

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

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On this 08 day of JULY, 2014, Commissioners Court came on to be heard and reviewed the accompanying notice of TENNESSEE GAS PIPELINE COMPANY, LLC.

Job Location HERRON ROAD

Dated 06/24/14 BOND NO SUR0025460, Permit No. 84620 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 3rd 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 Prestage, duly put and carried, it is ORDERED, ADJUDGED 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 N/A
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.

Recorded in Volume 7-8-14
Minutes of Commissioners Court.

Clerk of Commissioners Court

By [Signature]
Deputy Renee Michalka

COUNTY OF FORT BEND

Engineering Department

301 JACKSON STREET
RICHMOND, Texas 77469

Johnny Ortega
Permit Administrator

1124 Blume Road
Phone: (281) 633-7500

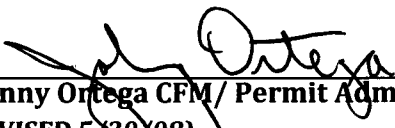
PERMIT APPLICATION REVIEW FORM FOR CABLE, CONDUIT, AND POLE LINE ACTIVITY IN FORT BEND COUNTY

PERMIT NO. 084620

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)

06/24/2014
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. 84620 PCT. No. 3
 BOND No. SUR 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
<u>PINE HILL DR.</u>	<u>600 FT, N.E.</u>	<u>HEPPLEWHITE DR.</u>	<u>40 FT</u>

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

Cole Raesner

(Signature)

NAME & TITLE COLE RAESNER / PROJECT MANAGER
 (Please Print)

DATE 06/23/2014

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 29.73186554, W 95.93372809; less than 0.25 mile Southwest of Intersection of Pecan Hill Road and FM 359.

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

Excavation Size: The excavation will be approximately forty (40) feet long by thirty (30) feet wide by seven (7) feet deep. The excavation will be benched/sloped in accordance with OSHA regulations. Approximately half of the excavation will be in the Fort Bend County Right of Way and half will be on private property.

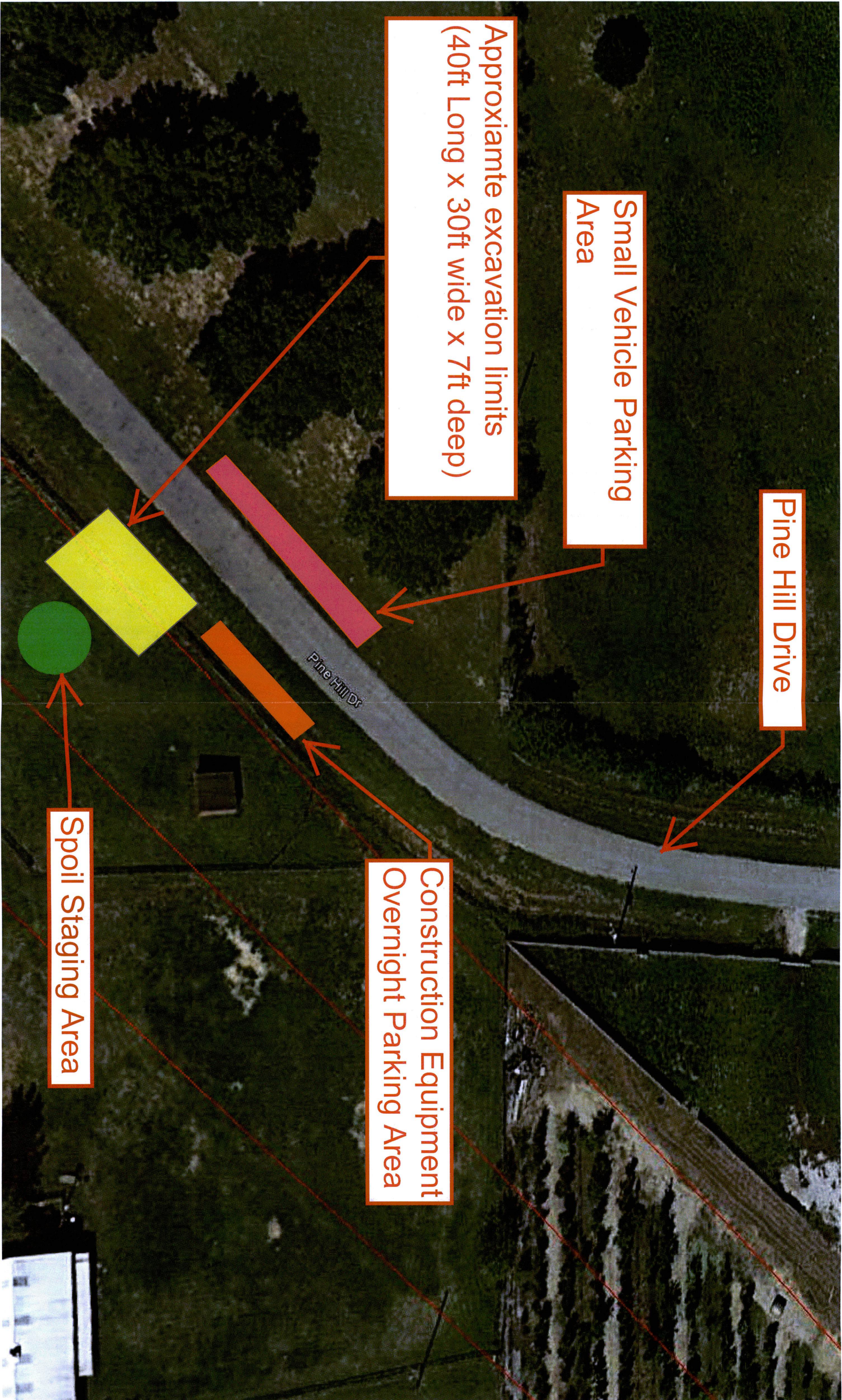
Site Specific Requirement: Construction equipment will be left in the county ROW overnight for the duration of the project (3-5 days). The excavation will be left open overnight, but high visibility fencing will be installed each day after work is completed. Temporary matting may be utilized to minimize damage to ROW depending on conditions (wet/dry). The excavation will be backfilled, graded, and tamped as necessary to match pre-construction conditions as closely as possible.

Schedule:

- **07/15/2014:** Begin construction (may move back slightly due to overall project schedule)
- **07/19/2014:** 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.
- Anomaly remediation shall be performed per Kinder Morgan standards and procedures.



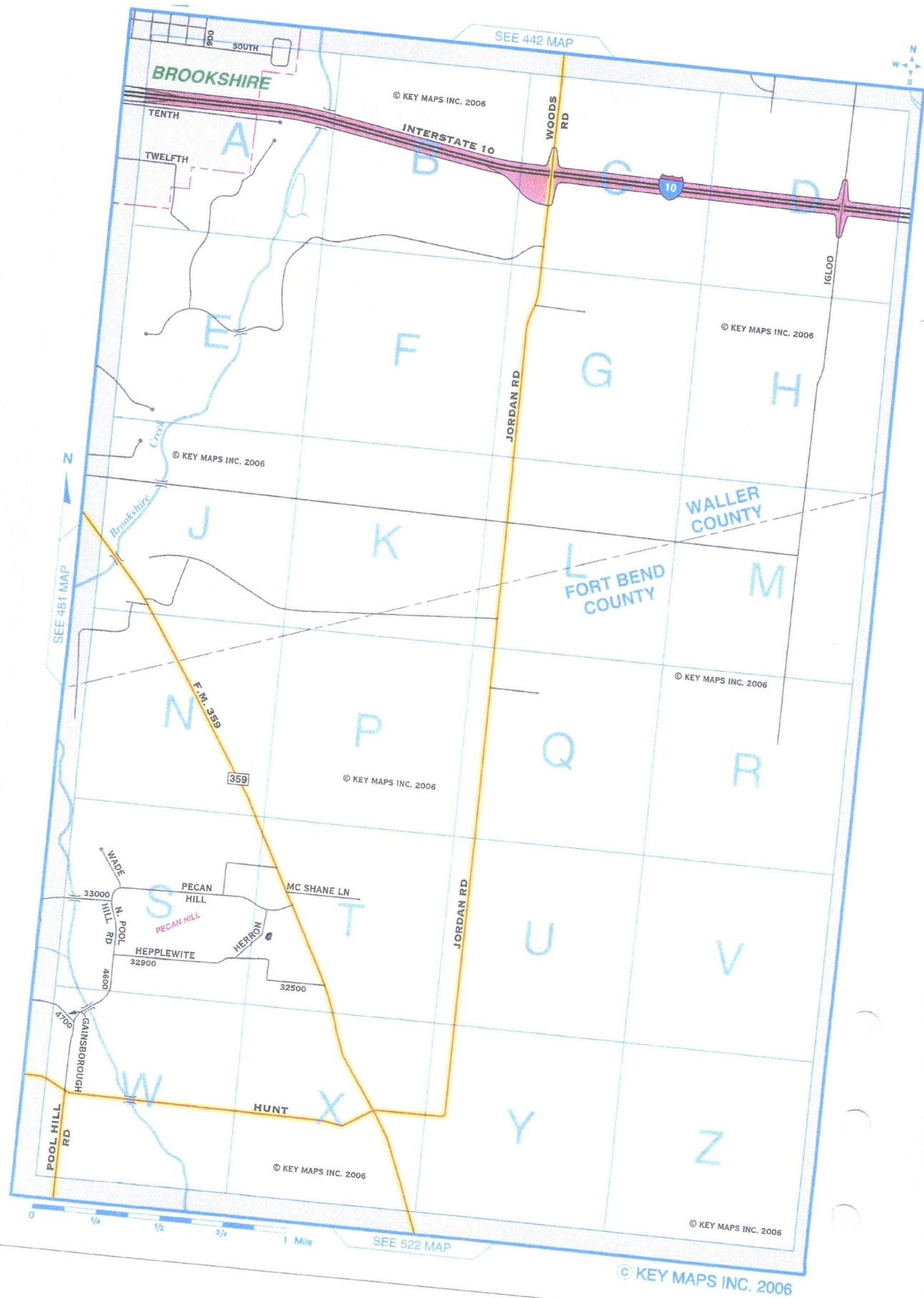
Pine Hill Drive

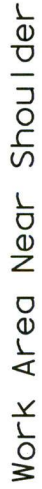
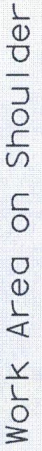
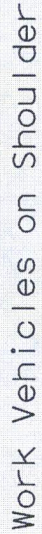
Small Vehicle Parking Area

Approxiamte excavation limits
(40ft Long x 30ft wide x 7ft deep)

Construction Equipment
Overnight Parking Area

Spoil Staging Area





Posted Speed *	Formula	Minimum Lengths * * 10' 11' 12' Offset-Offset-Offset	On a Taper	Suggested Maximum Spacing of Device On a Tangent	Minimum Sign Spacing x Distance
30	$L = \frac{WS^2}{60}$	150' 165' 180'	30'	60' - 75'	120'
35		205' 225' 245'	35'	70' - 90'	160'
40		265' 295' 320'	40'	80' - 100'	240'
45		450' 495' 540'	45'	90' - 110'	320'
50	$L = WS$	500' 550' 600'	50'	100' - 125'	400'
55		550' 605' 660'	55'	110' - 140'	500'
60		600' 660' 720'	60'	120' - 150'	* 600'
65		650' 715' 780'	65'	130' - 165'	* 700'
70		700' 770' 840'	70'	140' - 175'	* 800'

XX Taper lengths have been rounded off.

L=Length of Input (F.I.)
S=Offset (F.I.)
S=Posttest Speeds (H-M)

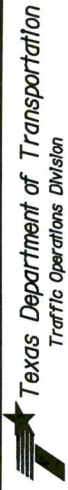
GENERAL NOTES:

1. Unless otherwise stated in the plans, flags attached to signs are **REQUIRED**.
2. All traffic control devices illustrated are **REQUIRED**, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans.
3. On high speed facilities advance warning signs should be installed approximately 3X from the work area or from the beginning of a lane or shoulder taper. On low speed facilities the advance warning signs should be placed based on the "X" minimum distance.
4. Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.

Only pre-qualified products shall be used. A list of compliant products and their sources may be obtained by writing or faxing:

Standards Engineer
Traffic Operations Division - TE
Texas Department of Transportation
125 East 11th Street
Austin, Texas 78701-2483
Phone (512) 416-3335
Fax (512) 416-3161
E-mail TRF-STANDARDmailgw.dot.state.tx.us

The requirement for shadow vehicles will be listed in the project GENERAL NOTES, Item 502, Barricades, Signs and Traffic Handling.



TRAFFIC CONTROL PLAN

TCP(1-1)-98

© TXDOT	December 1985	REVISIONS							
		P/N	TXDOT	C/L	TXDOT	P/N	TXDOT	C/L	TXDOT
		C/L	S/E	J/V	H/GHWA	SHEET NO.			
						P/N	TXDOT	C/L	TXDOT
2-94									
8-95									
1-97									
4-98									