

**STATEWIDE
TRANSPORTATION IMPROVEMENT
PROGRAM
FY 2008-2011**



**HOUSTON DISTRICT
AUGUST FY 2009
Quarterly Revisions**

8-01-2009



MEMORANDUM

TO: Ms. Lori Morel
Transportation Planning
and Programming Division

DATE: July 31, 2009

FROM: Gabriel Y. Johnson, P.E.

Originating Office
Houston District
DTP

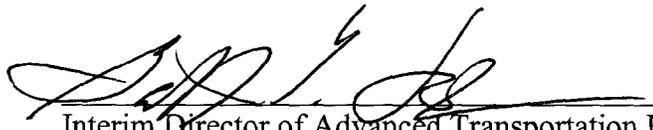
SUBJECT: 2008-2011 Transportation
Improvement Program
August 2009 Highway STIP Revisions

Please find attached for your information and further handling 2008-2011 Transportation Improvement Program (TIP) Amendments numbered 95, 124-126, 143 and 148. These amendments should be included in the August 2009 Statewide Transportation Improvement Program (STIP) Revisions. DCIS has been updated to reflect these changes.

Please note that the MPO's submittal letter mentioned Amendment 95, but it was left out of the attachment.

These amendments will not change the conformity for both volatile organic compounds and oxides of nitrogen of the amended Regional Transportation Plan.

Should you have questions regarding this matter, please contact Ms. Carolyn Bednar-Wood at (713) 802-5312, or Ms. Pam Hasker at (713) 802-5307.


P.E.
Interim Director of Advanced Transportation Planning

pch
Attachments

Cc: Mr. Delvin L. Dennis, P.E.
Ms. Carolyn Bednar-Wood
Mr. Alan Clark (H-GAC)
Ms. Pat Waskowiak (H-GAC)
Ms. Beth Webster (H-GAC)

August 2009 STIP Revision Summary

Amendment Number	CSJ / MPO ID	Project Description	Est Let Date	Funding Source	Emission Benefits (for CMAQ only)	RTP Status (Consistent with RTP(Y/N)? & Conformity Year)	Reason for Amendment
95	0912-71-432 9902	West Brays Bayou Bike Trail West	9/2009	9	N/A	N/A not modeled	Change Sponsor to City of Houston from Harris County
124	0543-02-047 494	FM 359 from west of Farmer Rd to US 90A – Widen from 2-lanes to 4-lanes rural	2/2010	ARRA	N/A	RTP – 2019	Split out 0543-02-061 from 0543-02-047 and delay to FY 2010 from FY 2009
124	0543-02-061 14636	FM 359 at 0.52 miles south of Farmers Road – Construct outfall channel	4/2010	1	N/A	N/A not modeled	Split out 0543-02-061 from 0543-02-047 and delay to FY 2010 from FY 2009
125	1986-01-060 14635	FM 1314 from 0.2 miles north of SH 242 to 0.1 miles south of SH 242 – Widen to 4-lanes with curbs & gutters: Phase 1	8/2010	1 & 11	N/A	RTP – 2019	Split out Phase 1 of CSJ 1986-01-044 and program into the TIP. Also correct limits, length and estimated cost of 0986-01-044 in the RTP
125	1986-01-044 10135	FM 1314 from 1.0 miles north of SH 242 to 0.1 miles south of SH 242 - Widen to 4-lane divided rural with provision for future IC: Phase 2	8/2017	N/A	N/A	Short Range – RTP – 2025	Split out Phase 1 of CSJ 1986-01-044 and program into the TIP. Also correct limits, length and estimated cost of 0986-01-044 in the RTP
126	3049-01-027 13877	FM 646 from SH 3 to IH 45 Widening from 2 to 4-lane divided without grade separation	7/2010	7	N/A	2015	Split from Short Range project CSJ 3049-01-022, MPO# 514. Place in FY 2010.
126	3049-01-022 514	FM 646 from Edmunds Way to FM 1266, Widen from 2 to 4 lanes divided with overpass bridge (Phase II)	12/2012	N/A	N/A	Short Range – 2015	Split CSJ 3049-01-027 MPO# 13877 from project.
143	0028-02-086 14626	US 90 from IH 10E to east of Mercury Drive - Restripe mainlanes from 4 to 6 lanes	3/2010	2	N/A	2009	Split out CSJ 0028-02-086 from 0028-02-081 & 0028-02-055 and add to the TIP

August 2009 STIP Revision Summary

Amendment Number	CSJ / MPO ID	Project Description	Est Let Date	Funding Source	Emission Benefits (for CMAQ only)	RTP Status (Consistent with RTP(Y/N)? & Conformity Year)	Reason for Amendment
143	0028-02-081 13418	US 90 from IH 10E to 0.290 miles west of Mercury Dr. - Construct 6-lane frwy & auxiliary lane with grade separation at Oates Road	9/2006	2	N/A	TIP APPENDIX A RTP – 2009	Split out CSJ 0028-02-086 from 0028-02-081 & 0028-02-055 and add to the TIP
143	0028-02-055 321	US 90 from 0.290 miles west of Mercury Dr. to 0.62 miles east of Hunting Bayou - Construct 6-lane frwy & auxiliary lanes with grade separation at Mercury Dr.	7/2006	2 & 10	N/A	TIP APPENDIX A RTP – 2009	Split out CSJ 0028-02-086 from 0028-02-081 & 0028-02-055 and add to the TIP
148	0912-72-187 11199	IH 10 W & US 59 SW from Houston CBD to SH 99 & SH 6 – Traffic incident mgmt: utilize ITS tech., incl moveable balloons, airplanes, helicopters w/real time cameras/ microwave transmitters, police motorcycles/ marked vehicles/ quick response trucks	1/2010	5	VOC: 41.54 kg/day NOx: 17.63 kb/day	N/A not modeled	Modify project description and delay to FY 2010

Houston-Galveston Metropolitan Planning Organization
FY 2008 - 2011 Transportation Improvement Program
Highway Financial Summary - Year of Expenditure Construction Costs
August 2009 Revision

Funding by Category

Category	Description	FY 2008		FY 2009		FY 2010		FY 2011		Total FY 2008 - 2011	
		Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized
1	Preventive Maintenance and Rehabilitation	\$0		\$7,991,143	\$10,915,324	\$16,775,000	\$3,553,000	\$2,487,955	\$0	\$27,254,098	\$14,468,324
2	Metropolitan Area (TMA) Corridor Projects	\$0		\$237,987,600	\$519,735,409	\$213,460,678	\$75,056,678	\$358,156,178	\$287,375,000	\$809,604,456	\$882,167,087
3	Urban Area (Non- TMA) Corridor Projects	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Statewide Connectivity Corridor Projects	\$0		\$56,556,999	\$33,845,216	\$23,000,000	\$23,000,000	\$108,000,000	\$108,000,000	\$187,556,999	\$164,845,216
5	CMAQ	\$0		\$72,441,422	\$70,423,175	\$69,735,369	\$65,759,882	\$50,502,228	\$58,306,915	\$192,679,019	\$194,489,972
6	Structure Replacement and Rehabilitation	\$0		\$17,100,000	\$36,807,944	\$20,802,307	\$12,600,000	\$4,650,880	\$0	\$42,553,187	\$49,407,944
7	Metro Mobility and Rehabilitation	\$0		\$109,701,660	\$147,631,520	\$72,438,911	\$93,382,168	\$102,807,153	\$83,406,822	\$284,947,724	\$324,420,510
8	Safety	\$0		\$0	\$0	\$0	\$0	\$6,436,000	\$6,436,000	\$6,436,000	\$6,436,000
9	Transportation Enhancements	\$0		\$21,847,987	\$28,233,613	\$12,236,821	\$9,469,252	\$4,408,061	\$0	\$38,492,869	\$37,702,865
10	Supplemental Transportation Projects	\$0		\$157,675,338	\$66,530,368	\$58,258,608	\$32,422,933	\$18,800,000	\$22,860,250	\$234,733,946	\$121,813,551
11	District Discretionary	\$0		\$14,272,518	\$35,259,521	\$21,450,141	\$15,099,000	\$32,545,320	\$27,217,000	\$68,267,979	\$77,575,521
12	Strategic Priority	\$0		\$0	\$85,998,616	\$13,147,000	\$26,647,000	\$0	\$0	\$13,147,000	\$112,645,616
ARRA**	American Recovery and Reinvestment Act	\$0		\$179,577,395	\$452,388,455	\$269,951,508	\$0	\$0	\$0	\$449,528,903	\$452,388,455
LC	Local Contributions			\$167,003,553	\$167,003,553	\$584,670,545	\$584,670,545	\$1,797,676,706	\$1,797,676,706	\$2,549,350,804	\$2,549,350,804
	Total	\$0		\$1,042,155,615	\$1,654,772,714	\$1,375,926,888	\$941,660,458	\$2,486,470,481	\$2,391,278,693	\$4,904,552,984	\$4,987,711,865

Funding Participation Source

Source	FY 2008	FY 2009	FY 2010	FY 2011	Total
Federal	\$0	\$433,950,944	\$390,897,537	\$553,859,902	\$1,378,708,383
State	\$0	\$168,722,006	\$78,186,120	\$120,596,315	\$367,504,441
Local Contributions	\$0	\$259,905,270	\$636,891,723	\$1,812,014,264	\$2,708,811,257
ARRA**	\$0	\$179,577,395	\$269,951,508	\$0	\$449,528,903
Other	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$1,042,155,615	\$1,375,926,888	\$2,486,470,481	\$4,904,552,984

****ARRA Funding Sources**

District Est Funding	\$285,000,000
MPO Sub-Allocation	\$123,740,323
Houston-Rural	\$25,188,856
Transportation Enhancements	\$18,459,276
Total	\$452,388,455

2008-2011 Transportation Improvement Program

August 2009 Revision

Funding Category	FY 2009		FY 2010		FY 2011	
	Programmed	Authorized*	Programmed	Authorized*	Programmed	Authorized*
1-PREV-M	\$7,991,143	\$10,915,324	\$16,775,000	\$3,553,000	\$2,487,955	\$0
2-METRO-TMA	\$237,987,600	\$519,735,409	\$213,460,678	\$75,056,678	\$358,156,178	\$287,375,000
4-ST-WIDE	\$56,556,999	\$33,845,216	\$23,000,000	\$23,000,000	\$108,000,000	\$108,000,000
5-CMAQ	\$72,441,422	\$70,423,175	\$69,735,369	\$65,759,882	\$50,502,228	\$58,306,915
6-BRIDGE	\$17,100,000	\$36,807,944	\$20,802,307	\$12,600,000	\$4,650,880	\$0
7-STP-MM	\$109,701,660	\$147,631,520	\$72,438,911	\$93,382,168	\$102,807,153	\$83,406,822
8-SAFE	\$0	\$0	\$0	\$0	\$6,436,000	\$6,436,000
9-STP-ENH	\$21,847,987	\$28,233,613	\$12,236,821	\$9,469,252	\$4,408,061	\$0
10-MISC	\$157,675,338	\$66,530,368	\$58,258,608	\$32,422,933	\$18,800,000	\$22,860,250
11-ST DIST DISC	\$14,272,518	\$35,259,521	\$21,450,141	\$15,099,000	\$32,545,320	\$27,217,000
12-STRATEGIC	\$0	\$85,998,616	\$13,147,000	\$26,647,000	\$0	\$0
10-ARRA	\$179,577,395	\$452,388,455	\$269,951,508	\$0	\$0	\$0
Total (Cat 1-12)	\$875,152,062	\$1,487,769,161	\$791,256,343	\$356,989,913	\$688,793,775	\$593,601,987
LOCAL CONTRIBUTION	\$167,003,553	\$167,003,553	\$584,670,545	\$584,670,545	\$1,797,676,706	\$1,797,676,706
TOTAL (FED_STATE)	\$1,042,155,615	\$1,654,772,714	\$1,375,926,888	\$941,660,458	\$2,486,470,481	\$2,391,278,693

LOCAL (INC TOLL)	\$1,096,874,768	\$1,096,874,768	\$327,809,913	\$327,809,913	\$998,843,277	\$998,843,277
TRANSIT	\$508,856,352	\$508,856,352	\$526,102,979	\$526,102,979	\$540,092,694	\$540,092,694
LOCAL TRANSIT	\$617,310,455	\$617,310,455	\$361,821,000	\$361,821,000	\$223,435,000	\$223,435,000
Grand Total	\$3,265,197,190	\$3,877,814,289	\$2,591,660,780	\$2,157,394,350	\$4,248,841,452	\$4,153,649,664

Funding Category	Grand Total (FY 2009-2011)			
	Programmed	Authorized*	Over/Under	Percentage
1-PREV-M	\$27,254,098	\$14,468,324	(\$12,785,774)	-46.91%
2-METRO-TMA	\$809,604,456	\$882,167,087	\$72,562,631	8.96%
4-ST-WIDE	\$187,556,999	\$164,845,216	(\$22,711,783)	-12.11%
5-CMAQ	\$192,679,019	\$194,489,972	\$1,810,953	0.94%
6-BRIDGE	\$42,553,187	\$49,407,944	\$6,854,757	16.11%
7-STP-MM	\$284,947,724	\$324,420,510	\$39,472,786	13.85%
8-SAFE	\$6,436,000	\$6,436,000	\$0	0.00%
9-STP-ENH	\$38,492,869	\$37,702,865	(\$790,004)	-2.05%
10-MISC	\$234,733,946	\$121,813,551	(\$112,920,395)	-48.11%
11-ST DIST DISC	\$68,267,979	\$77,575,521	\$9,307,542	13.63%
12-STRATEGIC	\$13,147,000	\$112,645,616	\$99,498,616	756.82%
10-ARRA	\$449,528,903	\$452,388,455	\$2,859,552	0.64%
TOTAL (Cat 1-12)	\$2,355,202,180	\$2,438,361,061	\$83,158,881	3.53%
LOCAL CONTRIBUTION	\$2,549,350,804	\$2,549,350,804	\$0	0.00%
Total (Fed_State)	\$4,904,552,984	\$4,987,711,865	\$83,158,881	1.70%

LOCAL (INC TOLL)	\$2,423,527,958	\$2,423,527,958
TRANSIT	\$1,575,052,025	\$1,575,052,025
LOCAL TRANSIT	\$1,202,566,455	\$1,202,566,455
Grand Total	\$10,105,699,422	\$10,188,858,303

*Apportionment based on Programmed amounts from the February/March 2008 STIP

TIP Projects By Funding Source and Fiscal Year

FY 2009

Funding Category	Total Federal	Total State	Total Local	Grand Total
1-PREV-M	\$6,392,914	\$1,598,229	\$0	\$7,991,143
2-METRO-TMA	\$115,246,080	\$122,741,520	\$0	\$237,987,600
4-ST-WIDE	\$45,245,599	\$11,311,400	\$0	\$56,556,999
5-CMAQ	\$58,567,938	\$2,174,621	\$11,698,863	\$72,441,422
6-BRIDGE	\$13,680,000	\$3,420,000	\$0	\$17,100,000
7-STP-MM	\$87,761,328	\$10,729,035	\$11,211,297	\$109,701,660
8-SAFE	\$0	\$0	\$0	\$0
9-STP-ENH	\$15,571,566	\$3,675,728	\$2,600,693	\$21,847,987
10-MISC	\$80,067,505	\$10,216,969	\$67,390,864	\$157,675,338
11-ST DIST DISC	\$11,418,014	\$2,854,504	\$0	\$14,272,518
12-STRATEGIC	\$0	\$0	\$0	\$0
10-ARRA	\$179,577,395	\$0	\$0	\$179,577,395
TOTAL (CAT 1-12)	\$613,528,339	\$168,722,006	\$92,901,717	\$875,152,062
LOCAL CONTRIBUTION	\$0	\$0	\$167,003,553	\$167,003,553
Total (Fed_State)	\$613,528,339	\$168,722,006	\$259,905,270	\$1,042,155,615
LOCAL (INC TOLL)	\$0	\$0	\$1,096,874,768	\$1,096,874,768
TRANSIT	\$342,108,549	\$1,320,427	\$165,427,376	\$608,317,288
LOCAL TRANSIT	\$0	\$0	\$617,310,455	\$617,310,455
Grand Totals	\$955,636,888	\$170,042,433	\$2,139,517,869	\$3,364,658,126

FY 2010

Funding Category	Total Federal	Total State	Total Local	Grand Total
1-PREV-M	\$5,166,000	\$11,609,000	\$0	\$16,775,000
2-METRO-TMA	\$170,768,542	\$38,255,400	\$4,436,736	\$213,460,678
4-ST-WIDE	\$18,400,000	\$4,600,000	\$0	\$23,000,000
5-CMAQ	\$56,803,713	\$231,525	\$12,700,131	\$69,735,369
6-BRIDGE	\$16,641,845	\$4,160,462	\$0	\$20,802,307
7-STP-MM	\$55,878,843	\$7,882,076	\$8,677,992	\$72,438,911
8-SAFE	\$0	\$0	\$0	\$0
9-STP-ENH	\$8,558,502	\$1,050,000	\$2,628,319	\$12,236,821
10-MISC	\$31,002,379	\$4,076,229	\$23,180,000	\$58,258,608
11-ST DIST DISC	\$17,160,113	\$3,692,028	\$598,000	\$21,450,141
12-STRATEGIC	\$10,517,600	\$2,629,400	\$0	\$13,147,000
10-ARRA	\$269,951,508	\$0	\$0	\$269,951,508
TOTAL (CAT 1-12)	\$660,849,045	\$78,186,120	\$52,221,178	\$791,256,343
LOCAL CONTRIBUTION	\$0	\$0	\$584,670,545	\$584,670,545
Total (Fed_State)	\$660,849,045	\$78,186,120	\$636,891,723	\$1,375,926,888
LOCAL (INC TOLL)	\$0	\$0	\$327,809,913	\$327,809,913
TRANSIT	\$296,004,228	\$1,437,928	\$228,660,823	\$526,102,979
LOCAL TRANSIT	\$0	\$0	\$361,821,000	\$361,821,000
Grand Totals	\$956,876,473	\$79,624,048	\$1,555,160,259	\$2,591,660,780

FY 2011

Funding Category	Total Federal	Total State	Total Local	Grand Total
1-PREV-M	\$1,049,159	\$1,438,796	\$0	\$2,487,955
2-METRO-TMA	\$286,524,942	\$71,631,236	\$0	\$358,156,178
4-ST-WIDE	\$86,400,000	\$21,600,000	\$0	\$108,000,000
5-CMAQ	\$42,537,911	\$6,077,531	\$1,886,786	\$50,502,228
6-BRIDGE	\$3,720,704	\$930,176	\$0	\$4,650,880
7-STP-MM	\$82,245,721	\$8,862,912	\$11,698,520	\$102,807,153
8-SAFE	\$5,792,400	\$643,600	\$0	\$6,436,000
9-STP-ENH	\$3,655,809	\$0	\$752,252	\$4,408,061
10-MISC	\$15,897,000	\$2,903,000	\$0	\$18,800,000
11-ST DIST DISC	\$26,036,256	\$6,509,064	\$0	\$32,545,320
12-STRATEGIC	\$0	\$0	\$0	\$0
10-ARRA	\$0	\$0	\$0	\$0
TOTAL (CAT 1-12)	\$553,859,902	\$120,596,315	\$14,337,558	\$688,793,775
LOCAL CONTRIBUTION	\$0	\$0	\$1,797,676,706	\$1,797,676,706
Total (Fed_State)	\$553,859,902	\$120,596,315	\$1,812,014,264	\$2,486,470,481
LOCAL (INC TOLL)	\$0	\$0	\$998,843,277	\$998,843,277
TRANSIT	\$300,687,621	\$1,456,314	\$237,948,757	\$540,092,694
LOCAL TRANSIT	\$0	\$0	\$223,435,000	\$223,435,000
Grand Totals	\$854,547,523	\$122,052,629	\$3,272,241,298	\$4,248,841,452

TIP Project by Funding Category and Funding Source

Funding Category	Total Federal	Total State	Total Local	Grand Total
1-PREV-M	\$12,608,073	\$14,646,025	\$0	\$27,254,098
2-METRO-TMA	\$572,539,564	\$232,628,156	\$4,436,736	\$809,604,456
4-ST-WIDE	\$150,045,599	\$37,511,400	\$0	\$187,556,999
5-CMAQ	\$157,909,562	\$8,483,677	\$26,285,780	\$192,679,019
6-BRIDGE	\$34,042,549	\$8,510,638	\$0	\$42,553,187
7-STP-MM	\$225,885,892	\$27,474,023	\$31,587,809	\$284,947,724
8-SAFE	\$5,792,400	\$643,600	\$0	\$6,436,000
9-STP-ENH	\$27,785,877	\$4,725,728	\$5,981,264	\$38,492,869
10-MISC	\$126,966,884	\$17,196,198	\$90,570,864	\$234,733,946
11-ST DIST DISC	\$54,614,383	\$13,055,596	\$598,000	\$68,267,979
12-STRATEGIC	\$10,517,600	\$2,629,400	\$0	\$13,147,000
10-ARRA	\$449,528,903	\$0	\$0	\$449,528,903
TOTAL (CAT 1-12)	\$1,828,237,286	\$367,504,441	\$159,460,453	\$2,355,202,180
LOCAL CONTRIBUTION	\$0	\$0	\$2,549,350,804	\$2,549,350,804
Total (Fed_State)	\$1,828,237,286	\$367,504,441	\$2,708,811,257	\$4,904,552,984
LOCAL (INC TOLL)	\$0	\$0	\$2,423,527,958	\$2,423,527,958
TRANSIT	\$938,800,398	\$4,214,669	\$632,036,956	\$1,674,512,961
LOCAL TRANSIT	\$0	\$0	\$1,202,566,455	\$1,202,566,455
Grand Totals	\$2,767,060,884	\$371,719,110	\$6,966,919,426	\$10,205,160,358

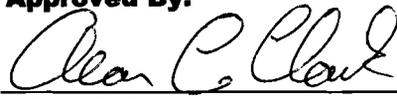
**HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #95**

Amendment Type		
<input checked="" type="checkbox"/> Administrative Action	<input type="checkbox"/> TPC Action	<input type="checkbox"/> Emergency Action
<input checked="" type="checkbox"/> STIP Revision		

Purpose of Amendment:

Change sponsor to City of Houston. Remove reference to Additional Local funds.

Approved By:

 11/21/08
 Alan Clark Date
 MPO Director
 Houston-Galveston Area Council

 11/21/08
 Elvia R. Cardinal, P.E. Date
 Director of Advanced Transportation Planning
 TxDOT, Houston District

AMENDED TABLE						
FY 2010 PROJECTS						
COUNTY	SPONSOR	PROJECT DESCRIPTION				
CBJ NUMBER	STREET	PROJECT LENGTH				
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)				
TXDOT DISTRICT	TO LIMIT					
PHASE	LET DATE					
HARRIS	CITY OF HOUSTON					
0912-71-432	WEST BRAYS BAYOU BIKE TRAIL WEST	CONSTRUCT PEDESTRIAN/BIKE BRIDGES				
9902	AT BOB WHITE DR					
HOUSTON	AT ATWELL DR					
C	9/1/2009					
Total Project Cost Information:		Year of Expenditure (YOE) Project Cost Information:				
Preliminary Engineering	\$223,134	<u>Fund Cat</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>	<u>Total</u>
ROW Purchase:	\$260,575	9-STEP	\$3,643,000	\$0	\$910,750	\$4,553,750
Construction Engineering:	\$227,688					
Construction Cost:	\$4,553,750					
Contingencies:	\$318,763					
Indirect Costs:	\$157,104					
Total Project Cost:	\$5,741,013	YOE Cost:	\$3,643,000	\$0	\$910,750	\$4,553,750

HOUSTON-GALVESTON MPO
 2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
 AMENDMENT #95

ORIGINAL TABLE						
FY 2010 PROJECTS						
COUNTY	SPONSOR	PROJECT DESCRIPTION				
CSJ NUMBER	STREET	PROJECT LENGTH				
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)				
TXDOT DISTRICT	TO LIMIT					
PHASE	LET DATE	Based on March 10, 2008 version of the 2008-2011 TIP.				
HARRIS	HARRIS COUNTY					
0912-71-432	WEST BRAYS BAYOU BIKE TRAIL WEST	CONSTRUCT PEDESTRIAN/BIKE BRIDGES				
9902	AT BOB WHITE DR					
HOUSTON	AT ATWELL DR					
C	9/1/2009					
Total Project Cost Information:		Year of Expenditure (YOE) Project Cost Information:				
Preliminary Engineering	\$255,363	<u>Fund Cat</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>	<u>Total</u>
ROW Purchase:	\$260,575	9-STEP	\$3,643,000	\$0	\$910,750	\$4,553,750
Construction Engineering:	\$260,575	LOCAL	\$0	\$0	\$657,747	\$657,747
Construction Cost:	\$5,211,497					
Contingencies:	\$364,805					
Indirect Costs:	\$179,797					
Total Project Cost:	\$6,532,611	YOE Cost:	\$3,643,000	\$0	\$1,568,497	\$5,211,497

**2008-2011 Transportation Improvement Program (TIP)
Amendment Numbers 125 & 148**

Amendment Summary

Two amendments to the *2008-2011 Transportation Improvement Program (TIP)* and to the *2035 Regional Transportation Plan (RTP)* are proposed by the Texas Department of Transportation for the month of July 2009.

Amendment # 125

Location: FM 1314 at SH 242

Scope: Split out the Phase-I widening (MPOID 14632) from the Short-Range, Phase-II widening project (MPOID 10135). Add new project to the TIP with Category 1 (Preventative Maintenance) and Category 11 (District Discretionary) funding in FY 2010.

Amendment # 148

Location: IH 10 W and US 59 SW from the Houston CBD to SH 99 and SH 6.

Scope: Delay the City of Houston Traffic Incident Management project Phase I to FY 2010 and modify its scope to include the use of fixed-wing aircraft and moveable balloons. Reduce the program cost by eliminating the local funding.

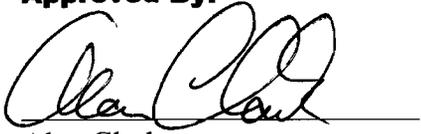
**HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #125**

Amendment Type		
<input type="checkbox"/> Administrative Action	<input checked="" type="checkbox"/> TPC Action	<input type="checkbox"/> Emergency
<input checked="" type="checkbox"/> STIP Revision	<input type="checkbox"/> Public Meeting Needed	

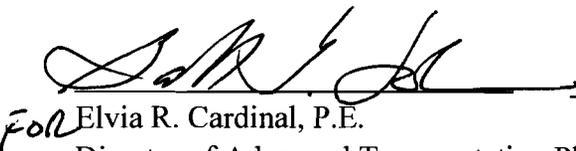
Purpose of Amendment:

Split out Phase 1 of CSJ 1986-01-044 (MPOID 10135) from Short Range and program into the TIP. CSJ 1986-01-060 will connect to the southeast portions of FM 1314 currently under construction and funded under the Pass-Through Financing (PTF) program. Correct the limits, length and estimated cost of CSJ 1986-01-044 in the RTP.

Approved By:


Alan Clark
MPO Director
Houston-Galveston Area Council

7/24/09
Date


Elvia R. Cardinal, P.E.
Director of Advanced Transportation Planning
TxDOT, Houston District

7/24/09
Date


Tom Reid
Secretary
Transportation Policy Council

7-24-09
Date

AMENDED TABLE

FY 2010 PROJECTS

COUNTY	SPONSOR	PROJECT DESCRIPTION
CSJ NUMBER	STREET	PROJECT LENGTH
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)
TXDOT DISTRICT	TO LIMIT	
PHASE	LET DATE	
MONTGOMERY	TXDOT HOUSTON DISTRICT	WIDEN TO 4-LANES WITH CURBS AND GUTTERS: PHASE 1
1986-01-060	FM 1314	0.300 MILES
146375	0.2 MI N OF SH 242	
HOUSTON	0.1 MI S OF SH 242	
C	8/1/2010	

Total Project Cost Information:		Year of Expenditure (YOE) Project Cost Information:				
Preliminary Engineering	\$34,300	<u>Fund Cat</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>	<u>Total</u>
ROW Purchase:	\$0	1-PRV MNT	\$560,000	\$140,000	\$0	\$700,000
Construction Engineering:	\$60,000	11-DIST DISC	\$240,000	\$60,000	\$0	\$300,000
Construction Cost:	\$1,000,000	YOE Cost:	\$800,000	\$200,000	\$0	\$1,000,000
Contingencies:	\$70,000					
Indirect Costs:	\$24,150					
Total Project Cost:	\$1,188,450					

SHORT RANGE

MONTGOMERY	TXDOT HOUSTON DISTRICT	WIDEN TO 4-LANE DIVIDED RURAL WITH PROVISION FOR FUTURE IC: PHASE 2
1986-01-044	FM 1314	1.100 MILES
10135	1.0 MI N OF SH 242	\$15,500,000 1,188,450. 
HOUSTON	0.1 MI S OF SH 242	
	8/2017	

HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #125

Amendment Type		
<input type="checkbox"/> Administrative Action	<input checked="" type="checkbox"/> TPC Action	<input type="checkbox"/> Emergency
<input checked="" type="checkbox"/> STIP Revision		<input type="checkbox"/> Public Meeting Needed

Purpose of Amendment:

Split out Phase 1 of CSJ 1986-01-044 MPO# 10135 from Short Range and program into the TIP. CSJ 1986-01-060 will connect to the southeast portions of FM 1314 currently under construction and funded under the Pass-Through Financing (PTF) program. Correct the limits, length, and estimated cost of CSJ 1986-01-044 in the RTP.

Approved By:

Alan Clark
MPO Director
Houston-Galveston Area Council

Date

Elvia R. Cardinal, P.E.
Director of Advanced Transportation Planning
TxDOT, Houston District

Date

Tom Reid
Secretary
Transportation Policy Council

Date

AMENDED TABLE

FY 2010 PROJECTS

COUNTY	SPONSOR	PROJECT DESCRIPTION
CSJ NUMBER	STREET	PROJECT LENGTH
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)
TXDOT DISTRICT	TO LIMIT	
PHASE	LET DATE	
MONTGOMERY	TXDOT HOUSTON DISTRICT	WIDEN TO 4-LANES WITH CURBS AND GUTTERS PHASE 1
1986-01-060	FM 1314	0.300 MILES
14635	0.2 MI N OF SH 242	
HOUSTON	0.1 MI S OF SH 242	
C	8/1/2010	

Total Project Cost Information:

Preliminary Engineering	\$34,300
ROW Purchase:	\$0
Construction Engineering:	\$60,000
Construction Cost:	\$1,000,000
Contingencies:	\$70,000
Indirect Costs:	\$24,150
Total Project Cost:	\$1,188,450

Year of Expenditure (YOE) Project Cost Information:

<u>Fund Cat</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>	<u>Total</u>
1-PRV MNT	\$560,000	\$140,000	\$0	\$700,000
11-DIST DISC	\$240,000	\$60,000	\$0	\$300,000
YOE Cost:	\$800,000	\$200,000	\$0	\$1,000,000

SHORT RANGE

MONTGOMERY	TXDOT HOUSTON DISTRICT	WIDEN TO 4-LANE DIVIDED RURAL WITH PROVISION FOR FUTURE IC PHASE 2
1986-01-044	FM 1314	
10135	1.0 MI N OF SH 242	1.100 MILES
HOUSTON	0.1 MI S OF SH 242	\$1,188,450
	8/2017	

HOUSTON-GALVESTON MPO
 2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
 AMENDMENT #125

ORIGINAL TABLE		
SHORT RANGE		
COUNTY	SPONSOR	PROJECT DESCRIPTION
CSJ NUMBER	STREET	PROJECT LENGTH
MPO ID	FROM LIMIT	
TXDOT DISTRICT	TO LIMIT	
	FISCAL YEAR	
MONTGOMERY	TXDOT HOUSTON DISTRICT	WIDEN TO 4-LANE DIVIDED RURAL WITH PROVISION FOR FUTURE IC (PHASE 2)
1986-01-044	FM 1314	
10135	1.0 MI S OF SH 242	2.0 MILES
HOUSTON	1.0 MI N OF SH 242	\$12,212,586
	2015	

**HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #148**

Amendment Type		
<input type="checkbox"/> Administrative Action	<input checked="" type="checkbox"/> TPC Action	<input type="checkbox"/> Emergency
<input checked="" type="checkbox"/> STIP Revision	<input type="checkbox"/> Public Meeting Needed	

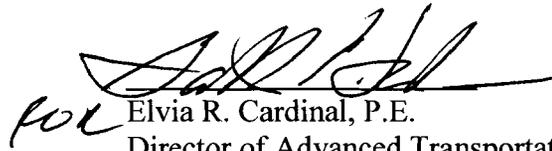
Purpose of Amendment:

Delay project to FY 2010 and modify the project description. Funding is reduced in spite of delay in year of expenditure due to revised itemized cost estimate for change in scope.

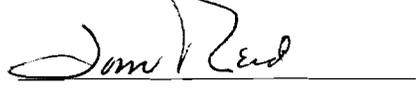
Approved By:


Alan Clark
MPO Director
Houston-Galveston Area Council

Date


Elvia R. Cardinal, P.E.
Director of Advanced Transportation Planning
TxDOT, Houston District

7/24/09
Date


Tom Reid
Secretary
Transportation Policy Council

7-24-09
Date

AMENDED TABLE

COUNTY	SPONSOR	PROJECT DESCRIPTION				
CS/NUMBER	STREET	PROJECT LENGTH				
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)				
TXDOT DISTRICT	TO LIMIT					
PHASE	LET DATE					
FY 2010 PROJECTS						
HARRIS	CITY OF HOUSTON	TRAFFIC INCIDENT MANAGEMENT (PHASE 1): UTILIZE ITS TECHNOLOGY, INCLUDING MOVEABLE BALLOONS, AIRPLANES, HELICOPTERS W/ REAL TIME CAMERAS/MICROWAVE TRANSMITTERS, POLICE MOTORCYCLES/MARKED VEHICLES/QUICK RESPONSE TRUCKS				
0912-72-187	IH 10 W & US 59 SW					
11199	HOUSTON CBD					
HOUSTON	SH 99 & SH 6					
C	1/1/2010	VOC: 41.54 kg/day NOx: 17.63 kg/day				
Total Project Cost Information:		Year of Expenditure (YOE) Project Cost Information:				
Prelim. Engineering	\$0	Fund Cat	Federal	State	Local	Total
ROW Purchase:	\$0	5-CMAQ	\$3,307,500	\$0	\$826,875	\$4,134,375
Constr. Engineering:	\$248,063					
Construction Cost:	\$4,134,375					
Contingencies:	\$289,406					
Indirect Costs:	\$0					
Total Project Cost:	\$4,671,844	YOE Cost:	\$3,307,500	\$0	\$826,875	\$4,134,375

HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #148

Amendment Type		
<input type="checkbox"/> Administrative Action	<input checked="" type="checkbox"/> TPC Action	<input type="checkbox"/> Emergency
<input checked="" type="checkbox"/> STIP Revision		<input type="checkbox"/> Public Meeting Needed

Purpose of Amendment:

Delay project to FY 2010 of the TIP and modify project description. Funding is reduced in spite of delay in year of expenditure due to revised itemized cost estimate for change in scope.

Approved By:

Alan Clark	Date	Elvia R. Cardinal, P.E.	Date
MPO Director		Director of Advanced Transportation Planning	
Houston-Galveston Area Council		TxDOT, Houston District	

Tom Reid	Date
Secretary	
Transportation Policy Council	

AMENDED TABLE

COUNTY	SPONSOR	PROJECT DESCRIPTION				
CSJ NUMBER	STREET	PROJECT LENGTH				
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)				
TXDOT DISTRICT	TO LIMIT					
PHASE	LET DATE					
FY 2010 PROJECTS						
HARRIS	CITY OF HOUSTON	TRAFFIC INCIDENT MANAGEMENT (PHASE 1): UTILIZE ITS TECHNOLOGY, INCLUDING MOVEABLE BALLOONS, AIRPLANES, HELICOPTERS W/ REAL TIME CAMERAS/MICROWAVE TRANSMITTERS, POLICE MOTORCYCLES/MARKED VEHICLES/QUICK RESPONSE TRUCKS VOC: 41.54 kg/day NOx: 17.63 kg/day				
0912-72-187	IH 10 W & US 59 SW					
11199	HOUSTON CBD					
HOUSTON	SH 99 & SH 6					
C	1/1/2010					
Total Project Cost Information:		Year of Expenditure (YOE) Project Cost Information:				
Prelim. Engineering	\$0	Fund Cat	Federal	State	Local	Total
ROW Purchase:	\$0	5-CMAQ	\$3,307,500	\$0	\$826,875	\$4,134,375
Constr. Engineering:	\$248,063					
Construction Cost:	\$4,134,375					
Contingencies:	\$289,406					
Indirect Costs:	\$0					
Total Project Cost:	\$4,671,844	YOE Cost:	\$3,307,500	\$0	\$826,875	\$4,134,375

HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #148

<i>ORIGINAL TABLE</i>		
COUNTY	SPONSOR	PROJECT DESCRIPTION
CSJ NUMBER	STREET	PROJECT LENGTH
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)
TXDOT DISTRICT	TO LIMIT	
PHASE	LET DATE	
<i>FY 2009 PROJECTS</i>		
HARRIS	CITY OF HOUSTON	TRAFFIC INCIDENT MANAGEMENT (PHASE 1): UTILIZE ITS TECHNOLOGY, INCLUDING HELICOPTERS W/ REAL TIME CAMERAS/MICROWAVE
0912-72-187	IH 10 W & US 59 SW	TRANSMITTERS/MOTORCYCLE POLICE UNITS/MARKED VEHICLES/DEDICATED
11199	HOUSTON CBD	RESPONSE TRUCKS
HOUSTON	SH 99 & SH 6	VOC: 9.89 kg/day NOX: 4.20 kg/day
C	9/1/2008	
<u>Total Project Cost Information:</u>		<u>Year of Expenditure (YOE) Project Cost Information:</u>
Prelim. Engineering	\$0	<u>Fund Cat</u>
ROW Purchase:	\$0	<u>Federal</u>
Constr. Engineering:	\$382,782	<u>State</u>
Construction Cost:	\$6,379,704	<u>Local</u>
Contingencies:	\$446,579	<u>Total</u>
Indirect Costs:	\$0	5-CMAQ
Total Project Cost:	\$7,209,066	LOCAL
		YOE Cost:
		Federal
		State
		Local
		Total
		\$3,307,500
		\$0
		\$826,875
		\$2,245,329
		\$0
		\$2,245,329
		\$6,379,704

NOTE: The project emissions were recalculated using new models, formulas and factors since the project was adopted in the 2006-2008 TIP. Original emissions benefits as listed in Appendix H were: VOC: 145.544 kg/day; NOX: 63.584 kg/day.

Houston Police Department
Proposed Revised Scope of Work for CMAQ grant
February, 2009

The Greater Houston Area experiences over 25,000 freeway related incidents annually; including traffic accidents, hazardous materials spills, overturned trucks, lost loads, vehicle stalls, etc. The objective of the **City of Houston Freeway Incident Management Pilot Program** is to reduce the impact of these incidents on the regional transportation system using a comprehensive team approach and Intelligent Transportation Systems (ITS) technology. The use of real time cameras affixed to aerial platforms will allow rapid detection of incidents when they occur on the freeways and major intersecting arterial roadways. Images from camera systems will be transmitted in real time to monitors observed by trained personnel to determine what specific resources are needed to clear the particular incident and to responding units to assist them in accessing the on scene situation. Computerized dispatching systems will summon the appropriate resources. Simultaneously, a plan to re-route motorists may be implemented in real-time via the existing Texas Department of Transportation (TxDOT) Dynamic Message Sign (DMS) system and the Highway Advisory Radio system. Motorcycle officers will re-route motorists beyond the service roads. Police responders to freeway accidents will be equipped with state of the art equipment to investigate and clear accidents and the accompanying congestion as quickly as possible. A team approach will be implemented allowing incident managers to rapidly mark and photograph scenes allowing them to complete reports after traffic is returned to normal. Duplication of services from multiple responders and agencies will be avoided, allowing precious resources and personnel to be allocated to other needs. Additionally, it is incumbent on the identifying agency to share data related to traffic incidents with other agencies and cities within the region, to ensure that they are prepared to respond to their constituents should the traffic incident causes mobility issues in their jurisdictions.

The ability to rapidly detect non-recurrent events such as a vehicle crash, vehicle breakdown, or special event that causes a reduction in roadway capacity will reduce secondary incidents and emissions. Safety, mobility, energy and the environment are the goal areas for this ITS project. The expected impact of the program is a reduction in overall crash rates and crashes resulting in fatalities and injuries. The implementation of this project will also reduce travel time, vehicle emissions, and vehicle energy consumption.

The Freeway Incident Management Program will be implemented initially on the IH-10 Katy Freeway from downtown Houston to the Grand Parkway and on US 59 Southwest Freeway from downtown to State Highway 6 in Fort Bend County; however, it will encompass all of the freeways in the Houston area. This program will utilize a combination of mobile platforms such as motorcycles, quick response vehicles, moveable balloons, airplanes, and helicopters. The latter three platforms will be equipped with video downlink to the regional transportation center, (Houston TranStar) and other base operations, such as the Houston Emergency Center. These high-tech mobile platforms and responding units will be tracked utilizing an Automatic Vehicle Location (AVL)/

delay to 2010

Global Positioning Satellite (GPS) solution. In addition, the use of video downlink on mobile platforms will enable viewing of freeway areas where fixed cameras are obstructed or out of service, due to freeway construction or where areas are beyond the site current fixed locations. Regional agencies will have the ability to view real-time (via the TranStar Regional Incident Management System – RIMS) what mobility issues are being addressed in the pilot program area. These agencies will be able to assess their response (if any) to ensure that mobility in their jurisdictions is minimally impacted. Responding units will be equipped with air cards and other equipment to receive live on the scene video transmissions and to send data back to various operating centers.

The Houston Police Department (HPD) will be the lead agency for this program. The other partners in this project are TxDOT, Houston TranStar, Metro Police Department, and Harris County Sheriff's Department.

**Houston Police Department
Summary of CMAQ Project Proposal
February, 2009 Update**

Division	Quantity	Item	Est. Unit Cost	Est. Total Cost	Div. Allocation
Vehicular Crimes Accident		Vehicles			
		Ford Exp -Police serv pkg & add ons	\$22,090		
		Lights & push bumpers	\$8,199		
		Sirens, console, MDT	\$9,794		
		Roof mounted Z-Lift lighting	\$5,257		
	10	Total	\$45,340	\$453,400	
		Chevy Tahoe-Police pkg & add ons	\$30,905		
		Lights & push bumpers	\$8,199		
		Sirens, console, MDT	\$9,794		
		Roof mounted scene lighting	\$6,835		
	5	Total	\$55,733	\$278,665	
	15	Total Vehicles		\$732,065	
		3 Year Extended Warranties			
	10	Ford Exp	\$1,460	\$14,600	
	5	Chevy Tahos	\$3,500	\$17,500	
		Total Warranties		\$32,100	
		Other Equip. software, training			
	5	Crash Unit Tool Kits	\$35,785	\$178,925	
	10	Scene Processing Eqp	\$12,590	\$125,900	
		Software/Training		\$75,266	
		Total-Other		\$380,091	
		Total Unit		\$1,144,256	
Hit & Run Unit		Ford F-150 -Police serv pkg & add ons	\$15,257		
		Lights, bed liners, & push bumpers	\$7,440		
		Sirens, console, MDT	\$9,794		
	3	Total	\$32,491	\$97,473	
		3 Year Extended Warranties			
	3	Ford F-150	\$1,445	\$4,335	
	3	Clearance Tool Kits	\$674	\$2,022	
		Total Unit		\$103,830	
		TOTAL DIVISION			\$1,248,086
Traffic Enforcement		Wireless microphone kits	\$512	\$25,575	
	50	Interface switch	\$525	\$26,235	
		Shipping	\$400	\$400	
		Total microphones		\$52,210	
	est. 11	Motorcycles, radios, & equipment (purchase or allowance, to be determined)	\$428,000	\$428,000	
		TOTAL DIVISION			\$480,210
Air Support		Aircards and other connecting tech*		\$206,000	
	1	Fixed Wing Aircraft & Equip		\$1,200,000	
	4	Aerostats (2 small & 2 trailer mounted) *used by all divisions		\$1,000,000	
		TOTAL DIVISION			\$2,406,000
		TOTAL PROJECT-DEPARTMENT			\$4,134,296
				Grant	\$3,307,500
				Match	\$826,875
				Total	\$4,134,375
				Difference	\$79

Kaufman, Jeff

From: Kaufman, Jeff
Sent: Tuesday, June 23, 2009 11:09 AM
To: Waskowiak, Patricia
Cc: Webster, Beth; Clark, Alan; Choudry, Ilyas; Maureen Crocker
Subject: Air Quality Analysis of Revised COH Incident Management Project

Pat,

Ilyas and I have reassessed the air quality benefit for the revised scope of the Incident Management project for the City of Houston. To conduct this assessment, we had to reassess the original project, which was strictly for the Katy and Southwest Freeways. The original analysis looked at the two freeways without taking the entire system into consideration, making it difficult to make an apples-to-apples comparison. The reassessment of the original two freeways had to assess the traffic of the other facilities as well without applying an emissions benefit to the other freeways. After conducting this analysis, the same analysis was conducted taking all freeways into consideration in applying emissions benefit.

The results below show that the expanded scope will result in a emissions reduction four times greater than the original scope.

EMISSION REDUCTION FOR KATY/SOUTHWEST FREEWAYS (Initial Project)

Emission Reduction for NOx = 4.20 Kilo-Grams/Day

Emission Reduction for VOC = 9.89 Kilo-Grams/Day

Emission Reduction for CO = 45.72 Kilo-Grams/Day

EMISSION REDUCTION FOR ALL FREEWAYS (Proposed Amendment)

Emission Reduction for NOx = 17.63 Kilo-Grams/Day

Emission Reduction for VOC = 41.54 Kilo-Grams/Day

Emission Reduction for CO = 191.92 Kilo-Grams/Day

If you have any questions, feel free to contact me.

Jeff Kaufman

Houston-Galveston Area Council
PO Box 22777
Houston, TX 77227-2777
(832) 681-2533

**HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #143**

Amendment Type	
<input checked="" type="checkbox"/> Administrative Action	<input type="checkbox"/> TPC Action
<input type="checkbox"/> Emergency	
<input checked="" type="checkbox"/> STIP Revision	<input type="checkbox"/> Public Meeting Needed

Purpose of Amendment:

Split out CSJ 0028-02-086, MPOID 14626 from CSJ 0028-02-081, MPOID 13418 and CSJ 0028-02-055, MPOID 321, and add to the 2008-2011 TIP.

Approved By:


 Alan Clark Date 6/25/09
 MPO Director
 Houston-Galveston Area Council


 FOR Elvia R. Cardinal, P.E. Date 6/26/09
 Director of Advanced Transportation Planning
 TxDOT, Houston District

AMENDED TABLE						
COUNTY	SPONSOR	PROJECT DESCRIPTION				
CSJ NUMBER	STREET	PROJECT LENGTH				
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)				
TXDOT DISTRICT	TO LIMIT					
PHASE	LET DATE					
FY 2010 PROJECTS						
HARRIS	TXDOT HOUSTON DISTRICT	RESTRIPE MAIN LANES FROM 4 TO 6 LANES				
0028-02-086	US 90					
14626	IH 10 E	PROJECT LENGTH: 1.0 MILES				
HOUSTON	E OF MERCURY DR					
C	3/1/2010					
Total Project Cost Information:		Year of Expenditure (YOE) Project Cost Information:				
Prelim. Engineering	\$6,762	Fund Cat	Federal	State	Local	Total
ROW Purchase:	\$0	2-METRO-TMA	\$110,400	\$27,600	\$0	\$138,000
Constr. Engineering:	\$12,420					
Construction Cost:	\$138,000					
Contingencies:	\$11,040					
Indirect Costs:	\$4,761					
Total Project Cost:	\$172,983	YOE Cost:	\$110,400	\$27,600	\$0	\$138,000

HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #143

Amendment Type	
<input checked="" type="checkbox"/> Administrative Action	<input type="checkbox"/> TPC Action
<input type="checkbox"/> Emergency	
<input checked="" type="checkbox"/> STIP Revision	<input type="checkbox"/> Public Meeting Needed

Purpose of Amendment:

Split out CSJ 0028-02-086, MPOID 14626 from CSJ 0028-02-081, MPOID 13418 and CSJ 0028-02-055, MPOID 321, and add to the 2008-2011 TIP.

Approved By:

Alan Clark
MPO Director
Houston-Galveston Area Council

Date

Elvia R. Cardinal, P.E.
Director of Advanced Transportation Planning
TxDOT, Houston District

Date

AMENDED TABLE

COUNTY	SPONSOR	PROJECT DESCRIPTION
CSJ NUMBER	STREET	PROJECT LENGTH
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)
TXDOT DISTRICT	TO LIMIT	
PHASE	LET DATE	

FY 2010 PROJECTS

HARRIS	TXDOT HOUSTON DISTRICT	RESTRIPE MAIN LANES FROM 4 TO 6 LANES
0028-02-086	US 90	
14626	IH 10 E	PROJECT LENGTH: 1.0 MILES
HOUSTON	E OF MERCURY DR	
C	3/1/2010	

Total Project Cost Information:

Prelim. Engineering	\$6,762
ROW Purchase:	\$0
Constr. Engineering:	\$12,420
Construction Cost:	\$138,000
Contingencies:	\$11,040
Indirect Costs:	\$4,761
Total Project Cost:	\$172,983

Year of Expenditure (YOE) Project Cost Information:

<u>Fund Cat</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>	<u>Total</u>
2-METRO-TMA	\$110,400	\$27,600	\$0	\$138,000
YOE Cost:	\$110,400	\$27,600	\$0	\$138,000

HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #143

AMENDED TABLE

COUNTY	SPONSOR	PROJECT DESCRIPTION
CSJ NUMBER	STREET	PROJECT LENGTH
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)
TXDOT DISTRICT	TO LIMIT	
PHASE	LET DATE	

APPENDIX A

HARRIS 0028-02-081 13418 HOUSTON C	TXDOT HOUSTON DISTRICT US 90 IH 10 E 0.290 MI W OF MERCURY DR 9/1/2006	CONSTRUCT 6-LANE FREEWAY AND AUXILARY LANE WITH GRADE SEPARATION AT OATES ROAD PROJECT LENGTH: 0.454 MILES
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Total Project Cost Information:	
Prelim. Engineering	\$679,238
ROW Purchase:	\$0
Constr. Engineering:	\$693,100
Construction Cost:	\$13,862,000
Contingencies:	\$970,340
Indirect Costs:	\$478,239
Total Project Cost:	\$16,682,917

Year of Expenditure (YOE) Project Cost Information:				
<u>Fund Cat</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>	<u>Total</u>
2-METRO-TMA	\$11,089,600	\$2,772,400	\$0	\$13,862,000
YOE Cost:	\$11,089,600	\$2,772,400	\$0	\$13,862,000

HARRIS 0028-02-055 321 HOUSTON C	TXDOT HOUSTON DISTRICT US 90 0.290 MI W OF MERCURY DR 0.62 MI E OF HUNTING BAYOU 7/1/2006	CONSTRUCT 6-LANE FREEWAY AND AUXILARY LANES, WITH GRADE SEPARATION AT MERCURY DRIVE PROJECT LENGTH: 0.517
--	---	--

Total Project Cost Information:	
Prelim. Engineering	\$571,549
ROW Purchase:	\$0
Constr. Engineering:	\$583,213
Construction Cost:	\$11,664,257
Contingencies:	\$816,498
Indirect Costs:	\$402,417
Total Project Cost:	\$14,037,933

Year of Expenditure (YOE) Project Cost Information:				
<u>Fund Cat</u>	<u>Federal</u>	<u>State</u>	<u>Local</u>	<u>Total</u>
2-METRO-TMA	\$0	\$9,664,257	\$0	\$9,664,257
10-MISC	\$1,600,000	\$400,000	\$0	\$2,000,000
YOE Cost:	\$1,600,000	\$10,064,257	\$0	\$11,664,257

**2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
ADMINISTRATIVE AMENDMENTS SUMMARY – JULY 2009**

Background

As per Transportation Policy Council (TPC) action, the Metropolitan Planning Organization (MPO) Director is authorized to approve the following revisions to the TIP administratively, with the concurrence of TxDOT:

- Project cost overruns not exceeding 25% of total project cost or less than \$500,000. Should cost overruns require delay of one or more projects to a latter implementation year, TPC review and approval will be required.
- Changes to project funding category.
- Changes in project priority within the four funding years of the TIP. Changes in priority to non-State sponsored projects must also have the concurrence of the project sponsor.
- Clarification of project scope. Minor changes to project limits, description or scope, which do not materially change the project’s function, cost or environmental impacts, may be approved by the MPO Director.

On July 27, 2001 the TPC also approved a motion to permit the administrative approval of actions in one TIP that were already part of a previous action in another TIP. This action essentially allows for “clean-up” of the new TIP.

Administrative Amendment Summary

Amendment #124: Split out the outfall channel from the FM 359 widening project between West Farmer Fry Road and US 90A (MPOID 494) and let both projects in FY 2010.

Amendment #126: Modify the limit of the FM 646 widening project between SH 3 and IH 45 (MPOID 13877), designate it as ‘Phase-I’ and delay its letting to FY 2010. Also, correct the length of associated widening project (MPOID 514) and designate it as ‘Phase-II’.

Amendment #142: Reconcile the FTA 5307 (Large Urban Cities) project funding allocations with the actual FY 2009 apportionments.

Amendment #150: Transfer 10% of the FTA section 5307/5340 American Recovery and Reinvestment Act (ARRA) funds to allow for operating expenses for Harris County Transit.

Amendment #151: Add US 90A preliminary engineering and environmental review to FTA section 5309 (Bus and Bus Facilities) congressional discretionary award received in the FY 2006 transportation appropriations request for Fort Bend County Transit.

**HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #124**

Amendment Type		
<input checked="" type="checkbox"/> Administrative Action	<input type="checkbox"/> TPC Action	<input type="checkbox"/> Emergency
<input checked="" type="checkbox"/> STIP Revision	<input type="checkbox"/> Public Meeting Needed	

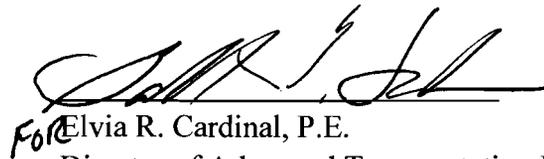
Purpose of Amendment:

Split out outfall channel from CSJ 0543-02-047 and delay both projects to FY 2010.

Approved By:


Alan Clark
MPO Director
Houston-Galveston Area Council

7/24/09
Date


Elvia R. Cardinal, P.E.
Director of Advanced Transportation Planning
TxDOT, Houston District

7/24/09
Date

AMENDED TABLE																	
FY 2010 PROJECTS																	
COUNTY	SPONSOR	PROJECT DESCRIPTION															
CSJ NUMBER	STREET	PROJECT LENGTH															
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)															
TXDOT DISTRICT	TO LIMIT																
PHASE	LET DATE																
FORT BEND 0543-02-047 494 HOUSTON C	TXDOT HOUSTON DISTRICT FM 359 WEST OF FARMER RD US 90A 2/1/2010	WIDEN FROM 2-LANES TO 4-LANES RURAL 2.370 MILES Programmed with MPO ARRA funds.															
Total Project Cost Information: Preliminary Engineering \$745,192 ROW Purchase: \$3,802,000 Construction Engineering: \$912,480 Construction Cost: \$15,208,000 Contingencies: \$1,064,560 Indirect Costs: \$524,676 Total Project Cost: \$22,256,908		Year of Expenditure (YOE) Project Cost Information: <table border="1"> <thead> <tr> <th>Fund Cat</th> <th>Federal</th> <th>State</th> <th>Local</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>ARRA</td> <td>\$15,208,000</td> <td>\$0</td> <td>\$0</td> <td>\$15,208,000</td> </tr> <tr> <td>YOE Cost:</td> <td>\$15,208,000</td> <td>\$0</td> <td>\$0</td> <td>\$15,208,000</td> </tr> </tbody> </table>	Fund Cat	Federal	State	Local	Total	ARRA	\$15,208,000	\$0	\$0	\$15,208,000	YOE Cost:	\$15,208,000	\$0	\$0	\$15,208,000
Fund Cat	Federal	State	Local	Total													
ARRA	\$15,208,000	\$0	\$0	\$15,208,000													
YOE Cost:	\$15,208,000	\$0	\$0	\$15,208,000													
FORT BEND 0543-02-061 1463AG HOUSTON C	TXDOT HOUSTON DISTRICT FM 359 AT 0.52 MILES SOUTH OF FARMERS RD 4/1/2010	CONSTRUCT OUTFALL CHANNEL															
Total Project Cost Information: Preliminary Engineering \$16,807 ROW Purchase: \$85,750 Construction Engineering: \$20,580 Construction Cost: \$343,000 Contingencies: \$24,010 Indirect Costs: \$11,834 Total Project Cost: \$501,981		Year of Expenditure (YOE) Project Cost Information: <table border="1"> <thead> <tr> <th>Fund Cat</th> <th>Federal</th> <th>State</th> <th>Local</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1-PRV MNT</td> <td>\$274,400</td> <td>\$68,600</td> <td>\$0</td> <td>\$343,000</td> </tr> <tr> <td>YOE Cost:</td> <td>\$274,400</td> <td>\$68,600</td> <td>\$0</td> <td>\$343,000</td> </tr> </tbody> </table>	Fund Cat	Federal	State	Local	Total	1-PRV MNT	\$274,400	\$68,600	\$0	\$343,000	YOE Cost:	\$274,400	\$68,600	\$0	\$343,000
Fund Cat	Federal	State	Local	Total													
1-PRV MNT	\$274,400	\$68,600	\$0	\$343,000													
YOE Cost:	\$274,400	\$68,600	\$0	\$343,000													

HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #124

Amendment Type	
<input checked="" type="checkbox"/> Administrative Action	<input type="checkbox"/> TPC Action
<input type="checkbox"/> Emergency	
<input checked="" type="checkbox"/> STIP Revision	<input type="checkbox"/> Public Meeting Needed

Purpose of Amendment:

Split out outfall channel from CSJ 0543-02-047 and delay both projects to FY 2010.

Approved By:

Alan Clark
MPO Director
Houston-Galveston Area Council

Date

Elvia R. Cardinal, P.E.
Director of Advanced Transportation Planning
TxDOT, Houston District

AMENDED TABLE

FY 2010 PROJECTS

COUNTY	SPONSOR	PROJECT DESCRIPTION
CSJ NUMBER	STREET	PROJECT LENGTH
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)
TXDOT DISTRICT	TO LIMIT	
PHASE	LET DATE	
FORT BEND	TXDOT HOUSTON DISTRICT	WIDEN FROM 2-LANES TO 4-LANES RURAL
0543-02-047	FM 359	
494	WEST OF FARMER RD	2.370 MILES
HOUSTON	US 90A	Programmed with MPO ARRA funds.
C	2/1/2010	
Total Project Cost Information:		Year of Expenditure (YOE) Project Cost Information:
Preliminary Engineering	\$745,192	Fund Cat
ROW Purchase:	\$3,802,000	Federal
Construction Engineering:	\$912,480	State
Construction Cost:	\$15,208,000	Local
Contingencies:	\$1,064,560	Total
Indirect Costs:	\$524,676	ARRA
Total Project Cost:	\$22,256,908	\$15,208,000
		\$0
		\$0
		\$15,208,000
		YOE Cost: \$15,208,000
		\$0
		\$0
		\$15,208,000
FORT BEND	TXDOT HOUSTON DISTRICT	CONSTRUCT OUTFALL CHANNEL
0543-02-061	FM 359	
14634	AT 0.52 MILES SOUTH OF FARMERS RD	
HOUSTON	.	
C	4/1/2010	
Total Project Cost Information:		Year of Expenditure (YOE) Project Cost Information:
Preliminary Engineering	\$16,807	Fund Cat
ROW Purchase:	\$85,750	Federal
Construction Engineering:	\$20,580	State
Construction Cost:	\$343,000	Local
Contingencies:	\$24,010	Total
Indirect Costs:	\$11,834	1-PRV MNT
Total Project Cost:	\$501,981	\$274,400
		\$68,600
		\$0
		\$343,000
		YOE Cost: \$274,400
		\$68,600
		\$0
		\$343,000

HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #124

ORIGINAL TABLE		
FY 2009 PROJECTS		
COUNTY	SPONSOR	PROJECT DESCRIPTION
CSJ NUMBER	STREET	PROJECT LENGTH
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)
TXDOT DISTRICT	TO LIMIT	
PHASE	LET DATE	
FORT BEND	TXDOT HOUSTON DISTRICT	WIDEN FROM 2-LANES TO 4-LANES RURAL
0543-02-047	FM 359	
494	WEST OF FARMER RD	
HOUSTON	US 90A	Programmed with MPO ARRA funds.
C	7/1/2009	
Total Project Cost Information:		Year of Expenditure (YOE) Project Cost Information:
Preliminary Engineering	\$745,192	Fund Cat
ROW Purchase:	\$3,802,000	Federal
Construction Engineering:	\$912,480	State
Construction Cost:	\$15,208,000	Local
Contingencies:	\$1,064,560	Total
Indirect Costs:	\$524,676	
Total Project Cost:	\$22,256,908	ARRA
		\$15,208,000
		\$0
		\$0
		\$0
		\$15,208,000
		YOE Cost: \$15,208,000
		\$0
		\$0
		\$0
		\$15,208,000

**HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #126**

Amendment Type	
<input checked="" type="checkbox"/> Administrative Action	<input type="checkbox"/> TPC Action
<input type="checkbox"/> Emergency	
<input checked="" type="checkbox"/> STIP Revision	<input type="checkbox"/> Public Meeting Needed

Purpose of Amendment:

For CSJ 3049-01-027, modify the western limit from Benson Gully to SH 3, delay the project from FY 2009 to FY 2010, and add reference to Phase I. Add reference to Phase II to CSJ 3049-01-022 and correct project length.

Approved By:


Alan Clark
MPO Director
Houston-Galveston Area Council

7/24/09
Date


FOR Elvia R. Cardinal, P.E.
Director of Advanced Transportation Planning
TxDOT, Houston District

7/24/09
Date

AMENDED TABLE						
COUNTY	SPONSOR	PROJECT DESCRIPTION				
CSJ NUMBER	STREET	PROJECT LENGTH				
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)				
TXDOT DISTRICT	TO LIMIT	COMMENTS				
PHASE	LET DATE					
FY 2010 PROJECTS						
GALVESTON	TXDOT HOUSTON DISTRICT	WIDENING FROM 2 LANES TO 4-LANE DIVIDED WITHOUT GRADE SEPARATION (PHASE I)				
3049-01-027	FM 646	1.434 MILES				
13877	SH 3					
HOUSTON	IH 45					
C	7/1/2010					
Total Project Cost Information:		Year of Expenditure (YOE) Project Cost Information:				
Prelim. Engineering:	\$495,535	Fund Cat	Federal	State	Local	Total
ROW Purchase:	\$2,528,240	7-STP-MM	\$5,292,000	\$1,323,000	\$0	\$6,615,000
Constr. Engineering:	\$606,778	LOCAL	\$0	\$0	\$3,497,960	\$3,497,960
Construction Cost:	\$10,112,960	YOE Cost:	\$5,292,000	\$1,323,000	\$3,497,960	\$10,112,960
Contingencies:	\$707,907					
Indirect Costs:	\$348,897					
Total Project Cost:	\$14,800,317					
APPENDIX D/SHORT RANGE						
GALVESTON	TXDOT HOUSTON DISTRICT	WIDEN FROM 2 TO 4 LANES DIVIDED WITH OVERPASS BRIDGE				
3049-01-022	FM 646	(PHASE II)				
514	EDMUNDS WAY	2.115 MILES				
HOUSTON	FM 1266					
C	12/1/2012					

HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #126

Amendment Type	
<input checked="" type="checkbox"/> Administrative Action	<input type="checkbox"/> TPC Action
<input type="checkbox"/> Emergency	
<input checked="" type="checkbox"/> STIP Revision	<input type="checkbox"/> Public Meeting Needed

Purpose of Amendment:

For CSJ 3049-01-027, modify the western limit from Benson Gully to SH 3, delay the project from FY 2009 to FY 2010, and add reference to Phase I. Add reference to Phase II to CSJ 3049-01-022 and correct project length.

Approved By:

Alan Clark	Date	Elvia R. Cardinal, P.E.	Date
MPO Director		Director of Advanced Transportation Planning	
Houston-Galveston Area Council		TxDOT, Houston District	

AMENDED TABLE		
COUNTY	SPONSOR	PROJECT DESCRIPTION
CSJ NUMBER	STREET	PROJECT LENGTH
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)
TXDOT DISTRICT	TO LIMIT	COMMENTS
PHASE	LET DATE	
FY 2010 PROJECTS		
GALVESTON	TXDOT HOUSTON DISTRICT	WIDENING FROM 2 LANES TO 4-LANE DIVIDED WITHOUT GRADE SEPARATION (PHASE I)
3049-01-027	FM 646	
13877	SH 3	1.434 MILES
HOUSTON	IH 45	
C	7/1/2010	
<u>Total Project Cost Information:</u>		<u>Year of Expenditure (YOE) Project Cost Information:</u>
Prelim. Engineering:	\$495,535	<u>Fund Cat</u>
ROW Purchase:	\$2,528,240	<u>Federal</u>
Constr. Engineering:	\$606,778	<u>State</u>
Construction Cost:	\$10,112,960	<u>Local</u>
Contingencies:	\$707,907	<u>Total</u>
Indirect Costs:	\$348,897	7-STP-MM
Total Project Cost:	\$14,800,317	LOCAL
		\$5,292,000
		\$1,323,000
		\$0
		\$3,497,960
		\$6,615,000
		\$3,497,960
		\$10,112,960
		YOE Cost: \$5,292,000 \$1,323,000 \$3,497,960 \$10,112,960
APPENDIX D/SHORT RANGE		
GALVESTON	TXDOT HOUSTON DISTRICT	WIDEN FROM 2 TO 4 LANES DIVIDED WITH OVERPASS BRIDGE
3049-01-022	FM 646	(PHASE II)
514	EDMUNDS WAY	2.115 MILES
HOUSTON	FM 1266	
C	12/1/2012	

HOUSTON-GALVESTON MPO
2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM
AMENDMENT #126

ORIGINAL TABLE		
COUNTY	SPONSOR	PROJECT DESCRIPTION
CSJ NUMBER	STREET	PROJECT LENGTH
MPO ID	FROM LIMIT	EMISSIONS BENEFITS (CMAQ PROJECTS ONLY)
TXDOT DISTRICT	TO LIMIT	
PHASE	LET DATE	
FY 2009 PROJECTS		
GALVESTON	TXDOT HOUSTON DISTRICT	
3049-01-027	FM 646	WIDENING FROM 2 LANES TO 4-LANE DIVIDED
13877	BENSON GULLY	0.953 MILES
HOUSTON	IH 45	
C	4/1/2009	
Total Project Cost Information:		Year of Expenditure (YOE) Project Cost Information:
Prelim. Engineering:	\$495,535	Fund Cat
ROW Purchase:	\$2,528,240	Federal
Constr. Engineering:	\$606,778	State
Construction Cost:	\$10,112,960	Local
Contingencies:	\$707,907	Total
Indirect Costs:	\$348,897	7-STP-MM
Total Project Cost:	\$14,800,317	LOCAL
		\$5,292,000
		\$1,323,000
		\$0
		\$3,497,960
		\$6,615,000
		\$3,497,960
		\$10,112,960
		\$5,292,000
		\$1,323,000
		\$3,497,960
		\$10,112,960
APPENDIX D		
GALVESTON	TXDOT HOUSTON DISTRICT	
3049-01-022	FM 646	WIDEN FROM 2 TO 4 LANES DIVIDED WITH OVERPASS BRIDGE
514	EDMUNDS WAY	2.156 MILES
HOUSTON	FM 1266	
C	12/1/2012	