Memphis Urban Area Metropolitan Planning Organization (MPO)
Engineering and Technical Committee
Thursday, September 12, 2019 11:00 AM
UT Health Science Center – Student Alumni Building
800 Madison Avenue - Memphis, Tennessee

Note: Please fill out a comment card and return it to an MPO staff member located at the Sign-In Table to be given the opportunity to speak on any of the agenda items. Comment cards must be returned before the agenda item is brought to the floor. You will be given up to two minutes to provide your comments.

1) Call to Order

2) Approval of July 25, 2019 Minutes ⇐ ACTION

3) Memphis MPO’s Administrator’s Report
   a) FY 2019 Annual Listing Obligated Projects
   b) TDOT CMAQ - Call for Projects

4) 2020 Memphis MPO Calendar ⇐ ACTION

5) Livability 2050 Regional Transportation Plan (RTP), FY 2020-23 Transportation Improvement Program (TIP) and associated Air Quality Conformity Demonstration Reports for Shelby and DeSoto Counties Adoption
   (Documents available on the Memphis MPO website: 2050 RTP & FY 2020-23 TIP) ⇐ PRESENTATION + ACTION

6) Memphis, TN-MS-AR Transportation Management Area (TMA) Planning Certification Review ⇐ PRESENTATION

7) Other Business
   a) Next Scheduled ETC Meeting: February 6, 2020 1:30 pm, Location: UT Health Science Center

8) Adjourn
Ms. Pragati Srivastava called the meeting to order at 11:05 AM. In addition to Ms. Srivastava the following voting members were present at the meeting:

Gary Scruggs  
Bennie Hopkins  
Willie Davidson Jr.  
Shea Skeen  
Patrick Neal  
Darren Sanders  
Rick McClanahan  
Tim Gwaltney  
Stephen Edwards  
Jason Dixon  

TDOT  
DeSoto County  
Horn Lake  
Southaven  
Piperton  
Shelby County  
Bartlett  
Germantown  
Memphis  
Millington  
Perry Brown  
Keith Briley  
B J Page  
Christopher Pate  
Kevin Eason  
Steve Hill  
Frank McPhail  
Emily Harrell  
Randall Tatum  
James Hay  

MDOT  
Hernando  
Olive Branch  
Oakland  
Shelby County  
Arlington  
Collierville  
Lakeland  
Memphis  
MSCAA

The following Ex-officio members were present:

Eddie Brawley  
West Memphis MPO

The following Interested Individuals were present:

Peter Kauffmann  
Greg Dotson  
Douglas Dietz  
James Collins  
Kamillah Kelly  
Sonja Owens  
Jennifer Marshall  

Barge Design Solutions  
Barge Design Solutions  
Ensafe  
Kimley-Horn  
MAAG - WTRPO  
SCHD  
TDOT  

Barge Design Solutions  
Buchart Horn  
Kimley-Horn  
Kimley-Horn  
MDOT  
SSR-INC  
Shelby County

The following MPO Staff members were present:

Mavrick Fitzgerald  
Kate Horton  
Connie Jordan  
Sajid Hossain  
Jordan Smith  
Nick Warren  
Zylavian Watley  
Jasmine Champion  
Cole Perry  
Alvan Sanchez

A quorum was present.
1) Call to Order @ 11:05 AM
Ms. Pragati Srivastava called the meeting to order at 11:05 AM.

2) Approval of May 16, 2019 Minutes
Mr. James Hay moved to approve the minutes as presented; Mr. Bennie Hopkins seconded the motion and the motion carried without dissent.

NO DISCUSSION/QUESTIONS

3) Memphis MPO’s Administrator’s Report
Ms. Pragati Srivastava gave an overview of the following items:
   a) Obligation Authority and Project Tracking
   b) Introduced: Ms. Jasmine Champion (Transportation Planner) and Mr. Cole Perry (MPO Intern)

DISCUSSION/QUESTIONS

Mr. Darren Sanders asked about the rescission’s impact on Shelby County’s Greenline project. Ms. Srivastava responded that MPO staff would follow-up with TDOT and check on this.

Mr. Frank McPhail asked who the local jurisdictions should contact at TDOT local programming with recent staff changes. Ms. Srivastava responded that MPO staff would follow-up with TDOT and check on this.

Mr. Rick McClanahan asked if MPO staff could share Ms. Kimery Grant’s contact information. Ms. Srivastava responded that MPO staff would follow-up and send Ms. Grant’s contact information.

4) FY 2020-21 Unified Planning Work Program (UPWP)
Mr. Darren Sanders moved to approve the FY 2020-21 Unified Planning Work Program (UPWP) as presented; Mr. James Hay seconded the motion and the motion carried without dissent.

NO DISCUSSION/QUESTIONS

5) Livability 2050 Regional Transportation Plan (RTP) & FY 2020-23 Transportation Improvement Program (TIP)
Ms. Allison Fluitt gave a presentation on the Livability 2050 RTP and the FY 2020-23 TIP.

NO DISCUSSION/QUESTIONS

6) Other Business
   i. Next Scheduled ETC Meeting: September 12, 2019, Location: UT Health Science Center, Time: TBD

Mr. B J Page said the current time for the same day meetings was difficult for him and he would like future meetings to be held on separate days or closer together in the day, if possible. Ms. Srivastava responded that this will be considered when setting future meetings.

7) Adjourn @ 11:40 AM
Mr. B J Page moved to adjourn; Mr. Keith Briley seconded the motion, and the meeting was adjourned at 11:40 AM.

Note: The meeting minutes are a summary of the meeting. If you would like to review the tape recording of the entire meeting you may do so by scheduling an appointment with Kate Horton, Transportation Planner at (901) 636-7218.
## Memphis Urban Area Metropolitan Planning Organization (MPO) 2020 Meeting Calendar

### January
```
<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>1</strong></td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>5</strong></td>
<td></td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>16</strong></td>
<td>17</td>
<td>18</td>
<td>19</td>
<td><strong>20</strong></td>
<td>21</td>
<td>22</td>
</tr>
<tr>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
</tr>
<tr>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

### February
```
<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>2</td>
<td>3</td>
<td>4</td>
<td></td>
<td><strong>5</strong></td>
<td>6</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td><strong>12</strong></td>
<td>13</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td><strong>19</strong></td>
<td>20</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td><strong>26</strong></td>
<td>27</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

### March
```
<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>2</td>
<td>3</td>
<td>4</td>
<td><strong>5</strong></td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
</tr>
<tr>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

### April
```
<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>2</td>
<td>3</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
</tr>
</tbody>
</table>
```

### May
```
<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td><strong>2</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td><strong>7</strong></td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
</tr>
<tr>
<td>24</td>
<td>25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>31</strong></td>
</tr>
</tbody>
</table>
```

### June
```
<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

### July
```
<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>2</td>
<td>3</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
</tr>
</tbody>
</table>
```

### August
```
<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
</tr>
<tr>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td>29</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

### September
```
<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
</tr>
<tr>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
</tr>
<tr>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

### October
```
<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>2</td>
<td>3</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
</tr>
<tr>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
</tr>
</tbody>
</table>
```

### November
```
<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>2</td>
<td>3</td>
<td>4</td>
<td><strong>5</strong></td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>8</td>
<td>9</td>
<td>10</td>
<td><strong>11</strong></td>
<td>12</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td><strong>19</strong></td>
<td>20</td>
<td>21</td>
</tr>
<tr>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td><strong>26</strong></td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td>29</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

### December
```
<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
</tr>
<tr>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td><strong>24</strong></td>
<td><strong>25</strong></td>
<td>26</td>
</tr>
<tr>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

**Meeting Location & Time**: UT Health Science Center, Student Alumni Building, 800 Madison Avenue, Memphis, 38103 (1:30 pm)

*Meeting dates and locations are subject to cancellation or modification, please be sure to visit the MPO’s Calendar for the latest information.*
Livability 2050: RTP and FY 2020-23 TIP Planning Themes

During the development of the Livability 2050: Regional Transportation Plan (RTP), planning themes were developed and priorities from the local jurisdictions and the public were identified. These planning themes and priorities helped shape the TIP and its criteria.

How does the funding breakdown for the FY 2020-23 TIP?

TENNESSEE
$645,319,145

MISSISSIPPI
$211,637,856

What are the next steps to implement the Livability: 2050 RTP & FY 2020-23 TIP?

FEDERAL AGENCIES
FHWA and FTA in coordination with the EPA will make an air quality conformity determination.

STATE/MPO STAFF
TDOT, MDOT, and MPO Staff will continue to track project progress and coordinate to move projects forward.

LOCAL AGENCIES
Local agencies that were awarded funding can begin the contract process to initiate projects in the TIP.
September 6, 2019
404 BNA Drive, Suite 508
Nashville, Tennessee 37217
Phone (615) 781-5770

232 Peachtree St. N.W., Suite 1400
Atlanta, Georgia 30303
Phone (404) 855-5600

In Reply Refer To:
HPD-TN

Mayor Jim Strickland
Chair, Transportation Policy Board
Memphis Urban Area Metropolitan Planning Organization
125 North Main St., Suite 450
Memphis, TN 38103

Subject: Memphis Transportation Management Area Federal Certification Review

Dear Mayor Strickland:

The Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) have completed the Federal Certification Review of the metropolitan transportation planning process for the Memphis Transportation Management Area (TMA). Based on this review, the FHWA and FTA jointly certify the metropolitan transportation planning process through September 6, 2023.

The Review was conducted in accordance with Title 23 Code of Federal Regulations (CFR) 450.336(b), which provides the FHWA and FTA the joint responsibility and authority to determine the degree to which the metropolitan transportation planning process in each TMA, an urbanized area with a population over 200,000 people, meets the planning requirements in Titles 23 and 49 of the United States Code (U.S.C.) and Titles 23 and 49 CFR. Per Federal regulations, this review occurs no less than once every four years.

The final Certification Review Report is enclosed and documents the observations, commendations, and recommendations FHWA and FTA identified during the Certification Review. FHWA and FTA did not find any corrective actions.

For any questions regarding the Federal Certification Review, please contact Elizabeth Watkins, Transportation Planning Specialist, FHWA Tennessee Division at (615) 781-5775 or Andres Ramirez, General Engineer, FTA Region IV at (404) 865-5611.
Sincerely,

Dr. Yvette G. Taylor  
Regional Administrator  
FTA Region IV

Pamela M. Kordenbrock  
Division Administrator  
FHWA TN Division

Enclosure

cc: Memphis Urban Area MPO Transportation Policy Board Members  
Ms. Sabrina David, Assistant Division Administrator, FHWA TN Division  
Ms. Theresa Claxton, Program Development Team Leader, FHWA TN Division  
Ms. Elizabeth Watkins, Transportation Planning Specialist, FHWA TN Division  
Mr. Keith Melton, Director of Planning and Program Development, FTA Region IV  
Mr. Andres Ramirez, General Engineer, FTA Region IV  
Mr. Larry McGoogin, Director of Long Range Planning, TDOT  
Ms. Suzanne Carlson, Director of Multimodal Transportation Resources, TDOT  
Mr. Kwabena (KB) Aboagye, OCT Planning Manager, TDOT  
Ms. Nancy Hirsch, Senior Regional Planner, TDOT  
Mr. Calvin Abram, OCT Region 4 Planning Supervisor, TDOT  
Ms. Cynthia Howard, Title VI Director, TDOT  
Ms. Pragati Srivastava, Administrator, Memphis Urban Area MPO  
Mr. Gary Rosenfeld, Chief Executive Officer, MATA  
Mr. John Lancaster, Director of Planning and Scheduling, MATA  
Mr. Perry Brown, Transportation Planner, MDOT  
Mr. Eddie Brawley, Director, West Memphis MPO  
Ms. Shundreka Givan, Project Development Team Leader, FHWA-MS  
Ms. Dianna Myers, Environmental Scientist, EPA Region IV
1.0 EXECUTIVE SUMMARY

On September 6, 2019, the Federal Highway Administration (FHWA) Tennessee Division and the Federal Transit Administration (FTA) Region IV issued the certification review report of the transportation planning process for the Memphis Urban Area Metropolitan Planning Organization (MPO) which serves the Tennessee and Mississippi portions of the Memphis, TN-MS-AR urbanized area (TMA). The West Memphis MPO serves the Arkansas portion of the Memphis, TN-MS-AR TMA. Individual TMA certification reports were completed for the two MPOs. Both reviews occurred on similar timelines with a focus on collaboration and coordination in the tri-state TMA. Staff of both MPOs were present at the two individual site visits.

In the Memphis MPO portion of the urbanized area, the Tennessee Department of Transportation (TDOT) and Mississippi Department of Transportation (MDOT) are the responsible State agencies and Memphis Area Transit Authority (MATA) is the responsible public transportation operator. Current membership of the Memphis Urban Area MPO consists of elected officials, officials of public agencies, public transportation representation, and state officials from the political jurisdictions in the Tennessee and Mississippi portions of the Memphis urbanized area.

1.1 Previous Findings and Disposition

The previous certification review for the Memphis Urban Area MPO was conducted in October 2015. This certification identified 18 commendations and 19 recommendations. The 2015 Certification Review findings and their disposition are provided in Appendix C.

1.2 Recent Activities

The MPO undertook several significant activities and meaningful accomplishments since the last Federal Certification Review in October 2015. Since that time, the MPO has received the following awards and accolades:
<table>
<thead>
<tr>
<th>Year</th>
<th>Award/Recognition</th>
<th>Awarding/Recognizing Entity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>National Award for Excellence in MPO Coordination and Partnership</td>
<td>Association of Metropolitan Planning Organizations (AMPO)</td>
<td>AMPO awarded the Memphis MPO the National Award for Excellence in MPO Coordination and Partnership for strong collaborative projects and practices, such as the Coordinated Public Transit-Human Services Transportation Plan, Regional Freight Plan and Congestion Mitigation and Air Quality Improvement Program (CMAQ) tri-state Performance Targets.</td>
</tr>
<tr>
<td>2017</td>
<td>Transportation Planning Excellence Awards (TPEA)</td>
<td>FHWA</td>
<td>The Coordinated Public Transit-Human Services Transportation Plan established a process to address the transportation needs of disadvantaged populations covering the tri-state area. This extensive and cooperative effort was named as one of the ten winners of the 2017 TPEA.</td>
</tr>
<tr>
<td>2017</td>
<td>Transportation Planning Capacity Building (TPCB) Case Study</td>
<td>FHWA and FTA</td>
<td>The MPO’s public involvement efforts for the Livability 2040: RTP were recognized as a Case Study by FHWA’s &amp; FTA’s TPCB Program. Strategies highlighted include the Livability YouTube Video Series and Public Transit Advertisements, as unique ways of reaching a larger and broader range of residents.</td>
</tr>
</tbody>
</table>
Partners from across the Nation have requested the Memphis MPO to share their experiences in delivering the metropolitan transportation process. Below is a selection of events and reports where the MPO has contributed to the state of the planning practice:

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
<th>Topic(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>FHWA Peer Exchange</td>
<td>Safety</td>
</tr>
<tr>
<td>2018</td>
<td>Tennessee Chapter of the American Planning Association Conference</td>
<td>Automated Vehicles</td>
</tr>
<tr>
<td>2017</td>
<td>Arkansas Transportation Planning Conference</td>
<td>Bus Stop Design &amp; Accessibility Guidelines</td>
</tr>
<tr>
<td>2017</td>
<td>American Traffic Safety Services Association</td>
<td>Bicycle Safety</td>
</tr>
<tr>
<td>2017</td>
<td>AMPO National Conference</td>
<td>Active Transportation, Regional Freight Plan, Public Involvement</td>
</tr>
<tr>
<td>2016</td>
<td>FHWA Mid-South Megaregions Conference</td>
<td>Regional Freight Plan</td>
</tr>
<tr>
<td>2015</td>
<td>EDC3 Regional Models of Cooperation Webinar</td>
<td>Air Quality Planning</td>
</tr>
</tbody>
</table>

In addition to these awards and events, the MPO achieved a variety of accomplishments since October 2015, including, but not limited to:

- Adopted the following Plans:
  - 2040 Livability Regional Transportation Plan
  - FY2017-2020 Transportation Improvement Program
  - Tri-State Greater Memphis Regional Freight Plan
  - Tri-State Coordinated Public Transit Human Services Plan
  - Title VI Report & Limited English Proficiency Plan
  - CMAQ Performance Plan with Tri-State CMAQ targets
- Established a robust online presence with narrated videos, active social media accounts, interactive maps, etc.
- Developed State of the MPO Reports to document regional trends, outreach activities, significant milestones, and future projects in the next calendar year.
1.3 Summary of Current Findings

The current review found that the metropolitan transportation planning process conducted in the Tennessee and Mississippi portion of the Memphis urbanized area meets Federal planning requirements.

As a result of this review, FHWA and FTA are certifying the transportation planning process conducted by Tennessee Department of Transportation (TDOT), Mississippi Department of Transportation (MDOT), Memphis Urban Area Metropolitan Planning Organization (MPO) and Memphis Area Transit Authority (MATA). There are several commendations throughout this report to acknowledge successful practices, as well as, recommendations that should be strongly considered and that support continued enhancement of the planning process in this region.

Summary of Commendations

- **Agreements, Consultation, and Coordination**: The MPO consistently executes a high level of coordination in carrying out the metropolitan transportation planning process. As a bi-state MPO serving a tri-state TMA, the Memphis MPO proactively coordinates with multiple State Departments of Transportation (DOTs), additional State agencies, the West Memphis MPO, the Memphis Area Transit Authority, regional and local agencies, and the public. Through this coordination, the MPO has led regional tri-state planning efforts that exceed the minimum requirement of planning for the bi-state metropolitan planning area.

- **Transportation Improvement Program**: The MPO actively supports project delivery and timely obligation of sub-allocated STBG funds by maintaining and sharing project status information handouts, strategically programming funds based on project status/obligations data, and participating in Tennessee and Mississippi project tracking meetings. The Memphis MPO area has seen a reduction in the amount of unobligated sub-allocated STBG funds from the use of these monitoring and reprogramming tools and open communication with members about project status.

- **Public Participation**: The MPO utilizes a data-driven approach to public engagement by documenting engagement metrics (i.e., web analytics, social media presence, and media appearances) in the annual State of the MPO Report which informs future public involvement strategies. The MPO is commended for leveraging in-house expertise to translate Plan summaries into Spanish and utilizing innovative outreach methods such as bus advertisements, visualization-focused fact sheets, and videos.
• **Safety:** In 2015, FHWA identified Memphis as a Pedestrian-Bicycle Focus City due to high nonmotorized fatalities. The MPO is commended for developing a Regional Bicycle and Pedestrian Plan and subsequent Bicycle and Pedestrian Reports which informed their prioritization of bike and pedestrian investments in the TIP and RTP. This report documents and supports an increase the number of bicycle and pedestrian projects funded in their area.

• **Performance Based Planning and Programming:** The MPO is commended for their technology-driven approach and coordination strategy in establishing tri-State CMAQ performance measures and development of the CMAQ Performance Plan.

**Summary of Recommendations**

• **Metropolitan Transportation Plan:** The MPO should consider advancing and integrating PEL linkages principles in future RTP updates and corridor/feasibility studies. Specifically, study documenting and analyzing the proposed project’s purpose and need, range of reasonable alternatives, effects analysis, and applicable mitigation strategies.

• **Metropolitan Transportation Plan:** The MPO should consider participating in the micro-simulation transportation demand model pilot to allow for the regional model to be used at the corridor scale. This approach would maximize utility of the regional model for project analyses and reduce the risk for inconsistencies in model projections at the project level. This effort also would support PEL initiatives.

• **Congestion Management Process:** In the next CMP update, the MPO should closely follow FHWA’s Congestion Management Process Guidebook and engage FHWA, TDOT and MDOT staff to identify opportunity areas which support enhanced application of the CMP.

• **Performance Based Planning and Programming:** The MPO should continue coordinating with MATA, TDOT, and MDOT to verify that the TIP and MTP includes the anticipated effects towards achieving the PM1, PM2, PM3, and Transit Asset Management targets set by the MPO. Additionally, the MTP must continue to include the system performance report which evaluates the performance and condition of the transportation system with respect to the performance measures and targets.

Details of the certification findings for each of the above items are contained in this report.