



TEXAS MIDSTREAM GAS SERVICES, LLC
5601 East 1st Street
Fort Worth, Texas 76103

Date: 11/7/2016

To: David Russell
City of North Richland Hills

Re: Adjustment to Williams 8" KC Pipeline Due to Widening of Rufe Snow Drive

Dear Mr. Russell,

Based on design documents from North Richland Hills' (NRH) contract engineer and on field discussions with engineering and construction field personnel representing NRH, we have developed the following plan and cost estimate to make adjustments to our existing 8" KC pipeline to account for NRH's widening of Rufe Snow Drive.

Scope of Work

1. The pipeline will be excavated (excavation areas) on each end from the existing Rufe Snow right-of-way (ROW) to approximately three feet past the proposed new Rufe Snow ROW. The excavation area on the east end of the pipeline is estimated to be 30 feet in length. The excavation area on the west of the pipeline is estimated to be 45 feet in length. The existing Rufe Snow ROW is also the extent of the existing steel casing of the pipeline.
2. Within these excavation areas and from the end of the pipeline casing,
 - a. The pipeline's old coating will be removed and new protective coating will be applied.
 - b. Flowable Fill materials will be applied around the pipeline to a thickness of one-foot.
 - c. The casing vents will be extended along the top of the Flowable Fill to the extent of the new Rufe Snow ROW and then extended vertically approximately four feet above grade.
 - d. Backfill will be placed and compacted to the existing grade level.
3. On the east side of Rufe Snow, NRH will remove and replace any permanent or temporary residential fences and install and remove temporary construction fencing, outside the pipeline excavation area, to permit construction access and work.

Cost Estimate

4. Our plan and cost estimate are valid as long as these adjustments can be made prior to NRH constructing any underground utility crossings in these excavation areas.
5. **The total estimated cost for the project is \$49,000 but will not exceed \$61,250.**
6. NRH shall provide payment prior to commencement of work by Williams in the amount estimated above.

Sincerely,

Cory Crawford
Land Representative Lead
Barnett Shale Permian Basin

ACCEPTED AND AGREED TO BY City of North Richland Hills ON THIS ____ day of _____, 20__.

Name: _____
Title: _____