

November 4, 2016

Mr. Guillermo B. Cuellar, PE
Assistant Webb County Engineer
1620 Santa Ursula, 2nd Floor
Laredo, Texas 78040

{via email: gbcuellar@webbcountytexas.gov}

Ref: **Aguilares Railroad Crossing - Roadway Bypass and Improvements
Proposal for Survey Staking Services**

Mr. Cuellar,

As requested, we are submitting the following proposal for surveying services to stake the existing Kansas City Southern Railroad (KCSR) right-of-way and Station Grounds adjacent to the proposed roadway improvements shown in your November 2, 2016 email to our attention. We will conduct initial field reconnaissance surveys to establish the location of the railroad property based on the maps that you provided. Staking lathes will then be placed at roughly 500' intervals, as highlighted in the attached map. After roadway construction by the County, we will perform "as-built" surveys of the edge of new pavement at approximately 100' intervals and points of significant deflection. These points will be tied by GPS to NAD 83, Texas Station Plane, 4205 South Zone, using a NGS OPUS solution and submitted to the County in a *.csv or *.txt format. Basic, supplemental line-work will be provided in a CAD or Shape file format.

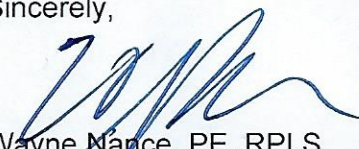
Our proposed fee to provide these services will be as follows:

<u>Task</u>	<u>Fee</u>
Field Survey KCSR ROW Staking	\$1,800
"As-Built" Surveys, File Processing and Delivery	\$1,200
Total Survey Services	\$3,000

We anticipate each task will take about 1 to 2 weeks to complete after receiving your written authorization to proceed. Please note this fee does not include the preparation of boundary survey plats, maps, descriptions, or fees for any service not specifically stated above. Railroad entry permits or fees, if applicable are not included. The KCSR boundary will be tied to the railroad features identified in the deeds and maps. Research and/or location of adjoining property boundaries is not included in this proposal, although apparent conflicts of significance will be brought to your attention if they arise.

Thank you for the opportunity to provide this proposal on this important project. If you have any questions, please contact us.

Sincerely,


Wayne Nance, PE, RPLS
President, Porras Nance Engineering

Encl.

