

MINUTES
FARMINGTON METROPOLITAN PLANNING ORGANIZATION
TECHNICAL COMMITTEE MEETING
August 14, 2019

Technical Members Present: Steve Morse (Alt), City of Aztec
Jason Thomas, City of Bloomfield
Virginia King, City of Farmington
Helen Landaverde (Alt), City of Farmington
Dan Flack, Town of Kirtland
David Quintana, NMDOT District 5 (via phone)
Andrew Montoya, Red Apple Transit
Fran Fillerup, San Juan County

Technical Members Absent: Steven Saavedra, City of Aztec
Nick Porell, San Juan County

Staff Present: Mary Holton, MPO Officer
June Markle, Administrative Assistant

Staff Absent: None

Others Present: Joseph Moriarty, Liaison, NMDOT Planning Bureau
Denise Aten, Bohannon Huston (via phone)
Elif Ertemiz, Bohannon Huston
Aaron Sussman, Bohannon Huston
Michael Wright, Sites Southwest

1. CALL TO ORDER

Vice Chair Jason Thomas called the meeting to order at 10:04 a.m.

2. APPROVE THE MINUTES FROM THE JULY 10, 2019 TECHNICAL COMMITTEE MEETING

Mr. Fillerup moved to approve the minutes from the July 10, 2019 Technical Committee meeting. Mr. Flack seconded the motion. The motion to approve the minutes passed unanimously.

3. 2045 METROPOLITAN TRANSPORTATION PLAN (MTP) KICKOFF

Ms. Holton introduced Aaron Sussman, Planner with Bohannon Huston (BHI) (asussman@bhinc.com) who will be the lead consultant for the 2045 MTP. Mr. Sussman introduced the other members of the project team: Denise Aten, Planning Manager with Bohannon Huston, Elif Ertemiz with Bohannon Huston, Michael Wright with Sites Southwest who will be leading the public/stakeholder outreach effort, Bob Shull with EcoResource Management Systems, Inc. who will be handling the travel demand modeling, and Toole Design who will be conducting the bicycle, pedestrian, and complete streets analyses.

A summary of Mr. Sussman's presentation is summarized below:

What Is An MTP

- Revised every five years
- Consider current and projected regional transportation needs
- Develop a transportation vision for the region
- Consider how to best utilize the federal funding available to the region.

Key MTP Components

- Existing conditions
- Growth projections and land use
- Distribution of population and jobs
- Analysis for all modes of transportation (integrate newly adopted Bike/Ped Plan into the MTP)
- Funding analysis
- Project lists (update and revise list from the 2040 MTP)

Key Considerations from the 2040 MTP

- Responded to higher levels of projected growth
- Emphasized maintenance needs
- Looked at Complete Streets
- Introduced prioritization process and performance measures for the first time (consider progress made)

Growth Projections

- Population growth projected to be much higher in the previous MTP.
- Revised projections now show a 7% total growth between 2010 and 2040 rather than 40%.
- Changing age dynamics: increasing share of senior citizens (65 and older) from 11% to 18%. These citizens are typically not commuters and their transportation needs are different than those in the labor force.

Traveling Modeling and 2045 Trend Scenario

- 2045 MTP update includes updates to travel demand model
- New population and growth forecasts at subarea level (not just county level)
- Travel modeling of current and projected roadway conditions

Additional Focus Areas

- Integration of the new Bicycle & Pedestrian master plan
- Freight: truck, air, and rail
- Performance measures and progress since 2015
- Review/update prioritization process (tie investments to the goals and objectives of the plan)
- Climate change analysis (requested by NMDOT)

Public/Stakeholder Outreach

Phase 1 (Fall 2019) - information gathering: public meetings across FMPO communities as well as online outreach (project website, interactive map, questionnaire).

Phase 2 (early 2020) - regional needs and strategies and review priorities: public meeting and focus groups.

Phase 3 (summer 2020) - draft MTP - public meeting and focus groups.

Role of FMPO Technical Committee

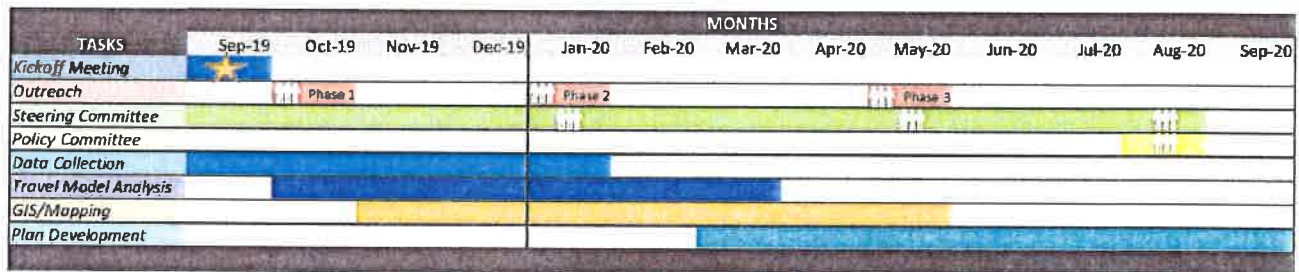
- Serve as Steering Committee
- Develop goals and objectives
- Help identify local agency needs and priorities
- Update project lists
- Review draft MTP
- Receive monthly updates from BHI (willing to meet individually with the entities to answer any questions)

Role of FMPO Policy Committee

- Final approval and adoption
- Regular updates
- Help identify local agency needs and priorities, as appropriate

Schedule

- 12-month update process
- Plan must be completed and adopted by September 2020



Mr. Fillerup asked if BHI would be gathering projected local and state funding information along with federal funding. Mr. Sussman said they could use the previous MTP information as a template for determining reasonably available funding. It is understood that this number will likely be imprecise, but he will be interested in getting an idea of how much funding may be available.

Mr. Fillerup also asked if the 2045 MTP would be looking at significant maintenance/rehab projects along with new projects. Mr. Sussman agreed this is a challenge. The focus on maintenance is being prioritized and NMDOT is emphasizing asset management. Another consideration, maintenance projects many times can introduce other roadway improvements and provide those opportunities.

Mr. Fillerup asked if the travel demand modeling will look at setting different scenarios (i.e.: that at a certain population counts the northern route currently shown may be needed). Mr. Sussman explained that this level of detail has not yet been discussed. Modeling is useful as a diagnostic tool and not just responding to growth

pressures. Scenarios are definitely useful and BHI will be looking to the Technical Committee for their input and recommendations.

4. FFY2019-2020 UPWP AMENDMENT #4 AND POLICY COMMITTEE (PC) RESOLUTION 2019-4

Subject:	FFY2019-2020 UPWP Amendment #4 and Policy Committee (PC) Resolution 2019-4
Prepared by:	Mary Holton, AICP, MPO Officer
Date:	August 14, 2019

BACKGROUND

- The MPO maintains a Unified Planning Work Program, which sets forth the tasks the MPO will undertake in a given fiscal year.
- The Policy Committee approved the MPO's two-year FFY2019-2020 UPWP on June 28, 2018. The NMDOT approved the first amendment (administrative) in December 2018. The Policy Committee approved the second amendment on March 15. The MPO submitted the third amendment (administrative) to correct a scrivener's error on July 30, 2019.
- This fourth amendment is necessary to shift the FTA FFY2017 & FFY2018 carry-over funds (second amendment) from FFY2019 to FFY2020 to assist in paying for the preparation of the MTP.
- On August 4, the required 15-day public review/comment period for Amendment #4 to the FFY2019-2020 Unified Planning Work Program (UPWP) began. The notice was posted on the MPO's website and in the Daily Times.
- The Technical Committee will consider recommending approval of the proposed amendment and PC Resolution on August 14, 2019.

STAFF RECOMMENDATION, APPLICABLE CITATIONS, CONSEQUENCES OF NON-COMPLIANCE

- MPO Staff recommends that the MPO Technical Committee recommend approval of Amendment #4 to the FFY2019-20 UPWP and Policy Committee (PC) Resolution 2019-4 to the MPO Policy Committee.
- The NMDOT Policy and Procedures Manual requires the submittal of an Amendment on a quarterly basis (March 15; June 15; September 15 (in odd-numbered FFYs); December 15).
- The following citation is applicable: § 450.308 Funding for transportation planning and unified planning work programs. See next page for the citation.
- Consequences of not following this citation: The MPO would be in violation of § 450.308. NMDOT would likely issue a Corrective Action Plan (CAP) to the MPO, which could potentially delay reimbursements.
- §450.308 Funding for transportation planning and unified planning work programs.
 - (a) Funds provided under 23 U.S.C. 104(d), 49 U.S.C. 5305(d), and 49 U.S.C. 5307, are available to MPOs to accomplish activities described in

this subpart. At the State's option, funds provided under 23 U.S.C. 104(b)(2) and 23 U.S.C. 505 may also be provided to MPOs for metropolitan transportation planning. At the option of the State and operators of public transportation, funds provided under 49 U.S.C. 5305(e) may also be provided to MPOs for activities that support metropolitan transportation planning. In addition, an MPO serving an urbanized area with a population over 200,000, as designated by the Bureau of the Census, may at its discretion use funds sub-allocated under 23 U.S.C. 133(d)(4) for metropolitan transportation planning activities.

(b) An MPO shall document metropolitan transportation planning activities performed with funds provided under title 23 U.S.C. and title 49 U.S.C. Chapter 53 in a unified planning work program (UPWP) or simplified statement of work in accordance with the provisions of this section and 23 CFR part 420.

(c) Except as provided in paragraph (d) of this section, each MPO, in cooperation with the State(s) and public transportation operator(s), shall develop a UPWP that includes a discussion of the planning priorities facing the MPA. The UPWP shall identify work proposed for the next 1- or 2-year period by major activity and task (including activities that address the planning factors in §450.306(b)), in sufficient detail to indicate who (e.g., MPO, State, public transportation operator, local government, or consultant) will perform the work, the schedule for completing the work, the resulting products, the proposed funding by activity/task, and a summary of the total amounts and sources of Federal and matching funds.

(d) With the prior approval of the State and the FHWA and the FTA, an MPO in an area not designated as a TMA may prepare a simplified statement of work, in cooperation with the State(s) and the public transportation operator(s), in lieu of a UPWP. A simplified statement of work shall include a description of the major activities to be performed during the next 1- or 2-year period, who (e.g., State, MPO, public transportation operator, local government, or consultant) will perform the work, the resulting products, and a summary of the total amounts and sources of Federal and matching funds. If a simplified statement of work is used, it may be submitted as part of the State's planning work program, in accordance with 23 CFR part 420.

(e) Arrangements may be made with the FHWA and the FTA to combine the UPWP or simplified statement of work with the work program(s) for other Federal planning funds.

(f) Administrative requirements for UPWPs and simplified statements of work are contained in 23 CFR part 420 and FTA Circular C8100, as amended (Program Guidance for Metropolitan Planning and State Planning and Research Program Grants).

DISCUSSION: Ms. Holton explained that Amendment #4 to the UPWP is a formal amendment requiring a public hearing along with a Policy Committee resolution. The

additional carryover funds that were awarded to the MPO in Amendment #2 adopted in March 2019 are being shifted to FFY2020 to provide funding for the MTP consultant and a couple of other small projects.

UPWP Amendment #3 was also recently processed as an administrative amendment. An earlier five dollar calculation error necessitated Amendment #3.

Ms. Holton said that the additional funding award from FTA stated the funding was good in 2019 and 2020 and the MTP project required that additional funding be moved. MPO Staff does recommend approval of Amendment #4 and Policy Committee Resolution 2019-4.

Vice Chair Thomas opened the public hearing. No public comments were received. The public hearing was closed.

Mr. Fillerup asked about Section 4.2 Safety Analysis and Planning and if this was only to address performance safety targets. Ms. Holton commented that there is no requirement for a safety plan, but with changing priorities this may be reconsidered in the future and the 2045 MTP will certainly address safety.

ACTION: Mr. Fillerup moved to recommend approval of Amendment #4 to the UPWP and Policy Committee Resolution 2019-4. Mr. Morse seconded the motion. The motion was passed unanimously.

5. STATUS OF TIP PROJECTS

Subject:	Status of TIP Projects
Prepared by:	MPO Staff
Date:	August 14, 2019

BACKGROUND	
<ul style="list-style-type: none"> ▪ The STIP Protocols, finalized in early 2014, require that each MPO shall develop a process to monitor the progress and status of each project in the first two years of the TIP. These monthly reviews help correct inconsistencies in the TIP, STIP, the MPO's MTP, Agreement Request Forms (ARFs), etc. and provide for discussion among the members and NMDOT representatives. ▪ The Policy Committee approved the new FFY2020-2025 TIP during a Special meeting on July 25, 2019. ▪ The projects on the new FFY2020-2025 TIP are listed below. 	

TRACKING INFORMATION (2018-2023 TIP)	
Local Agreement Status (ARF)	ITS/Sys ENG Certification
ROW Certification	Public Involvement Certification
Design Completion 30 - 60 - 90%	

Environmental Certification Utilities Certification Railroad Certification Archeology Certification	
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PROJECTS ON FMPO FFY2020-2025 TIP

<ul style="list-style-type: none"> ▪ <u>Aztec</u> F100091 - East Aztec Arterial Phase II ▪ <u>Bloomfield</u> F100300 - East Blanco Bridge ▪ <u>Farmington</u> F100099 - Foothills Drive Enhancement Phase II F100100 - East Pinon Hills Blvd Extension Phase I F100101 - East Pinon Hills Blvd Extension Phase II F100132 - 20th Street Phase III TF00001 - Red Apple Transit ▪ <u>San Juan County</u> F100021 - East Pinon Hills Blvd Extension Phase III F100240 - Glade Run Recreation Area Trails F100290 - CR 5500 Bridge Replacement F100320 - Kirtland Schools Walk Path Extension F100330 - Glade Run Recreation Area Trails Extension ▪ <u>NMDOT</u> F100170 - NM 173
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INFORMATION ITEM

- This is an information item only. Committee members will have an opportunity to provide any needed feedback/updates regarding current TIP project status and details.

DISCUSSION: The Technical Committee members gave their project updates:

City of Aztec - Steve Morse

The East Aztec Arterial-Phase II is funded and easements are in progress.

City of Bloomfield - Jason Thomas

The City of Bloomfield is still working with on right-of-way with one property owner for the East Blanco Bridge project. Once that issue has been resolved, they will begin relocating utilities.

City of Farmington - Virginia King

Acquisition on the Foothills Drive Enhancement-Phase II is about 95% complete. That process is hoped to be completed by August 30.

20th Street-Phase III is in the design process.

There were no updates for the East Pinon Hills Blvd Extension-Phases I and II

Red Apple Transit - Andrew Montoya
There were no updates on the Red Apple Transit.

San Juan County - Fran Fillerup
East Pinon Hills Blvd-Phase III is at 60% design in the right-of-way and appraisal step.

Glade Run Recreation Area Trails - No update.

CR 550 Bridge Replacement - This project is in the right-of-way and acquisition process.

Kirtland Schools Walk Path Extension - During the planning of the first phase of the walk path, the environmental clearance was done. Mr. Fillerup said he believed this project was in the early design phase.

Glade Run Recreation Area Trails Extension - No update.

NMDOT - District 5 - David Quintana
The HSIP project for NM 173 is ready to proceed. Before the project can begin, NMDOT will have an encroachment hearing with Williams Gas and they are still working with the City of Aztec to move the water lines.

6. REVIEW OF THE DRAFT PUBLIC PARTICIPATION PLAN (PPP)

Subject:	Review of the Draft Public Participation Plan
Prepared by:	Mary Holton, AICP, MPO Officer
Date:	August 14, 2019

BACKGROUND

- The current Public Participation Plan (PPP) was adopted on January 19, 2012 and amended on January 28, 2016.
- The PPP must be reviewed/updated at least every five (5) years, prior to the updating the MTP.
- The PPP has been revised purposely to address issues raised in the MPO's recent Quality Assurance Review (QAR) by NMDOT, specifically in Item 8 (pages 8-9 of the QAR).

CURRENT WORK and ATTACHMENTS

- Substantive changes in the revised PPP include:
 1. Adding Kirtland as a member entity and NWNMCOG as the MPO's administrative agent.
 2. Enlarging the MPO's public outreach efforts by:
 - a. Publishing and posting public notices for draft and final documents in English and Spanish (page 11 of the draft PPP).

- b. Adding Public Comment forms at meetings and different locations (page 15 and Appendix B of the draft PPP).
- c. Adding locations for posting meeting notices, public comment forms, and draft planning documents (page 20 of the draft PPP).
- 3. Adding FAST Act language to Planning Goals (pages 4-5 of the draft PPP).
 - The required 45-day public review/comment period for the draft PPP is from August 11-September 26.
 - Both Committees will review the draft PPP in August.
 - A copy of the QAR is attached; a copy of the draft PPP will be sent separately.

INFORMATION ITEM & APPLICABLE CITATION
<ul style="list-style-type: none"> ▪ The Technical Committee is asked to review the draft and provide staff with questions and comments at this meeting. ▪ Both Committees will consider the revised PPP for approval in September. ▪ 23 CFR 450.316

DISCUSSION: Ms. Holton reported that the 45-day public comment period was advertised on August 11 and copies of the draft PPP were hand-distributed to each of the locations listed on Page 20 of the draft document by August 9.

Some changes were made to address issues raised in the MPO’s Quality Assurance Review (QAR) finalized by NMDOT’s Planning Bureau on July 15:

- Add Kirtland as a member entity and NWNMCOG as the MPO’s administrative agent;
- Enlarge the MPO’s public outreach efforts by:
 - o Publishing and posting public notices for draft and final documents in English and Spanish;
 - o Providing Public Comment forms at meetings;
 - o Adding locations for posting of meeting notices, public comment forms and draft planning documents;
- Add FAST Act language to Planning Goals

Both Committees will consider approval of the final PPP in September.

7. QUARTERLY EDUCATION: INTEGRATING RESILIENCE INTO THE TRANSPORTATION PLANNING PROCESS

Subject:	Quarterly Education: Integrating Resilience into the Transportation Planning Process
Prepared by:	Mary L Holton, AICP, MPO Officer
Date:	August 14, 2019

PRESENTATION

Recent disasters, including wildfires in California, flooding in Colorado, ice storms in Atlanta, and hurricanes from the Gulf Coast to the Northeast, have endangered the long-

term investments that Federal, state, and local governments have made in transportation infrastructure.

Transportation agencies across the country are assessing ways to ensure that our nation's transportation infrastructure is resilient-prepared for and able to withstand, respond to, and quickly recover from potential disruptions.

Addressing this critical issue is included in the U.S. Department of Transportation Strategic Plan for FY 2018-2022, which includes development of new tools to improve transportation infrastructure durability and resilience as a priority innovation area. It also states that infrastructure should be made resilient and durable to withstand extreme weather events.

Doing so will reduce future maintenance costs over the full life cycle of transportation assets. In addition, The Fixing America's Surface Transportation (FAST) Act, signed into law in December 2015, requires agencies to consider resiliency during transportation planning processes.

FHWA is developing resources for State DOT and MPO planners on integrating resilience into the transportation planning process. FHWA has developed a white paper and fact sheet and is developing case studies, a Q&A document, and a handbook. FHWA also sponsored three peer exchanges to explore approaches to incorporating resilience into the planning process with State DOTs, MPOs and other stakeholders.

Three (3) short readings have been provided to you: "Resilience and Transportation Planning," "Considering Resilience in Transportation Planning: Laying the Groundwork," and, "Building Resilient Transportation."

Please review the readings and be prepared to discuss the concepts and methods discussed in the readings for inclusion into the new MTP.

DISCUSSION: Ms. Holton noted that the issue of resiliency came out of the FAST Act and requires agencies to take resiliency and reliability into consideration during the transportation planning process. This educational presentation (including three reports on Pages 70 of the Agenda) is to introduce the concept of excessive weather events such as flooding and high heat. Much of this information will be reviewed for inclusion in the MTP chapter on climate.

In 2011, the USDOT provided funding for some small pilot projects on how to respond and deal with climate change. A larger project then evolved from the early pilot programs in 2013-2015 funded by FHWA.

The concept is to identify the vulnerabilities in the region and determine how best to safeguard the infrastructure from the damage caused by these extreme weather events. These ideas have been evolving at FHWA and NMDOT over the last decade or so and there is now a vulnerability assessment and adaptation framework that provides the recommended methodology. Ms. Holton has additional materials that she will provide to those interested.

The Committee discussed how the issues of extreme weather could affect planning documents (i.e.: minimum design for bridge, erosion control, etc.). Ms. Holton thought the takeaway was how to protect the region's investment in transportation from extreme weather events.

8. REPORTS FROM NMDOT

Planning Bureau - Joseph Moriarty

Mr. Moriarty reported on the following items:

- STIP Funding - Local public agencies may apply for State Transportation Innovation Council (STIC) funding. More information is available on FHWA website. New Mexico STIC applications/proposals are due to NMDOT by August 30;
- American Association of State Highway Transportation Officials (AASHTO) has released a summary on the proposed America's Transportation Infrastructure Act (ATIA) which would reauthorize the FAST Act (more information was provided in the 7/29/19 NMDOT Govt to Govt Update);
- The Active Transportation Programs team at NMDOT completed its FFY2020 Call for Projects Report, summarizing the process and outcomes of the recent call for projects. The report can be viewed on the NMDOT website and through the 7/29/19 NMDOT Govt to Govt Update. The report provides a good resource on the types of projects that were selected;
- FHWA is offering a Value Capture Webinar Series for agencies looking for innovative financial strategies to fund transportation projects (more information also available in the 7/29/19 NMDOT Govt to Govt Update);
- NMDOT's long range transportation plan update is underway. The consultant for the update is High Street which will begin the update process with a review of the current plans. External meetings with stakeholders will be held, but no dates have been set.

Mr. Fillerup commented that input on the state's long range plan from stakeholders is important especially in respect to rural vs. urban areas, the size of the facility, as well as the limited use of funds towards maintenance. Mr. Moriarty thought these would certainly be topics of discussion once the process is further underway.

District 5 - David Quintana

Construction on US 64 is continuing with traffic soon being rerouted over to the newly constructed lanes shortly.

The statewide call for projects listing was submitted to the State Transportation Commission for their approval at their meeting on August 20. The funding received was evenly distributed among the Districts and most of the project applications submitted are expected to be funded.

No District 5 Transportation Commissioner has not yet been named.

The maintenance crew began dredging out the bridge under US 64 in Bloomfield. Work is expected to be completed soon.

9. COMMITTEE MEMBER DISCUSSION ITEMS

Subject:	Committee Member Discussion Items
Date:	August 14, 2019

DISCUSSION ITEMS

There were no additional discussion items provided by Technical Committee members for inclusion in the Agenda.

10. INFORMATION ITEMS

Subject:	Information Items
Prepared by:	MPO Staff
Date:	August 14, 2019

INFORMATION ITEMS

- a. **MTP Update.** Selection of the consultant is currently scheduled by the Farmington City Council (Fiscal Agent) on August 13, 2019. A report will be provided to you at your meeting.
- b. **FFY2020-2025 TIP Amendment Schedule.** A proposed schedule has been sent to NMDOT for their review/approval. The first amendment is tentatively slated to begin with the call for projects in September or October 2019 for the committees' consideration/adoption to occur in November. A status report will be provided to you at your meeting.
- c. **New NM-LTAP Trainings for the Fall.** Attached is a schedule of upcoming inexpensive trainings available to entities.
- d. **TIP Project Updates.** The MPO's QAR Item #9 provided a recommendation that the TC members prepare and communicate their updates to MPO staff 2-3 days in advance of the TC meeting. MPO Staff could then compile a consolidated table for use at the meeting. Please be prepared to discuss this at your meeting.
- e. **MPO Quarterly.** The MPO Quarterly is scheduled for September 18 and 19 in Santa Fe. The meeting on Wednesday will be the updates from the MPOs and NMDOT along with any other pending discussion items. There will be training on Thursday on pedestrian safety led by FHWA on their STEP program - Safe Transportation for Every Pedestrian.

DISCUSSION: a. This item was already discussed.

b. The FFY2020-2025 TIP Amendment Schedule was approved by NMDOT. The first call for amendments will be made on September 23.

c. A list of upcoming NM-LTAP trainings for the fall is provided on Page 73-74 of the Agenda.

d. The Quality Assurance Review (QAR) provided a recommendation for the Technical Committee members to prepare and provide their project updates to MPO Staff on Monday prior to the actual Wednesday meeting. Staff will compile the updates recognizing that the members may be augmenting their update at the meeting as necessary. The Technical Committee agreed and this new process will begin in September.

e. The MPO Quarterly is scheduled for September 18 and 19 in Santa Fe. STEP Program training on pedestrian safety will be provided to attendees.

11. BUSINESS FROM THE CHAIRMAN, MEMBERS AND STAFF

Vice Chair Thomas thanked Mr. Quintana for his assistance in getting the cleanout of the bridge on US 64 started. This issue has been of great concern to the residents downstream who have been flooded in the past. He added that the plugging of bridges and culverts tie back to the earlier discussion on resiliency is addressing climate change issues.

Vice Chair Thomas also asked for assistance from District 5 in getting three no u-turn signs installed on West Broadway where no turn lanes exist and traffic accidents have occurred. Mr. Quintana said he would help and asked for an e-mail indicating the location of the desired signage.

There was no additional business from the Chairman, Members and Staff.

12. PUBLIC COMMENT ON ANY ISSUES NOT ON THE AGENDA

There was no public comment on any issues not on the agenda.

13. ADJOURNMENT

Mr. Flack moved to adjourn the meeting. Mr. Morse seconded the motion. The motion passed unanimously and Vice Chair Thomas adjourned the meeting at 11:04 a.m.



Jason Thomas, Technical Committee
Vice Chair



June Markle, Administrative Assistant