METROPOLITAN PLANNING ORGANIZATION  
Agenda Item**

<b>Subject:</b>	Red Apple Transit Update
<b>Prepared by:</b>	Martin Lucero, MPO Associate Planner
<b>Date:</b>	February 18, 2009

RED APPLE UPDATE
<ul style="list-style-type: none"> <li>Overall ridership reached nearly 10,000 passengers in January.</li> <li>Farmington saw a 7% increase in ridership over previous month.</li> <li>Aztec, Bloomfield, and Kirtland all saw increases in ridership over previous months, with 18%, 12%, and 16% respectfully.</li> <li>Aztec, Bloomfield, and Kirtland had increases over the same period last year with 38%, 67%, and 31% respectfully.</li> <li>Farmington saw a 20% increase over this time last year.</li> <li>The ridership report is attached.</li> </ul>

RECOMMENDATION
<ul style="list-style-type: none"> <li>It is recommended that the Technical Committee receive a report on Red Apple Transit.</li> </ul>

**Discussion:** Mr. Lucero started the report with ridership numbers all showing increases. He informed the committee that surveys are being distributed to encourage public involvement. Mr. Lucero also shared that the Red Apple is starting to increase their fleet, therefore enabling higher capacity of ridership without increasing routes or stops.

**Action:** The report was received.

**8. RECEIVE A REPORT FROM NMDOT.**

**Discussion:** Mr. Martinez provided an update on the Stimulus Package. The District 5 recommendations for the MPO are still intact: \$900,000 for Maple Street in Bloomfield, \$1.1 million for Wildflower Parkway, and \$2 million for the East Arterial Project in Aztec. Mr. Martinez spoke of a tier system that he has been asked to assign to projects that could be included in the stimulus package. Tier 1 would be projects that are ready now, Tier 2 would be projects ready in 3-6 months, and Tier 3 would be projects ready in a year. Dr. Wideo shared that under FHWA regulations no monies will be reimburse for any work performed prior to having a signed and approved contract. Mr. Martinez informed the committee that the NMDOT is starting to revise its Access Management document and that some changes may work for our own AMP.

Dr. Wideo stated that the contract template for these projects has been developed and is ready to go. By Mid-April all certification and proof of readiness will need to be to NMDOT. Ms. Lopez asked if there is a completion timeframe. Dr Wideo stated that it was 3 years. Mr. Martinez added that reimbursement must be started during the first year.

**9. INFORMATION ITEMS.**

**FARMINGTON METROPOLITAN PLANNING ORGANIZATION  
Agenda Item**

<b>Subject:</b>	Information Items
<b>Prepared by:</b>	Martin Lucero, MPO Associate Planner
<b>Date:</b>	February 18, 2009

**INFORMATION ITEMS**

- a. **2008 Traffic Count Program.** Traffic Data Services (TDS) has corrected the file formats errors in the 2008 traffic count data. The final counts were sent to NMDOT for validation. The count data will be made available on the MPO website once the information has been accepted by the NMDOT.
- b. **FMPO Access Management Plan.** The access management plan was adopted by the Policy Committee on January 8, 2009. The City of Farmington adopted

the plan on February 10. San Juan County and the City of Aztec adopted the plan on February 17. The City of Bloomfield is expected to adopt the plan on February 23. The adopted access management plan is available on the MPO website at: <http://www.farmingtonmpo.org/documents.html>.

- c. **Local Safety Projects.** From the prioritized list the MPO entities received full funding for:
  - i. Geometric improvements and signalization of the CR 350/ CR 3720 intersection in San Juan County
  - ii. Geometric design, ROW acquisition, sight distance improvements, and sidewalks at the NM 516/ Lt Plant Road intersection in Aztec
  - iii. Rebuild and replace the traffic signal at Apache/West Main in Farmington.
- d. **FY2009 UPWP 2nd Quarter Report.** The 2nd Quarter report summarizes MPO activities between October and December 2008. It is available on the MPO website.
- e. **Quarterly Newsletter.** The current newsletter is available on the MPO website.

**Discussion:** Mr. Delmagori informed the committee that 79 traffic counts were approved by NMDOT and the MPO for this past year, the Access Management Plan was adopted by all four entities during February 2009, and 3 of the 4 Safety Projects that were submitted by the MPO were approved. Mr. Delmagori also shared that the Safe Routes to School - Phase 1 Funding was approved. This grant is for Education activities and provides \$15,000.

#### 10. BUSINESS FROM THE CHAIRMAN, MEMBERS AND STAFF.

**Discussion:** Mr. Christensen shared that the City of Aztec is back to work on the pedestrian bridge and is moving along as scheduled.

#### 11. BUSINESS FROM THE FLOOR.

**Discussion:** There was no business from the floor.

#### 12. ADJOURNMENT

Motion to adjourn was made by Mr. Christensen and seconded by Ms. Lopez. The motion passed unanimously. Meeting was adjourned at 12:19 p.m.

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Julie Baird, Vice-Chair

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Dee Dee Moore, MPO Admin Aide

**MINUTES**  
**FARMINGTON METROPOLITAN PLANNING ORGANIZATION**  
**WORK SESSION - TECHNICAL COMMITTEE MEETING**  
**MARCH 9, 2009 1:30 p.m.**

Members Present: David Keck, San Juan County  
Julie Baird, City of Bloomfield  
Steve Christensen, City of Aztec  
Cindy Lopez, City of Farmington

Members Absent: Nica J. Westerling, City of Farmington

Staff Present: Michael D. Sullivan, MPO Officer  
Joe Delmagori, MPO Planner  
Martin Lucero, MPO Associate Planner  
Dee Dee Moore, MPO Admin Aide

Staff Absent: None

Also Present: David Martinez, NMDOT

**1. CALL TO ORDER**

Chairman Keck called the Work Session meeting to order at 1:35 p.m.

**2. REVIEW THE DRAFT FY2010 UNIFIED PLANNING WORK PROGRAM (UPWP)**

**FARMINGTON METROPOLITAN PLANNING ORGANIZATION**  
**Agenda Item**

<b>Subject:</b>	FY2010 Unified Planning Work Program (UPWP)
<b>Prepared by:</b>	Joe Delmagori, MPO Planner
<b>Date:</b>	March 3, 2009

<b>BACKGROUND</b>
<ul style="list-style-type: none"> <li>▪ The Unified Planning Work Program (UPWP) is the fiscal year work plan for the MPO.</li> <li>▪ The FY2010 UPWP is anticipated to be approved on April 9, 2009 by the Policy Committee.</li> <li>▪ The most important project in FY2010 will be the update to the Metropolitan Transportation Plan.</li> </ul>

<b>CURRENT WORK</b>
<ul style="list-style-type: none"> <li>▪ Staff has developed a list of activities that are expected to be included in the FY2010 UPWP.</li> <li>▪ The Technical Committee recommended a Work Session to discuss and review the planning activities shown in the draft UPWP.</li> </ul>

<b>ATTACHMENTS</b>
<ul style="list-style-type: none"> <li>▪ Draft FY2010 UPWP activity list by program area.</li> </ul>

<b>UPWP SCHEDULE</b>	
<b>MONTH</b>	<b>ACTION</b>
January-February 2009	Issued the Call for Projects
February - March 2009	Develop UPWP program areas
March 26, 2009	Technical Committee recommends approval of UPWP
April 9, 2009	Policy Committee approves the FY2010 UPWP

<b>RECOMMENDATION</b>
<ul style="list-style-type: none"> <li>▪ It is recommended that the Technical Committee review the draft FY2010 UPWP and suggest revisions/additions/deletions to the UPWP.</li> </ul>

**Discussion:** Mr. Delmagori outlined the UPWP plan. When discussing the Public Involvement category of the Program Support/Administration Section, Mr. Christensen shared that Mr. Delmagori spoke at his Kiwanis Club meeting and provided a 15 minute informative presentation on the MPO and its Goals & Objectives. Mr. Keck stated that Dr. Henderson presented to him the idea of a mailing list of VIP's, business owners and other interested parties that would receive a special invitation to attend the Technical Committee and Policy Committee meetings. Mr. Delmagori concurred that the idea was sound and would start by arranging to incorporate existing lists from entities, planners and the Chamber of Commerce. Ms. Lopez added that perhaps the invitations should be for special interest topic meetings and not all meetings. Mr. Delmagori concluded by identifying the estimated costs and staff hours for this section.

Mr. Delmagori continued with the next section of the UPWP, General Development and Comprehensive Planning, where the current MTP Update is found. Due to the various elements of the MTP, staff has divided the MTP Update into several subsections. Regarding the section on Bicycle/Pedestrian activities, Mr. Christensen spoke about why there were so many hours to just prioritize projects when there is currently no funding for these projects. Mr. Delmagori shared that if funding did become available,

the MPO would want to have everything in place to apply for those funds, which would include prioritizing the current list of regional projects. Mr. Lucero shared that in the total hours include hours to be utilized for Transit Issues and other items that have been identified within the corresponding table.

Mr. Delmagori returned to his discussion of the UPWP with the Roadway Plan and the Freight Study. Mr. Christensen spoke about how the MPO needs to add hours to address the ozone issue. Mr. Sullivan addressed concerns that without direction from the EPA and the state it is difficult to know what type of activities to add and suggested keeping language about ozone fairly general. Mr. Delmagori stated that the MPO is a stakeholder in the process and the Environmental Department will take the lead putting the plan together. Mr. Lucero also commented that the MPO will be responsible to show that new projects will not be contributing to the overall ozone and that it is important to gain training for this type of activity prior to the federal requirements being instated.

Continuing with the report, Mr. Delmagori covered the Safety and Security Section, the Traffic Count Program Section, the Development Review/Traffic Forecast Section and the Intelligent Transportation Systems Section. All of these sections will have few changes, if any. The Functional Classification Section wording is fairly broad to accommodate any requests to the DOT for classification changes. Mr. Martinez requested that participating in final design for the next phase of the US 64 Bloomfield segment be added into this program area.

Mr. Delmagori completed his presentation after covering Section Five, which showed no changes to Short Range Transit, Safe Routes to Schools and the Scenic Byways categories. Section Six, the Transportation Improvement Program stays the same since the MPO goes through the update process annually from January through April. The last section to be covered in the UPWP was the budget. There will be a slight increase in the PL funding; however the actual amounts have not been confirmed by the DOT. Mr. Delmagori confirmed that the UPWP will most likely need an amendment to address any changes in the funding.

**Action:** The report was received.

### **3. BUSINESS FROM CHAIRMAN, MEMBERS AND STAFF**

Mr. Christensen shared his thoughts about the 1:30pm time for the Policy Committee and that it will be easier to schedule outside presenters. He also stressed the importance of education for the MPO Staff and also educating our committees. This may include the use of guest speakers, graphic presentations and attendance at national or local seminars. Chairman Keck shared that Dr. Henderson suggested sending a personal invitation to the Highway Commissioner for our area.

### **4. BUSINESS FROM THE FLOOR (NMDOT)**

Mr. Martinez, with the DOT, mentioned that the final recommendations have been sent to the Highway Commissioner which included four projects for the Farmington MPO. Mr. Martinez stated that serious reporting requirements will be required for all approved projects. The reports will be due monthly and the DOT is currently working on a template to help make the reporting process smoother. Ms. Baird shared that the

reclassification of West Maple is ready for MPO signature. The re-classification will be a classification trade of Calle De Rio for West Maple, which is better suited as a collector. Ms. Baird added that West Maple appears to meet all the re-classification criteria.

5. **ADJOURNMENT**

Ms. Baird motioned for adjournment, Ms. Lopez seconded the motion. Meeting was adjourned at 3:00pm.

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David Keck, Chairman

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Dee Dee Moore, MPO Admin Aide

**FARMINGTON METROPOLITAN PLANNING ORGANIZATION  
Agenda Item**

<b>Subject:</b>	Bottlenecks Reduction Program Presentation
<b>Prepared by:</b>	Joe Delmagori, MPO Planner
<b>Date:</b>	March 16, 2009

**PRESENTATION**

- Rob Fijol with FHWA will give a presentation on the Bottlenecks Reduction Program.
- Funding through this program is available.
- Ideal projects are low cost and can be quickly implemented.
- Types of Bottleneck Reduction projects include:
  - Signal re-timing
  - Signal coordination
  - Actuated or adaptive signal control (ACS Lite)
  - Signal upgrades
  - Access management principles for retrofitting corridors
  - Re-stripping

**RECOMMENDATION**

- It is recommended that the Technical Committee receive a presentation on the Bottlenecks Reduction Program.

# **Bottlenecks Reduction Program**

## **What are we looking for?**

\$100,000 per year to spend statewide on identified bottlenecks that can reduce congestion and improve safety. The money will be spent based on a statewide prioritized plan, a subset of the HISP.

## **Why?**

Be proactive. If we keep chasing the most congested, most expensive problems, we will always be behind the increasing congestion curve. If we can set aside a small amount of money each year to address low cost bottlenecks we can make a big impact on our system today.

## **What are “Bottlenecks”?**

Low cost (under \$40,000?), quickly implemented (Categorical Exclusion), not yet planned for (TIP / STIP), to reduce congestion, and improve safety.

## **What are not “Bottlenecks”?**

Work zones, large projects (Paseo de Norte interchange), safety improvements that do not effect capacity (guardrail), and corridor pricing, off-peak demand programs.

## **What are the Bottleneck reduction strategies?**

Arterial:

Signal re-timing, signal coordination, actuated or adaptive signal control (ACS Lite), signal upgrades, transit or emergency vehicle priority, adjustable turn/through lanes, use access management principles to clean up corridors, re-striping, remove unwarranted signals

Freeways:

Re-striping, ramp metering, gates to close on/off ramps during peak hours, use a short section of traffic bearing shoulder as a peak-hour lane, Re-stripe merge or diverge areas to better serve demand

## **What are the safety benefits?**

NMDOT, Traffic Safety Bureau reported a reduction of crashes up to 27.5% for all types of crashes due to traffic signal coordination in Espanola on NM 68. Magno, Carlos, *NM 68, Riverside Drive City of Española, New Mexico ITS Project Final Evaluation Report*, 2008

A synthesis of signal retiming projects in U.S. cities and Canada reported a reduction in crash frequencies of 31%. A cost benefit ratio of up to 62:1 was also reported. Sunkari, Srinivasa, P.E., *The benefits of retiming traffic signals*, ITE Journal, 2004

Improved traffic signal timing to intervals specified by ITE reduced left turn crashes 75% for all severities, 55% for fatal/injury crashes, and 63% for pedestrian crashes. Actuated signals reduced left turn crashes 80% for all types of crashes. Signal coordination reduced right angle crashes by 32% for all types of crashes. FHWA, ITE, *Traffic signals issue brief 5 safety countermeasures*, 2007

In response to a signal with 30 % higher accident rates, crashes were reduced from 32 to 0 for the one year before and after, by implementing transit signal priority. Fors, Heather, *Traffic safety is up due to timed lights*, 1998

**FARMINGTON METROPOLITAN PLANNING ORGANIZATION  
Agenda Item**

<b>Subject:</b>	FY2009 UPWP Budget Amendment
<b>Prepared by:</b>	Joe Delmagori, MPO Planner
<b>Date:</b>	March 16, 2009

**BACKGROUND**

- Due to unexpended FTA 5303 funds, NMDOT redistributed out the funds to the MPOs in the State.
- The FMPO is receiving an additional \$16,404 in 5303 with a required match of \$4,101 for a total of \$20,505.
- A Work Authorization was submitted to the MPO on March 9 with final FTA 5303 amounts.

**CURRENT WORK**

- A budget amendment is needed to approve the additional \$16,404 in federal 5303 that is available to the MPO.
- The new FTA 5303 funding levels for FY2009 are as follows:
  - \$38,214 in federal share
  - \$9,554 in required local match
  - \$47,768 in total FTA 5303

**BACKUP MATERIAL**

- Summary tables that show the revised FTA 5303 amounts for the MPO.

**RECOMMENDATION**

- It is recommended that the Technical Committee recommend approval of the FY2009 UPWP budget amendment.

FY2009 UPWP Budget Comparison with additional FTA 5303 Funds

	Final Authorizations	Additional 5303 Funding	New FY2009 MPO Budget
PL - Fed	\$ 85,246		\$ 85,246
PL - Local Match	\$ 14,527		\$ 14,527
Total	\$ 99,773		\$ 99,773
PL TCounts - Fed	\$ 10,680		\$ 10,680
PL TCounts - Local Match	\$ 1,820		\$ 1,820
Total	\$ 12,500		\$ 12,500
PL - Fed Total	\$ 95,926		\$ 95,926
PL - Local Match Total	\$ 16,347		\$ 16,347
PL Total Funding	\$ 112,273		\$ 112,273
FTA 5303 - Fed	\$ 21,810	\$ 16,404	\$ 38,214
FTA 5303 - Local Match	\$ 5,453	\$ 4,101	\$ 9,554
FTA 5303 Total	\$ 27,263	\$ 20,505	\$ 47,768
Local Match Totals	\$ 21,800		\$ 25,900
Overmatch	\$ 205,017		\$ 184,512
Total Budget	\$ 344,552		\$ 344,552

FY2009 Required Local Match Summary

	FHWA PL	Traffic Counts	FTA 5303		Previous Required Match Local Totals	Final Required Match Totals
	Final Authorizations	Final Authorizations	Previous Authorizations	New Authorizations		
Aztec	\$ 1,453	\$ 182	\$ 545	\$ 955	\$ 2,180	\$ 2,590
Bloomfield	\$ 1,453	\$ 182	\$ 545	\$ 955	\$ 2,180	\$ 2,590
Farmington	\$ 8,716	\$ 1,092	\$ 3,272	\$ 5,732	\$ 13,080	\$ 15,541
San Juan	\$ 2,905	\$ 364	\$ 1,091	\$ 1,911	\$ 4,360	\$ 5,180
Total	\$ 14,527	\$ 1,820	\$ 5,453	\$ 9,554	\$ 21,800	\$ 25,900

**FARMINGTON METROPOLITAN PLANNING ORGANIZATION  
Agenda Item**

<b>Subject:</b>	FY2010-2015 Transportation Improvement Program (TIP)
<b>Prepared by:</b>	Martin Lucero, MPO Associate Planner
<b>Date:</b>	March 16, 2009

**BACKGROUND**

- The MPO updates the TIP on an annual basis.
- Staff has met with the entities to revise project information.
- The TIP Introduction and financial plan have been developed.
- The draft FY2010-2015 TIP has been issued for public comment.

**CURRENT WORK**

- Final revisions have been added to the TIP, including Safety Projects and American Recovery and Reinvestment Act projects.
- A 30-day public comment period closes on April 3.
- A public hearing on the TIP will be held during the Technical Committee meeting on March 26.

**ANTICIPATED WORK**

- Any potential public comments will be incorporated into the final TIP document.
- The Policy Committee is expected to adopt the FY2010-2015 TIP through resolution at their April 9 meeting.
- The STIP will be revised based on the MPO TIP.

**ATTACHMENTS**

- FY2010-2015 TIP Introduction, Regionally-Significant, Non-Regionally Significant, and Unfunded project lists (provided under separate cover to committee members and entity staff; document also available on MPO website).

**RECOMMENDATION**

- It is recommended that the Technical Committee:
  - a. Hold a public hearing on the FY2010-2015 TIP.
  - b. Recommend adoption of the FY2010-2015 TIP.

**FARMINGTON METROPOLITAN PLANNING ORGANIZATION  
Agenda Item**

<b>Subject:</b>	FY2010 Unified Planning Work Program (UPWP)
<b>Prepared by:</b>	Joe Delmagori, MPO Planner
<b>Date:</b>	March 16, 2009

**BACKGROUND**

- The Unified Planning Work Program (UPWP) is the fiscal year work plan for the MPO, covering work activities from July 1, 2009 through June 30, 2010.
- The most important project in FY2010 will be the update to the Metropolitan Transportation Plan.
- Staff reviewed the draft UPWP with both the Technical and Policy Committees earlier this month.

**CURRENT and ANTICIPATED WORK**

- Revisions to the draft list of activities, products, and timeframes have been made.
- FHWA PL funding estimates have been received.
- Since no 5303 estimates were provided, staff has been advised by the Transit Bureau to use current 5303 funding for FY2010.
- Staff will review the final draft FY2010 UPWP with the Technical Committee on March 26.
- The MPO will seek approval of the annual work plan in April.

**ATTACHMENTS**

- Draft FY2010 UPWP (provided under separate cover to committee members and entity staff; document also available on MPO website).

**RECOMMENDATION**

- It is recommended that the Technical Committee recommend approval of the FY2010 UPWP.

**FARMINGTON METROPOLITAN PLANNING ORGANIZATION**  
**Agenda Item**

<b>Subject:</b>	Metropolitan Transportation Plan (MTP) Update
<b>Prepared by:</b>	Martin Lucero, MPO Associate Planner
<b>Date:</b>	March 16, 2009

**BACKGROUND**

- Staff has developed a future road network map that identifies potential future road improvements and proposed road classification changes.
- Staff held three public meetings in February to seek input on the future road network map and on possible transit expansion options.
- Population data in the MPO boundary showing the change from 2000 to 2008 has been collected.
- MTP Goals and Objectives have been reviewed by the Technical Committee

**CURRENT WORK**

- Surveys have been issued to the public and various organizations to seek input on travel characteristics and needed transportation improvements.
- Freight data collection.
- Research on transit needs assessments.

**ANTICIPATED WORK**

- Collect employment data to show change from 2000 to 2008.
- Complete population and employment projections.
- Finalize the future road network map.
- Begin the needs assessment for Red Apple Transit.

**ATTACHMENTS**

- Population growth maps will be provided at the meeting.

**RECOMMENDATION**

- It is recommended that the Technical Committee receive a status report on the Metropolitan Transportation Plan (MTP) Update.

**FARMINGTON METROPOLITAN PLANNING ORGANIZATION  
Agenda Item**

<b>Subject:</b>	Red Apple Transit Update
<b>Prepared by:</b>	Martin Lucero, MPO Associate Planner
<b>Date:</b>	March 16, 2009

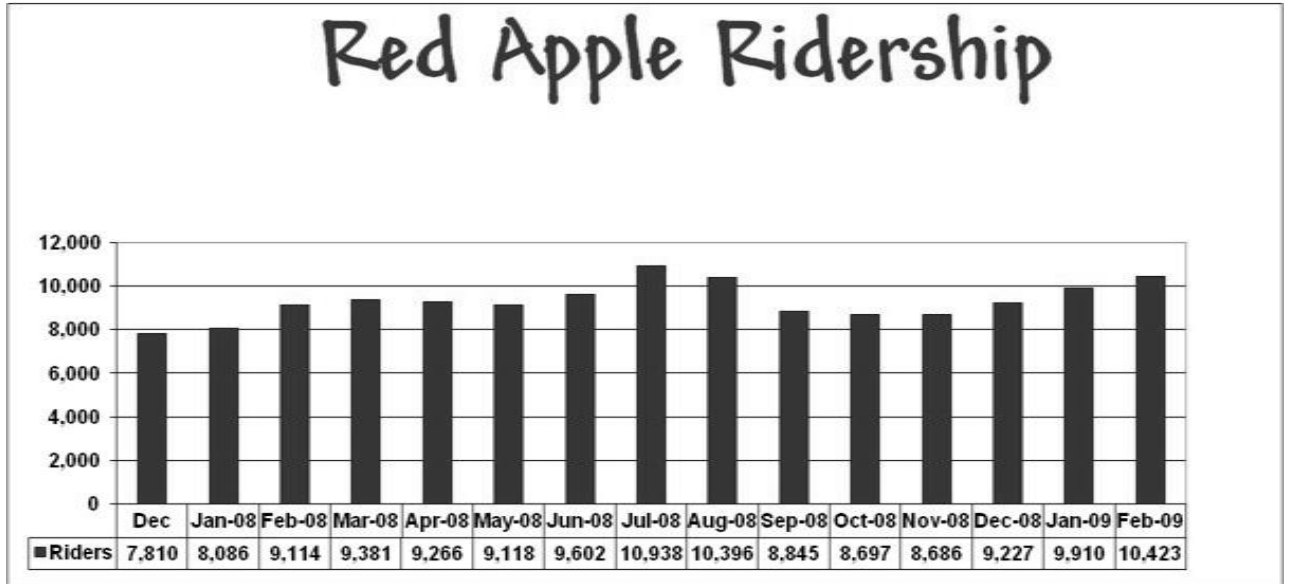
**RED APPLE UPDATE**

- Overall ridership reached nearly 10,423 passengers in February.
- Farmington saw a 7% increase in ridership over previous month.
- Aztec, Bloomfield, and Kirtland all saw decreases in ridership over previous months, with -12%, -3%, and -20% respectfully.
- Aztec, Bloomfield, and Kirtland had increases over the same period last year with 5%, 67%, and 10% respectfully.
- Farmington saw a 13% increase over this time last year.
- The ridership report is attached.

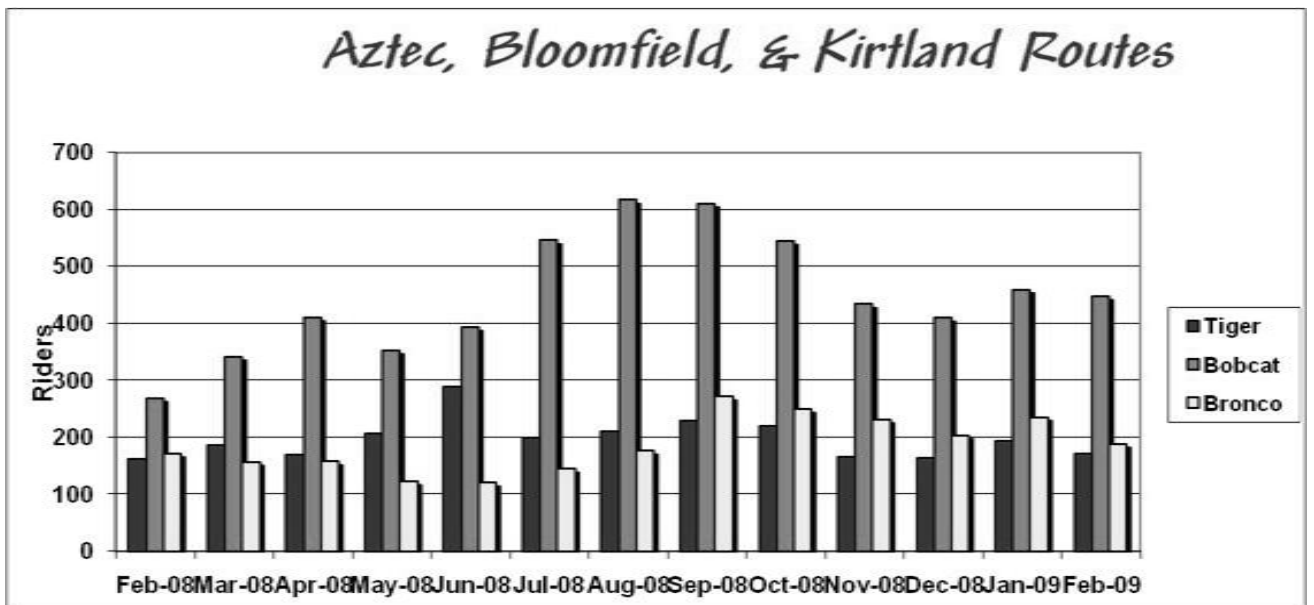
**RECOMMENDATION**

- It is recommended that the Technical Committee receive a report on Red Apple Transit.

RED APPLE TRANSIT SUMMARY - February 2009



	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09
<b>Tiger</b>	141	163	186	170	207	290	200	210	230	220	167	165	194	171
<b>Bobcat</b>	276	269	342	411	353	394	546	617	611	545	434	410	460	448
<b>Bronco</b>	180	172	157	158	123	121	145	177	272	250	232	204	236	189
<b>Fmtn</b>	7489	8510	8696	8527	8435	8797	10,047	9392	7732	7682	7853	8448	9020	9615



**FARMINGTON METROPOLITAN PLANNING ORGANIZATION  
Agenda Item**

<b>Subject:</b>	Information Items
<b>Prepared by:</b>	Joe Delmagori, MPO Planner
<b>Date:</b>	March 16, 2009

**INFORMATION ITEMS**

- a. **NMED Air Quality Recommendation.** The NM Environmental Department issued a letter on March 12 stating that San Juan County will not be recommended as non-attainment for ozone due to the validity of data collected at the Navajo Lake station.
- b. **MPO Quarterly Meeting.** Staff attended the statewide MPO meeting in Albuquerque on March 18.
- c. **Safe Routes to School Program Update.** A summary of the latest activities and events will be provided at the meeting. The Bike Rodeo at San Juan College will be held on May 30.
- d. **Other.**