U.S. Department of Transportation
Federal Highway Administration

Tennessee Division

404 BNA Drive, Suite 508
Nashville, Tennessee 37217
Phone (615) 781-5770

April 5, 2011

In Reply Refer To:
HPP-TN

Ms. Teresa Estes
Tennessee Department of Transportation
Program Development and Administration
James K. Polk Building, Suite 600
Nashville, TN 37243

Subject: Statewide Transportation Improvement Program Amendment 34

Dear Ms. Estes:

The Federal Highway Administration has reviewed your electronic submittal of the March 28, 2011 request of concurrence with Amendment 34 to the Statewide Transportation Improvement Program (STIP) for the Memphis Metropolitan Planning Organization. The Federal Highway Administration concurs with the project changes to the FY 2011-2014 STIP as listed below:

| TIP Number | Action | Project/Termini | FY/Phase | Funding Source | Programmed Federal Funds |
|---|---|---|---|---|---|
| CMAQ-2004-01 | Add funds | Coordinated Signal System Year 3 | FY11 CN | CMAQ-M | $2,500,000 |

If you have any questions regarding this approval, please call me at (615) 781-5792.

Sincerely,

Britta Stein
Planning & Air Quality Specialist

cc: Ms. Elizabeth Martin, Community Planner, FTA Region 4
Mr. Paul Morris, Transportation Planning Coordinator, Memphis TPO
Ms. Angela Midgett, MPO Program Manager, TDOT

**STATE OF TENNESSEE**
**DEPARTMENT OF TRANSPORTATION**
Local Programs Development Office
Suite 600, James K. Polk Building
Nashville, Tennessee 37243-0341
Voice: 615-741-5314 FAX: 615-741-9673
Find Information for Local Governments at http://www.tdot.state.tn.us/local/
Email: teresa.estes@tn.gov

March 28, 2011

Ms. Britta Stein
FHWA TN Division
404 BNA Drive
Building 200, Ste. 508
Nashville, Tennessee 37217

Re: FY 2011-14 TIP Amendments for Memphis Area MPO

Dear Ms. Stein:

We are requesting approval of the attached Amendment 34 to the Tennessee State's Transportation Improvement Program. I have attached an amendment package which includes amendments to the Memphis TIP.

The following information is included:

1. A checklist indicating that all requirements for amendments were met. This checklist is based on submitted assurances from the Memphis Metropolitan Planning Organization. TDOT Local Programs office is in concurrence with the amendments to the STIP.

2. A letter from the MPO stating that the changes leave the plan financially constrained. We have independently verified these figures and agree with this statement.

3. A resolution, properly signed by the TIP Chairman of the MPO Executive Board.

4. An Air Quality Conformity Report.

5. Individual project sheets for each amended project.

6. Funding and expenditure summary sheets.

The Memphis MPO has provided documentation that the public involvement process was followed and this amendment leaves the TIP financially constrained.

Based on a review of the attached material, we believe that the MPO has followed appropriate procedures and met all requirements necessary to permit approval of this amendment and request your concurrence with this assessment.

I trust this information is sufficient to allow approval of the presented amendments. If we need to provide any additional information please contact Larry McGoogin at 615-532-3160 or Larry.McGoogin@tn.gov.

Sincerely,

Teresa Estes
Transportation Coordinator

TE/lrm

cc: Paul Morris, Memphis MPO
Pragati Srivastava, Memphis MPO

# Memphis and Shelby County
## Division of Planning & Development

**1075 MULLINS STATION RD, MEMPHIS, TENNESSEE 38134-7795**
**Tel: (901) 379-7840 Fax: (901) 379-7865**

Mark H. Luttrell, Jr.
Mayor, Shelby County

A C Wharton, Jr.
Mayor, City of Memphis


March 24, 2011

Ms. Teresa Estes
James K. Polk Building
505 Deaderick Street
Nashville, TN 37243

Dear Ms. Estes:

The Memphis MPO Transportation Policy Board (TPB) met on March 24, 2011 to amend the 2011-2014 Transportation Improvement Program (TIP) and affirm that the amended TIP is a subset of the 2030 Long Range Transportation Plan (LRTP). The TIP amendment(s) attached was made available for public comment on March 11, 2011 and was subject to all required public participation requirements set forth in the Memphis Public Participation Plan (PPP).

The MPO has determined that the amendment of these projects will not result in the loss of any funding or the increase of any expenses, therefore the 2011-2014 TIP remains fiscally constrained.

The formal public participation process began with the publication of a ten (10) day public notice. Public hearings were conducted at the TPB meeting. **No public comments were received at the public hearings or during the public comment period.**

The MPO has conducted interagency consultation on the air quality impacts of this proposed 2011-14 TIP amendment(s) and the IAC members concurred that the Amendment(s) conform to the federal clean air guidelines.

The attached resolution outlines the findings of the Memphis MPO TPB in taking this action on the 2011-2014 TIP. These findings demonstrate that the TIP is a subset of the 2030 LRTP and that the air quality conformity determination to be made on the LRTP applies to the TIP (40 CFR 93.122). It is therefore the request of the Memphis MPO that the TIP be amended into the State of Tennessee Statewide Transportation Improvement Plan.

Sincerely,

Paul Morris, Interim Administrator
Memphis MPO

# Memphis and Shelby County
## Division of Planning & Development

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**Tel: (901) 379-7840 Fax: (901) 379-7865**

Mark H. Luttrell, Jr.
Mayor, Shelby County

A C Wharton, Jr.
Mayor, City of Memphis

**Date:** **March 24, 2011**

**Subject:** **Completeness Determination –Amendment to the Memphis Urban Area 2011-2014 Transportation Improvement Program (TIP)**

**From:** **Paul Morris, Interim Administrator**
**Memphis MPO**

The Memphis MPO has determined that the requested TIP amendment(s) (attached) is complete. After review the following determinations were made:

1) The amendment(s) is consistent with the MPO Board adopted Long-Range Transportation Plan (LRTP). Such amendments further the goals of the LRTP by providing for the expeditious completion of all projects while also providing additional clarity for those projects that are the subject of the amendments.

2) Funding Sources are listed below with each project.

3) Other – The amendment(s) and reaffirmation demonstrate the 2011-2014 TIP is a subset of the Board adopted 2030 LRTP.

Inter-agency Consultation
The proposed amendment(s) required, inter-agency consultation was done via email on February 23, 2011, and via conference call on March 8, 2011

Dates and Locations of Consideration of Amendment(s)
Engineering and Technical Committee 1:30 PM, Thursday, March 10, 2011 –
Training Room, 1075 Mullins Station Road, Memphis, TN 38134

MPO Transportation Policy Board 1:30 PM, Thursday, March 24, 2011 –
Central Station Board Room, 545 S. Main St., Memphis, TN 38103

Date for Publication of Public Notice
March 14, 2011

Copy of the TIP Page(s) for the Amendment(s) and Demonstration of Existing Fiscal Constraint
The TIP amendment resolution is attached. Individual TIP project pages have been included in the complete TIP document. The MPO has determined that the amendment of this project into the TIP will not result in the loss of any funding or the increase of any expenses; therefore the 2011-2014 TIP remains fiscally constrained.

# Memphis and Shelby County
## Division of Planning & Development

**1075 MULLINS STATION RD, MEMPHIS, TENNESSEE 38134-7795**
**Tel: (901) 379-7840 Fax: (901) 379-7865**

Mark H. Luttrell, Jr.
Mayor, Shelby County

A C Wharton, Jr.
Mayor, City of Memphis

**Date:** **March 24, 2011**

**Subject:** **Conformity Report –Amendment(s) to the Memphis Urban Area 2011-2014 Transportation Improvement Program (TIP)**

**From:** **Paul Morris, Interim Administrator**
**Memphis MPO**

This report was prepared to document how air quality conformity issues associated with the attached amendment(s) to the 2011-2014 Memphis Urban Area Transportation Improvement Program (TIP) were addressed.

This report provides the information needed to address the Transportation Conformity Checklist provided to the MPO by FHWA to aid in their review of TIP amendments. The TIP, as amended, this report, and attachments to this report should be used to document compliance.

The 2011-2014 TIP, as amended, conforms to the State Implementation Plan (SIP), the transportation Conformity Regulations, the Statewide and Metropolitan Planning Regulations and all other applicable Federal and state requirements.

The TIP, as amended, is a subset of the adopted 2030 Long-Range Transportation Plan (LRTP) and the conformity determination made on that plan also applies to the TIP, as amended.

The requirements of 40 CFR 93.122 (e) state that a TIP may rely on a previous regional emissions analysis for a plan if that analysis also applies to the TIP. This requires a demonstration that:

(i) The TIP contains all projects, which must be started in the TIP's timeframe in order to achieve the highway and transit system envisioned by the transportation plan;

(ii) All TIP projects which are regionally significant are included in the transportation plan with design concept and scope adequate to determine their contribution to the transportation plan's regional emissions at the time of the transportation plan's conformity determination; and

(iii) The design concept and scope of each regionally significant project in the TIP is not significantly different from that described in the transportation plan.

The amendment(s) listed here meet all three of these requirements.

The Memphis MPO Transportation Policy Board (TPB) adopted this amendment(s) at its meeting on March 24, 2011 a copy of the Board resolution is attached. This Resolution also specifically finds that the amendment(s) and resulting TIP conform to the 2030 LRTP.

Inter-agency consultation was done on via email on February 23, 2011, and via conference call on March 8, 2011

The adopting Board Resolution found that the public participation process for amending the TIP followed the TPB adopted Public Involvement Plan. A notice was published in several regional newspapers of the proposed amendment's availability for public review and the time, date and location of a public hearing for each TIP amendment was listed. No public comment on the TIP amendment was received.

This TIP amendment(s) was developed according to the consultation procedures for the development of the appropriate SIP. The SIP, which creates the emissions budget for the TIP, has not changed, so the prior consultation procedures used for development remain sufficient and appropriate.

**A RESOLUTION**
**BY THE**
**TRANSPORTATION POLICY BOARD**
**OF THE**
**MEMPHIS URBAN AREA METROPOLITAN PLANNING ORGANIZATION**
**AMENDMENTS TO THE FY 2011 - 2014 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**RESOLUTION # 2011-03**

WHEREAS, The Memphis Urban Area Metropolitan Planning Organization (MPO) is the organization responsible for planning the creation of an efficient transportation system in the Memphis urban area and for the appropriate use of federal transportation funds in that area; and

WHEREAS, The FY 2011-2014 Transportation Improvement Program (TIP) was adopted by the Transportation Policy Board of the Memphis MPO on September 23, 2010 as the planning document which describes, among other goals, the projects that would receive funding for the federal fiscal years 2011 to 2014 to most efficiently meet the integrated transportation needs of the MPO area; and

WHEREAS, The Tennessee Department of Transportation (TDOT), the Mississippi Department of Transportation (MDOT) and the Federal Highway Administration and the Federal Transit Administration have reviewed said document; and

WHEREAS, The Memphis Urban Area MPO is requesting the amendment and/or adjustment of the attached project(s) be adopted and included in FY 2011-2014 TIP; and

WHEREAS, Notice of public availability of the proposed revisions to the TIP was published in the newspapers in the Memphis urban planning area as specified in the approved Public Involvement Plan for a period of ten (10) days prior to consideration by the Board to allow the public opportunity to review and comment on these revisions; and

WHEREAS, The Engineering and Technical Committee has reviewed the amendment(s), and have recommended said item(s) to the Transportation Policy Board; and

WHEREAS, The Transportation Policy Board has reviewed the amendment(s) and has considered the public comments received, (if any) and concurs with the recommendations of the ETC.

NOW, THEREFORE, BE IT RESOLVED, That the Transportation Policy Board of the Memphis Urban Area Metropolitan Planning Organization does hereby approve the amendment(s) to the FY 2011-2014 TIP as shown in the document attached hereto and does request that TDOT/MDOT include the amendments in the Statewide Transportation Improvement Program (STIP).

**Resolution duly passed on March 24, 2011**

**Mayor AC Wharton, Jr, Chairman**
**Memphis MPO Transportation Policy Board**

## *Exhibit I*

1) **TIP Amendment**⇐ACTION
   **Item Summary:** The City of Memphis is requesting to amend the 2011-14 TIP by adding a total of $2,500,000 of Congestion Mitigation and Air Quality (CMAQ) funds to the Coordinated Signal System Year 3 project. The funds are added to this project to correct the obligation transfer, which was not completed in FY2010. These funds are programmed for FY 2011 and they will be used for the construction phase of this project.

# SECTION E
# CONGESTION MITIGATION & AIR QUALITY PROJECTS

## Funding & Expenditures Fiscal Years 2011 - 2014

| Funding Sources | Fiscal Year 2011 | Fiscal Year 2012 | Fiscal Year 2013 | Fiscal Year 2014 | Total |
|---|---|---|---|---|---|
| Carry Over Funds (Federal CMAQ-M) | $9,445,000 | $0 | $0 | $0 | $9,445,000 |
| Annual CMAQ-M Federal Funds | $12,647,708 | $7,815,841 | $6,138,447 | $0 | $26,601,996 |
| Total Federal CMAQ-M Funds | $22,092,708 | $7,815,841 | $6,138,447 | $0 | $36,046,996 |
| CMAQ-M State Match | $0 | $0 | $0 | $0 | $0 |
| CMAQ-M Local Match | $647,750 | $47,750 | $47,750 | $0 | $743,250 |
| TOTAL FUNDING | $22,740,458 | $7,863,591 | $6,186,197 | $0 | $36,790,246 |
| TOTAL EXPENDITURE | $22,740,458 | $7,863,591 | $6,186,197 | $0 | $36,790,246 |
| BALANCE | $0 | $0 | $0 | $0 | $0 |

# SECTION E
# CONGESTION MITIGATION & AIR QUALITY PROJECTS

## Funding & Expenditures Fiscal Years 2011 - 2014

| Funding Sources | Fiscal Year 2011 | Fiscal Year 2012 | Fiscal Year 2013 | Fiscal Year 2014 | Total |
|---|---|---|---|---|---|
| Carry Over Funds (Federal CMAQ-M) | $9,445,000 | $0 | $0 | $0 | $9,445,000 |
| Annual CMAQ-M Federal Funds | $10,147,708 | $7,815,841 | $6,138,447 | $0 | $24,101,996 |
| Total Federal CMAQ-M Funds | $19,592,708 | $7,815,841 | $6,138,447 | $0 | $33,546,996 |
| CMAQ-M State Match | $0 | $0 | $0 | $0 | $0 |
| CMAQ-M Local Match | $647,750 | $47,750 | $47,750 | $0 | $743,250 |
| TOTAL FUNDING | $20,240,458 | $7,863,591 | $6,186,197 | $0 | $34,290,246 |
| TOTAL EXPENDITURE | $20,240,458 | $7,863,591 | $6,186,197 | $0 | $34,290,246 |
| BALANCE | $0 | $0 | $0 | $0 | $0 |

## New TIP Page

Amended 03-24-2011

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| TIP # | CMAQ-2008-03 | TDOT PIN # | 040714 | Horizon Year | NA | Lead Agency | Memphis |
| County | Shelby | Length | NA | LRTP # | NA | Conformity | Exempt |
| Project Name | Coordinated Signal System Year 1 | | | | | Total Cost | $2,422,089 |
| Termini/Intersection | Cleveland and Semmes | | | | | | |
| Project Description | Connect the traffic signals along this segment of Lamar Avenue with communication fiber to tie into a centralized control system. | | | | | | |

| Obligated Funds | Fiscal Year | Type of Work | Funding Type | Total Funds | Fed Funds | State Funds | Local Funds |
|---|---|---|---|---|---|---|---|
| | 2011 | CONST | CMAQ-M | $200,000 | $200,000 | | |

| | | | | | |
|---|---|---|---|---|---|
| Amendment # | | Adjustment # | | Remarks | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| TIP # | CMAQ-2004-01 | TDOT PIN # | 040723 | Horizon Year | NA | Lead Agency | Memphis |
| County | Shelby | Length | NA | LRTP # | NA | Conformity | Exempt |
| Project Name | Coordinated Signal System Year 3 | | | | | Total Cost | $13,093,889 |
| Termini/Intersection | Segments of Quince, Mt. Moriah, Mendenhall, Airways and Shelby. | | | | | | |
| Project Description | Connect the signals along these segments with communication fiber to tie into centralized control. | | | | | | |

| Obligated Funds | Fiscal Year | Type of Work | Funding Type | Total Funds | Fed Funds | State Funds | Local Funds |
|---|---|---|---|---|---|---|---|
| | 2011 | PE | CMAQ-M | $810,000 | $810,000 | | |
| | 2011 | CONST | CMAQ-M | $2,500,000 | $2,500,000 | | |
| | 2011 | CONST | CMAQ-M | $1,500,000 | $1,500,000 | | |
| | 2011 | CONST | CMAQ-M | $6,685,000 | $6,685,000 | | |

| | | | | | |
|---|---|---|---|---|---|
| Amendment # | | Adjustment # | | Remarks | |

## Old TIP Page

Amended 01-27-2011

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| TIP # | CMAQ-2008-03 | TDOT PIN # | 040714 | Horizon Year | NA | Lead Agency | Memphis |
| County | Shelby | Length | NA | LRTP # | NA | Conformity | Exempt |
| Project Name | Coordinated Signal System Year 1 | | | | | Total Cost | $2,422,089 |
| Termini/Intersection | Cleveland and Semmes | | | | | | |
| Project Description | Connect the traffic signals along this segment of Lamar Avenue with communication fiber to tie into a centralized control system. | | | | | | |

| Obligated Funds | Fiscal Year | Type of Work | Funding Type | Total Funds | Fed Funds | State Funds | Local Funds |
|---|---|---|---|---|---|---|---|
| | 2011 | CONST | CMAQ-M | $200,000 | $200,000 | | |

| | | | | | |
|---|---|---|---|---|---|
| Amendment # | | Adjustment # | | Remarks | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| TIP # | CMAQ-2004-01 | TDOT PIN # | 040723 | Horizon Year | NA | Lead Agency | Memphis |
| County | Shelby | Length | NA | LRTP # | NA | Conformity | Exempt |
| Project Name | Coordinated Signal System Year 3 | | | | | Total Cost | $13,093,889 |
| Termini/Intersection | Segments of Quince, Mt. Moriah, Mendenhall, Airways and Shelby. | | | | | | |
| Project Description | Connect the signals along these segments with communication fiber to tie into centralized control. | | | | | | |

| Obligated Funds | Fiscal Year | Type of Work | Funding Type | Total Funds | Fed Funds | State Funds | Local Funds |
|---|---|---|---|---|---|---|---|
| | 2011 | PE | CMAQ-M | $810,000 | $810,000 | | |
| | 2011 | CONST | CMAQ-M | $1,500,000 | $1,500,000 | | |
| | 2011 | CONST | CMAQ-M | $6,685,000 | $6,685,000 | | |

| | | | | | |
|---|---|---|---|---|---|
| Amendment # | | Adjustment # | | Remarks | |