

**REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT**

On this 22 day of JULY, 2014, Commissioners Court came on to be heard and reviewed the accompanying notice of TENNESSEE GAS PIPELINE COMPANY, LLC.

Job Location BROOKSHIRE CREEK

Dated 07/11/14 BOND NO SUR0025460, Permit No. 84628 to make use of certain Fort Bend County property subject to, "A Revised Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, date the 3<sup>rd</sup> day of August, 1987, recorded in Volume \_\_\_\_\_ of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's Texas Civil Statutes. Upon Motion of Commissioner Meyers, seconded by Commissioner Johnson, duly put and carried, it is ORDERED, ADJUGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Notes:

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
  - a. 48 hours in advance of construction start up, and
  - b. When construction is completed and ready for final inspection

Mail notices to: Permit Administrator  
Fort Bend County Engineering  
301 JACKSON STREET  
RICHMOND, Texas 77469  
281-633-7500

3. This permit expires one (1) year from date of permit if construction has not commenced.

By

[Signature]  
County Engineer

By

[Signature]  
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.

Recorded in Volume 72214  
Minutes of Commissioners Court.

Clerk of Commissioners Court

By [Signature]  
Deputy

# COUNTY OF FORT BEND

## Engineering Department

301 JACKSON STREET  
RICHMOND, Texas 77469

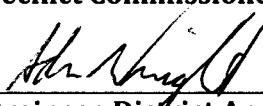
Johnny Ortega  
Permit Administrator

1124 Blume Road  
Phone: (281) 633-7500

### PERMIT APPLICATION REVIEW FORM FOR CABLE, CONDUIT, AND POLE LINE ACTIVITY IN FORT BEND COUNTY

PERMIT NO. 084628

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

- X (1) Complete Application Form.
- X a. Name of road, street, and/or drainage ditch affected.
- X b. Vicinity map showing course of direction.
- X c. Plans and specifications.
- X (2) Bond:
- X District Attorney, approval when applicable.
- X Perpetual bond currently posted.
- No. SUR0025460
- Amount \$50,000.00
- Performance bond submitted.
- No.
- Amount
- Cashier's Check.
- No.
- Amount
- (3) Verbal permission given for emergencies, to start construction before approved in Commissioner's Court.
- Precinct Engineer Acknowledgment                                  Date
- Precinct Commissioner Acknowledgment                                  Date
- (4) 
- Drainage District Approval when applicable

We have reviewed this project and agree it meets minimum requirements.

  
Johnny Ortega CFM/ Permit Administrator  
(REVISED 5/30/08)

07/07/2014  
Date

NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY  
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES  
IN FORT BEND COUNTY

APPLICANT'S JOB NO. \_\_\_\_\_

PERMIT No. 84628 PCT. No. 3

BOND No. SMR 0025460

Formal notice is hereby given that TENNESSEE GAS PIPELINE COMPANY, LLC  
proposes to lay, construct, maintain and/or repair cable, conduit and/or pole line, in, under,  
across, or along roads, streets, highways and drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction			
			Bored:	Jacked:	Driven:	Cased

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance
BROOKSHIRE CREEK	875 FEET, N.W.	HUNT RD.	60 FT

General Description

SEE ATTACHED SCOPE OF WORK.

The Location and description of the proposed installation and appurtenances is more fully shown on the attached detail drawings. The laying, construction, maintenance and/or repair of the proposed installation shall be subject to "A Revised Order Regulating the Laying, Construction, Maintenance and/or Repair of Cables, Conduits, and/or Pole Lines, In, Under, Across, or Along Roads, Streets, Highways and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by Commissioners Court of Fort Bend County, Texas, dated the 3rd. day of August, 1987, recorded in Volume 639 of the Minutes of the Commissioners Court of Fort Bend County, Texas.

Written notices are required: 1) 48 hours in advance of start of construction and  
2) when construction is complete and ready for final inspection.

Mail to: Permit Administrator/Fort Bend County Engineering  
P.O. Box 1449, Rosenberg, TX 77471.

Violation of requirements shall constitute grounds for job shut down.

COMPANY NAME: TENNESSEE GAS PIPELINE COMPANY, LLC

AGENT and/or OWNER

Car R

(Signature)

NAME & TITLE COLE RAESNER

(Please Print)

DATE 6/26/2014

ADDRESS 8031 S. SAM HOUSTON PKWY W.

(Street/P.O. Box)

HOUSTON

TX

77085

City

State

Zip

TELEPHONE NO: 979-885-8287

(accessible 24 hrs/day, 7 days/week)

Does project  
comply with Fort  
Bend County  
Outdoor Lighting  
Ordinance?

Yes (X)

No ( )

**Tennessee Gas Pipeline Company, LLC**  
**Permit Application – Ft Bend County, TX**  
**Scope of Work**

**Location:** GPS Coordinates: N 29.72403314, W 95.94198384; approximately 1,200 feet Northeast of the intersection of Hunt Rd and Pool Hill Rd (closest intersection). See vicinity map for details.

**Description of Work:** Will mechanically excavate and expose approximately ten (10) feet of twenty-four (24) inch diameter natural gas pipeline. Will use hydro-vac truck and hydraulic excavator (JohnDeere 290 or equivalent) to expose pipeline for maintenance.

The excavation will be centered at the eastern top bank of the channel (see aerial). The excavation will include a section of the eastern bank but will not affect the water or impede flow through the channel.

**Excavation Size:** The excavation will be approximately sixty (60) feet long by forty (40) feet wide by nine (9) feet deep. The excavation will be benched/sloped in accordance with OSHA regulations.

**Site Specific Requirement:** Project duration will be approximately 4-6 days. The excavation will be left open overnight, but high visibility fencing will be installed each day after work is completed. Temporary matting may be utilized to minimize damages depending on conditions (wet/dry). The excavation will be backfilled, graded, and tamped as necessary to match pre-construction conditions as closely as possible. The site will be re-seeded with Bermuda grass to assist re-vegetation.

**Alternatives:** If during construction it is determined that the excavation will need to be expanded and will encroach on the waterline of the channel, then temporary coffer dams and piping will be installed to divert flow of the channel around the excavation (see "Alternative" aerial). Two (2) coffer dams (made of sandbags) would be constructed, one upstream of the excavation and one downstream of the excavation. One (1) to two (2) properly sized, smooth plastic pipes would be utilized to convey the channel flow from the upstream coffer dam to the downstream coffer dam. The coffer dam and piping system would only be left in place as long as necessary to complete construction, afterwards all piping and sandbags would be removed from the channel.

In the instance that a rain event occurred while the coffer dams and piping were in place and the channel flow increased, then gas powered centrifugal water pumps would be utilized for additional channel diversion capacity.

The site would be restored as described previously.

**Schedule:**

- **08/01/2014:** Begin construction (may move back slightly due to overall project schedule)
- **08/05/2014:** Complete construction (may move back based on start date)

**Supplemental Notes**

- Excavation will take place while the pipeline remains in service at full line pressure (750psig).
- Excavation to be conducted per Kinder Morgan standards and procedures.
- Excavation will be in compliance with OSHA requirements when human entry is required.



Approximate  
Excavation Limits

Approximate  
Excavation Limits

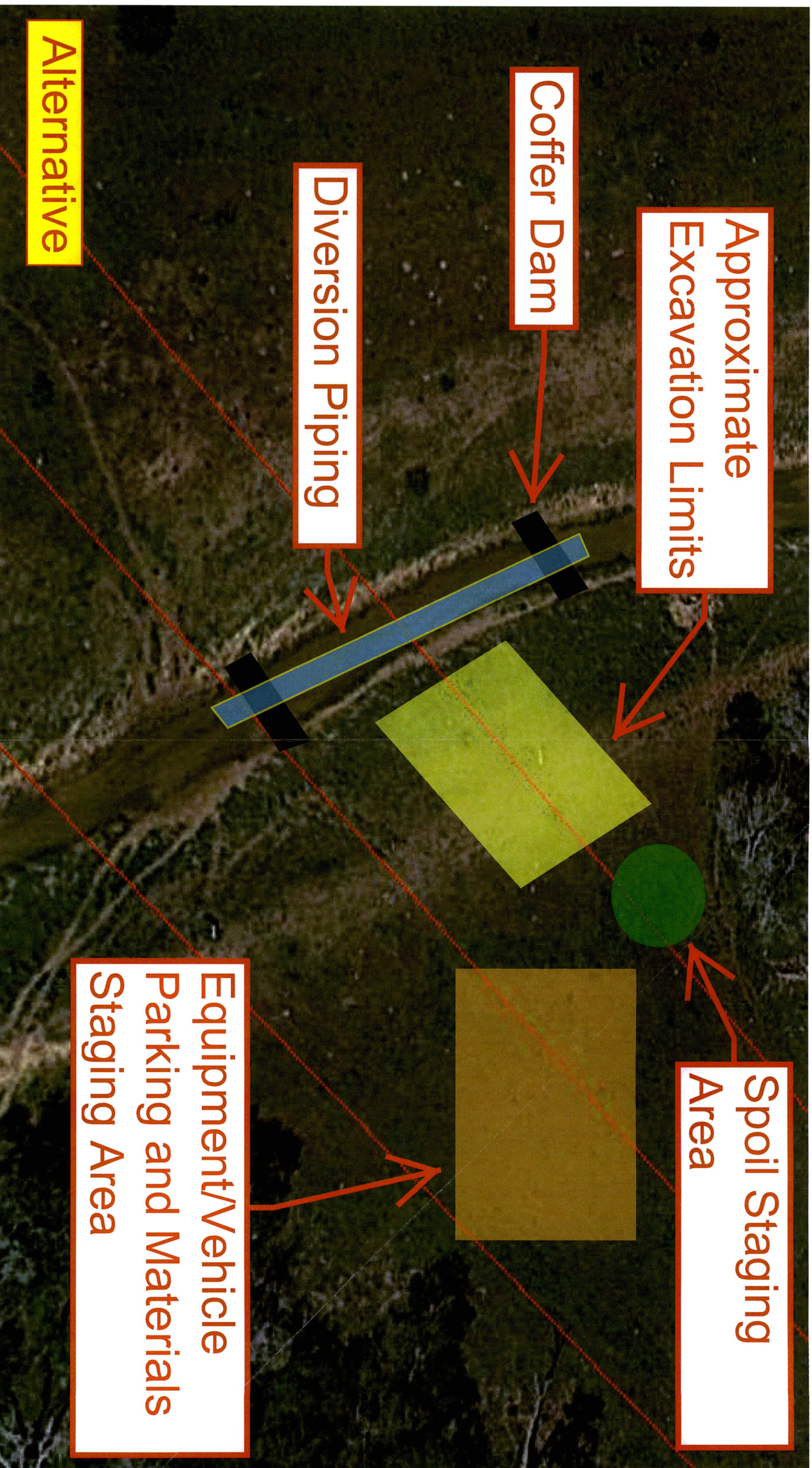
Spoil Staging  
Area

Coffer Dam

Diversion Piping

Alternative

Equipment/Vehicle  
Parking and Materials  
Staging Area





**Spoil Staging  
Area**

**Approximate  
Excavation Limits**

**Equipment/Vehicle  
Parking and Materials  
Staging Area**

