FY 2013-2016 STIP

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

HOUSTON DISTRICT

November 2013 Quarterly Revision

HIGHWAY
MEMO
July 30, 2013

To: Lori Morel
Planner, TPP Division

Through: Peggy Thurlin, P.E.
Director, Systems Planning, TPP Division

From: Andrew Mao, P.E.
Director, HOU District Transportation Planning

Subject: 2013-2016 TIP Highway STIP Submittal, November 2013 Revision, Houston District

Please find attached for your information and further handling 2013-2016 Transportation Improvement Program (TIP) Amendments 41 and 47 for the Houston District. These amendments should be included in the November 2013 Statewide Transportation Improvement Program (STIP) Revisions. Note that amendments to the TIP also amend the Regional Transportation Plan (RTP). DCIS has been updated to reflect these changes. 2013-2016 TIP Amendments 44 and 45 are included for informational purposes.

Projects in these amendments are either exempt, or are included in the 2035 RTP Update and the resulting air quality conformity analysis.

Should you have questions regarding this matter, please contact Catherine McCreight at (713) 802-5812, or Pam Hasker at (713) 802-5307.

CC: Mike Alford, P.E.
Alan Clark (H-GAC)
James Koch, P.E.
Lori Morel (TPP)
Catherine McCreight
David Wurdlow (H-GAC)
Pam Hasker
October 29, 2013

Mr. James Koch, P.E.
Director of Transportation Planning & Development
Texas Department of Transportation – Houston District
P.O. Box 1386
Houston, Texas 77251-1386

Re: 2013-2016 Transportation Improvement Program (TIP) Highway Amendments for November 2013 STIP Revisions

Dear Mr. Koch:

Please find enclosed the Houston-Galveston Area Council’s (H-GAC) submittal of highway amendment for the November 2013 Statewide Transportation Improvement Program (STIP) Revision.

Please be aware that federal funds authorized from the Congestion Mitigation and Air Quality (CMAQ) and Surface Transportation – Metropolitan Mobility (STP-MM) programs represent a limiting amount. Any cost overruns on phases of work authorized in the TIP or costs incurred on phases of work not authorized in the TIP are the responsibility of the project sponsor. In no case should federal participation under the CMAQ and STP-MM programs be increased without express consultation with and approval from H-GAC.

This submittal reflects actions taken by the Transportation Policy Council at its September 27, 2013 and October 25, 2013 meeting and administrative actions taken pursuant to authorization granted by the Transportation Policy Council.

Included in this submittal are:

- Revised November 2013 Highway Financial Summary
- Revised STIP Highway Project Listing, November 2013 Revisions
- Highway Amendments Requiring STIP Revision:
  - Resolution No. 2013-23: Authorizes Amendment 41
  - Resolution No. 2013-24: Authorizes Amendment 47
- Revised STIP Highway Project Database, Updates
- Amendments Not Requiring STIP Revision (INFORMATION ONLY):
  - Administrative Amendments: 44 and 45

If you have any questions regarding this submittal, please contact me at (713) 993-4585.

Sincerely,

Alan C. Clark
MPO Director
AC/dw
Attachments
Cc: Mr. Michael Alford, TxDOT – Houston District
Cc: Mr. Andrew Mao, TxDOT – Houston District
Cc: Ms. Catherine McCreight, TxDOT – Houston District
Cc: Mr. Tucker Ferguson, TxDOT – Beaumont District
Cc: Mr. Phillip Lujan, TxDOT – Beaumont District
Cc: Mr. Travis Milner, TxDOT – East Region
## Funding by Category

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>FY 2013</th>
<th>FY 2014</th>
<th>FY 2015</th>
<th>FY 2016</th>
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## Funding Participation Source

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<td>$1,000,000</td>
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<td>$0</td>
<td>$1,000,000</td>
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| Total | $3,672,779,222 | $2,389,311,930 | $1,049,291,226 | $714,819,378 | $7,826,201,756 |

### Notes:
1. Category 7 includes approx. $30 million of no-charge items and construction letting under-run amounts not reconciled into TIP project funding amounts and/or UTP letting caps. Adjusting for these actual amounts would result in a STIP program balance for each fiscal year.
### FY 2014 (SEPT - AUG)

<table>
<thead>
<tr>
<th>DISTRICT</th>
<th>COUNTY</th>
<th>CSJ</th>
<th>HWY</th>
<th>PHASE</th>
<th>CITY</th>
<th>PROJECT SPONSOR</th>
<th>YOE COST</th>
</tr>
</thead>
<tbody>
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<td>HOUSTON</td>
<td>HARRIS</td>
<td>0912-72-046</td>
<td>CS</td>
<td>C</td>
<td>HOUSTON</td>
<td>CITY OF HOUSTON</td>
<td>$1,684,016</td>
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**STREET:** CAMBRIDGE ST  
**LIMITS FROM:** OLD SPANISH TRAIL ST  
**LIMITS TO:** HOLLY HALL ST  
**DESCRIPTION:** BASE REPAIR AND CONCRETE PANEL REPLACEMENT WITH REPAIR AND IMPROVEMENTS TO CURBS, ACCESS RAMPS, SIDEWALKS, UTILITY ACCESS AND PAVEMENT MARKINGS.  

#### Total Project Cost Information:
- **Preliminary Engineering:** $82,517  
- **Right Of Way:** $1,684,016  
- **Construction:** $1,010,041  
- **Construction Engineering:** $101,041  
- **Contingencies:** $168,402  
- **Indirects:** $85,548  
- **Bond Financing:** ---  
- **Total Project Cost:** $2,121,523

#### Authorize Funding by Category/Share:
- **7-STP-MM:**  
  - **Federal:** $1,347,213  
  - **State:** ---  
  - **Regional:** ---  
  - **Local:** $336,803  
  - **Local Contribution:** ---  
  - **Total Funding by Category:** $1,684,016

#### Project History:
Amendment #47 - 10/25/13 - Program Cat-7 STP-MM funds to replace lost FY 2005 Section-117 federal earmark funding.
## FY 2015 (SEPT - AUG)

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<th>COUNTY</th>
<th>CSJ</th>
<th>HWY</th>
<th>PHASE</th>
<th>CITY</th>
<th>PROJECT SPONSOR</th>
<th>YOE COST</th>
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### Total Project Cost Information:
- **Preliminary Engineering:** $3,082
- **Right Of Way:** --
- **Construction:** $62,905
- **Construction Engineering:** $5,661
- **Indirects:** $3,196
- **Total Project Cost:** $81,135

### Authorized Funding by Category/Share:
- **Federal:** $50,324
- **State:** ---
- **Regional:** ---
- **Local:** $12,581
- **Local Contribution:** ---
- **Funding by Category:** $62,905

### Project History:
Amendment #41 - 9/27/13 - Program 2012 TE Call for Projects awards.

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### INSTALL LED BRIDGE LIGHTING ON US 59 ARCH BRIDGES AND UPGRADE PEDESTRIAN LIGHTING

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<th>DISTRICT</th>
<th>COUNTY</th>
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<th>HWY</th>
<th>PHASE</th>
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<td>MONTROSE MANAGEMENT DISTRICT</td>
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### Total Project Cost Information:
- **Preliminary Engineering:** $87,495
- **Right Of Way:** --
- **Construction:** $1,785,619
- **Construction Engineering:** $107,137
- **Indirects:** $90,709
- **Total Project Cost:** $2,249,529

### Authorized Funding by Category/Share:
- **Federal:** $1,428,495
- **State:** ---
- **Regional:** ---
- **Local:** $357,124
- **Local Contribution:** ---
- **Funding by Category:** $1,785,619

### Project History:
Amendment #41 - 9/27/13 - Add 2012 TE Call for Projects awards.

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**PHASE:** C=CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER
<table>
<thead>
<tr>
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<td>CEDAR RD</td>
<td>LIMITS TO:</td>
<td>S OF JARBOE BAYOU</td>
<td>DESCRIPTION:</td>
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<td>Remarks:</td>
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<td>AND ASSOCIATED INFRASTRUCTURE</td>
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### Total Project Cost Information:
- Preliminary Engineering: ---
- Right Of Way: ---
- Construction: $1,332,637
- Contingencies: $133,264
- Indirects: $67,698
- Bond Financing: ---
- Total Project Cost: $1,533,599

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### Project History:

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### Total Project Cost Information:
- Preliminary Engineering: ---
- Right Of Way: ---
- Construction: $3,353,918
- Contingencies: $335,392
- Indirects: $170,379
- Bond Financing: ---
- Total Project Cost: $3,859,689

### Authorized Funding by Category/Share:

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### Project History:

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### Total Project Cost Information:
- Preliminary Engineering: ---
- Right Of Way: ---
- Construction: $4,430,724
- Contingencies: $443,072
- Indirects: $225,081
- Bond Financing: ---
- Total Project Cost: $5,098,877

### Authorized Funding by Category/Share:

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<tr>
<td>Local</td>
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<tr>
<td>Contribution</td>
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</table>

### Project History:
### Project: CONSTRUCT OLD KATY BIKEWAY (SHARED USE PATH)

- **District:** Houston
- **County:** Harris
- **Project Number:** 0912-72-301
- **Phase:** C
- **City:** Houston
- **Project Sponsor:** TXDOT Houston District
- **Cost:** $1,658,000

#### Project Details
- **Street:** Old Katy Bikeway
- **Limits From:** IH 10 W
- **Limits To:** Post Oak Rd N

#### Construction:
- **Total Project Cost Information:**
  - Construction: $1,658,000
  - Preliminary Engineering: $81,242
  - Construction Engineering: $99,480
  - Indirects: $84,226
  - Contingencies: $165,800
  - Bond Financing: $84,226
  - Total Project Cost: $2,088,748

#### Authorized Funding by Category/Share:
- **Federal:** $1,326,400
- **State:** $331,600
- **Regional:** ---
- **Local:** ---
- **Local Contribution:** ---
- **Total Funding by Category/Share:** $1,658,000

---

**Phase Terminology:**
- C = Construction, E = Engineering, R = ROW, T = Transfer
AMENDMENTS REQUIRING STIP REVISION
ADOPTING AMENDMENTS TO THE 2035 REGIONAL TRANSPORTATION PLAN UPDATE (RTP) AND THE 2013-2016 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA:

WHEREAS, the 2035 Regional Transportation Plan Update was adopted by the Transportation Policy Council on October 29, 2010; and

WHEREAS, the 2013-2016 Transportation Improvement Program for the Houston-Galveston Transportation Management Area was approved by the Transportation Policy Council on April 27, 2012; and

WHEREAS, the proposed revisions to the 2013–2016 Transportation Improvement Program are consistent with the 2035 Regional Transportation Plan Update and its existing finding of conformance with the State Implementation Plan for air quality; and

WHEREAS, the proposed revisions to the 2013–2016 Transportation Improvement Program are consistent with the federal fiscal constraint requirements established for the Transportation Improvement Program and are consistent with the financially constrained 2035 Regional Transportation Plan Update.

NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION POLICY COUNCIL (TPC) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA THAT THE 2035 REGIONAL TRANSPORTATION PLAN UPDATE AND THE 2013–2016 TRANSPORTATION IMPROVEMENT PROGRAM BE AMENDED TO REFLECT THE REVISIONS IDENTIFIED IN AMENDMENT 41, 42, 43.

BE IT FURTHER RESOLVED THAT FEDERAL FUNDS AUTHORIZED BY THE TPC FROM THE CONGESTION MITIGATION AND AIR QUALITY (CMAQ) AND SURFACE TRANSPORTATION – METROPOLITAN MOBILITY (STP-MM) PROGRAMS REPRESENT A LIMITING AMOUNT. ANY COST OVERRUNS ON PHASES OF WORK AUTHORIZED BY THE TPC OR COSTS INCURRED ON PHASES OF WORK NOT AUTHORIZED BY THE TPC SHALL BE THE RESPONSIBILITY OF THE PROJECT SPONSOR. IN NO CASE SHALL FEDERAL PARTICIPATION UNDER THE CMAQ AND STP-MM PROGRAMS BE INCREASED WITHOUT EXPRESS CONSULTATION WITH AND APPROVAL OF THE TPC.

PASSED AND APPROVED this 27th day of September 2013, at a regularly called meeting of the Transportation Policy Council.
TPC Agenda Item 6A
Mailout - 9/23/13

APPROVED:

[Signature]
Ed Emmett, Chairman
Transportation Policy Council

ATTEST:

[Signature]
Tom Reid, Secretary
Transportation Policy Council
Amendment #: 41

Amendment Type: ☒ TPC Action

STIP Revision Required?: YES

Projects Affected (MPOID (CSJ)):

16204 (0912-73-192)  ☒ 16205 (0912-72-301)  16206 (0912-70-105)  16208 (0912-70-103)  16209 (0912-70-104)
16210 (0912-73-191)

Purpose of Amendment:
Program additional Transportation Enhancement ('TE') project awards. Projects selected by the Transportation Policy Council (May 2013) and Texas Transportation Commission (July 2013) from eligible projects submitted under TxDOT's 2012 TE Program Call.

Financial Constraint Statement:
This amendment is consistent with fiscal constraint requirements.

Air Quality Conformity Statement:
Projects covered by this amendment are exempt from regional emissions analysis.

Attachments:

1. Summary of Proposed Changes

Approved By:

Alan Clark
MPO Director
Houston-Galveston Area Council

Date: 9/29/13

James Koch, P.E.
Director of Transportation Planning & Development
TxDOT, Houston District

Date: 9/27/13

Tom Reid
Secretary
Transportation Policy Council

Date:
### Amendment # 41
Program TPC- and Commission-selected 2012 Transportation Enhancements Program Call awards.

<table>
<thead>
<tr>
<th>Action</th>
<th>MPOID</th>
<th>CJ</th>
<th>Fiscal Year</th>
<th>Sponsor</th>
<th>Description</th>
<th>Funding</th>
<th>Proposed Changes</th>
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</thead>
<tbody>
<tr>
<td>Add</td>
<td>16208</td>
<td>0912-70-103</td>
<td>2016</td>
<td>CITY OF HOUSTON</td>
<td>Facility: MASON PARK PED/BIKE BRIDGE From: TIPPS ST AT EVERGREEN DR To: 75TH ST Description: CONSTRUCT PED/BIKE BRIDGE OVER BRAYS BAYOU AND ASSOCIATED INFRASTRUCTURE</td>
<td>Federal: $3,544,579 State: $0 Local: $886,145 Categories: 9-STP-ENH</td>
<td>Add to TIP. Selected by TPC.</td>
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<td>Add</td>
<td>16209</td>
<td>0912-70-104</td>
<td>2016</td>
<td>CITY OF HOUSTON</td>
<td>Facility: BRAYS BAYOU From: MACGREGOR PARK To: UNIVERSITY OF HOUSTON (WHEELER AVE) Description: CONSTRUCT UNIVERSITY CONNECTION BIKE/ PED PATH (SHARED USE PATH WITH BRIDGE OVER BRAYS BAYOU)</td>
<td>Federal: $1,844,655 State: $0 Local: $1,509,263 Categories: 9-STP-ENH, 3-LOCAL CONT</td>
<td>Add to TIP. Selected by TPC.</td>
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<tr>
<td>Add</td>
<td>16210</td>
<td>0912-73-191</td>
<td>2016</td>
<td>CITY OF CLEAR LAKE SHORES</td>
<td>Facility: CLEAR LAKE RD From: CEDAR RD To: S OF JARBOE BAYOU Description: CONSTRUCT PED/BIKE BRIDGE OVER JARBOE BAYOU, SHARED USE PATH, SIDEWALKS AND ASSOCIATED INFRASTRUCTURE</td>
<td>Federal: $999,478 State: $0 Local: $333,159 Categories: 9-STP-ENH, 3-LOCAL CONT</td>
<td>Add to TIP. Selected by TPC.</td>
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</table>
Resolution
NO. 2013-24

ADOPTING AMENDMENTS TO THE 2035 REGIONAL TRANSPORTATION PLAN UPDATE (RTP) AND THE 2013–2016 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA:

WHEREAS, the 2035 Regional Transportation Plan Update was adopted by the Transportation Policy Council on October 29, 2010; and

WHEREAS, the 2013-2016 Transportation Improvement Program for the Houston-Galveston Transportation Management Area was approved by the Transportation Policy Council on April 27, 2012; and

WHEREAS, the proposed revisions to the 2013–2016 Transportation Improvement Program are consistent with the 2035 Regional Transportation Plan Update and its existing finding of conformance with the State Implementation Plan for air quality; and

WHEREAS, the proposed revisions to the 2013–2016 Transportation Improvement Program are consistent with the federal fiscal constraint requirements established for the Transportation Improvement Program and are consistent with the financially constrained 2035 Regional Transportation Plan Update.

NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION POLICY COUNCIL (TPC) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA THAT THE 2035 REGIONAL TRANSPORTATION PLAN UPDATE AND THE 2013–2016 TRANSPORTATION IMPROVEMENT PROGRAM BE AMENDED TO REFLECT THE REVISIONS IDENTIFIED IN AMENDMENT 45, 46, 47.

BE IT FURTHER RESOLVED THAT FEDERAL FUNDS AUTHORIZED BY THE TPC FROM THE CONGESTION MITIGATION AND AIR QUALITY (CMAQ) AND SURFACE TRANSPORTATION – METROPOLITAN MOBILITY (STP-MM) PROGRAMS REPRESENT A LIMITING AMOUNT. ANY COST OVERRUNS ON PHASES OF WORK AUTHORIZED BY THE TPC OR COSTS INCURRED ON PHASES OF WORK NOT AUTHORIZED BY THE TPC SHALL BE THE RESPONSIBILITY OF THE PROJECT SPONSOR. IN NO CASE SHALL FEDERAL PARTICIPATION UNDER THE CMAQ AND STP-MM PROGRAMS BE INCREASED WITHOUT EXPRESS CONSULTATION WITH AND APPROVAL OF THE TPC.

PASSED AND APPROVED this 25th day of October 2013, at a regularly called meeting of the Transportation Policy Council.
TPC Agenda Item 6A
Mailout - 10/18/13

APPROVED:

[Signature]
Ed Emmett, Chairman
Transportation Policy Council

ATTEST:

[Signature]
Tom Reid, Secretary
Transportation Policy Council
HOUSTON-GALVESTON MPO
2013-2016 TRANSPORTATION IMPROVEMENT PROGRAM
2035 REGIONAL TRANSPORTATION PLAN UPDATE

Amendment #: 47

Amendment Type: ☐ Administrative Action ☑ TPC Action ☐ Emergency Action

STIP Revision Required?: YES

Projects Affected (MPOID (CSJ)):

13449 (0912-72-046)

Purpose of Amendment:
The City of Houston is requesting the Transportation Policy Council utilize Surface Transportation Program – Metropolitan Mobility (Category 7) funds to perform the Cambridge Street rehabilitation project. Original project funding (FY2005 Section 117 Congressional earmark) was reallocated by the State to ensure funds were not lost to Congressional rescission. A scope change will allow the project to be completed within the previously allocated budget.

Financial Constraint Statement:
This amendment is consistent with fiscal constraint requirements.

Air Quality Conformity Statement:
The project covered by this amendment is exempt from regional air quality emissions analysis.

Attachments:
1. Summary of Proposed Changes

Approved By:

Alan Clark
MPO Director
Houston-Galveston Area Council

Date

James Koch, P.E.
Director of Transportation Planning & Development
TxDOT, Houston District

Date

Tom Reid
Secretary
Transportation Policy Council

Date
### Project Details

<table>
<thead>
<tr>
<th>Action</th>
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<th>Sponsor</th>
<th>Description</th>
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</tr>
</thead>
</table>
| Modify | 13449 | 0912-72-046 | 2013       | CITY OF HOUSTON          | Facility: CAMBRIDGE ST  
From: OLD SPANISH TRAIL ST  
To: HOLLY HALL ST  
Description: RECONSTRUCT 2 LANES IN EACH DIRECTION, DIVIDED ROAD WITH CURBS AND GUTTERS | Federal: $1,347,213  
State: $0  
Local: $0  
Categories: 10-MISC |

### Proposed Changes

<table>
<thead>
<tr>
<th>Change</th>
<th>Comments</th>
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</table>
| Delay to FY 2014 and modify project description and funding as follows:  
Description: BASE REPAIR AND CONCRETE PANEL REPLACEMENT WITH REPAIR AND IMPROVEMENT TO CURBS, ACCESS RAMPS, SIDEWALKS, UTILITY ACCESS AND PAVEMENT MARKINGS  
Federal: $1,347,212  
State: $0  
Local: $336,803  
Categories: 7-STP-MM | The 2005 Section 117 federal earmark funds have been lost. An Advanced Funding Agreement between the City of Houston and TXDOT was signed in 2011. Panel replacement was determined to be an acceptable solution in lieu of full reconstruction to meet budgetary restraints. In May 2013 design was authorized and is ready to be reviewed by TXDOT. |
AMENDMENTS NOT REQUIRING STIP REVISION

(INFORMATION ONLY)
Amendment #: 44

Amendment Type: ☒ Administrative Action ☐ TPC Action ☐ Emergency Action

STIP Revision Required?: NO

Projects Affected (MPOID (CSJ)):

13521 (0912-72-063)

Purpose of Amendment:
Advance the letting of the City of Pasadena Preston Road extension project from FY 2015 to FY 2014 at sponsor request based on its readiness status.

Financial Constraint Statement:
This amendment is consistent with fiscal constraint requirements.

Air Quality Conformity Statement:
Projects covered by this amendment are included in the 2035 RTP Update and the resulting air quality conformity analysis.

Attachments:
1. Summary of Proposed Changes

Approved By:

Alan Clark
MPO Director
Houston-Galveston Area Council

Date
9/27/13

James Koch, P.E.
Director of Transportation Planning & Development
TxDOT, Houston District

Date
9-27-13
<table>
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<tr>
<td>Modify</td>
<td>13521</td>
<td>0912-72-063</td>
<td>2015</td>
<td>CITY OF PASADENA</td>
<td>Facility: PRESTON RD From: BW 8 To: GENOA RED BLUFF RD Description: CONSTRUCT 4-LANE DIVIDED THOROUGHFARE</td>
<td>Federal: $929,369 State: $0 Local: $436,978 Categories: 10-MISC, 3-LOCAL CONT</td>
<td>Advance project to FY 2014.</td>
<td>Environment documents are almost complete and all permits have been obtained. Design is over 95% complete and has been approved by TXDOT.</td>
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Amendment #: 45

Amendment Type: □ Administrative Action  □ TPC Action  □ Emergency Action

STIP Revision Required?: NO

Projects Affected (MPOID (CSJ)):
13576 (0912-31-224)

Purpose of Amendment:
Increase federal STP-MM funding and local participation on the southern Brazoria County CR 48 widening project. Additional $2.6m of federal funds would restore the project to the amount originally programmed in the 2008-2011 TIP. Funding was reduced in subsequent 2011-2014 TIP to interim cost estimate. Action also reflects an additional $650k of matching funds and $400k local contribution in excess of match from Brazoria County.

Financial Constraint Statement:
This amendment is consistent with fiscal constraint requirements.

Air Quality Conformity Statement:
Projects covered by this amendment are included in the 2035 RTP Update and the resulting air quality conformity analysis.

Attachments:
1. Summary of Proposed Changes

Approved By:

Alan Clark
MPO Director
Houston-Galveston Area Council

James Koch, P.E.
Director of Transportation Planning & Development
TxDOT, Houston District

Tom Reid
Secretary
Transportation Policy Council
**Amendment # 45**

**Restore federal funding to Brazoria County CR 48 widening project**

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<thead>
<tr>
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