



Sept 5, 2024

Mr. John Eddleton

Superintendent of Streets and Bridges

City of Bastrop Texas

Dear John-

Below per our conversations are the listed 3 projects under consideration for quotation. Please advise with any questions and thanks greatly for allowing us to provide quotations.

**Project #1 Construction of Storm Drain Facility and Appurtenances at Church St/Buttonwood**

Scope:

Install nominally 350 of 15" round reinforced concrete pipe

Bedding material to be washed sand to top of pipe-native material above top of pipe to finished grade

Work to include excavation to line/grade as outlined on previous exhibit, removal of existing pipe/haul off of spoils and debris.

Pipe trench to be compacted via mechanical equipment (soil density testing by others)

Pricing includes road base replacement at driveways (salvage of existing one course surface treatment)

Pricing includes installation of 2'x2'x30" junction box with cast iron grate-inverted fill to be installed to match upstream pipe flowline.

Pricing includes construction of downstream "headwall"(final geometry to be determined) to match proposed 15" rcp with existing downstream pipe at Church St.

Pricing includes setup of traffic control signage as necessary, use of drums or "tall" highway cones to delineate edge of roadway, as well as orange safety fencing daily to delineate any open areas.

Price includes cleanup as well as fine grading/raking work.

Price does not include performance and payment bonds.

Alternate savings of \$2500 may be realized by utilizing hdpe pipe in lieu of rcp (this does not constitute an endorsement of the load carrying capacity of the hdpe over the rcp)

## **Project #2 Storm Drain Outfall Erosion Repair**

Scope:

Remove cinder block barrier at wall on outlet structure

Excavate zone downstream of outlet structure, compact, and install 8 oz geotextile. Install 12"-18" rock riprap (assumed two triaxle loads for this estimate)

Excavate deteriorated zone downstream of the structure, Haul away material to a permitted fill site. Assume the entire reach of 162'x20' wide. Assumed approximately 2' of depth.

Compaction of subgrade to be via padfoot roller using ordinary compaction.

Import clay material ("black clay" or equivalent-assumed Manor geographic area as example of clay type) and place over subgrade to a depth of nominally 2' Compact using Ordinary Compaction using padfoot roller.

Included a token amount of silt fencing, and use of FODS trackout system at top of slope/roadway.

Performance and Payment bonds were not included.

## **Project #3 60" Pipe Repair off Schaefer Blvd.**

Scope:

Remove and replace existing 60" hdpe pipe from approximate existing manhole for a distance of approximately 140 lf due to fire damage.

Install silt fencing and FODS trackout system

Verify slope of existing pipeline to determine repair areas of full length or if a reduced scope may be employed.

Remove old damaged pipe and haul away

Install approximately 140 lf of 60" hdpe pipe using pea gravel or sand bedding depending on manufacturer's recommendation.

Provide and utilize aluminum trench boxes and combined benching for pipe installation.

Utilize native material to backfill trench/excavation. Remaining spoils are to be hauled away.

Compact material above pipe using padfoot roller and/or mechanical equipment such as rammer/tampers.

Grade and rake final finished surface.

Combined lump sum cost: \$229,100.00

Please advise with questions, concerns, or modifications. Thanks again for allowing us to provide a quotation and to work for the City of Bastrop in the past!

Sincerely,

A handwritten signature in black ink that reads "Bill Forsythe". The signature is written in a cursive style with a prominent vertical stroke at the end.

Bill Forsythe

Forsythe Brothers Infrastructure, llc