



22 June 2021
 To: Mayor and City Council members
 Update on the Safe Routes to School grant work progressing (slowly with TxDOT involvement).
 Clay

Safe Routes to School

Is It In Budget?		Is it on Schedule for the Current Phase per the Contract?		Community Benefit <i>Provide safe mobility for pedestrians within the "no bus" areas near public schools.</i>
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Project Phase?				
Engineering/Design				

Highlights:

The project design engineer, Gauge Engineering, kicked off the design of the Safe Routes to School project after the City received the Federal Project Authorization and Agreement (FPAA) from TxDOT on August 19, 2020. While design phase services are not eligible for reimbursement, the design phase must meet all TxDOT standard design and environmental requirements.

To date, the design has progressed to approximately 90%. The Project Team has been in constant communications and coordination with Brazoria Drainage District 4 (BDD4) and TxDOT as the design is being developed to ensure all major drainage ditch crossings options meet approvals.

TxDOT's responsibilities during design phase include review and approval of the 60%, 90%, and 95% milestones.

- Work completed to date includes:
 - Submission of 90% plans and specifications on May 3, 2021.
 - City Staff and TxDOT are reviewing the 90% submission.
 - On May 24, 2021 the project team received the following comments from TxDOT:
 - TxDOT informed the City that they were not comfortable using the existing bridge at the Hickory Slough crossing at Old Alvin, just south of Knapp Rd. as previously instructed by TxDOT staff. This change in TxDOT direction has caused a delay and is the main cause for the project not being on schedule.
 - The project engineer now needs to refer to the 60% submission to complete the bridge layout and foundation design at this location and update the current plan set utilizing a prefabricated pedestrian bridge system.
 - Adding the bridge back into the design will require a scour analysis and revisions to the geotechnical report with additional costs. Staff is questioning this decision and its cost implications.
 - The scheduled submission date for the 95% plans is June 21, 2021 and if the bridge design will impact this deadline, the bridge can be broken out into a separate project in which funds from the SRTS project can be transferred into.
- City Staff is working to complete the review of the 90% submission and Gauge is working to add the bridge design to meet the June 21 deadline.



TxDOT has not yet returned 90% comments on the Traffic Control Plan, surveying, environmental and drainage reports.

- Ongoing work includes:
 - Continued coordination with BDD4 and TxDOT
 - Address 90% comments from the City, BD4, and TxDOT.
 - Continued efforts to meet the next milestone in order to make the November 2021 bid date.

Budget Info:

Funding Sources	Series	To Date	Future	Total Budget
General Revenue - Cash				-
Certificates of Obligation	2020A	773,400		773,400
Certificates of Obligation				-
General Obligation Bonds				-
General Obligation Bonds				-
W/S Revenue Bonds				-
Impact Fee - Debt				-
Other Funding Sources - HGAC TIP		2,553,600		2,553,600
Other Funding Sources - Fund Balance		435,000		435,000
Total Funding Sources		3,762,000	-	3,762,000

Expenditures	To Date	Future	Total
PER			-
Land	100	190,000	190,100
Design	301,363	10,000	311,363
Construction		2,180,944	2,180,944
Construction Management/Inspection		180,000	180,000
Construction Materials Testing		45,000	45,000
FF&E			-
Total Expenditures	301,463	2,605,944	2,907,407

Project Contingency	20%	750,000
Project Balance		104,593

Schedule Info:

	<i>Base Line</i>	<i>Current</i>
<i>Design Start</i>	June-19	July-20
<i>Bid Start</i>	September-21	October-21
<i>Construction Start</i>	February-22	
<i>Proposed Construction Completion</i>	August-22	

Upcoming Work Items:

In the next 30 days, the 95% design plans should be submitted for review by June 21, 2021. This submission will begin the TxDOT 5 month review process.

Project Manager: Jennifer Lee



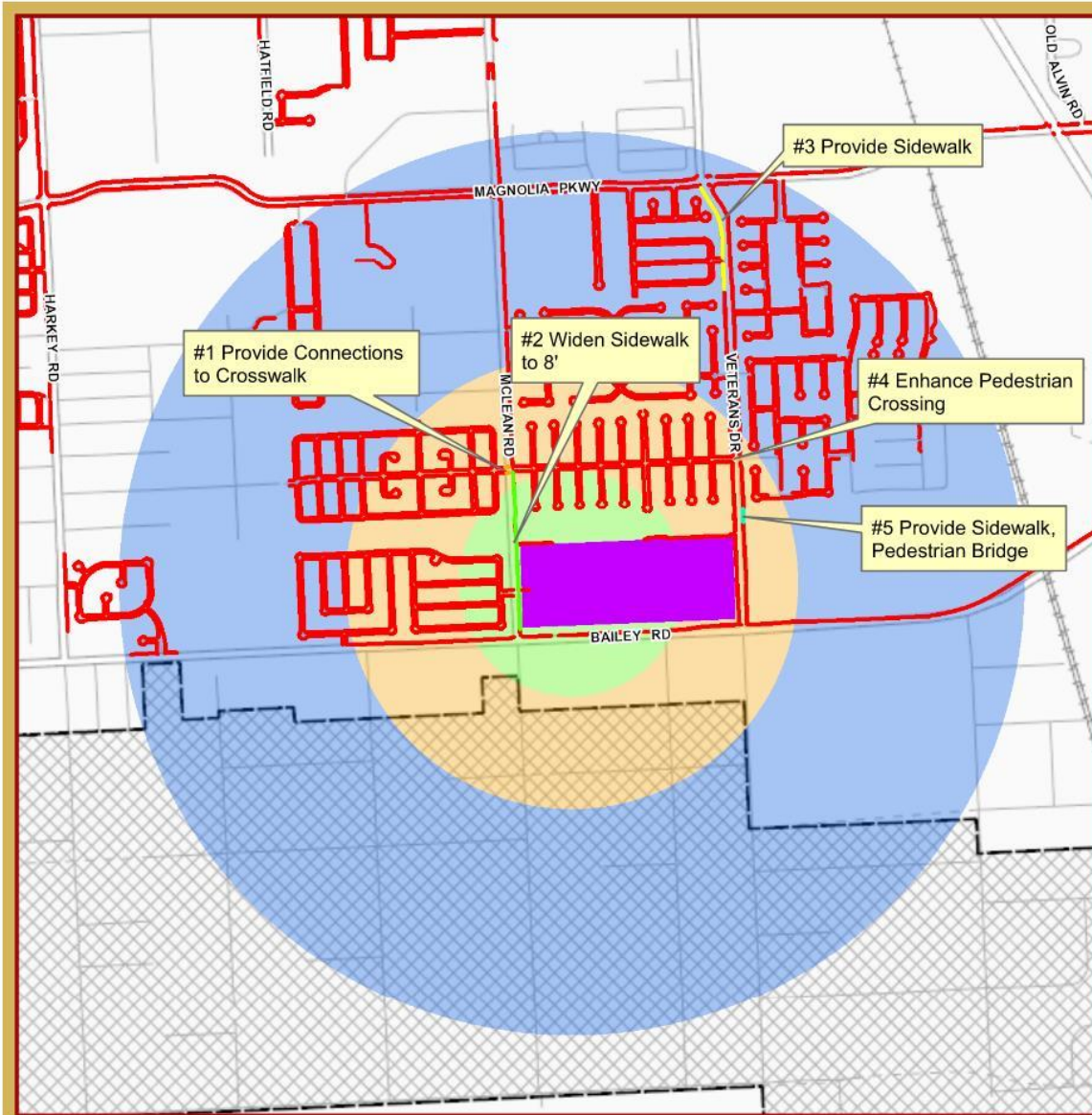
Designer: Gauge Engineering

Contractor: N/A

Scope: As defined in the Advance Funding Agreement, the project consists of the construction of approximately four and half miles of sidewalks in various locations, near Carleston Elementary, Cockrell Elementary, and Pearland Jr. High School and two pedestrian bridges across Hickory Slough and one pedestrian bridge on the east side of Veterans at the drainage ditch.

Justification: Facilitate safe pedestrian mobility to schools and encourage reduced driving, traffic calming and other safety measures along these routes. Locations have been coordinated with the Safe Routes to School Study and street projects.

Previous Memos: 05/02/19, 04/30/20, 12/10/20, 03/04/21



SAFE ROUTES TO SCHOOL

Pearland Junior High South

-  Pedestrian Bridge
-  Provide Sidewalk
-  Widen Sidewalk
-  Provide Crossing
-  Existing Sidewalk
-  Pearland Junior High South
-  1/4 Mile Buffer
-  1/2 Mile Buffer
-  1 Mile Buffer
-  ETJ

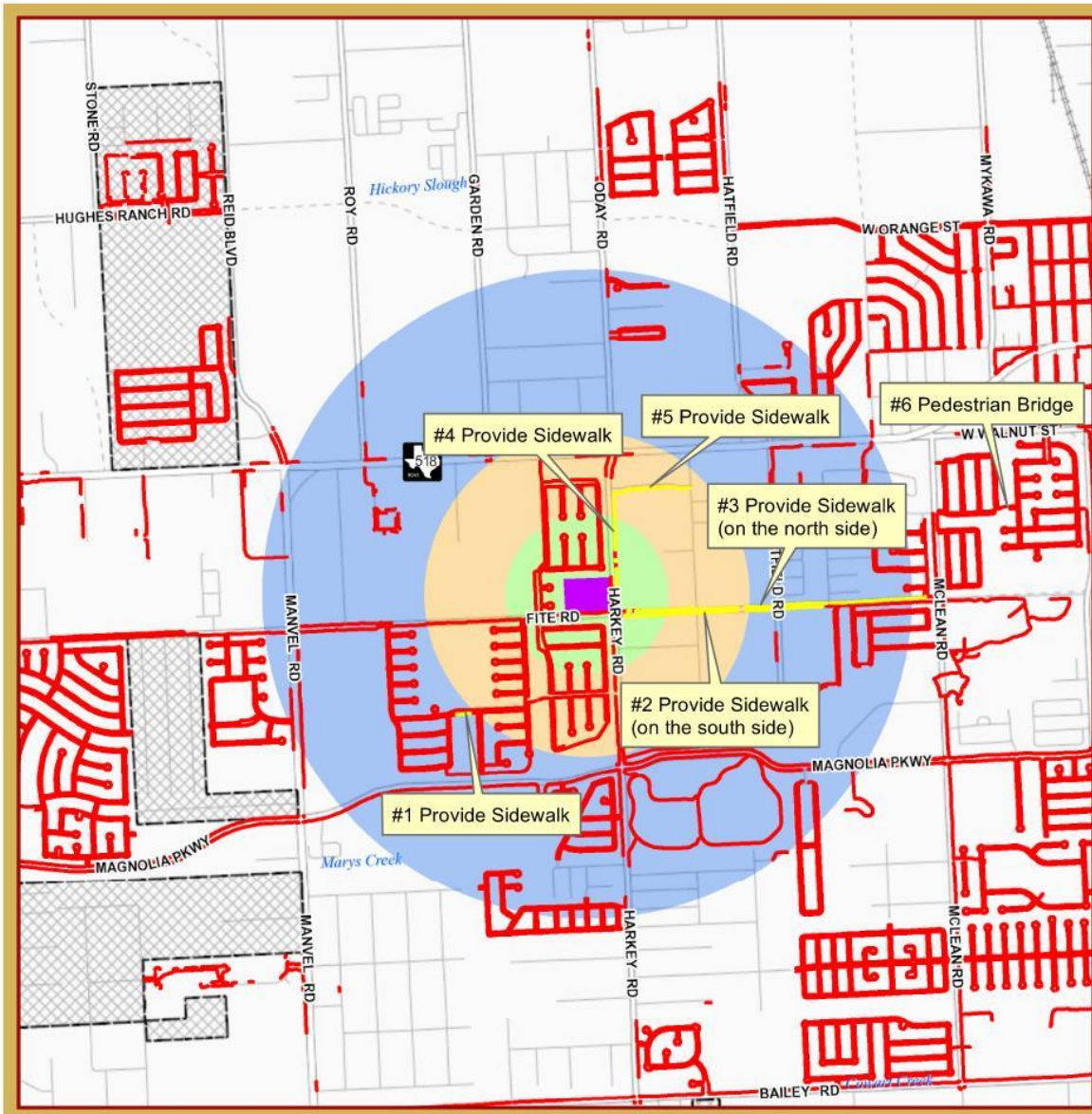


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1 inch = 1,667 feet

MAY 2019
GIS DEPARTMENT





SAFE ROUTES TO SCHOOL

H.C. Carleston Elementary

- Provide Sidewalk
- Existing Sidewalk
- H.C. Carleston Elementary
- 1/4 Mile Buffer
- 1/2 Mile Buffer
- 1 Mile Buffer
- ETJ

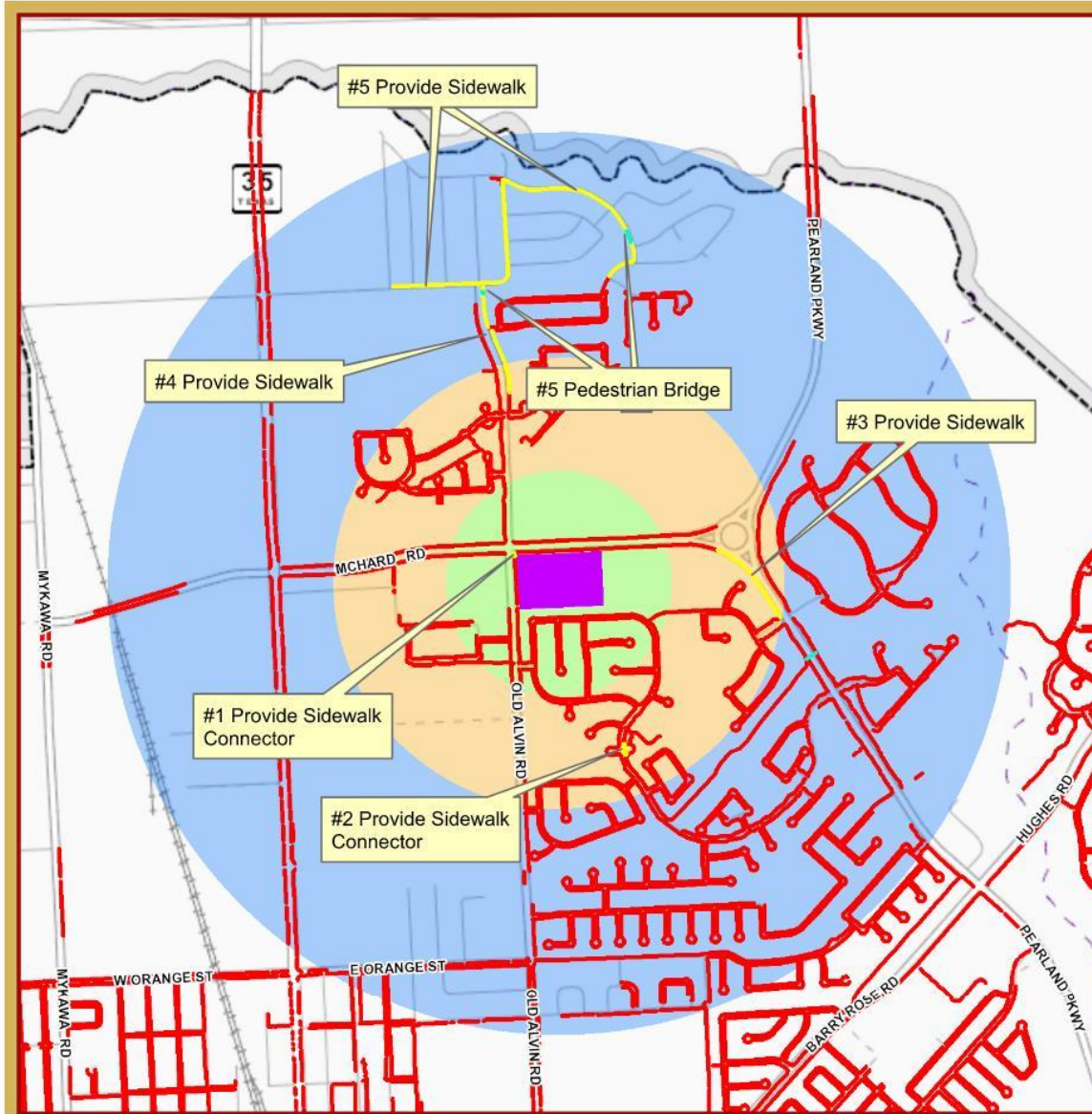


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1 inch = 2,300 feet

APRIL 2020
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SAFE ROUTES TO SCHOOL

Barbara Cockrell Elementary

- Pedestrian Bridge
- Provide Sidewalk
- Existing Sidewalk
- Barbara Cockrell Elementary
- 1/4 Mile Buffer
- 1/2 Mile Buffer
- 1 Mile Buffer



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MAY 2019
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