

**REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT**

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytx.gov

Right of Way Permit
 Commercial Driveway Permit
Permit No: 2018-18405

Applicant: CenterPoint Energy

Job Location Site: 2610 Drs Road , Richmond, TX 77406

Bond No. **Date of Bond:** 4/28/1988 **Amount:** \$50,000.00

The above applicant came to make use of certain Fort Bend County property subject to, "The 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, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistant with Chapter 181, Vernon's Texas Statutes and Codes Annotated.

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, submit notification to Permit Administrator thru MyGovernmentOnline.org portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

On this 27th day of February, 2018, Upon Motion of Commissioner Meyers, seconded by Commissioner Patterson, 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.

Signature

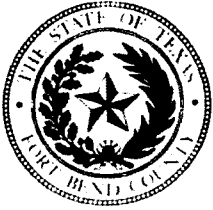
By: Charles O. Ay
County Engineer

By: N/A
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.

Date Recorded 3-5-2018 Comm. Court No. 14A

Clerk of Commissioners Court
By: Jinda Willis
Deputy



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

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytexas.gov

- Right of Way Permit
 Commercial Driveway Permit

Permit No: 2018-18405

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.

(1) COMPLETE APPLICATION FORM:

- a. Name of road, street, and/or drainage ditch affected.
 b. Vicinity map showing course of directions
 c. Plans and specifications

(2) BOND:

- County Attorney, approval when applicable.
- Perpetual bond currently posted. Bond No: [REDACTED] Amount: \$50,000.00
- Performance bond submitted. Bond No: _____ Amount: _____
- Cashier's Check Check No: _____ Amount: _____

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

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

Charly O. AJ

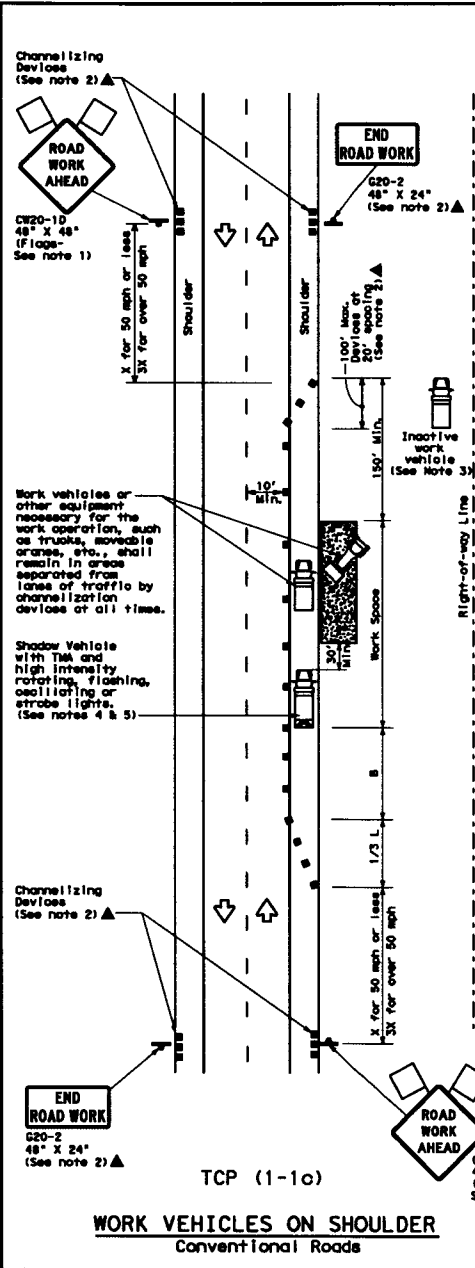
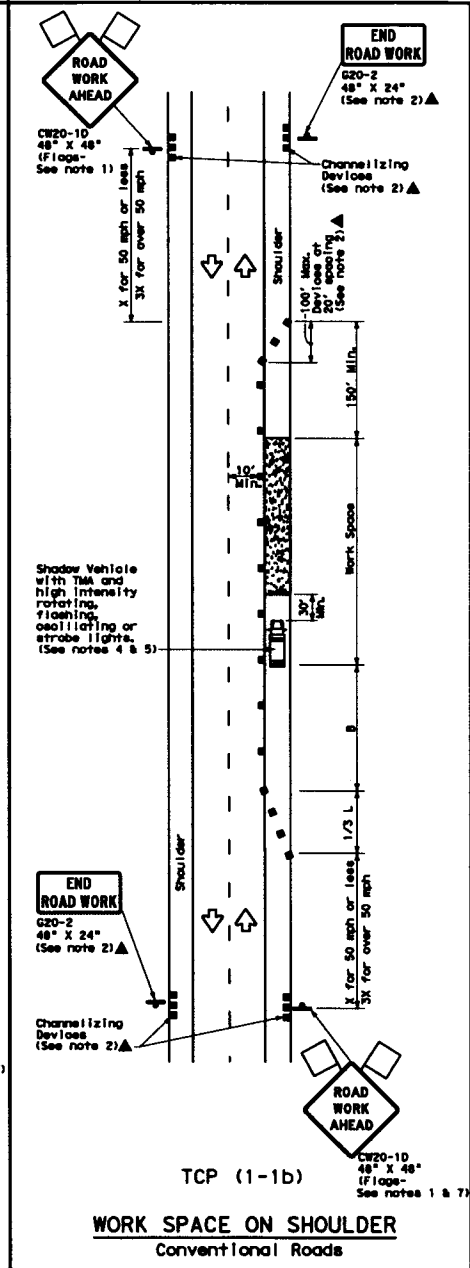
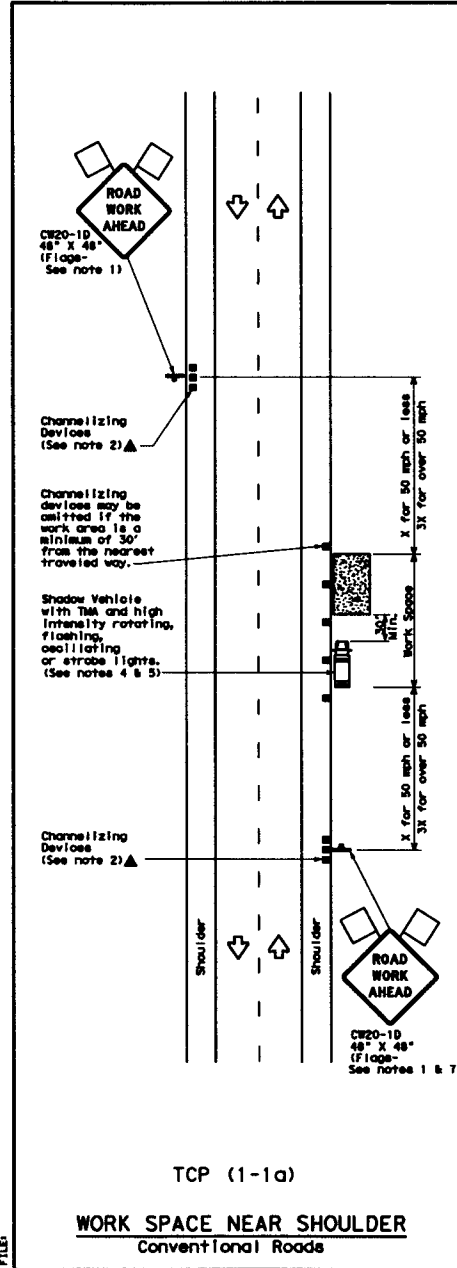
Permit Administrator

2/16/2018

Date

DISCLAIMER: The use of this standard is governed by the Texas Engineering Practice Act. No warranty of any kind is made by this standard to other persons or for incorrect results or damage resulting from its use.

DATE FILED:



LEGEND			
	Type 3 Barricade		Channelizing Device
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed mph	Formula	Desirable Taper Lengths ft			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing ft	Suggested Longitudinal Buffer Space ft
		10'	11'	12'	On a Taper	On a Tangent		
30	L = WS 60	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45	L = WS	450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70	700'	770'	840'	70'	140'	800'	475'	
75	750'	825'	900'	75'	150'	900'	540'	

* Conventional Roads Only
** Taper lengths have been rounded off.
L=Length of Taper (FT) W=Width of Offset (FT) S=Posted Speed (MPH)

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	✓	✓		

- GENERAL NOTES**
- Flags attached to signs where shown are REQUIRED.
 - All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
 - Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
 - A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
 - Additional Shadow Vehicles with TMA may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
 - See TCP(5-1) for shoulder work on divided highways, expressways and freeways.
 - CW20-5 "SHOULDER WORK" signs may be used in place of CW20-1D "ROAD WORK AHEAD" signs for shoulder work on conventional roadways.
- For construction or maintenance contract work, specific project requirements for shadow vehicles can be found in the project GENERAL NOTES for Item 502, Barricades, Signs and Traffic Handling.

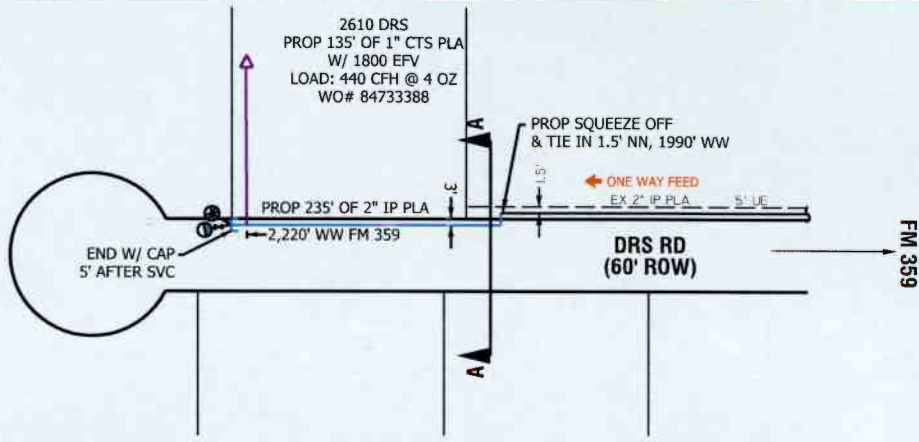
Texas Department of Transportation
Traffic Operations Division

**TRAFFIC CONTROL PLAN
CONVENTIONAL ROAD
SHOULDER WORK**

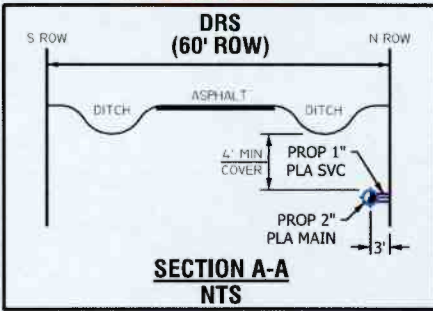
TCP (1-1)-12

© TxDOT December 1985		REV. NO.	DATE	BY	CHK. BY	REASON
0-34	1-12					
0-35						
0-36						
4-36						

1/21/2018 11:11:56 AM G:\REVIEWS\2018\VICTORIA PHAM\DWG-121212\SS\2610 DRS 0816251002.dwg



FT BEND COUNTY



GENERAL NOTES

1. FIELD VERIFY & LOCATE ALL EXISTING FEEDS, MAINS, AND SERVICES.
2. MAINTAIN MIN DEPTH OF 3' UNLESS OTHERWISE NOTED.
3. USE GAUGES TO MONITOR & MAINTAIN FEEDS, AND PRESSURE.
4. CONTACT ENGINEERING (VICTORIA PHAM 713 207-4615) WITH ANY NECESSARY FIELD CHANGES.
5. TEST PRESSURE @ 100 PSIG IN ACCORDANCE WITH SECTION CS-B-1.220 OF THE CONSTRUCTION & SERVICE MANUAL.
6. COORDINATE SERVICE LOCATION WITH IGNACIO GUERRERO @ 281-341-4936.

GAS STAKING		
JOB NO: _____	BY: _____	DATE: _____
ESMTS. DED. BY: _____ ESMT. DOCUMENTS: _____		
MONUMENTATION FND.: _____ PLAT DIST. CHK.=D: _____		
ESMTS. NEEDED AT: _____		
NON-STD. STAKING: _____ REASON: _____		

LEGEND AND NOTES	
EXISTING MAIN	_____
PROP 2" IP PLA, SDR 11.0	235'
PE 2406/2708	
WO#: 84733325	
PROP 5# ZINC ANODE	
PROP MARKER BALL	
PERMIT: FT BEND COUNTY	
GCO#: 39042	
STAKING REQUEST#: 84733325	
NOTIFICATION/CNP ID#: 1404366225	

GENERAL NOTES

CRITERIA TO BE USED FOR FINDER WIRE SELECTION WHEN INSTALLING PLASTIC GAS LINES

1. USE #14 TRACER WIRE FOR ALL POTENTIAL SERVICE LINES
2. USE #16 TRACER WIRE FOR SHORT WORKS UP TO 500' AND ALL OTHER NON-SOFT TROUBLESHOOTING
3. USE #10 TRACER WIRE WITH ALL WIRE LARGER THAN 500'
4. USE #14 TRACER WIRE AS NEEDED FOR LARGE MAINS, CROSSINGS, AND OTHER EXTRAORDINARY SITUATIONS AND COMPLEX MAINS

NEVER USE APPROXIMATE MEASUREMENTS TO STAKE

DESIGNED BY: VICTORIA PHAM	NO. OF LINES	RECOMMENDED BY:	DATE:	DRAWN BY: FRANCES MARTEL	DATE: 1/23/2018
CASE NUMBER: 34744	ESTIMATED COST: \$			SCALE: 1/8" = 1'-0"	SHEET: 1 OF 1
START DATE:	CONTRIBUTION: \$	APPROVED BY:	DATE:		
ESTIMATED COMPLETE DATE:					
PURPOSE AND REVISIONS: TO SERVICE RESIDENTIAL CUSTOMER IN RICHMOND, FT. BEND COUNTY					

F:30300658 | O:30240656 | KM:565-V | LAMBERT:445094 | Z: | SZ:501 | TC:NA | SOG:07601

**2610 DRS
RICHMOND,
FORT BEND COUNTY**



STK NO: **EB5-18087**