



March 29, 2022

Chris Whittaker
City Manager
City of Angleton
121 S. Velasco Street
Angleton, Texas 77515

**Re: Proposal for Engineering Quiet Zone Reaffirmation Project
City of Angleton, Texas**

Dear Mr. Whittaker:

HDR Engineering, Inc. (HDR) is pleased to submit this proposal for the required Quiet Zone Reaffirmation Project. The proposal is based on our conversations held with the Federal Railroad Administration (FRA) representative. For your convenience, this proposal consists of Project Understanding, Scope of Services, Fee Summary, Schedule and Terms and Conditions Sections.

PROJECT UNDERSTANDING:

The City of Angleton has been notified by the FRA of deficiencies at the six (6) railroad crossings that require improvements to remain compliant with the current quiet zone regulations. The City of Angleton has addressed these issues at the crossing and now is awaiting confirmation from the FRA that they are in compliance with the current code. On March 4, 2022, the FRA requested that the City provide a quiet zone reaffirmation which includes updated inventory and traffic counts at each crossing.

Our understanding of the requested tasks includes the following:

- 1) Obtain current traffic counts at each crossing and parallel street.
- 2) Review FRA inspection reports and recommended adjustments to safety measures.
- 3) Review existing conditions (post FRA inspection corrections).
- 4) Review incident records in FRA database and local law enforcement agency.
- 5) Update the FRA QZ database with the traffic data and any other information and recalculate the QZ Risk Index (QZRI) to confirm it is still within the FRA acceptable National Significant Risk Threshold (NSRT).
- 6) Recommend additional Alternative Safety Measures (ASM) or Supplemental Safety Measures (SSM).
- 7) Provide markup of proposed required improvements.

hdrinc.com

4828 Loop Central Drive, Suite 800
Houston, Texas 77081-2220
T 713-622-9264 F 713-622-9265
Texas Registered Engineering Firm F-754, Suite 1000, Houston, TX 77027-7139
(713) 622-9264

SCOPE OF SERVICES:

HDR will provide the following Scope of Services for this project:

A. Project Management

Communicate with the City to manage the project to completion within the schedule and budget established in the contract.

B. Traffic Counts/Analysis

A subcontractor will be utilized to collect traffic movements for a 24-hour period at the six (6) crossings and the parallel streets adjacent to them. This data will include average number and types of vehicles (trucks, trains, and school buses, etc.) passing the crossings and parallel roadways on an average day.

C. Quiet Zone Reaffirmation Report.

HDR will prepare the City of Angleton's Quiet Zone Reaffirmation documentation for the City to execute and submit to the FRA. Tasks included in this task include:

1. Create an inventory of existing safety measures at each crossing.
2. Review the collected data on the traffic counts and identify average daily traffic loading.
3. Input newly collected traffic counts and safety measure inventory at each crossing in the FRA provided spreadsheet and format.
4. Draft Notice of Intent (NOI) for the City to review, execute and submit to FRA.
5. Revise the QZ Risk Index (QZRI). Please note that railroad crossing closures utilized in the previous NOI/NOE will not be allowed in the new QZRI calculations.
6. Review existing field conditions and identify if additional supplemental safety measures are required in the field to bring the crossing into compliance.
7. Prepare exhibits identifying additional safety measure required to establish a quiet zone using aerial mapping with notes. Full design plans including survey are not included in this proposal. If it is determined that full design will be required, HDR will submit a separate proposal for those services.
8. Provide markup of FRA Crossing Inventory and submit to TXDOT for their review and input into FRA inventory database
9. Conduct two meetings at the Draft and Final submittal will be held to receive input from City staff.
10. Provide a draft Notice of Establishment (NOE) to the City to review.
11. Provide final package to the City to execute and submit to the FRA.

The City will need to provide HDR their login information to the City's FRA Quiet Zone Account and be responsible for any fee associated with submittals to the FRA or UPRR on Reaffirmation of the Quiet Zone process.

D. Reimbursable Expenses

- A budgetary amount will be allocated for typical reimbursable expenses such as reproduction, courier services, mileage, etc. The cost for plans and specifications for review sets and construction documents to be provided to the City and other review agencies will be included in this task at cost Plus 10%. Mileage will be charged at prevailing IRS rates.

E. Additional Services

- Additional Services shall only be performed when directed by the City to HDR. These services are not considered normal or customary engineering services. Additional Services may include, but not be limited to, the following:
 - Services resulting from significant changes in the extent of the project or its design including but not limited to changes in size, complexity, the City's schedule, or character of construction or method of financing; and revising previously accepted studies, reports design documents or Contract Documents when such revisions are due to causes beyond HDR's control.
 - Preparing documents for alternate bids outside of the original scope requested by the City or documents for out of sequence work.
 - Preparing to serve or serving as a consultant or witness for the City in any litigation, public hearing or other legal or administrative proceeding involving the Project.
- HDR will endeavor to appraise the City of any potential additional or extended services that may result from the above listed items, prior to HDR's expenditure of time on such services. As previously noted, any such extended or additional services shall only be performed when directed by the City to HDR and are not included in this fee proposal.

FEE SUMMARY

The Fee Schedule for this project is outlined below:

HDR Design Fees

• <u>Design Phase Services (Lump Sum)</u>	\$19,830.00
Total:	\$19,830.00

Subconsultant Fees

• <u>Traffic Counts (Subconsultant's Cost Plus 10%)</u>	\$5,170.00
Total:	\$5,170.00

Total Fee: \$25,000.00

SCHEDULE

It is estimated that the schedule to accomplish the complete design phase is three (3) months from the date of authorization to proceed for the reaffirmation of the quiet zone in the City. However, if the FRA request that the City start the quiet zone process from the beginning, this will take approximately eight (8) months to complete and additional scope and fee. If this occurs HDR will submit an amendment for the additional time and effort to complete reestablish the quiet zone through the City.

TERMS AND CONDITIONS

This project will be performed under the current on-going services contract with the City of Angleton, and its terms and conditions will apply.

HDR will submit monthly invoices for all engineering work completed to invoice date. The invoices for lump sum work will be based on a percentage of completion of each phase applied to the lump sum fee and based on the appropriate fee cost for work from our subconsultants. Reimbursable expenses will be charged at cost plus 10%. Time and materials charges and additional services beyond those described in the Scope of Services will be invoiced on the basis of direct labor costs times a factor of 3.18 and direct cost plus 10%. Mileage will be charged at prevailing IRS rates.

HDR appreciates the opportunity to submit this proposal and we look forward to continuing our work with the City. If you have any questions, please do not hesitate to contact me at (713) 622-9264.

Sincerely,

HDR Engineering, Inc.



David C. Weston
Vice President/Area Manager

Approved: Authorized signature on behalf of the City of Angleton:

Signature: _____

Printed Name: _____

Title: _____

Date: _____