

**REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT**

On this 1st day of November, 2016, Commissioners Court came on to be heard and reviewed the accompanying notice of CenterPoint Energy Job Location 25400 Canyon Fields Drive, Richmond, TX 77406 Date 4/28/1988 Bond No. 22-022-417, Permit No. 2016-10117 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 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 Morrison, 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: C. Chandra O. - 10/16  
County Engineer

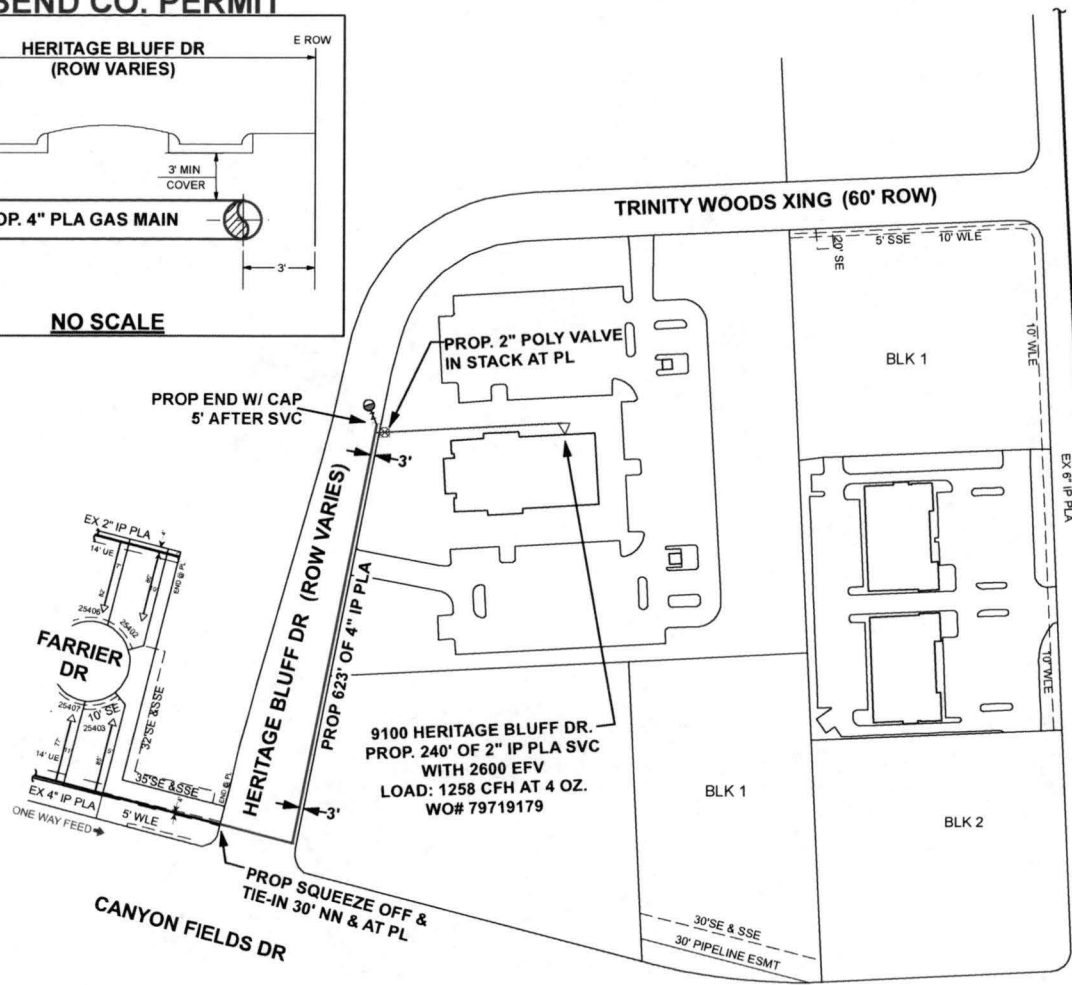
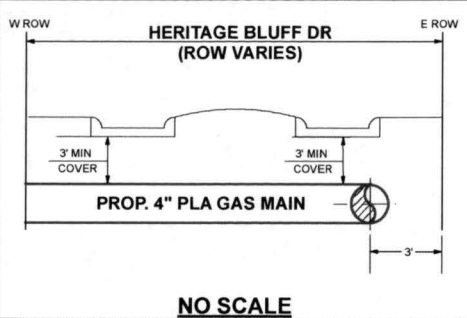
By: N/A  
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.  
Recorded in Volume 4/1/16 12A  
Minutes of Commissioners Court

Clerk of Commissioners Court  
By: [Signature]  
Deputy **RENEE MICHULKA**



# FT. BEND CO. PERMIT



ACQUIRED FROM SHOREHAM PIPELINE CO.

FM 723 (150 ROW')

<b>CenterPoint Energy</b>	
Texas Region - Houston Civil Engineering	
PROJECT WO#	79711602
FACET	F30090688 F30090690
OP MAP	O30000688
KM	524L
LAMBERT	4354C2 4354C1
TC	30
SZ	503
SOG	07601

<b>LEGEND:</b>	
EXISTING MAIN	_____
PROP. 4" IP PLA, SDR 11.5 PE 2406/2708 WO.#79711602	_____ 623'
PROP 5# ZINC ANODE	⊕
TEST PRESSURE 100 PSIG	
GCO# 36774	
NOTIFICATION# 1403995795	
STAKING REQUEST# 79711602	

**GENERAL NOTES:**

- CRITERIA TO BE USED FOR TRACER WIRE SELECTION WHEN INSTALLING PLASTIC GAS LINES.
  - A- USE #14 TRACER WIRE FOR ALL RESIDENTIAL SERVICE LINES.
  - B- USE #14 TRACER WIRE FOR SHORT BORES UP TO 300' AND ALL OTHER NON-BORE INSTALLATIONS.
  - C- USE #10 TRACER WIRE WITH ALL BORES LONGER THAN 300'.
  - D- USE #8 TRACER WIRE AS NEEDED FOR LARGE BAYOU CROSSINGS AND OTHER EXTRAORDINARY SITUATIONS AND COMPLEX BORES. INSPECTOR APPROVAL REQUIRED PRIOR TO WORK.

X.Y. 3011379.36, 690195.54

**9100 HERITAGE BLUFF DR.  
RICHMOND, FT. BEND COUNTY**

**PURPOSE:**  
TO SERVE CHURCH IN RICHMOND, FORT BEND COUNTY

DESIGNER: Ravinder Duggal  
PHONE#: 713-207-4621  
DRAWN BY: Rudy Diettel  
DESIGN DATE: 10/5/2016

**ESTIMATED COST:**  
CONTRIBUTION:  
DATE NEEDED: 12/25/2016

**RECOMMENDED BY:**  
DATE:

**APPROVED BY:**  
DATE:

SCALE: 1" = 150'  
SHEET 1 OF 1

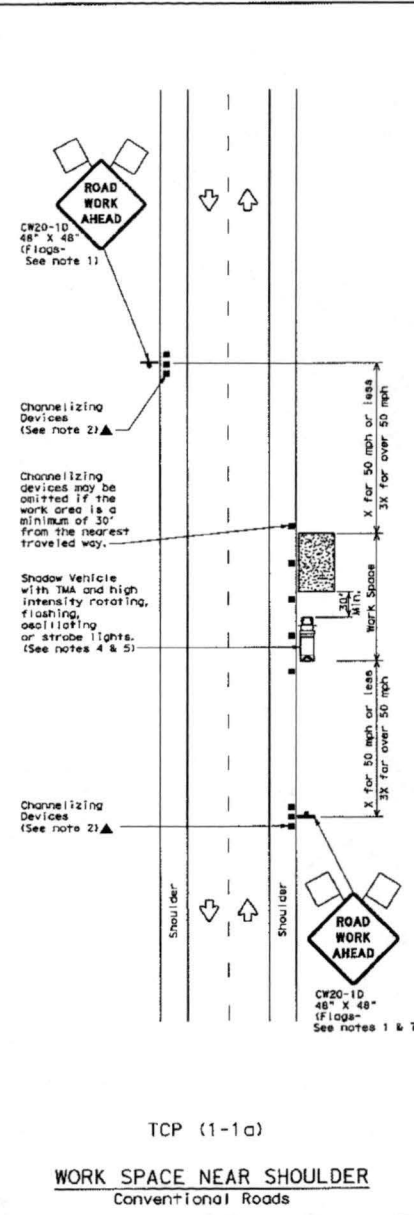
**GENERAL NOTES :**

- MAINTAIN MIN. DEPTH OF 3' UNLESS OTHERWISE SPECIFIED.
- FIELD LOCATE AND VERIFY ALL EXISTING FEEDS, MAINS AND SERVICES.
- USE GAUGES TO MONITOR AND MAINTAIN FEEDS AND PRESSURE.
- 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: _____

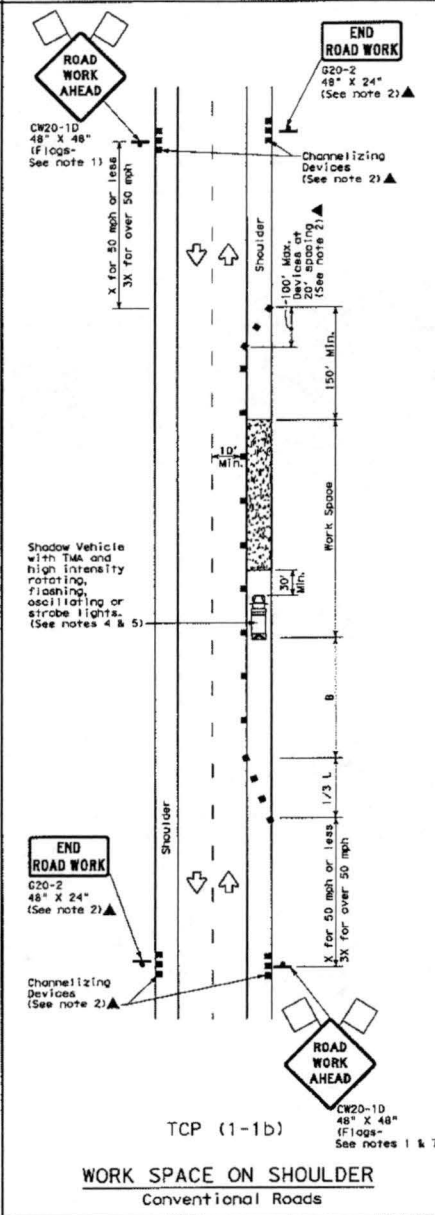
10/12/2016 10:10:36 AM C:\REVENUE 2016\RAVINDER DUGGAL\TEXAS COAST\COMMERCIAL SVCS\9100 HERITAGE BLUFF DR

DISCLAIMER: The use of this Standard is governed by the Texas Engineering Practice Act. No warranty of any kind is made by the State of Texas or the Department of Transportation for inaccuracies or damages resulting from its use.



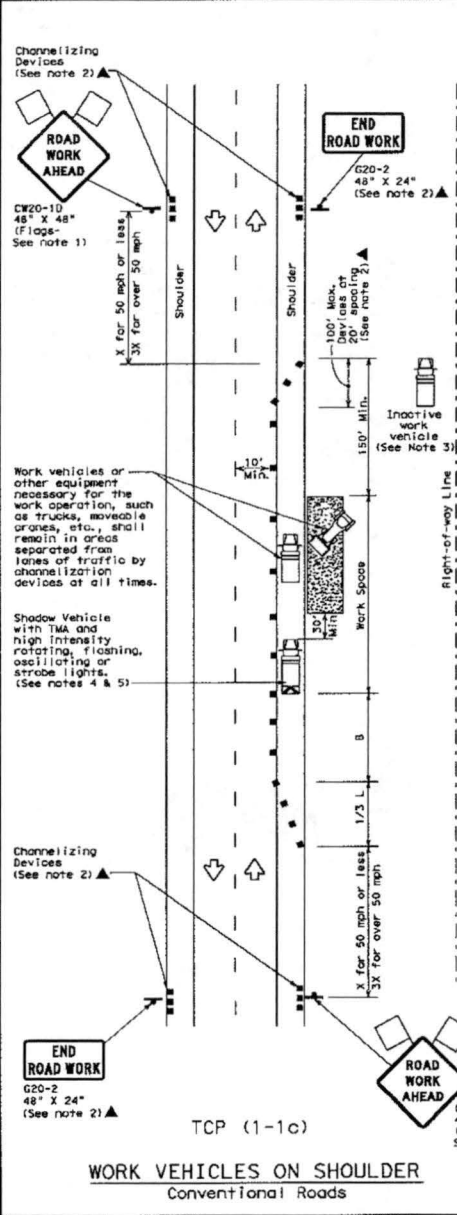
TCP (1-1a)

**WORK SPACE NEAR SHOULDER**  
Conventional Roads



TCP (1-1b)

**WORK SPACE ON SHOULDER**  
Conventional Roads



TCP (1-1c)

**WORK VEHICLES ON SHOULDER**  
Conventional Roads

**LEGEND**

	Type 3 Barricade		Channelizing Devices
	Truck Mounted Attenuator (TMA)		Portable Changeable Message Sign (PCMS)
	Trailer Mounted Flashing Arrow Board		Traffic Flow
	Flag		Flagger

Posted Speed K	Formula	Minimum Desirable Taper Lengths %		Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "x" Distance	Suggested Longitudinal Buffer Space "a"	
		10' Offset	12' Offset	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	L = WS	265'	295'	320'	40'	80'	240'	155'
45		450'	495'	540'	45'	90'	320'	195'
50	L = WS	500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60	L = WS	600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70	L = WS	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	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 area 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 TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
- See (1-1-1) for shoulder work on divided highways, expressways and freeways.
- CW21-5 "SHOULDER WORK" signs may be used in place of CW20-10 "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

REVISED	DATE	BY	REASON
2-94	1-12		
8-95			
4-98			
1-01			

DATE FILED