

City of Pearland Documents of Public Support

1. City of Pearland Resolution
2. Brazoria County Resolution
3. TxDOT Letter of Support
4. Baytran
5. Greater 288 Partnership



City of Pearland

3519 Liberty Drive
Pearland, Texas 77581
Tel: 281.652.1600
pearlandtx.gov

January 12, 2015

Mr. Alan Clark
MPO Director
Houston-Galveston Area Council
P.O. Box 22777
3555 Timmons
Houston, Texas 77227-2777

RE: 2015-2018 Transportation Improvement Program Call for Projects

Dear Mr. Clark,

I am delighted to formally announce my support for the City of Pearland's submissions for the 2015-2018 Call for Projects conducted by H-GAC's Transportation Improvement Program. City staff has carefully evaluated and assessed the City's transportation needs and have developed submittals consisting of the most significant thoroughfare projects to be completed in the upcoming years.

At this time, the City of Pearland is pleased to submit for HGAC's consideration, the following 2015-2018 TIP candidate projects:

- Mykawa Road Expansion
- CR 403 Expansion
- SH 288 Frontage Road
- Safe Routes to School
- Clear Creek Trail

If you have any questions or comments regarding the City's submissions, please contact Trent Epperson, Assistant City Manager at tepperson@pearlandtx.gov or 281-652-1657.

Sincerely,

A handwritten signature in black ink that reads "Tom Reid".

Mayor Tom Reid

RESOLUTION NO. R2014-153


A Resolution of the City Council of the City of Pearland, Texas, authorizing the City Manager or his designee to submit five project applications to the Houston-Galveston Area Council for inclusion in the 2015-2018 Transportation Improvement Plan, and allocating matching funds for the construction of each project.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PEARLAND, TEXAS:

Section 1. That the City Manager or his designee is hereby authorized to submit five project applications, described in Exhibit "A" attached hereto, to the Houston-Galveston Area Council for inclusion in the 2015-2018 Transportation Improvement Plan.


Section 2. That the City's proposed share of the local match for each project is described in Exhibit "A".

PASSED, APPROVED and ADOPTED this the 15th day of December, A.D.,
2014.



TOM REID
MAYOR


ATTEST:



YOUNG LORFING, TRMC
CITY SECRETARY



APPROVED AS TO FORM:



DARRIN M. COKER
CITY ATTORNEY

Exhibit A

Project Name	Limits	Funding Year	Total Project Cost	City Contribution	TxDOT Contribution
CR 403 Expansion	CR94 to Cullen	2016	\$25,329,387	\$5,065,877	\$20,263,510
Mykawa Road	Clear Creek to Broadway	2017	\$31,695,370	\$6,339,074	\$25,356,296
Safe Routes to School	Jr. High South	2016	\$581,007	\$116,201	\$464,806
	Cockrell Elementary		\$ 500,004	\$100,001	\$ 400,003
	Carleston Elementary		<u>\$1,298,411</u>	<u>\$ 259,682</u>	<u>\$1,038,729</u>
	Totals		\$2,379,422	\$ 475,884	\$1,903,538
Clear Creek Trail	North of Riverstone to U of H Campus	2017	\$6,246,888	\$1,249,378	\$4,997,510
SH288 NB Feeder	FM518 to CR59	2017	\$10,922,101	\$2,184,420	\$8,737,681
Total			\$76,573,168	\$15,314,634	\$61,258,534

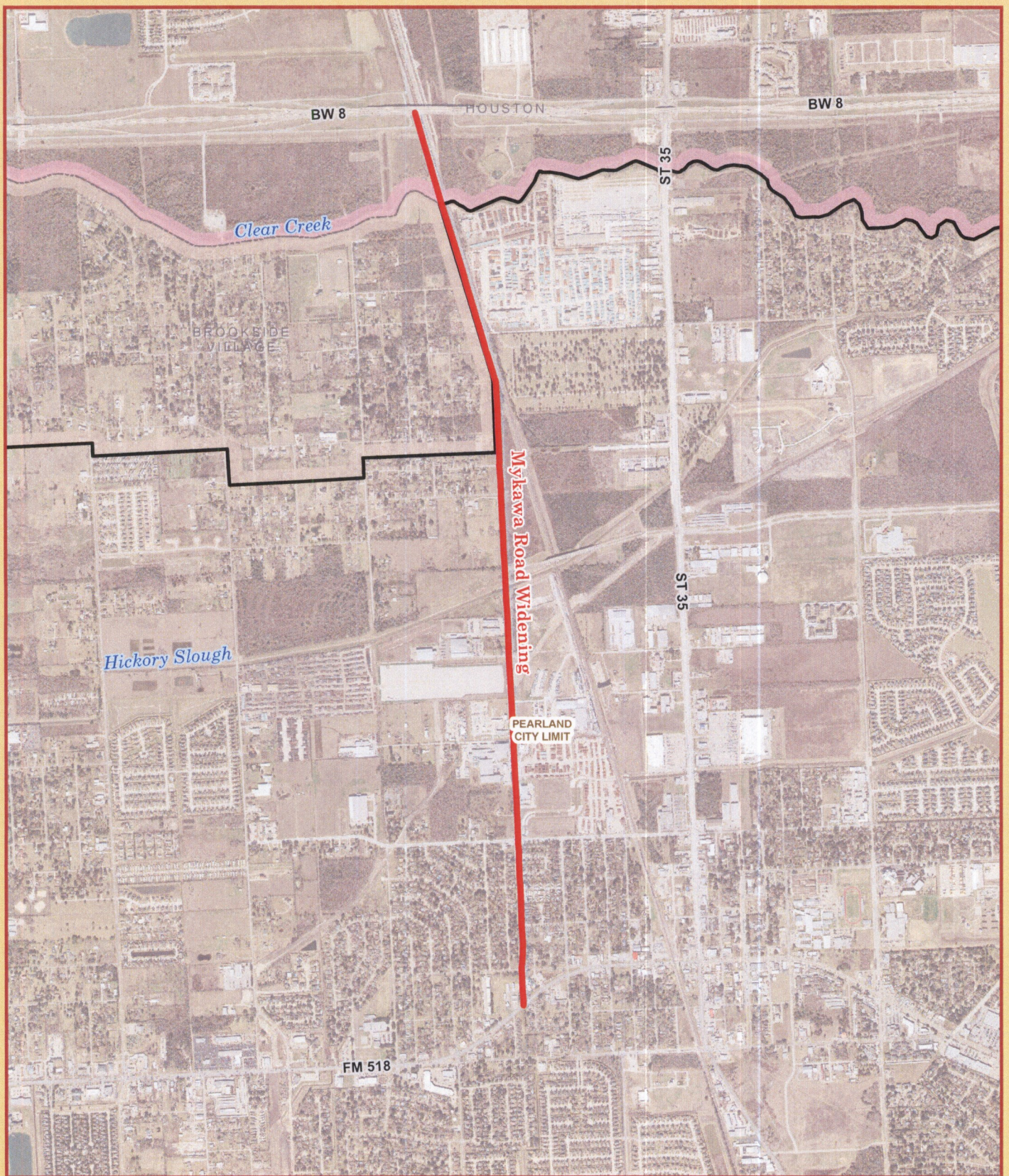


PEARLAND TIP SUBMITTAL
Hughes Ranch Road
(Formerly CR 403)



1 inch = 2,000 feet
OCT 2014
GIS DEPARTMENT

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.



PEARLAND TIP SUBMITTAL
Mykawa Road Widening



1 inch = 2,000 feet
 OCT 2014
 GIS DEPARTMENT

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PEARLAND TIP SUBMITTAL
SH 288 Northbound Frontage Road



1 inch = 1,000 feet

OCT 2014
 GIS DEPARTMENT

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

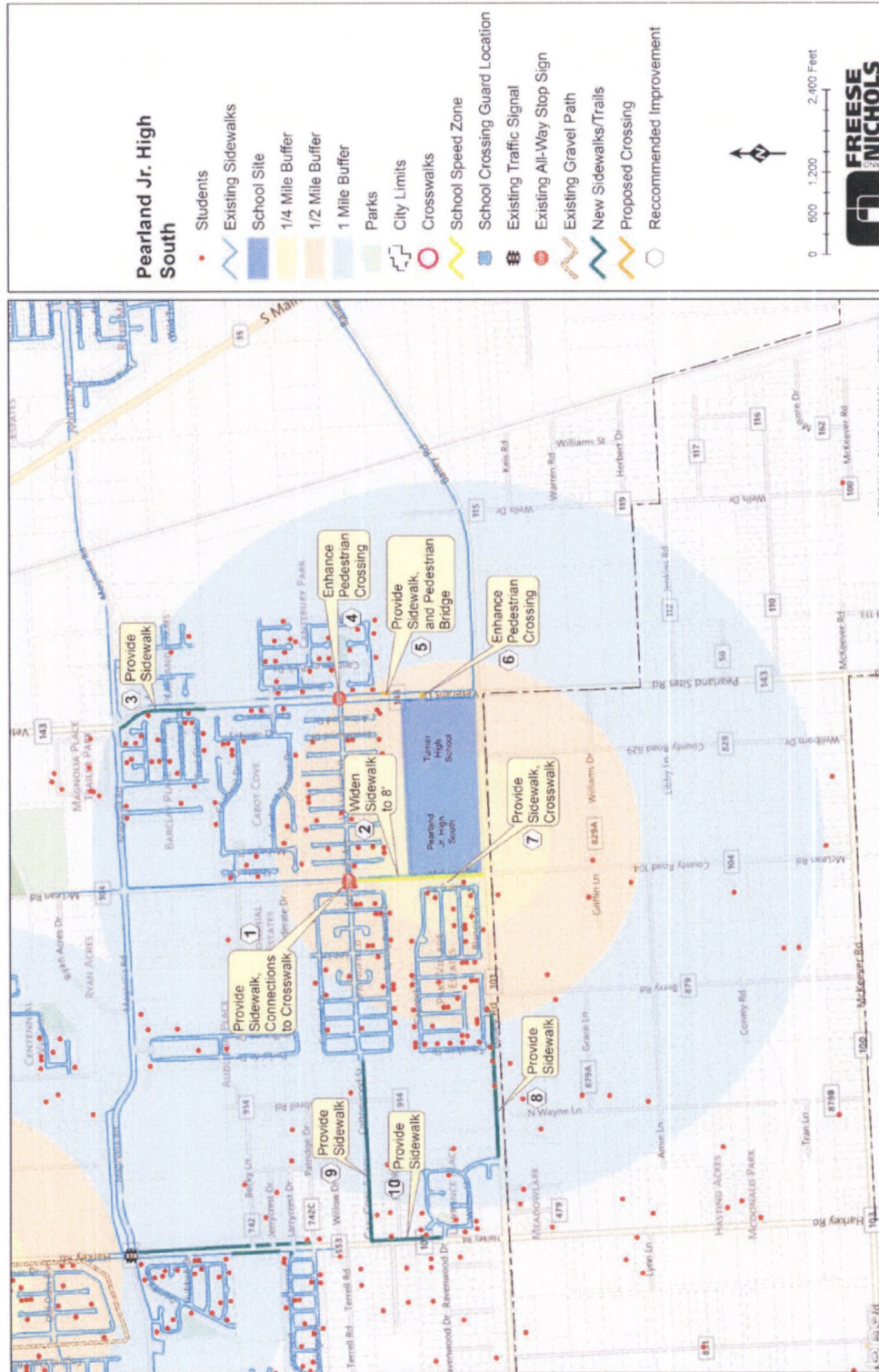


Figure 8B. Pearland JH South Proposed SRTS Enhancements

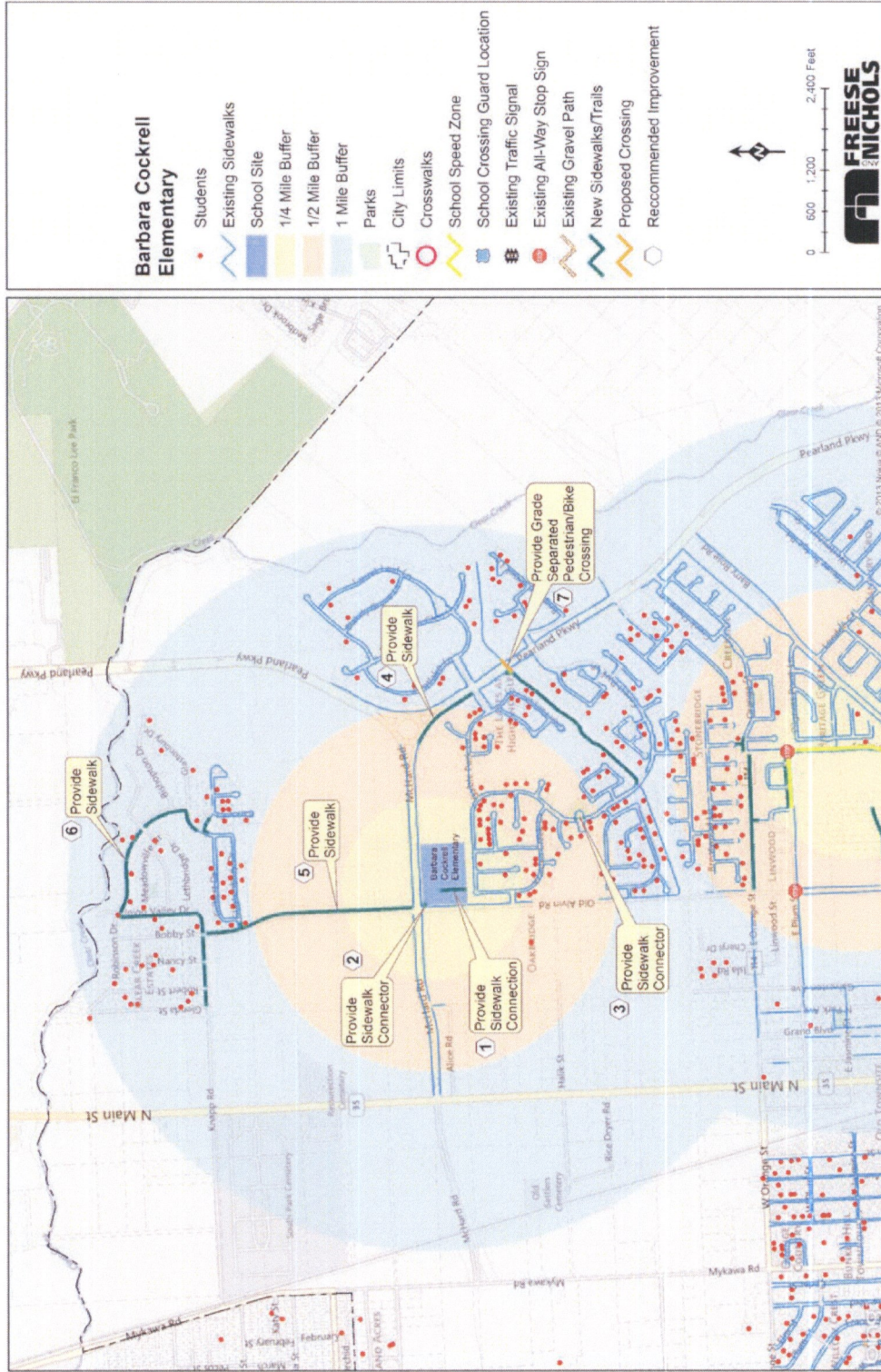


Figure 4B. Cockrell Elementary Proposed SRTS Enhancements

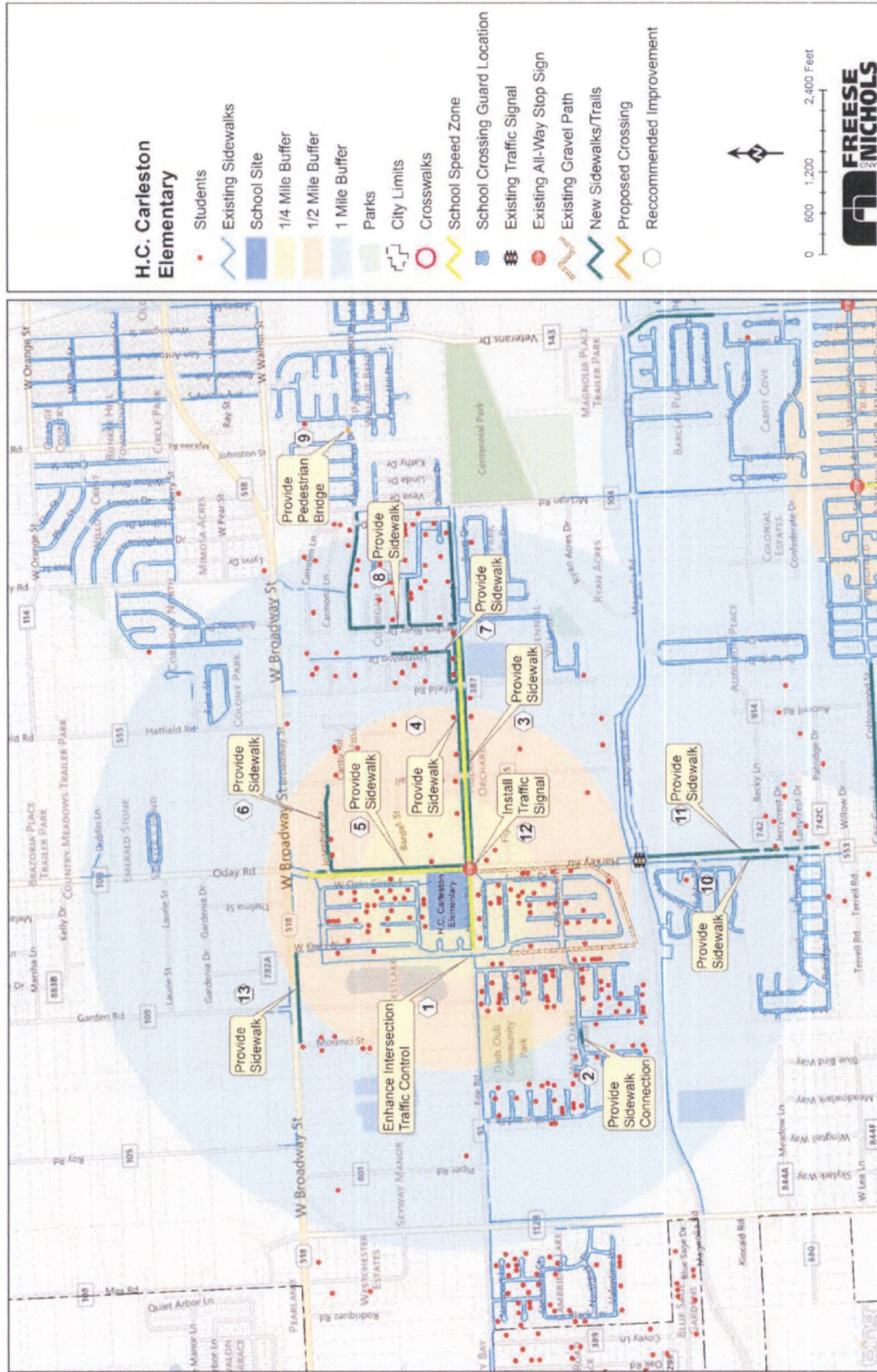


Figure 2B. Carleston Elementary Proposed SRTS Enhancements

SAFE ROUTES TO SCHOOL SELECTION PROCESS

1. Freese and Nichols Engineering submitted a Safe Routes to School (SRTS) Plan report, identifying seven (7) schools within the Pearland and Alvin school districts that it recommended for the SRTS program.
2. City of Pearland Projects staff made site visits and created aerial maps in GIS of all identified locations.
3. Areas of pavement to be installed or replaced were measured, and the location of bridges and ADA ramps to be installed was determined based on GIS data.
4. The number of trees and driveways to be removed and replaced were counted based on GIS data.
5. The number of traffic signals, flashers, signs, crosswalks, and traffic warrant studies was identified based on the recommendations.
6. Unit costs were applied to all items using City of Pearland standard specifications and details; an average of TxDOT's 12-month average costs, Public Works' paving contract, BNI Costbook, and Capital Projects engineer's estimates; information from the Assistant Director of Projects, ROW Manager, City Engineer, and Traffic Manager.
7. Based on the units of work identified, a raw cost was assigned to each improvement. An additional 45% was added for easement acquisition and drainage construction (if either condition existed), 5% of raw cost plus easement and drainage cost for CMT, and 15% of the total for design.
8. The top five (5) improvements for each school recommended in Freese and Nichols' report were then selected for further prioritization.
9. The number of single-family households within a two-mile radius of each school was identified in GIS, with the number of units in multi-family complexes identified by direct phone contact with the complex management.
10. Crash data for the past three (3) years was obtained from the City of Pearland Police Dept. Dispatch OSSl.
11. Street categorization and speed limit was obtained from the City of Pearland Thoroughfare Plan. For improvements within school zones, the school zone speed limit was used.
12. The traffic count per street segment was obtained from a 2010 Daily Model Volumes study by CDM Smith for the Engineering Dept.
13. All data was compiled in a spreadsheet matrix and ratings of 1-5 were assigned to each category. The ratings were weighted so that safety factors (street category, traffic level, speed limit, crash data) comprised 50% and were inversely proportional to cost factors (cost per household, drainage, ROW/easement acquisition) which comprised the other 50%.
14. Average Cost Per Household By School and Average Weighted Score By School were calculated, and the three (3) schools with the highest average weighted scores were selected.
15. Challenger was not selected because the majority of improvements will be done as part of another project.

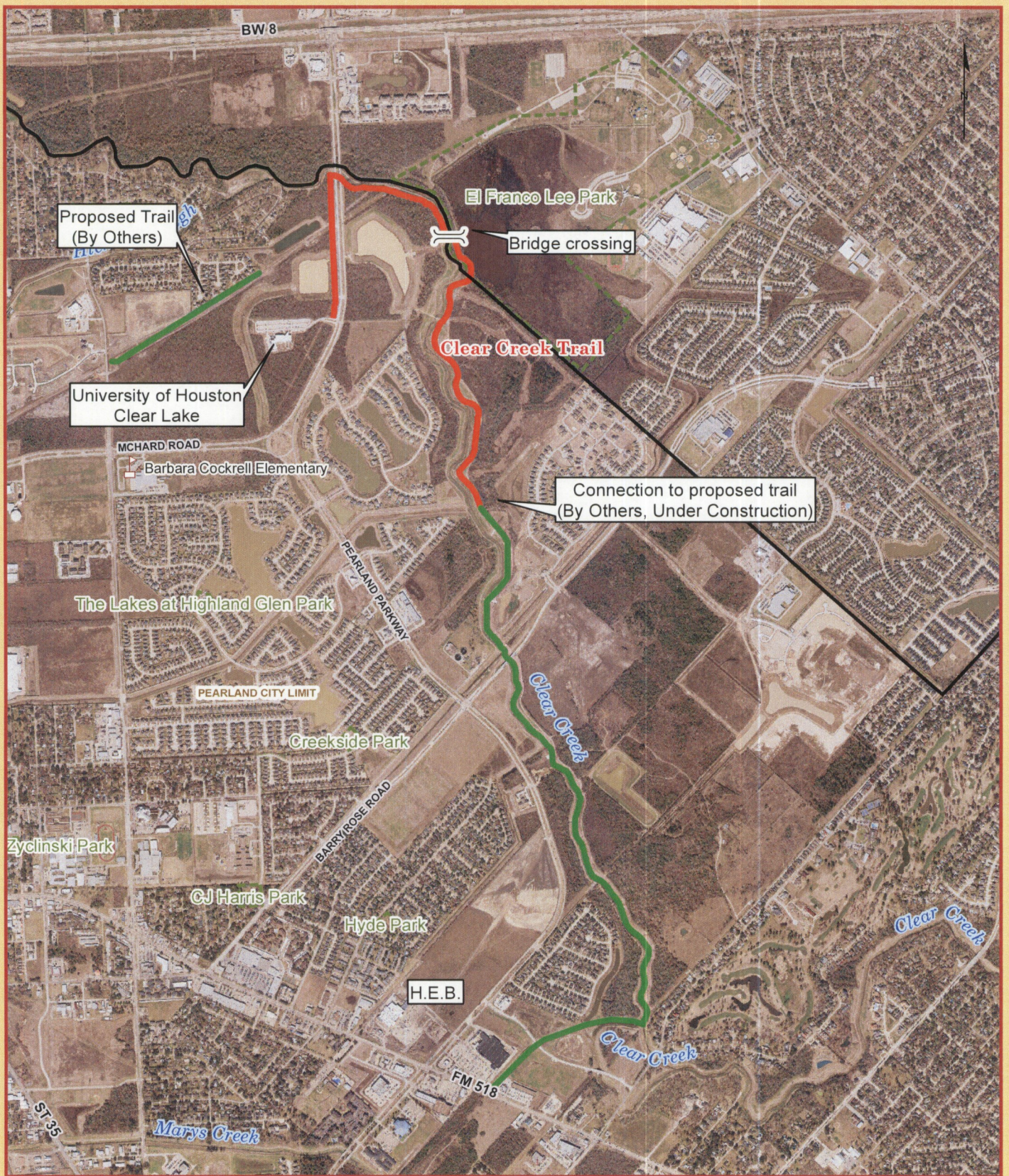
**SRTS Prioritization
June 2014**

Weighing	Carlestown				Challenger				Cockrell				Harris				Lawhon				Pearland JHS				York															
	Carlestown 1	Carlestown 2	Carlestown 3	Carlestown 4	Carlestown 5	Challenger 1	Challenger 2	Challenger 3	Challenger 4	Challenger 5	Cockrell 1	Cockrell 2	Cockrell 3*	Cockrell 4	Cockrell 5	Harris 1	Harris 2	Harris 3	Harris 4	Harris 5	Lawhon 1	Lawhon 2	Lawhon 3	Lawhon 4	Lawhon 5	PJHS 1	PJHS 2	PJHS 3	PJHS 4	PJHS 5	York 1	York 2	York 3	York 4**	York 5**					
0.25	3.00	1.00	3.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	1.00	5.00	0.00	5.00	3.00	2.00	1.00	2.00	2.00	1.00	3.00	0.00	3.00	1.00	1.00	2.00	3.00	4.00	4.00	4.00	5.00	5.00	1.00	0.00	0.00					
0.25	4.00	1.00	3.00	2.00	2.00	4.00	4.00	4.00	4.00	4.00	1.00	4.00	0.00	5.00	3.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	2.00	4.00	4.00	3.00	2.00	2.00	1.00	0.00	0.00					
0.25	3.00	2.00	3.00	3.00	3.00	1.00	1.00	1.00	1.00	1.00	1.00	5.00	5.00	5.00	3.00	1.00	3.00	3.00	3.00	3.00	4.00	4.00	1.00	1.00	1.00	2.00	1.00	4.00	4.00	1.00	2.00	2.00	1.00	0.00	0.00					
0.25	2.00	1.00	5.00	5.00	4.00	1.00	1.00	1.00	1.00	1.00	1.00	5.00	2.00	2.00	2.00	1.00	2.00	5.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.00	4.00	2.00	1.00	3.00	3.00	1.00	0.00	0.00					
Subtotals	3.00	1.25	3.50	3.25	3.25	2.50	2.50	2.50	2.50	2.50	1.00	2.75	0.00	4.25	2.75	1.25	2.75	1.75	1.00	2.50	1.00	1.50	2.25	1.00	1.00	1.50	2.50	4.00	3.50	2.25	3.00	3.00	1.00	0.00	0.00					
Cost Factors																																								
Drainage Construction	0.33	5.00	5.00	5.00	1.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	0.00	4.00	1.00	5.00	1.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	0.00			
ROW/Easement Acquisition	0.33	5.00	5.00	5.00	1.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	0.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	0.00		
Cost Per Household	0.33	5.00	1.00	2.00	2.00	1.00	5.00	4.00	3.00	3.00	4.00	5.00	0.00	3.00	3.00	3.00	1.00	1.00	5.00	2.00	1.00	1.00	3.00	4.00	5.00	4.00	4.00	2.00	5.00	3.00	2.00	4.00	4.00	4.00	4.00	4.00	0.00			
Subtotals	5.00	3.67	4.00	1.33	3.67	5.00	4.67	4.33	4.33	5.00	4.67	5.00	0.00	4.00	3.00	4.33	2.33	3.33	5.00	4.00	2.33	3.33	3.00	3.33	5.00	4.33	4.67	2.67	5.00	3.00	4.00	4.67	4.67	4.67	4.67	0.00				
Total Weighted Score	8.00	4.48	7.50	4.58	6.92	7.50	7.17	6.83	6.83	7.50	6.87	7.75	0.00	8.26	5.75	5.68	5.58	5.58	6.75	6.08	4.83	4.58	5.26	4.33	6.00	5.83	7.17	6.87	8.50	5.26	7.87	5.87	5.87	5.87	5.87	0.00				
Households Served	448	448	448	448	29	1414	249	347	347	249	309	158	500	75	500	383	89	89	239	91	500	10	278	221	135	135	303	514	157	678	850	265	187	187	187	0.00				
Total Cost	\$ 21.70	\$ 9,720.00	\$ 47,659.00	\$ 1,473,372	\$ 4,526,338	\$ 40,409.00	\$ 1,389.00	\$ 155,412.00	\$ 447,877	\$ 1,389.00	\$ 18,996.00	\$ 896.00	\$ 346,927.00	\$ 27,545.00	\$ 367,277	\$ 191,797.00	\$ 157,986.00	\$ 957,838.00	\$ 9,972.00	\$ 65,622.00	\$ 188,627.00	\$ 221,741.00	\$ 166,920.00	\$ 17,606.00	\$ 7,882.00	\$ 12,498.00	\$ 124,749.00	\$ 172,026.00	\$ 12,498.00	\$ 56,239.00	\$ 42,922.00	\$ 42,922.00	\$ 42,922.00	\$ 42,922.00	\$ 42,922.00	\$ 0.00				
Cost Per Household	\$ 21.70	\$ 1,537.39	\$ 47,659.00	\$ 1,473,372	\$ 4,526,338	\$ 40,409.00	\$ 1,389.00	\$ 155,412.00	\$ 447,877	\$ 1,389.00	\$ 18,996.00	\$ 346,927.00	\$ 27,545.00	\$ 367,277	\$ 191,797.00	\$ 157,986.00	\$ 957,838.00	\$ 9,972.00	\$ 65,622.00	\$ 188,627.00	\$ 221,741.00	\$ 166,920.00	\$ 17,606.00	\$ 7,882.00	\$ 12,498.00	\$ 124,749.00	\$ 172,026.00	\$ 12,498.00	\$ 56,239.00	\$ 42,922.00	\$ 42,922.00	\$ 42,922.00	\$ 42,922.00	\$ 42,922.00	\$ 42,922.00	\$ 0.00				
Average Cost Per Household By School	\$ 21.70	\$ 1,537.39	\$ 47,659.00	\$ 1,473,372	\$ 4,526,338	\$ 40,409.00	\$ 1,389.00	\$ 155,412.00	\$ 447,877	\$ 1,389.00	\$ 18,996.00	\$ 346,927.00	\$ 27,545.00	\$ 367,277	\$ 191,797.00	\$ 157,986.00	\$ 957,838.00	\$ 9,972.00	\$ 65,622.00	\$ 188,627.00	\$ 221,741.00	\$ 166,920.00	\$ 17,606.00	\$ 7,882.00	\$ 12,498.00	\$ 124,749.00	\$ 172,026.00	\$ 12,498.00	\$ 56,239.00	\$ 42,922.00	\$ 42,922.00	\$ 42,922.00	\$ 42,922.00	\$ 42,922.00	\$ 42,922.00	\$ 0.00				
Average Weighted Score By School	8.00	4.48	7.50	4.58	6.92	7.50	7.17	6.83	6.83	7.50	6.87	7.75	0.00	8.26	5.75	5.68	5.58	5.58	6.75	6.08	4.83	4.58	5.26	4.33	6.00	5.83	7.17	6.87	8.50	5.26	7.87	5.87	5.87	5.87	5.87	5.87	0.00			

*Unable to locate.

**Completed.

Street Category	Rank	Traffic Count	Speed Limit	3-Yr. Crash Data	Drainage	ROW/Easement	Cost per Household	Rank
Major Thoroughfare	5	10,000+	5	8+	None	No	\$0-\$60	5
Secondary Thoroughfare	4	7,500-9,999	4	6-7	Simple		\$61-\$250	4
Major Collector	3	5,000-7,499	3	4-5	Medium		\$251-\$700	3
Minor Collector	2	2,500-4,999	2	2-3	Complex		\$701-\$1,500	2
Neighborhood	1	0-2,499	1	0-1		Yes	>\$1,500	1



PEARLAND TIP SUBMITTAL
Clear Creek Trail



1 inch = 2,000 feet
 OCT 2014
 GIS DEPARTMENT

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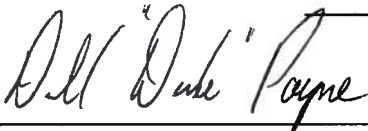
RESOLUTION

IN SUPPORT OF THE CITY OF PEARLAND'S APPLICATIONS TO HOUSTON-GALVESTON AREA COUNCIL

BE IT RESOLVED BY THE BRAZORIA COUNTY COMMISSIONERS' COURT:

That the Brazoria County Commissioners' Court hereby supports the City of Pearland's applications to the Houston-Galveston Area Council for inclusion in the 2015-2018 Transportation Improvement Plan.

Approved this 23rd day of December, 2014.



Commissioner, Precinct 1
Donald "Dude" Payne



Commissioner, Precinct 3
Stacy L. Adams


County Judge E.J. King





Commissioner, Precinct 2
L.M. "Matt" Sebesta, Jr.



Commissioner, Precinct 4
Larry Stanley

**CERTIFIED COPY
BRAZORIA COUNTY COMMISSIONERS' COURT**

ORDER NO. V.A.10.c.

**RE: RESOLUTION IN SUPPORT OF THE
CITY OF PEARLAND'S APPLICATION
TO HOUSTON-GALVESTON AREA
COUNCIL FOR PROJECTS**

The City of Pearland is preparing applications for the projects listed below to be included in the 2015-2018 Transportation Improvement Plan.

Project Name	Limits
CR 403 Expansion	CR94 to Cullen
Mykawa Road	Clear Creek to Broadway
Safe Routes to School Carleston Elementary	Jr. High South Cockrell Elementary
Clear Creek Trail	North of Riverstone to U of H Campus
SH288 NB Feeder	FM518 to CR59

Approve the attached Resolution in support of these applications.

Further, that a certified copy of this order and the signed Resolution be furnished to the County Engineer for distribution to all parties involved.

Motion to Approve by Commissioner Payne, seconded by Commissioner Sebesta that the above action be taken by the Court.

Passed: 5-0

Aye: Judge King, Commissioner Payne, Commissioner Sebesta, Commissioner Adams,
Commissioner Stanley
Nay: (None)

STATE OF TEXAS §

COUNTY OF BRAZORIA §

**I, Joyce Hudman, Clerk County Court and Ex-Officio Clerk of the
Commissioners' Court of Brazoria County, Texas, do hereby certify that the
foregoing is a true and correct copy of that certain:**

ORDER NO. V.A.10.c.

**RE: RESOLUTION IN SUPPORT OF THE
CITY OF PEARLAND'S APPLICATION
TO HOUSTON-GALVESTON AREA
COUNCIL FOR PROJECTS**

as passed by the Commissioners' Court on the 23rd day of DECEMBER, A.D., 2014, SPECIAL Term of Commissioners' Court and as the same appear(s) in the Commissioners' Court Records of Brazoria County, Texas.

**GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 23rd
DAY OF DECEMBER, A. D., 2014.**

JOYCE HUDMAN, Clerk County Court
and Ex-Officio Member of the Commissioners'
Court of Brazoria County, Texas

By: _____

I. Briones
I. Briones, Deputy





Texas Department of Transportation

P. O. Box 1386 | HOUSTON, TEXAS 77251-1386 | (713) 802-5300 | WWW.TXDOT.GOV

January 9, 2015

Mr. Alan Clark
MPO Director
Houston-Galveston Area Council
P.O. Box 22777
Houston, TX 77227-2777

Subject: City of Pearland Sponsored TIP Application
(SH 288 Frontage Road from CR 59 to FM 518)

Dear Mr. Clark,

Our Department has been notified by the City of Pearland of their pursuit of funding for SH 288 frontage roads from CR 59 to FM 518 in the 2015 Call for Projects.

After reviewing the proposed project, TxDOT offers its full support of this effort and the City of Pearland's application.

Thank you for your attention and consideration in this matter. Please contact Mr. Andrew Mao, P.E., at (713) 802-5301 if you have further questions.

Sincerely,

Michael W. Alford, P.E.
District Engineer
Houston District

Cc: Trent Epperson (City of Pearland)
David Wurdlow (H-GAC)



January 7, 2015

Mr. Alan Clark
Manager of Transportation Planning
Houston-Galveston Area Council
P.O. Box 22777
Houston, Texas 77227-2777

RE: 2015 Transportation Improvement Program Call for Projects – SH 288 North Bound Frontage Road

Dear Mr. Clark:

On behalf of the Board of Directors of the Bay Area Houston Transportation Partnership (BayTran), I am pleased to submit this letter of support for TIP candidate project SH 288 North Bound Frontage Road from FM 518 to County Road 59. Presently, there is significant congestion on FM 518 east of SH 288 caused by the lack of ingress and egress points to a large commercial development in the Southeast corner of SH 288 and FM 518. The only alternative to using FM 518 is via residential streets and minor collectors. This proposed project is designed to relieve area congestion and provide relief to the single main access point from the southeast corner of the retail center onto FM 518. BayTran strongly endorses this project to relieve congestion in the area and enhance mobility to the residents living on both sides of SH 288 along the southern boundary of the city and its ETJ.

BayTran is the regional Transportation Management Organization (TMO) for the Houston Bay Area, and was established to address transportation, mobility, and air quality issues in the region. As the regional TMO, the BayTran recognizes the significant transportation benefit the SH 288 north bound frontage road will provide to Pearland and the surrounding communities. In addition to the transportation improvement, this project also promotes economic development. The new frontage road will provide direct access to prime commercial property and will make 54 acres of commercial frontage available for immediate development.

Please accept this letter as BayTran's full support for funding this City of Pearland project, SH 288 North Bound Frontage Road, in the 2015 Transportation Improvement Program (TIP) Call for Projects. Thank you for your consideration of this critical mobility project.

Sincerely,

A handwritten signature in black ink that reads "Barbara G. Koslov". The signature is written in a cursive, flowing style.

Barbara G. Koslov
President, Bay Area Houston Transportation Partnership



RESOLUTION NO. R2014-153

A Resolution of the City Council of the City of Pearland, Texas, authorizing the City Manager or his designee to submit five project applications to the Houston-Galveston Area Council for inclusion in the 2015-2018 Transportation Improvement Plan, and allocating matching funds for the construction of each project.

WHEREAS, The Greater 288 Partnership an advocacy for regional transportation solutions, believes authorizing the City Manager or his designee to submit five project applications to the Houston-Galveston Area Council for inclusion in the 2015-2018 Transportation Improvement Plan, and allocating matching funds for the construction of each project will provide for better future thoroughfare planning through that part of Pearland, and have a positive impact on the economic growth potential for this area

NOW, THEREFORE, BE IT ORDAINED BY THE GREATER 288 PARTNERSHIP: That the Board of Directors of the Greater 288 Partnership hereby expresses its full support for City of Pearland, Texas, Resolution No. R2104-153, and encourages the passage of same.

January 10, 2015



Kevin Cole, Chairman of The Board