To: All Members, Technical Advisory Committee  
From: Sonia Jimenez, Deputy Director  
Subject: Meeting Notice and Agenda

This agenda is subject to revision up to 72 hours prior to the meeting.

The next meeting of the MPO Technical Advisory Committee is scheduled for Friday, December 2, 2022 at 1:30 p.m.
at the TxDOT District Office, Building 2 Hearing Room located at 4615 NW Loop 410, San Antonio, Texas 78229
It is the intent that the chair will preside over the meeting from this location.

Internet access to the meeting is through the MPO’s website at www.alamoareampo.org/committees/online

Citizens to be Heard: Speakers will be allowed up to three (3) minutes each to address the Technical Advisory Committee under the Citizens to be Heard agenda item. All speakers must state their names and any organizations they represent.

Agenda: Items may be taken out of the order shown

1. Roll Call
2. Citizens to be Heard
3. Approval of the October 7, 2022 Meeting Minutes
4. Update on the Great Springs Project (GSP), the Bicycle and Pedestrian Trail System Proposed to Connect the San Antonio and Austin Areas – GSP (Merritt)
5. Discussion and Appropriate Action on AAMPO’s 2023 Transportation Conformity Document – AAMPO (Hall)
6. Discussion and Appropriate Action on the FY 2024 Unified Transportation Program Project Scoring and Prioritization – AAMPO (Jiménez)

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability or family status.
To arrange for translation services or assistance due to disability (free of charge), please contact the MPO at aampo@alamoareampo.org or (210) 227-8651 (or Relay Texas at 7-1-1) at least five working days in advance.
Se solicita la participación pública sin distinción de raza, color, nacionalidad de origen, edad, sexo, religión, discapacidad o estado familiar. Para coordinar servicios gratuitos de traducción o asistencia debido a una discapacidad, comuníquese con la MPO por correo electrónico a aampo@alamoareampo.org o llame al 210-227-8651 (o Relay Texas al 7-1-1) con al menos cinco días hábiles de anticipación.

Please provide any written comments on any agenda items at least one day prior to the meeting to the MPO at:
Proporcione comentarios por escrito sobre cualquier tema en la agenda al menos un día antes de la reunión pública a la MPO en:

825 South Saint Mary’s Street • San Antonio, Texas 78205
☎ (210) 227-8651  ☏ (210) 227-9321  ☏ TTD 1 (800) 735-2989
🔗 www.alamoareampo.org
7. Discussion and Appropriate Action on Safety Performance Measures and 2023 Target Setting – AAMPO (Hall)

8. Discussion and Appropriate Action on Roadway and Transit Amendments to the Metropolitan Transportation Plan and FY 2023-2026 Transportation Improvement Program – AAMPO (Hall)

9. Announcements
   a. AAMPO’s General Planning Consultant Services Selection Committee is recommending the HDR team to be considered for approval by the Transportation Policy Board at their December 12, 2022 meeting.

   b. The Project Cost Increase Work Group met on Tuesday, November 29, 2022 to review applications. The group will make recommendations for projects to receive additional Surface Transportation Block Grant (STBG) funds, to the Transportation Policy Board in early 2023.

   c. AAMPO offices will be closed Monday, December 26, 2022 in observation of Christmas and Monday, January 2, 2022 in observation of the New Year’s Day holiday.

   d. Other
# 1. Roll Call

<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
<th>Affiliation</th>
</tr>
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<tbody>
<tr>
<td>Bianca Thorpe, P.E.</td>
<td></td>
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<tr>
<td>Rick Bluntzer</td>
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<td>Alamo Area Council of Governments</td>
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<td>Reggie Fountain, P.E.</td>
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<td>Alamo Regional Mobility Authority</td>
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<td>Dave Wegmann, P.E.</td>
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<td>Bexar County</td>
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<tr>
<td>Garry Ford, PE, PTOE *</td>
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<tr>
<td>Tomika Monterville</td>
<td></td>
<td>City of San Antonio</td>
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<tr>
<td>Catherine Hernandez</td>
<td></td>
<td>City of San Antonio</td>
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<tr>
<td>Marc Jacobson, P.E. **</td>
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<tr>
<td>Mary Hamann, P.E.</td>
<td></td>
<td>City of Seguin</td>
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<td>Tom Hornseth, P.E.</td>
<td></td>
<td>Comal County</td>
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<tr>
<td>David Dimaline</td>
<td></td>
<td>Greater Bexar County Council of Cities</td>
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<tr>
<td>Clay Forister, P.E., CFM</td>
<td></td>
<td>Guadalupe County</td>
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<tr>
<td>John Anderson</td>
<td></td>
<td>Joint Base San Antonio</td>
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<tr>
<td>Jeff Carroll, P.E.</td>
<td></td>
<td>Kendall County Area</td>
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<tr>
<td>Robert Hanley, AIA</td>
<td></td>
<td>MPO Active Transportation Advisory Cmte</td>
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<td>J.D. Simpson</td>
<td></td>
<td>MPO Active Transportation Advisory Cmte</td>
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<tr>
<td>Jesse Valdez, Jr.</td>
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<td>Northeast Partnership</td>
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<tr>
<td>Nicholas Wingerter</td>
<td></td>
<td>Private Transportation Providers</td>
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<tr>
<td>Clayton Ripps, P.E.</td>
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<td>Texas Department of Transportation</td>
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<tr>
<td>Arturo Herrera</td>
<td></td>
<td>VIA Metropolitan Transit</td>
</tr>
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</table>

* Chair
** Vice Chair
2. Citizens to be Heard

Citizens to be Heard will be allowed up to three (3) minutes each to address the Technical Advisory Committee under this agenda item. All speakers must state their names and any organizations they represent.
3. Approval of the October 7, 2022 Meeting Minutes

Issue

The October 7, 2022 meeting minutes are presented for the committee’s review and consideration.

Action Requested

A motion to approve the October 7, 2022 meeting minutes.
1. Roll Call

Members Present:
Bianca Thorpe Advanced Transportation District
Lyle Hufstetler (alt) Alamo Area Council of Governments
David Wegmann, P.E. (alt) Alamo Regional Mobility Authority
Jesse Garcia, P.E. (alt) Bexar County
Garry Ford, P.E. City of New Braunfels
Jacob Floyd, AICP City of San Antonio
Joshua Jaeschke (alt) City of San Antonio
Marc Jacobson, P.E. City of San Antonio
Michael Sharp (alt) City of Seguin
Tom Hornseth, P.E. Comal County
Joel Hicks (alt) Guadalupe County
Jeff Carroll, P.E. Kendall County Geographic Area
Robert Hanley, AIA MPO Active Transportation Advisory Committee
Jesse Valdez, Jr., P.E. Northeast Partnership
Nicholas Wingerter Private Transportation Providers
Clayton Ripps, P.E. Texas Department of Transportation
Arturo Herrera VIA Metropolitan Transit

Members Absent:
David Dimaline Greater Bexar County Council of Cities
John Anderson Joint Base San Antonio
J.D. Simpson MPO Active Transportation Advisory Committee

Others Present:
Clifton Hall Alamo Area Metropolitan Planning Organization
Sonia Jimenez Alamo Area Metropolitan Planning Organization
Sid Martinez Alamo Area Metropolitan Planning Organization
Lauren Simcic (alt) City of New Braunfels
Venessa Garza (alt) City of San Antonio
Margarita Hernandez City of San Antonio
Melissa Reynolds City of Seguin
Barbara Maley Federal Highway Administration
Ivonne De La Cruz Texas Department of Transportation
John Gianotti, Presenter Texas Department of Transportation
Briglia Gonzalez Texas Department of Transportation
Mark Mosley, P.E. (alt) Texas Department of Transportation
Patricia Franco (alt) VIA Metropolitan Transit

Chair Garry Ford called the meeting to order at 1:31 p.m.

2. Citizens to be Heard

There were none.
3. Approval of the September 9, 2022 Meeting Minutes

Nick Wingerter moved and Joel Hicks seconded to approve the September 9, 2022 meeting minutes. The motion passed unanimously.

4. Update on TxDOT’s Transportation Systems Management and Operations (TSMO) – TxDOT/Gianotti

For discussion and information only.

5. Discussion and Appropriate Action on AAMPO’s 2023 Transportation Conformity Document – AAMPO/Hall

For discussion and information only.

6. Discussion and Appropriate Action Possible Revisions to AAMPO Policy 3: Guidelines for Programming Projects in the Transportation Improvement Plan (TIP) and Metropolitan Transportation Program (MTP) – AAMPO/Martinez

Tom Hornseth moved and Marc Jacobson seconded to recommend to the Transportation Policy Board approval of the revisions to AAMPO Policy 3. The motion passed unanimously.

7. Announcements

There being no further business, the meeting was adjourned at 2:22 p.m.

Garry Ford, P.E., Chair
Technical Advisory Board
4. Update on the Great Springs Project (GSP), the Bicycle and Pedestrian Trail System Proposed to Connect the San Antonio and Austin Areas – GSP (Merritt)

Purpose

The purpose of this agenda item is to provide the committee with information related to the continued planning for the Great Springs Project.

Issue

Great Springs Project (GSP), the bicycle and pedestrian trail system proposed to connect the San Antonio and Austin areas, continues to move forward with planning. The project envisions a greenway of contiguous protected lands over the Edwards Aquifer Recharge Zone. The ultimate goal is to have a complete trail system, that traverses the San Antonio Springs, Comal Springs, San Marcos Springs, and Barton Springs, by Texas’s Bicentennial in 2036.

The non-profit works closely with Alamo Area organizations to support trail projects, parks initiatives, and major roadway redesigns to further connect the region’s robust trails network. GSP looks at trails and active transportation opportunities holistically to align efforts between various governmental and non-profit entities. The project is included in AAMPO’s locally-approved Metropolitan Transportation Plan, Mobility 2050. For more information on the organization, the effort, or to subscribe to updates, please visit https://greatspringsproject.org/.

Action Requested

This agenda item is for informational purposes only – no action is being requested.
5. Discussion and Appropriate Action on AAMPO’s 2023 Transportation Conformity Document – AAMPO (Hall)

Purpose

The purpose of this agenda item is to provide the committee with information and to get a recommendation to approve the new 2023 Transportation Conformity Document.

Issue

In June 2022, AAMPO’s Technical Advisory Committee (TAC) and Transportation Policy Board (TPB) approved AAMPO’s Metropolitan Transportation Plan (Mobility 2050), Transportation Improvement Program (TIP), and the 2023 Transportation Conformity Document (TCD). The 2023 Transportation Conformity Document is being revised to include two tests for meeting transportation conformity requirements. The first test is the “baseline year” test. This test is passed when emissions from the proposed transportation system (Bexar County only for AAMPO area) are either less than or not greater than the baseline year (2017). The second test is the “build/no build” test. This test is considered an interim emissions test and is used when there is no approved emissions budget for a given area. It is a project level conformity test and to pass it, the test must demonstrate emissions from implementing projects (from the MTP and TIP) is less than or equal to the emissions in the same future analysis year from the existing transportation system (no build). The two tests are required when an area is designated Moderate (or worse) non-attainment. Bexar County was redesignated as Moderate for air quality non-attainment effective on November 7, 2022. Over the next several months, AAMPO will work with the Interagency Consultative Partners (FHWA, EPA, TCEQ, and TxDOT) to establish an emissions budget in a State Implementation Plan (SIP).

It is important to note the projects included in Mobility 2050 and the FY 23-26 TIP have not changed. The consultative partners have been advised and provided guidance to AAMPO on the revisions and the effort to conduct this second test. They have informed AAMPO the new Transportation Conformity Determination will not significantly (if at all) slow down review time to approve all three documents (MTP, TIP, and TCD). AAMPO will continue to work with FHWA and TxDOT to prevent projects, programmed in FY 2023, from experiencing delays.

This item was presented for informational purposes in October. Action to approve and recommend approval to the TPB will be sought at this TAC meeting.

Action Requested

Motion to approve, and recommend for Transportation Policy Board approval, the revised 2023 Transportation Conformity Determination document.
Transportation Improvement Program (TIP)
Funded transportation projects for next four years; *updated every two years*; Fiscal Year 2023-2026
TIP locally – approved June 27, 2022.

Metropolitan Transportation Plan (MTP)
Transportation goals, strategies, and future projects for 20+ years; *updated every four years*;
Mobility 2050 locally-approved June 27, 2022.

Transportation Conformity Determination (TCD)
Evaluates future transportation projects to ensure no further harm to air quality; approved through government agency consultation process; locally-approved (with test #1) June 27, 2022 – *update scheduled for local approval December 12, 2022.*
Bexar County Nonattainment Timeline

- **September 24, 2018:** Bexar County originally designated *Marginal* nonattainment.

- **September 24, 2021:** Deadline to achieve air quality attainment (i.e. attainment date).

- **April 13, 2022:** US EPA proposes action to reclassify Bexar County from *Marginal* to *Moderate* nonattainment status.

- **October 7, 2022:** US EPA publishes final rule reclassifying Bexar County to *Moderate* nonattainment, effective November 7, 2022.

- **September 24, 2024:** new attainment date under *Moderate* classification.
**Bexar County Design Value (2000-2021)**

- **San Antonio NW C23**
- **Camp Bullis C58**
- **Calaveras Lake C59**

**Design Value:** The fourth-highest eight-hour average ozone concentration averaged over a consecutive three-year period.

**NAAQS:** National Ambient Air Quality Standards

**ppb:** parts per billion

Source: Texas Commission on Environmental Quality

Visit [www.alamoareampo.org](http://www.alamoareampo.org) for more information.
## Current Bexar Co. Design Value 2020-2022

<table>
<thead>
<tr>
<th>Location</th>
<th>2020</th>
<th>2021</th>
<th>2022&lt;sub&gt;YTD&lt;/sub&gt;</th>
<th>Current DV</th>
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<tbody>
<tr>
<td><strong>Camp Bullis C58</strong></td>
<td>74</td>
<td>78</td>
<td>75</td>
<td><strong>75</strong></td>
</tr>
<tr>
<td><strong>San Antonio Northwest C23</strong></td>
<td>69</td>
<td>70</td>
<td>76</td>
<td>71</td>
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<tr>
<td><strong>Calaveras Lake C59</strong></td>
<td>66</td>
<td>66</td>
<td>70</td>
<td>67</td>
</tr>
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</table>

Source: TCEQ
Ozone Sources in Bexar County

Ozone Production

- **Bexar County**: 39%
- **Other States, Countries, Regions**: 31%
- **Outside of AQ Model Area**: 10%
- **Other Texas Regions**: 20%

Source: AACOG Photochemical Model, 2018
Ozone Sources in Bexar County

Ozone Production

- Bexar County: 31%
- Other States, Countries, Regions: 10%
- Outside of AQ Model Area: 20%
- Other Texas Regions: 39%

Local Contributors

- Point: 16%
- Area: 2%
- Mobile: 30%
- Nonroad: 12%
- Offroad: 10%
- Other: 10%

Source: AACOG Photochemical Model, 2018
Moderate Nonattainment Requirements

• Develop **Motor Vehicle Emissions Budget (MVEB)** as a baseline for future emissions modelling

• Develop **Inspections and Maintenance (I/M) program**
  – Alamo Area Council of Governments (AACOG) and Texas Commission on Environmental Quality (TCEQ)
  – Smog testing during motorists’ annual state inspections
  – Inspection tests ranges from $11.50 to $18.50 per vehicle

• TCEQ has approximately two years to amend the **Statewide Implementation Plan (SIP)** for air quality to include the MVEB for and I/M Program for Bexar County
Moderate Nonattainment Requirements

• Complete an additional interim emissions test comparing the existing and committed transportation system (no-build) to what’s proposed in the TIP and MTP (build).
  
  o Initially, test did not demonstrate conformity

  o several “off-model” Congestion Mitigation and Air Quality (CMAQ) projects were factored into the analysis to meet conformity requirements
### Bexar County “Action-Baseline” Results

**Test #1 Criteria:** Emissions modeled for analysis years must be **at or below** 2017 baseline year

<table>
<thead>
<tr>
<th>Year</th>
<th>NO\textsubscript{x}</th>
<th>VOC</th>
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</thead>
<tbody>
<tr>
<td>2017</td>
<td>35.38</td>
<td>22.49</td>
</tr>
<tr>
<td>2025</td>
<td>14.61</td>
<td>12.30</td>
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<td>2035</td>
<td>9.04</td>
<td>8.38</td>
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<tr>
<td>2045</td>
<td>8.73</td>
<td>8.01</td>
</tr>
<tr>
<td>2050</td>
<td>9.29</td>
<td>8.38</td>
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</table>

Source: Texas A&M Transportation Institute analysis using MOVES2014b (September 2022)

**NO\textsubscript{x}:** Nitrogen Oxides  
**VOCs:** Volatile Organic Compounds
Bexar County “Action-Baseline” Results

Source: Texas A&M Transportation Institute analysis using MOVES2014b (September 2022)

\[\text{NO}_x: \text{Nitrogen Oxides} \]
\[\text{VOCs: Volatile Organic Compounds} \]
Bexar County “Build v. No-Build” Results

Test #2 Criteria: Emissions modeled for “build” scenario must be below “no-build” for each analysis year.

<table>
<thead>
<tr>
<th>Year</th>
<th>NO\textsubscript{x}</th>
<th>VOC</th>
<th>NO\textsubscript{x}</th>
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<tr>
<td>2017</td>
<td>35.38</td>
<td>22.49</td>
<td>N/A</td>
<td>N/A</td>
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<td>2025</td>
<td>14.61</td>
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<td>2045</td>
<td>8.73</td>
<td>8.01</td>
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<td>2050</td>
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<td>8.40</td>
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Source: Texas A&M Transportation Institute analysis using MOVES2014b (September 2022)

NO\textsubscript{x}: Nitrogen Oxides
VOCs: Volatile Organic Compounds
Bexar County “Build v. No-Build” Results

Source: Texas A&M Transportation Institute analysis using MOVES2014b (September 2022)

**NOx**: Nitrogen Oxides  
**VOCs**: Volatile Organic Compounds
“Off-Model” Emissions Reductions

• By statute, certain projects and programs must be included in the “No-Build” scenario
  • Existing facilities, services, and activities
  • Transportation Demand Management (Alamo Commutes) and Transportation System Management and Operations (HERO)
  • Regionally significant projects:
    a) Under construction
    b) Undergoing right of way acquisition
    c) Listed in first year of previously conforming TIP or MTP
    d) Successfully completed the National Environmental Policy Act (NEPA) process

• FY23-26 TIP Congestion Mitigation and Air Quality (CMAQ) projects can be used to demonstrate conformity, if they are not modelled and not included in the “No-Build” scenario.

Source: Code of Federal Regulations § 93.119
### “Off-Model” Emissions Reductions

#### Table: Reduction Needed vs. CMAQ Reduction

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<th>Year</th>
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<th>VOC</th>
<th>NO\textsubscript{x}</th>
<th>VOC</th>
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<td>By 2025</td>
<td>20</td>
<td>20</td>
<td>187</td>
<td>78</td>
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<tr>
<td>2035</td>
<td>80</td>
<td>20</td>
<td>216</td>
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<td>80</td>
<td>0</td>
<td>216</td>
<td>83</td>
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</table>

* Emissions reductions are in lbs./day in this table.

Source: AAMPO CMAQ Projects in FY23-26 TIP

\textbf{NO\textsubscript{x}:} Nitrogen Oxides  
\textbf{VOCs:} Volatile Organic Compounds
“Build v. No-Build” w/ CMAQ Benefits

<table>
<thead>
<tr>
<th>Analysis Years</th>
<th>NOx Build</th>
<th>NOx No-Build</th>
<th>VOC Build</th>
<th>VOC No-Build</th>
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<td>9.18</td>
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<td>8.4</td>
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</table>

Source: Texas A&M Transportation Institute analysis using MOVES2014b (September 2022)

NOX: Nitrogen Oxides
VOCs: Volatile Organic Compounds

www.alamoareampo.org
2023 Transportation Conformity Webpage

AAMPO is inviting feedback on its draft 2023 Transportation Conformity Document beginning October 30, 2022 through December 1, 2022. Additional information has been added to the document addressing additional requirements for Moderate nonattainment areas. The version of the document originally approved by the Transportation Policy Board on June 27, 2022 addressed only requirements for Marginal nonattainment. Response to public comments will be incorporated into the draft document. The AAMPO Transportation Policy Board will consider the 2023 Transportation Conformity Document for approval at the December 12, 2022 meeting.

AAMPO will host a public meeting Tuesday, November 15, 2022 at 6 p.m., at TxDOT San Antonio District Headquarters, Building 2 Training Room, located at 4615 NW Loop 410, 78229. A presentation will be followed by an opportunity for public comment.

Official forms of comment are:

1. At the public meeting on Tuesday, November 15, 2022 at 6 p.m. at TxDOT San Antonio District Headquarters, Building 2 Training Room, located at 4615 NW Loop 410, 78229.
2. Online at www.alamoareampo.org/airquality/conformity
3. By email to Clifton Halil, clifton.halil@alamoareampo.org
4. By mail to the Alamo Area MPO: 825 South Saint Mary's Street, San Antonio, TX 78205
5. At the Transportation Policy Board meeting during Citizens to be Heard on Monday December 12, 2022.

Social media is NOT an official form of comment for this process.

2023 Transportation Conformity Document

- Conformity Document (Updated 10/17/2022)
- FHWA Conformity Concurrence Letter - Pending
- EPA Conformity Concurrence Letter - Pending
- TCEQ Conformity Concurrence Letter - Pending
- Conformity Determination - (Pending date of approval)

Appendices

12.1 - Resolution
12.2 - Mobility 2050 (Locally Approved on 6/27/2022; Pending Federal Approval)
12.3 - 2023-2025 Transportation Improvement Program (Locally Approved on 6/27/2022; Pending Federal Approval)
12.4 - Travel Model Validation (Updated on 10/17/2022)
12.5 - VMT, Loaded Speed, and Centerline Mile Summaries (Updated 10/17/2022)
12.6 - Definition of Regionally Significant Roadway System (Updated 5/18/2022)
12.7 - Roadway System (Capacity, Impacts, and Network Link Listing - Build No-Build) (Updated 10/3/2022)
12.8 - Network Warehouse (zip) (Updated 10/17/2022)
12.9 - Modal Choice Model Summaries (Updated 10/17/2022)
12.10 - MOVES Information and Analysis Notes (Updated 10/17/2022)
12.11 - MOVES Input and Output Files (zip) (Updated 10/17/2022)
12.12 - MOVES Emission Factors (zip) (Updated 10/17/2022)
12.13 - Estimated Met Area Emissions and Activity (zip) (Updated 10/17/2022)
12.14 - VMT, Speed, and Emissions Summaries (zip) (Updated 10/17/2022)
12.15 - Interagency Consultation Process (Updated 5/6/2022)
12.16 - Public Involvement Process

https://www.alamoareampo.org/AirQuality/conformity/
## 2023 Transportation Conformity Schedule

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Updated TCD posted on AAMPO website</td>
<td>October 14, 2022</td>
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<tr>
<td>Public Comment Period Opens</td>
<td>October 30, 2022</td>
</tr>
<tr>
<td><strong>Public Meeting</strong></td>
<td>November 15, 2022</td>
</tr>
<tr>
<td>Public Comment Period Closes</td>
<td>December 1, 2022</td>
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<tr>
<td><strong>Technical Advisory Committee Action</strong>*</td>
<td>December 2, 2022</td>
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<tr>
<td><strong>Transportation Policy Board Action</strong>*</td>
<td>December 12, 2022</td>
</tr>
<tr>
<td>Joint FHWA-FTA Conformity Determination</td>
<td>Early 2023 (Tentative)</td>
</tr>
</tbody>
</table>

*Opportunity for public comment as “citizen-to-be-heard”*
Questions?

Clifton L. Hall
Transportation Planning Program Manager
hall@alamoareampo.org | 210-230-6929
6. Discussion and Appropriate Action on the FY 2024 Unified Transportation Program Project Scoring and Prioritization – AAMPO (Jiménez)

Purpose

The purpose of this agenda item is to review the draft FY 2023 Unified Transportation Program (UTP) project scoring and prioritization project process.

Issue

The UTP is TxDOT’s ten-year planning document that is updated and approved annually by the Texas Transportation Commission. The UTP authorizes highway and other projects for construction, development, and planning. The UTP is a critical tool in guiding transportation project development within the long-range planning context. However, it is not a budget or a guarantee that projects will or can be built.

While all Tier 1 and Tier 2 projects were funded in the FY 2023 TxDOT UTP, many of these same projects were only partially-funded. These funding gaps have been created as a result of unprecedented inflation and the need to deauthorize funds from one project to fully fund another project that is ready to let (go to construction). Therefore, the AAMPO UTP project rankings were developed based on historic analysis and regional need with some input from the TxDOT San Antonio District.

The project rankings and presentation are attached.

Action Requested

For information and discussion only. Action is scheduled for January 2023.
<table>
<thead>
<tr>
<th>Roadway</th>
<th>Limits From</th>
<th>To</th>
<th>Project Type</th>
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</table>

**Tier 1:** TxDOT FY 2023 Unified Transportation Program - Not fully funded

**Tier 2:** Top 100 Highest Congestion Texas Clear Lanes Corridors

**Tier 3:** Statewide Initiative (Other Top 100 and I-10E Corridor)

**Tier 4:** Other Regional Priorities

Colors:
- **Orange** – Projects Divided Up
- **Green** – Projects Partially Funded in FY 2023 UTP
- **Yellow** – New Projects
WHEREAS, pursuant to federal law, the Governor of the State of Texas designated the Alamo Area Metropolitan Planning Organization (AAMPO) as the Metropolitan Planning Organization for the San Antonio region; and

WHEREAS, AAMPO’s Transportation Policy Board is the entity for cooperative decision-making regarding regional transportation issues in Bexar, Comal, and Guadalupe Counties and a portion of Kendall County; and

WHEREAS, the Texas Department of Transportation (TxDOT) is a valuable partner in planning for and implementing the region’s mobility needs; and

WHEREAS, TxDOT’s Unified Transportation Program (UTP) is a 10-year planning guide for transportation project development and construction that is updated annually; and

WHEREAS, the 2024 UTP includes projects funded using Category 2 Metro Corridor Projects, Category 4 Statewide Connectivity Corridor Projects, and Category 12 Strategic Priority and Clear Lanes Projects; and

WHEREAS, TxDOT’s Transportation Planning and Programming Division has requested MPOs and TxDOT Districts collaboratively score and rank Category 2, 4 and 12 projects that are proposed for consideration in the 2024 UTP; and

WHEREAS, the projects shown in the attached list:
  - are consistent with previously identified priorities
  - have been technically scored and ranked
  - are included in the AAMPO’s conforming Transportation Improvement Program and/or Metropolitan Transportation Plan; and
  - have been supported through the AAMPO’s public involvement process

NOW, THEREFORE BE IT RESOLVED that the Alamo Area Metropolitan Planning Organization’s Transportation Policy Board approves the ranking of projects in the attached list.

PASSED AND APPROVED this 23rd day of January 2023.

Kevin Webb, Chair
Alamo Area Metropolitan Planning Organization
FY 2024
Unified Transportation Program
Project Scoring and Prioritization

Technical Advisory Committee
December 2, 2022

AAMPO
• The Unified Transportation Program (UTP)
  ➢ 10-year planning document
  ➢ Developed annually
  ➢ Approved by the Texas Transportation Commission
  ➢ Authorizes highway and other projects for construction, development and planning
  ➢ Critical tool in guiding transportation project development within the long-range planning context
  ➢ Neither a budget nor a guarantee that projects will or can be built
FY 2024
Unified Transportation Program

STATEWIDE LONG-RANGE TRANSPORTATION PLAN
24 YEARS

METROPOLITAN TRANSPORTATION PLANS
20 YEARS

UNIFIED TRANSPORTATION PROGRAM
10 YEARS

PROJECT DEVELOPMENT
4 YEARS
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

LETTING SCHEDULE
2 YEARS
• All 12 TxDOT funding categories are included in the UTP

• AAMPO project prioritization list includes projects funded primarily through:
  – Category 2 Metro Corridor
  – Category 4 Connectivity
  – Category 12 Commission Strategic Funding/Clear Lanes
• Added Capacity Projects
• Operational Projects
• Expressway and Arterial Projects
1. Existing FY 2023 UTP Projects

2. Top 100 Congested Corridors (I-35, Loop 1604, SH 16)

3. Statewide Initiative (Other Top 100 Congested Corridors and I-10 East)

4. Other Regional Priorities
FY 2024 Project Revisions

- I-35 from Loop 410S to Loop 410N – Divided into three projects
- Loop 1604 from Redland Rd to I-35 – Divided into two projects
- SH 16 (Bandera Rd) added to Tier 2: Top 100 Congested Corridors
- SH 46 added to Tier 4: Other Regional Priorities
**FY 2024 Project Rankings**

**Tier 1 and 2**

All Tier 1 and Tier 2 projects were funded in the FY 2023 UTP – not all were fully funded. Partially funded remain in the Tier 1 list (Rank 4, 6-10).

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<thead>
<tr>
<th>Roadway</th>
<th>Limits From</th>
<th>To</th>
<th>Project Type</th>
<th>Rank</th>
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Tier 1: TxDOT FY 2023 Unified Transportation Program - Not fully funded

Tier 2: Top 100 Highest Congestion Texas Clear Lanes Corridors
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Tier 3: Statewide Initiative (Other Top 100 and I-10E Corridor)

Tier 4: Other Regional Priorities
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- have been supported through the AAMPO’s public involvement process

NOW, THEREFORE BE IT RESOLVED that the Alamo Area Metropolitan Planning Organization’s Transportation Policy Board approves the ranking of projects in the attached list.

PASSED AND APPROVED this 23rd day of January 2023.

Kevin Webb, Chair
Alamo Area Metropolitan Planning Organization
Next Steps

- December 12, 2022 - TPB Presentation
- January 6, 2023 - TAC Action
- January 23, 2022 - TPB Action
- January 31, 2022 – Deadline to Transmit to TxDOT
- August 2023 - Transportation Commission Adoption
7. Discussion and Appropriate Action on Safety Performance Measures and 2023 Target Setting – AAMPO (Hall)

Purpose

The purpose of this agenda item is to receive a presentation on the region’s safety performance targets for 2023.

Issue

The U.S. Department (USDOT) has implemented several roadway-related performance requirements created under MAP-21 and the FAST Act. Statewide targets are set by the Texas Department of Transportation. For the AAMPO region, the Transportation Policy Board is required to set the safety target annually.

By reporting targets in the Metropolitan Transportation Plan and Transportation Improvement Program, performance measures can inform planning and funding decisions in pursuit of regional and national goals.

The presentation is attached.

Action Requested

For information and discussion only. Action is scheduled for January 2023.
Overview

• Target-Setting Process
• Trend Data
• 2023 Texas Safety Targets
• Information today - action scheduled January 2023.
Target Setting Process
# Federal Performance Measure Target Dates

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<td>Infrastructure (PM2)</td>
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<tr>
<td>System Performance (PM3)</td>
<td>6 measures</td>
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- **Safety (PM1)**: 5 measures, targets updated every two years by DOTs and MPOs.
- **Infrastructure (PM2)**: 6 measures, targets updated every two years by DOTs and MPOs.
- **System Performance (PM3)**: 6 measures, targets updated every two years by DOTs and MPOs.

## Targets are updated

- **Annually by transit providers**
- **Annually by DOTs and MPOs**
- **Every two years by DOTs and MPOs**

**December 2017**

**February 2018**

**December 2018**

## Providers

- **FTA**
- **FHWA**

.getSource()
Five Federal Safety Performance Measures

1. Number of Fatalities
2. Rate of Fatalities
3. Number of Serious Injuries
4. Rate of Serious Injuries
5. Number of Non-motorized Fatalities and Serious Injuries
Data Sources for PM1 - Safety

- Fatality Analysis Reporting System (FARS)[NHTSA]: Fatalities (2010-2017)

- Crash Record Information System (CRIS)[TxDOT]: Fatalities (2018-2022), Serious Injuries (2010-2022)

- AAMPO Travel Demand Model: Vehicle Miles Travelled

- Texas Highway Safety Plan (HSP) FY 2023: Statewide Targets
In May of 2019, the Texas Transportation Commission (TTC) adopted Minute Order 115481, directing TxDOT to work toward the goal of reducing the number of deaths on Texas roadways by half by the year 2035 and to zero by the year 2050.

The calculations for the fatality goal was developed by using the following formula:

\[
\frac{FY2019 \text{ CRIS Fatalities}}{2050 - \text{current year}}
\]

FY2019 CRIS Fatalities = year the Road to Zero direction was adopted
Trends in Texas and the AAMPO region
Number of Fatalities (2010-2022)

**2022 Statewide Target**
Reduce expected rise by 2.0% to ≤ 3,563 fatalities

**2022 Statewide Actual**
*On Target* (*as of 11/1/2022*)

**2023 Statewide Target**
Reduce fatalities by half (approximately 1,869)
# Number of Fatalities per AAMPO County (2017-2022)

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<tbody>
<tr>
<td>Bexar</td>
<td>164</td>
<td>181</td>
<td>180</td>
<td>196</td>
<td>239</td>
<td>202</td>
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<tr>
<td>Comal</td>
<td>16</td>
<td>13</td>
<td>20</td>
<td>21</td>
<td>21</td>
<td>15</td>
</tr>
<tr>
<td>Guadalupe</td>
<td>19</td>
<td>23</td>
<td>15</td>
<td>16</td>
<td>21</td>
<td>17</td>
</tr>
<tr>
<td>Kendall</td>
<td>4</td>
<td>1</td>
<td>10</td>
<td>7</td>
<td>13</td>
<td>5</td>
</tr>
</tbody>
</table>

*Data as of November 1, 2022.

![Bar Chart](chart.png)

- **Bexar**
- **Comal**
- **Guadalupe**
- **Kendall**
Rate of Fatalities (2010-2022)

2022 Statewide Target
Reduce expected rise by 2.0% to ≤ 1.4 fatalities per 100 MVMT

2022 Statewide Actual*
*as of 11/1/2022
On Target

2023 Statewide Target
Reduce expected rise by 2.0% to ≤ 1.38 fatalities per 100 MVMT
Number of Serious Injuries (2010-2022)

2022 Statewide Target
Reduce expected rise by 2.0% to ≤ 16,485 serious injuries

2022 Statewide Actual*
*as of 11/1/2022

2023 Statewide Target
Reduce expected rise by 2.0% to ≤ 17,062 serious injuries

www.alamoareampo.org
Number of Serious Injuries per AAMPO County (2017-2022)

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
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<tbody>
<tr>
<td>Bexar</td>
<td>1,158</td>
<td>775</td>
<td>828</td>
<td>652</td>
<td>832</td>
<td>696</td>
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<tr>
<td>Comal</td>
<td>99</td>
<td>86</td>
<td>94</td>
<td>87</td>
<td>143</td>
<td>120</td>
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<tr>
<td>Guadalupe</td>
<td>116</td>
<td>122</td>
<td>102</td>
<td>97</td>
<td>116</td>
<td>100</td>
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<tr>
<td>Kendall</td>
<td>39</td>
<td>27</td>
<td>26</td>
<td>17</td>
<td>28</td>
<td>25</td>
</tr>
</tbody>
</table>

*Only accounting for 2022 up to November 1, 2022.*
Rate of Serious Injuries (2010-2022)

On Target

*as of 11/1/2022

Decrease rate of serious injuries to ≤ 6.11 SIs per 100 MVMT

Decrease rate of serious injuries to ≤ 6.39 SIs per 100 MVMT

2022 Statewide Target

2022 Statewide Actual*

On Target

(*as of 11/1/2022)

2023 Statewide Target

Decrease rate of serious injuries to ≤ 6.39 SIs per 100 MVMT

Texas

AAMPO


AAMPO

2022 Statewide Actual*

2023 Statewide Target

2022 Statewide Target

www.alamoareampo.org

Decrease rate of serious injuries to ≤ 6.11 SIs per 100 MVMT
Number of Non-Motorized Fatalities & Serious Injuries (2010-2022)

2022 Statewide Target
Reduce expected rise by 2.0% to ≤ 2,310 non-motorized fatalities and serious injuries

2022 Statewide Actual*
On Target
(*as of 11/1/2022)

2023 Statewide Target
Reduce expected rise by 2.0% to ≤ 2,357 non-motorized fatalities and serious injuries

Texas

www.alamoareampo.org
Data Sources for PM1 - Safety

- Fatality Analysis Reporting System (FARS) [NHTSA]: Fatalities (2010-2017)
- Crash Record Information System (CRIS) [TxDOT]: Fatalities (2018-2022), Serious Injuries (2010-2022)
- AAMPO Travel Demand Model: Vehicle Miles Travelled
- Texas Highway Safety Plan (HSP) FY 2023: Statewide Targets
AAMPO Crash Stats Dashboard
www.alamoareampo.org/crashstats/

AAMPO iMap featuring Crash Data
www.alamoareampo.org/imap/
**Staff Recommendation**

- Staff Recommendation: *support 2023 statewide targets* and 2050 zero deaths goal
- ATAC approved Staff Recommendation November 2022
- TAC and TPB scheduled for **action January 2023**
- PM1: Safety Targets are revisited *annually*

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>State Target for 2023</th>
<th>AAMPO 2023 Draft Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Fatalities</td>
<td>3,682</td>
<td>322</td>
</tr>
<tr>
<td>Rate of Fatalities</td>
<td>1.38</td>
<td>1.62</td>
</tr>
<tr>
<td>Number of Serious Injuries</td>
<td>17,062</td>
<td>1,518</td>
</tr>
<tr>
<td>Rate of Serious Injuries</td>
<td>6.39</td>
<td>6.99</td>
</tr>
<tr>
<td>Number of Non-Motorized Fatalities &amp; Serious Injuries</td>
<td>2,357</td>
<td>348</td>
</tr>
</tbody>
</table>
Questions?

Clifton Hall
Transportation Planning Program Manager
Hall@AlamoAreaMPO.org | (210) 230-6929
8. Discussion and Appropriate Action on Roadway and Transit Amendments to the Metropolitan Transportation Plan and FY 2023-2026 Transportation Improvement Program – AAMPO (Hall)

Purpose

The purpose of this agenda item is to request amendments to the Metropolitan Transportation Plan (MTP) and the FY 2023-2026 Transportation Improvement Plan (TIP).

Issue

TxDOT amends the Statewide Transportation Improvement Program (STIP) on a quarterly basis. The STIP entries and amendments, for the Alamo Area, are identical to the current AAMPO TIP. AAMPO’s amendment process allows for amendments to be presented to the TAC and Transportation Policy Board for approval and timely inclusion in the STIP. The amendments are also used to revise AAMPO’s TIP and MTP concurrently.

The proposed amendments are attached. A presentation will be provided at the meeting.

Action Requested

For information and discussion only. Action is scheduled for January 2023.
Roadway Amendments to the Metropolitan Transportation Plan (MTP) and the Transportation Improvement Program (TIP)

Technical Advisory Committee
December 2, 2022
Unified Planning Work Program (UPWP): MPO staff budget and regional planning studies over a two-year timeframe; FY 2022-2023 UPWP approved in June 2021.

Transportation Improvement Program (TIP) Funded transportation projects for next four years; updated every two years; Fiscal Year 2023-2026 TIP locally – approved June 27, 2022.

Metropolitan Transportation Plan (MTP) Transportation goals, strategies, and future projects for 20+ years; updated every four years; Mobility 2050 locally-approved June 27, 2022.

Transportation Conformity Determination (TCD) Evaluates future transportation projects to ensure no further harm to air quality; locally-approved (with test #1) June 27, 2022 – update scheduled for TPB Action December 12, 2022.
In accordance with AAMPO policy, amendments to the
*Long Range Transportation Plan (MTP)*
and the
*Short Range Transportation Plan (TIP)*
*normally* occur in a two-step process with
presentation one month and
action the following month
• **Policy 3** allows information and approval in same month with 75% vote of TPB quorum

• One-step process intended to accommodate state, federal, and local **deadlines**

• **Action** must be emphasized in TPB meeting agenda 10 days prior to approval; **special public hearing** held within TPB meeting
• Approval of FY 23-26 Statewide Transportation Improvement Program (STIP) was delayed.

• Numerous amendments will be sought through the one-step process in January in time for the February 2023 STIP revision
  – TxDOT has several priority projects they are seeking to strategically advance in early 2023
  – Cost Increase Work Group will recommend to TPB Executive Committee that submitted requests for FY23-24 projects be funded via February STIP revision
### ALAMO AREA METROPOLITAN PLANNING ORGANIZATION

#### FY 2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM

##### SECOND QUARTER 2023 AMENDMENTS

<table>
<thead>
<tr>
<th>TxDOT District</th>
<th>County</th>
<th>CSJ</th>
<th>Hwy</th>
<th>Phase</th>
<th>City</th>
<th>Project Sponsor</th>
<th>MPO Proj ID No.</th>
<th>Year of Expenditure Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 - San Antonio</td>
<td>Comal</td>
<td>0915-17-077</td>
<td>Various</td>
<td>C</td>
<td>New Braunfels</td>
<td>CoNB</td>
<td>9158.0</td>
<td>$1,558,000</td>
</tr>
</tbody>
</table>

**Limits From:** In New Braunfels from Walnut Avenue
**Limits To:** Landa Street

**Description:** Construct Concrete Shared use Path Along Dry Comal Creek with Separated Crossings Under Railroad and Landa Street.

**Remarks:** None

**Revision:** 2nd Qtr 23 - revise limits

### Total Project Cost Information (TxDOT %):

- Preliminary Engineering: $78,000
- ROW Purchase: $0
- Construction Cost: $1,558,000
- Construction Engineering: $156,000
- Contingencies: $156,000
- Indirect Costs: $0
- Other Field: $0
- Total Project Cost: $1,948,000

### Cost of Approved Phases:

- $1,558,000

### Type of Work:

- Bicycle/Pedestrian: N/A

### Authorized Funding by Category/Share:

<table>
<thead>
<tr>
<th>Federal</th>
<th>State</th>
<th>Local</th>
<th>Local Contribution</th>
<th>Total</th>
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<tbody>
<tr>
<td>$1,246,400</td>
<td>$0</td>
<td>$311,600</td>
<td>$0</td>
<td>$1,558,000</td>
</tr>
</tbody>
</table>

- CMP Score: $0

Information only – 1 amendment to reflect updated limits
Questions?

Information only
Action scheduled as One Step next month

Clifton L. Hall
Transportation Planning Program Manager
Alamo Area Metropolitan Planning Organization
210-230-6929 (Direct)
hall@alamoareampo.org
9. Announcements
   
a. AAMPO’s General Planning Consultant Services Selection Committee is recommending the HDR team to be considered for approval by the Transportation Policy Board at the December 12, 2022 meeting.

b. The Project Cost Increase Work Group met on Tuesday, November 29, 2022 to review applications. The group will make recommendations, for projects to receive additional Surface Transportation Block Grant (STBG) funds, to the Transportation Policy Board in early 2023.

c. AAMPO offices will be closed Monday, December 26, 2022 in observation of Christmas and Monday, January 2, 2022 in observation of the New Year’s Day holiday.

d. Other