



Houston-Galveston Area Council

TIP Call for Projects Application Draft Review

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This is a draft copy of a TIP Call for Projects application. This application is not an official submission.

If you have any questions regarding your application, please contact us at tip@h-gac.com.

Project Information

Project Title

FM 521 (FM 2234 to SH6)

Primary Agency

Fort Bend County

Date Submitted

Project Narrative

Describe the primary problems to be addressed by the project (Project Need).**1500 characters max**

The proposed project (the "Project") is widening FM 521 to a boulevard section that replaces the undivided roadway. The boulevard section improves traffic control and reduces left turning conflicts. The Project is a continuation of FM 521 improvements from Sam Houston Toll Road to FM 2234 (north of the Project). Added capacity is needed to reduce congestion and maintain an acceptable Level of Service. The Project will improve regional mobility by connecting Sam Houston Toll Road to SH 6 and improve access to residential areas of Pearland, Fresno, and Arcola. The Project will also improve local mobility to residents and commerce to allow for economic development.

Describe the primary outcomes to be achieved by the project (Project Purpose).**1500 characters max**

The Project improves and completes the connectivity between Sam Houston Tollway and SH 6.

Describe the proposed improvement (Facility/Limits/Description).**1500 characters max**

The Project consists of the following improvements. • Construct a four-lane boulevard • Improve and replace aged and undersized bridge and culvert crossings • Improve traffic signals and connect traffic signals to adjacent railroad signals • Create pedestrian access along east side of roadway

Describe any alternatives to the proposed improvement which have been considered or will be evaluated.**3000 characters max**

None

Please describe any opportunities for staged construction of the project.**1500 characters max****Staged Construction Attachment**

Project Development/Readiness

Has a scoping meeting been conducted with TxDOT or FTA?

Note: A brief scoping meeting will be scheduled during the application review period for any "Major Investment" project which has not already had one.

No

Please attach a completed scoping checklist or meeting summary.**What level of environmental documentation is required for the proposed project?**

Categorical Exclusion (CE)

Which CE does the proposed project scope qualify for?

(d)(1) Modernization of a highway

Will any permits from the Army Corps of Engineers, US Coast Guard, railroad, etc. be required

before the project can be constructed?

Yes

Please describe the permits needed and the timeline anticipated to acquire them.

1000 characters max

Nationwide permits for stream crossings from the Army Corps of Engineers, typically takes 90 days.

Please provide an estimated completion date for the 30% Design/PS&E milestone.

Will additional property, or interest in property (easement), be required to implement the project?

No

How many parcels or portions thereof remain to be acquired?

Please provide an estimated date for the completion of property acquisition necessary for construction activities to begin.

Has a utility evaluation been completed for the project?

No

Please describe the process for utility adjustments/relocations (entity responsible, financial responsibility, etc.).

N/A

Will the project improve or significantly affect infrastructure owned or operated by another agency?

No

Please describe the affect and supply evidence of support from the affected agency.

Evidence of Agency Support Attachment

Please describe previous and upcoming public involvement activities related to the proposed project.

No public meetings or mailouts have occurred or are planned at this time.

Public Involvement Attachment

Please provide any additional project development/readiness information relevant to the proposed project.

I don't believe any of these activities have occurred.

Additional Project Development/Readiness Attachment

Map/Location

**Please provide a clear and concise GIS coverage or PDF map of the proposed project.
(*.mpk ESRI Map Package file preferred)**

FM521 Google Earth Map.pdf

Project Budget

Please attach a completed project budget worksheet.

Templates are available on the 2015 TIP Call Website

Uploaded files are limited to Word Documents, Excel Spreadsheets, PDFs, GIS files, and image files.

File size cannot exceed 30MB.

Is this application for a transit project, ITS project, or other project that would have a significant ongoing operating/maintenance cost?

No

Please attach a completed 5-year annual operating budget worksheet.

Templates are available on the 2015 TIP Call Website

Uploaded files are limited to Word Documents, Excel Spreadsheets, PDFs, GIS files, and image files.

File size cannot exceed 30MB.

Are transportation development credits being requested?

No

Please attach a completed TDC application.

Templates are available on the 2015 TIP Call Website

Uploaded files are limited to Word Documents, Excel Spreadsheets, PDFs, GIS files, and image files.

File size cannot exceed 30MB.

Evaluation Questions - Major Investments

Benefit/Cost Methodology

Please attach the completed BCA Excel worksheet and narrative explanation of analyses used

BCA Excel spreadsheet

Analysis Narrative

Narrative Benefits

Safety: Please provide additional description of project benefits.

Safety Narrative Attachment

Congestion: Please provide additional description of project benefits.

Congestion Narrative Attachment

Asset Management/Operations: Please provide additional description of project benefits.

Asset Mgmt/Ops Narrative Attachment

Regional Economic Competitiveness: Please provide additional description of project benefits.

Econ Competitiveness Narrative Attachment

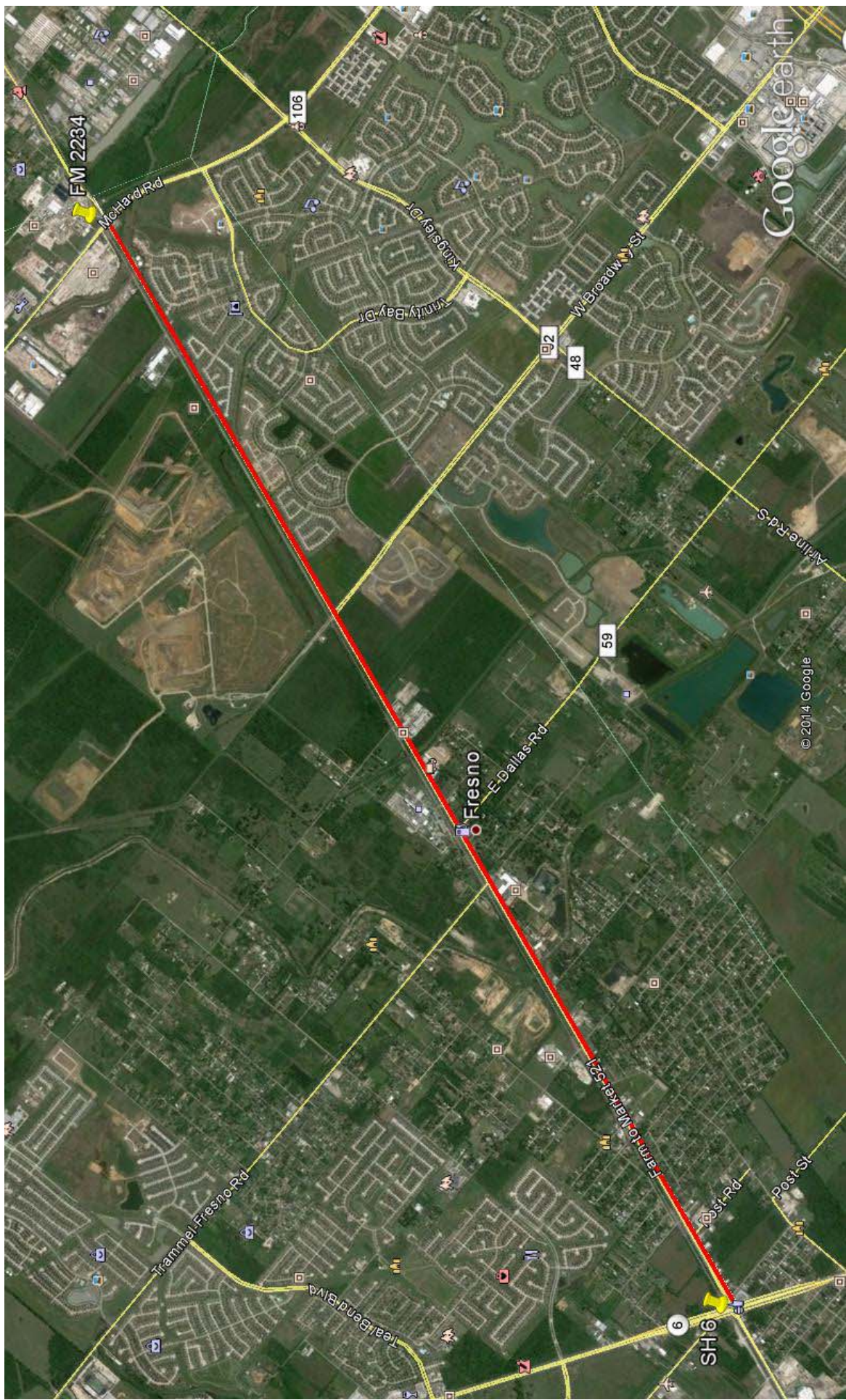
Natural/Cultural Resources: Please provide additional description of project benefits.

Environment Narrative Attachment

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Google earth

miles
km













































3 6



FM 521: From FM 2234 to SH 6, TIP Application No: 300264, CSJ: 0027-12-XXX

Project Expenditures ('000s)	Fiscal Year (Sept 1 - Aug 31)										Project Total
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Planning/Environmental	789,957	66,300									856,257
Design	379,322	1,617,109									1,996,431
Property/ROW Acquisition											---
Utility Relocation											---
Construction Phase 1			12,714,795	10,990,755							23,705,550
Construction Phase 2			1,077,525	13,576,815	6,680,655						21,334,995
Other			431,010	1,508,535	215,505						2,155,050
Total Expenditures	1,169,279	1,683,409	14,223,330	26,076,105	6,896,160	---	---	---	---	---	50,048,283
Project Funding ('000s)	50,048,283										
Local - Bond											---
Local - General Revenue	865,821	389,722	2,844,666	5,215,221	1,379,232						10,694,662
Local - Private Contributions											---
TxDOT - Other	303,458	1,293,687	11,378,664	20,860,884	5,516,928						39,353,621
Other											---

REQUESTED (H-GAC/TxDOT)											---
Total Funding	1,169,279	1,683,409	14,223,330	26,076,105	6,896,160	---	---	---	---	---	50,048,283
	50,048,283										

FM 521 Ft. BEND SCHEDULE [PRE-DESIGN]																													
Task Name		Duration	Start	Finish	Predecessors	2015				2016				2017				2018				2019				2020			
ID						Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1			
1		1 day	Mon 5/18/15	Mon 5/18/15																									
2		1 day	Mon 9/14/15	Mon 9/14/15	1																								
3		1 day	Mon 11/16/15	Mon 11/16/15	1																								
4		1 day	Tue 2/24/15	Tue 2/24/15																									
5		1 day	Wed 2/25/15	Wed 2/25/15	4																								
6																													
7																													
8																													
9	ENVIRONMENTAL [EA]	315 days	Wed 8/5/15	Tue 10/18/16																									
10		120 days	Wed 8/5/15	Tue 11/19/16	31SS																								
11		65 days	Wed 1/20/16	Tue 4/19/16	10																								
12		1 day	Wed 1/20/16	Wed 1/20/16	10																								
13		1 day	Mon 5/23/16	Mon 5/23/16	11																								
14		25 days	Tue 5/24/16	Mon 6/27/16	11																								
15		10 days	Tue 6/28/16	Mon 7/11/16	14																								
16	FHWA Review	71 days	Tue 7/12/16	Tue 10/18/16																									
17		1 day	Tue 7/12/16	Tue 7/12/16	15																								
18		30 days	Wed 7/13/16	Tue 8/23/16	17																								
19		10 days	Wed 8/24/16	Tue 9/6/16	18																								
20		10 days	Wed 9/7/16	Tue 9/20/16	19																								
21		20 days	Wed 9/21/16	Tue 10/18/16	20																								
22																													
23																													
24	PRELIMINARY ENGINEERING	167 days	Mon 3/2/15	Tue 10/20/15																									
25		112 days	Mon 3/2/15	Tue 8/4/15																									
26		90 days	Mon 3/2/15	Fri 7/3/15	25SSS																								
27		76 days	Mon 4/6/15	Mon 7/20/15	25SSS																								
28		26 days	Mon 4/6/15	Mon 5/11/15	25SSS																								
29		127 days	Mon 4/6/15	Tue 9/29/15	25SSS																								
30		140 days	Mon 3/2/15	Fri 9/11/15	25SSS																								
31		25 days	Wed 8/5/15	Tue 9/8/15	25																								
32		15 days	Wed 9/9/15	Tue 9/29/15	31																								
33		15 days	Wed 9/30/15	Tue 10/20/15	32																								
34																													
35																													
36	PS&E	262 days	Mon 10/26/15	Tue 10/25/16																									
37		226 days	Mon 10/26/15	Mon 9/5/16	33																								
38		20 days	Mon 10/26/15	Fri 11/20/15	37SS																								
39		51 days	Mon 11/23/15	Mon 2/1/16	37SS																								
40		216 days	Mon 10/26/15	Mon 8/22/16	37SS																								
41		1 day	Tue 9/6/16	Tue 9/6/16	37																								
42		25 days	Wed 9/7/16	Tue 10/11/16	41																								
43		10 days	Wed 10/12/16	Tue 10/25/16	42																								
44																													
45																													
46																													
47	CONSTRUCTION - PHASE I	413 days	Mon 3/27/17	Wed 10/24/18																									
48		41 days	Mon 3/27/17	Mon 5/22/17	43																								
49		1 day	Mon 5/22/17	Mon 5/22/17	48																								
50		329 days	Mon 5/22/17	Thu 8/23/18	49																								
51		329 days	Mon 5/22/17	Thu 8/23/18	49																								
52		329 days	Mon 5/22/17	Thu 8/23/18	49																								
53		44 days	Fri 8/24/18	Wed 10/24/18	50,51,52																								
54																													
55																													
56	CONSTRUCTION - PHASE II	413 days	Fri 12/1/17	Tue 7/2/19																									
57		45 days	Fri 12/1/17	Thu 2/1/18																									
58		1 day	Thu 2/1/18	Thu 2/1/18	50,51,52,57																								
59		324 days	Thu 2/1/18	Tue 4/30/19	58																								
60		324 days	Fri 2/2/18	Wed 5/1/19	58																								
61		324 days	Fri 2/2/18	Wed 5/1/19	58																								
62		44 days	Thu 5/2/19	Tue 7/2/19	59,60,61																								

		Task	Split	Milestone	Summary	Project Summary	External Tasks	External Milestone	Inactive Task	Inactive Milestone	Inactive Summary	Manual Task	Manual Summary	Manual Summary Rollup	Finish-only	Progress	Deadline
Project: FiBendSchedule1214 Date: Wed 1/7/15																	
G:/1120/0047-97/Admin/Schedule/FiBendSchedule1214.mpp		Page 1															