



**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: 2018-23533

Applicant: CenterPoint Energy

Job Location Site: Emily Park Lane, Katy, TX 77494

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 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 9th day of October, 2018, Upon Motion of Commissioner Mayers, seconded by Commissioner Morales, 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

Presented to Commissioners Court and approved.

By: Sean Eglinton

County Engineer

Date Recorded 10-12-2018 Comm. Court No. 14c

N/A

Clerk of Commissioners Court

By:

Drainage District Engineer/Manager

By: Ardo 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
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Permits@fortbendcountytexas.gov

☒ Right of Way Permit
☐ Commercial Driveway Permit
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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:

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | a. Name of road, street, and/or drainage ditch affected. |
| <input checked="" type="checkbox"/> | b. Vicinity map showing course of directions |
| <input checked="" type="checkbox"/> | c. Plans and specifications |

(2) BOND:

- | | | | |
|-------------------------------------|--|---|---------------------|
| <input type="checkbox"/> | County Attorney, approval when applicable. | | |
| <input checked="" type="checkbox"/> | Perpetual bond currently posted. | Bond No: [REDACTED] | Amount: \$50,000.00 |
| <input type="checkbox"/> | Performance bond submitted. | Bond No: _____ | Amount: _____ |
| <input type="checkbox"/> | 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.

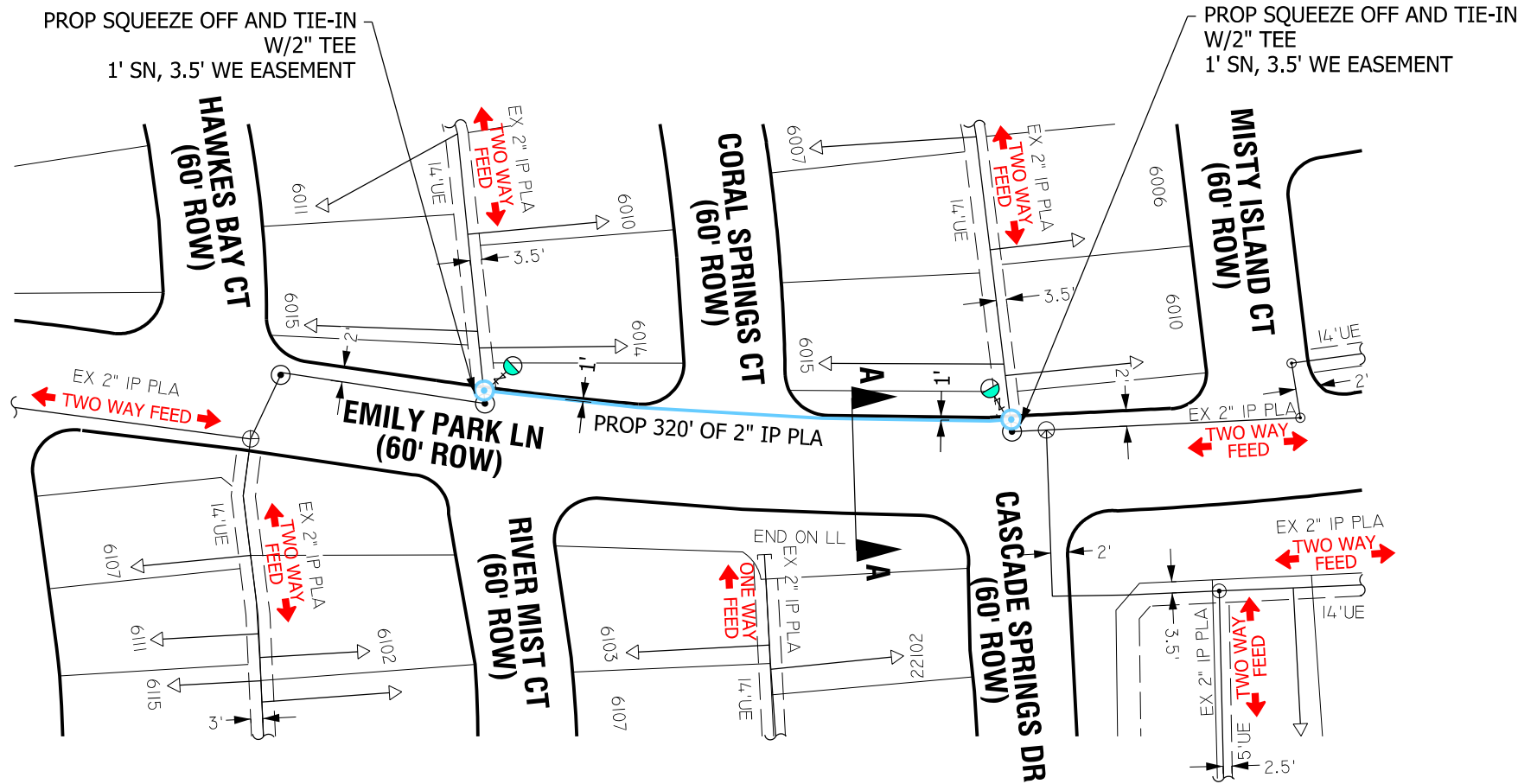


Permit Administrator

9/27/2018

Date

8/17/2018 2:28:14 PM M:\Josh Benitez\2018\2 - S\Hwy 99 at Westpark Hwy Tie-ins\Emily Park Ln - 2in pla tie-in\EB5-181351.dgn



PERMITS REQUIRED FOR CONSTRUCTION

- ☐ NO PERMITS REQUIRED
- ☐ TXDOT
- ☐ CITY: _____
- ☒ COUNTY: FORT BEND
- ☐ FLOOD CONTROL/DRAINAGE: _____
- ☐ RAILROAD: _____

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 11.0 320'

PE 2406/2708

WO#: 87277212

PROP 2" TEE

PROP 5# ZINC ANODE

GCO#: 40274

STAKING REQUEST#: 87277212

GENERAL NOTES:

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

1- USE #14 TRACER WIRE FOR ALL RESIDENTIAL SERVICE LINES

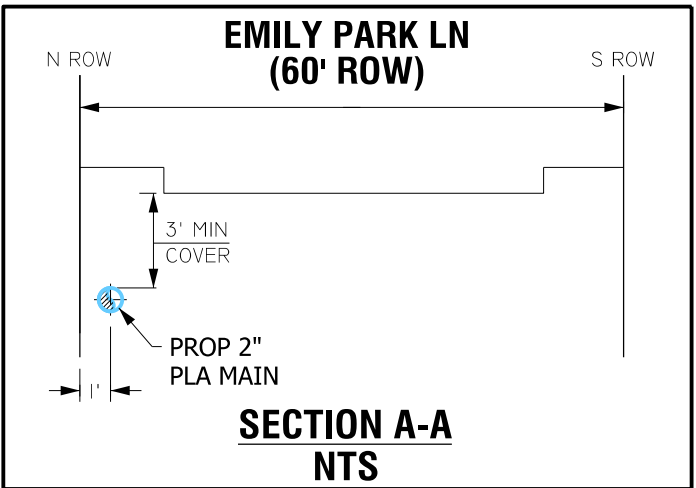
2- USE #14 TRACER WIRE FOR SHORT BORES UP TO 300' AND ALL OTHER NON-BORE INSTALLATIONS

3- USE #10 TRACER WIRE WITH ALL BORES LONGER THAN 300'

4- USE #8 TRACER WIRE AS NEEDED FOR LARGE BAYOU CROSSINGS AND OTHER EXTRAORDINARY SITUATIONS AND COMPLEX BORES

INSPECTOR APPROVAL REQUIRED PRIOR TO WORK

FORT BEND COUNTY PERMIT



GENERAL NOTES

1. FIELD VERIFY & LOCATE ALL EXISTING FEEDS, MAINS, AND SERVICES.
2. MAINTAIN MIN DEPTH OF 3' UNLESS OTHERWISE NOTED.
3. TEST PRESSURE @ 100 PSIG IN ACCORDANCE WITH SECTION CS-B-1.220 OF THE CONSTRUCTION & SERVICE MANUAL.
4. USE GAUGES TO MONITOR & MAINTAIN FEEDS, AND PRESSURE.
5. ALL SERVICE LINES MUST HAVE AN EFV OR CURB VALVE INSTALLED IN ACCORDANCE WITH SECTION CS-FORM 1.150 OF THE CONSTRUCTION AND SERVICE MANUAL AND EFV SIZING CHART. CONTACT ENGINEERING FOR ADDITIONAL SIZING RECOMMENDATIONS.
6. CONTACT ENGINEERING (JOSH BENITEZ 713-207-6072) WITH ANY NECESSARY FIELD CHANGES.
7. THIS PROJECT IS SUBJECT TO SEWER LATERAL INSPECTION TO VERIFY CLEARANCE, PER THE OPTIONS STATED IN THE CONSTRUCTION AND SERVICE MANUAL. ENGINEERING WAS UNABLE TO VERIFY THE CLEARANCE WITH MAPS AND RECORDS.

DESIGNED BY: JOSH BENITEZ	713-207-6072
ESTIMATED COST: \$	CONTRIBUTION: \$
START DATE: 10/22/18	COMPLETION DATE: 10/26/18
PURPOSE AND NECESSITY: TO TIE-IN 2" IP PLA MAIN TO INCREASE PRESSURE DURING COLD WEATHER	

RECOMMENDED BY:	DATE:
APPROVED BY:	DATE:

DRAWN BY: WJT
DATE: 8/17/18
SCALE: 1:100
SHEET: 1 OF 1

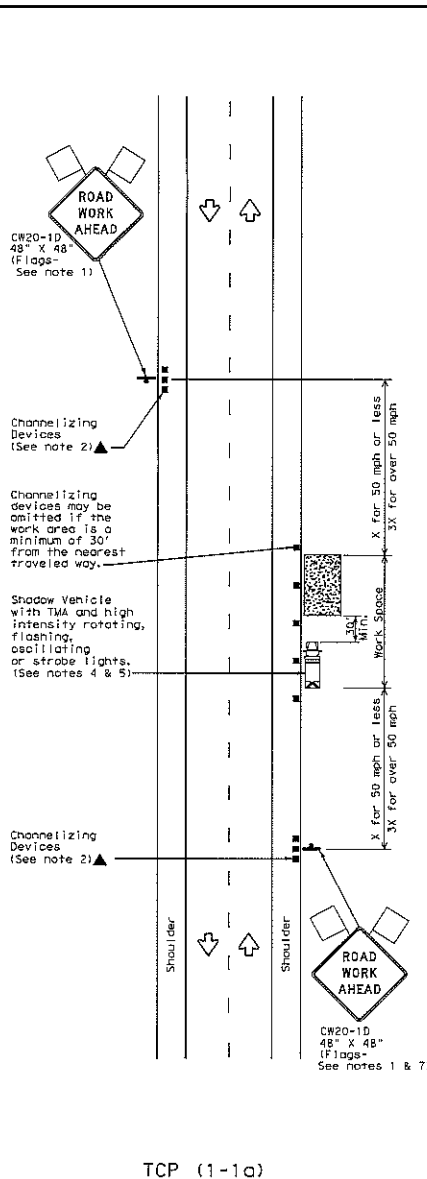
**COLD WEATHER TIE-IN 2" IP PLASTIC
AT EMILY PARK LN
KATY, TEXAS**

**CenterPoint
Energy**
Texas Region - Houston Gas Engineering

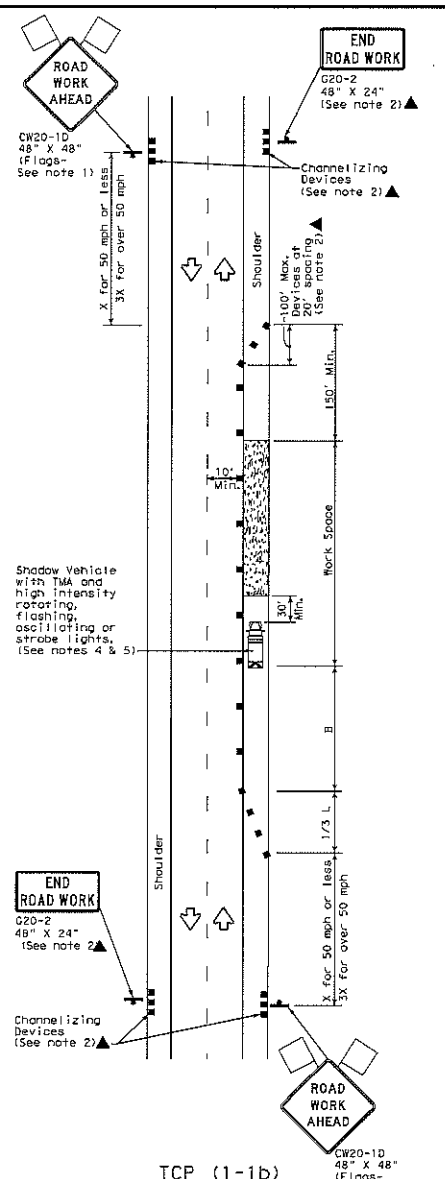
DWG No: **EB5-181351**

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

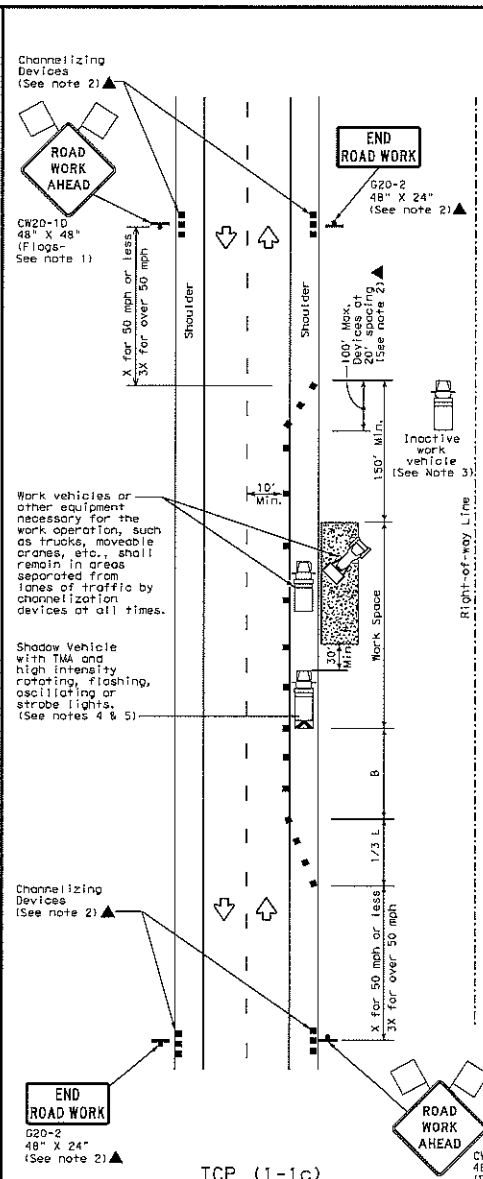
DATE: FILE:



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
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed	Formula	Minimum Desirable Taper Lengths	Suggested Maximum Spacing of Channelizing Devices	Minimum Sign Spacing	Suggested Longitudinal Buffer Space
30		10' Offset	On a Taper	On a Tangent	
35	$L = \frac{WS^2}{60}$	150' 165' 180'	30' 60'	120'	90'
40		205' 225' 245'	35' 70'	160'	120'
45		265' 295' 320'	40' 80'	240'	155'
50		450' 495' 540'	45' 90'	320'	195'
55		500' 550' 600'	50' 100'	400'	240'
60		550' 605' 660'	55' 110'	500'	295'
65		600' 660' 720'	60' 120'	600'	350'
70		650' 715' 780'	65' 130'	700'	410'
75		700' 770' 840'	70' 140'	800'	475'
		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 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 TCP15-11 for shoulder work on divided highways, expressways and freeways.
- CW21-5 "SHOULDER WORK" signs may be used in place of CW20-1D "ROAD WORK AHEAD" signs for shoulder work on conventional roadways.

Texas Department of Transportation		Traffic Operations Division Standard	
TRAFFIC CONTROL PLAN CONVENTIONAL ROAD SHOULDER WORK			
TCP (1-1)-18			
FILED	TOPIC	DATE	BY
1-18	1-18	1-18	1-18
2-94	4-98	8-95	2-12
1-97	2-18		
DIST		COUNTY	SHEET NO.