



REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

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: 2016-10494

Applicant: CenterPoint Energy

Job Location Site: 2935 Spring Green Blvd @ Crestmont Springs Drive, Katy, TX 77494

Bond No. [REDACTED] **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 inconsistent 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.

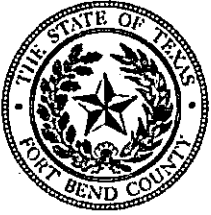
On this 6th day of December, 2016, Upon Motion of Commissioner Meyers, seconded by Commissioner Probst, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Signature
By: Charles O. Ay
for County Engineer

By: N/A
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.
Date Recorded 12-09-16 Comm. Court No. 16E

Clerk of Commissioners Court
By: Gonda Wilho
Deputy



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

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Engineering Department**
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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.

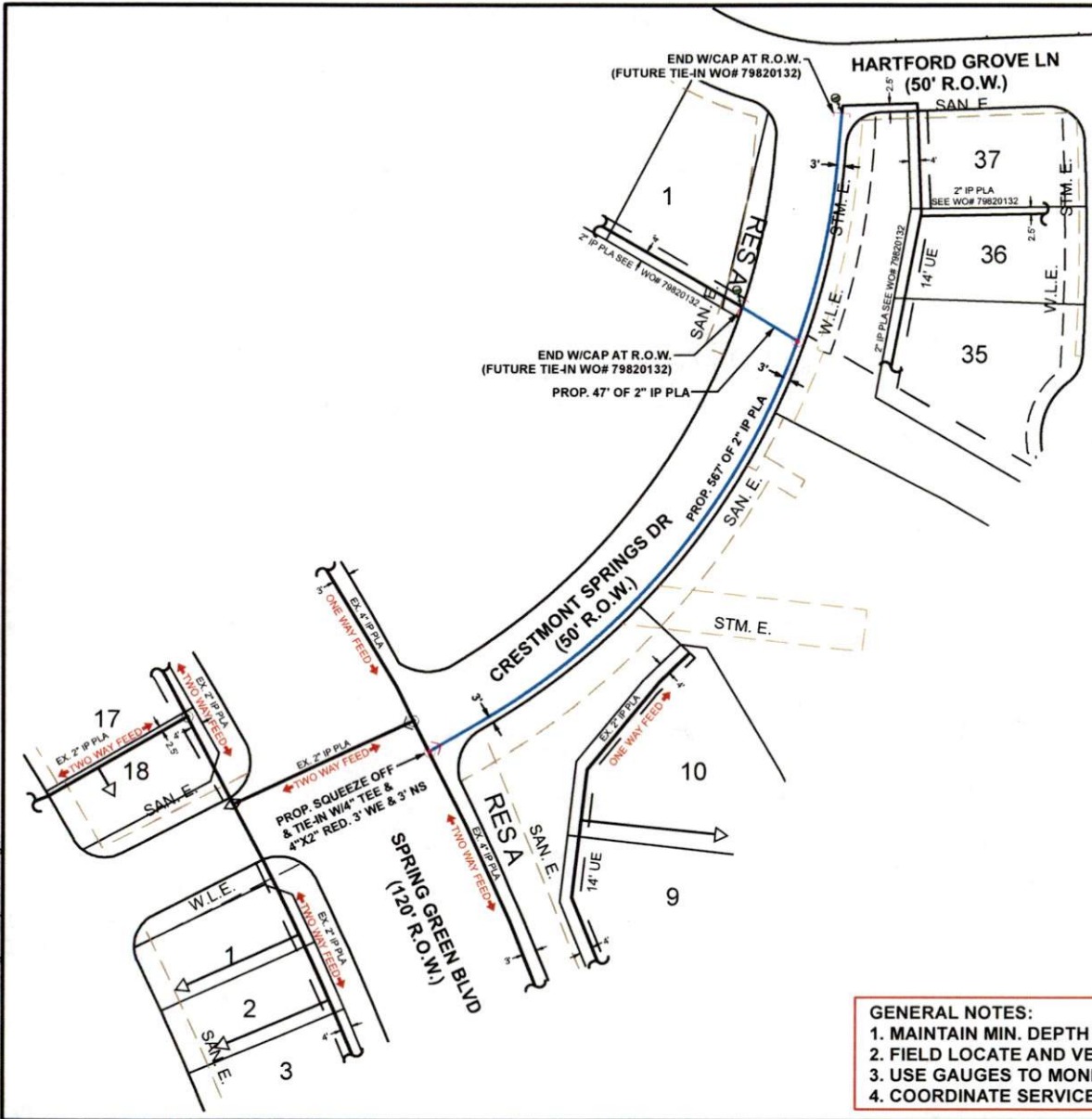
Charly O. Ay

Permit Administrator

11/29/16

Date

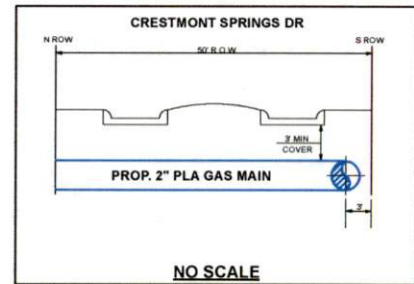
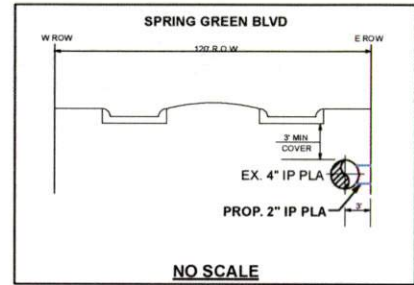
10/20/2016 3:19:57 PM Designer Express Design



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

CenterPoint Energy <small>True Energy - Innovative Engineering</small>	
PROJECT WO#	79820148
FACET	F30030708
OP MAP	F30030706
KM	C30000704
LAMBERT	484P
TC	4256D1
SZ	4256D2
SOG	503
	00151

LEGEND	
EXISTING MAIN	———
PROP. 2" IP PLA	——— 614'
SDR 11.0 PE 2406/2708	
WO # 79820148	
PROP. 5# ZINC ANODE	⊙
PROP. TEE	⊕
TEST PRESSURE	100 PSIG
GCO#	36788
STAKING REQUEST#	79820148
X, Y LOC#	3005286.05, 708237.69



- GENERAL NOTES:**
1. MAINTAIN MIN. DEPTH OF 3' UNLESS OTHERWISE SPECIFIED.
 2. FIELD LOCATE AND VERIFY ALL EXISTING FEEDS, MAINS AND SERVICES.
 3. USE GAUGES TO MONITOR AND MAINTAIN FEEDS AND PRESSURE.
 4. COORDINATE SERVICE LOCATION WITH ANJUM PERVAIZ 713-207-4619

GENERAL NOTES:
 1- 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.

SILVER RANCH SECTION 14 MAIN APPROACH

PURPOSE:
 TO SERVE SILVER RANCH SECTION 14 SUBDIVISION

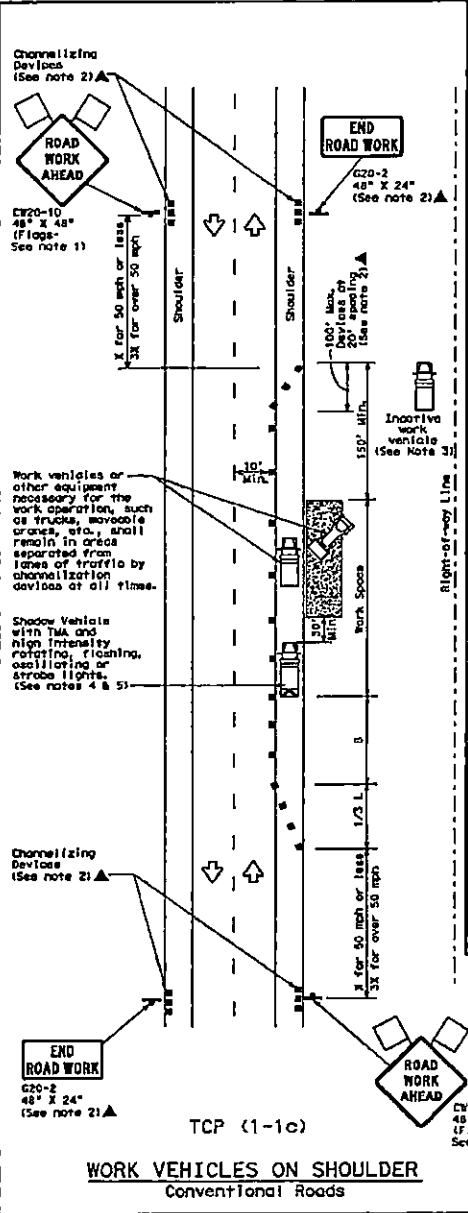
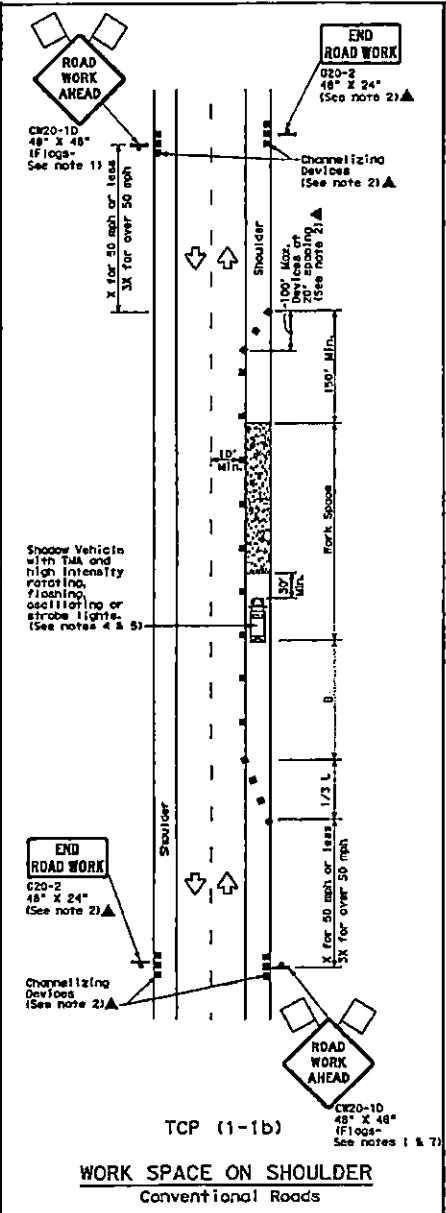
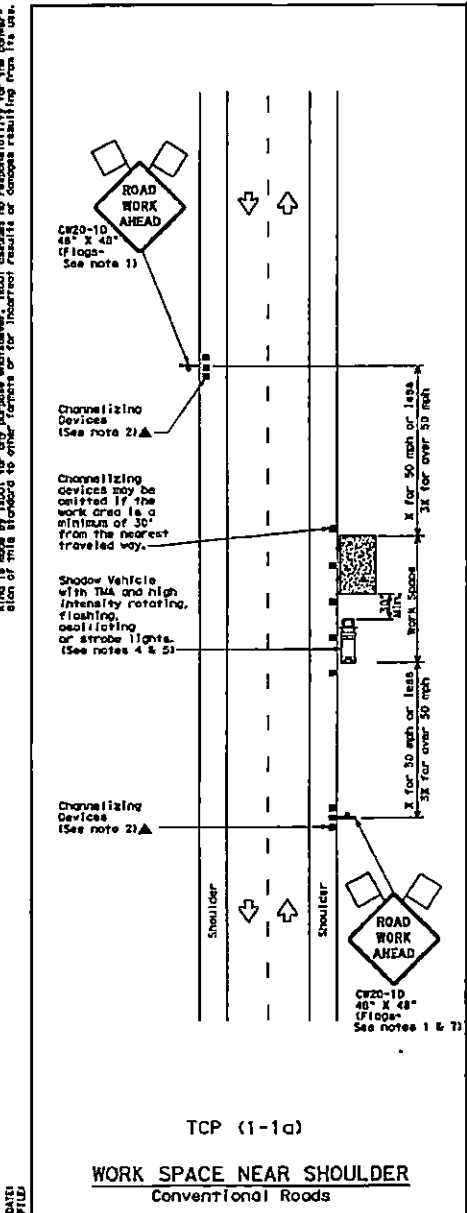
DESIGNER: ANJUM PERVAIZ
 PHONE#: 713-207-4619
 DRAWN BY: KEVIN RICHARDSON
 DESIGN DATE: 10/10/2016

ESTIMATED COST:
 CONTRIBUTION:
 DATE NEEDED: 2/15/2017

RECOMMENDED BY:
 DATE:
 APPROVED BY: LORENA CASTRO
 DATE: 10/19/16

SCALE: 1" = 80'
 SHEET: 1 OF 1

DISCLAIMER: The use of this document is governed by the Texas 2007 Licensing Practice Act. It is the responsibility of the user to ensure that the information contained herein is current and accurate. The user shall be responsible for any errors or omissions resulting from its use.



LEGEND

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

Posted Speed MPH	Formula	Minimum Desirable Taper Lengths ft		Suggested Minimum Spacing of Channelizing Devices ft		Minimum Sign Spacing ft	Suggested Longitudinal Buffer Space ft
		10' Offset	15' Offset	On a Taper	On a Taper		
30	L = WS / 50	150'	165'	180'	30'	60'	90'
35		205'	225'	245'	35'	70'	120'
40	L = WS / 60	265'	295'	320'	40'	80'	240'
45		430'	495'	540'	45'	90'	320'
50	L = WS / 75	500'	550'	600'	50'	100'	400'
55		550'	605'	660'	55'	110'	500'
60	L = WS / 90	600'	660'	720'	60'	120'	600'
65		650'	715'	780'	65'	130'	700'
70	L = WS / 105	700'	770'	840'	70'	140'	800'
75		750'	825'	900'	75'	150'	900'

* 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 devices 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 50 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 TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
 - See TCP 15-11 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

DATE	BY	CHK'D BY	APP'D BY	REV
1-12				
1-12				
1-12				

DATE FILED