

**REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT**

On this 6th day of September, 2016, Commissioners Court came on to be heard and reviewed the accompanying notice of Centerpoint Energy Job Location 21807 Beechnut Street, Richmond, TX 77407 Date 4/28/1988 Bond No. 22-022-417, Permit No. 2016-8861 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 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.

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. Chanda  
for County Engineer

By: N/A  
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.  
Recorded in Volume 9/6/16 15B  
Minutes of Commissioners Court

Clerk of Commissioners Court  
By: Renee Michulka  
Deputy **RENEE MICHULKA**



**48 HOUR NOTICE for work in Harris County Right of Way**  
 See this link, [http://hccpd.org/permits/docs/ROW\\_Notice\\_to\\_Proceed.pdf](http://hccpd.org/permits/docs/ROW_Notice_to_Proceed.pdf),  
 to fill out the 48 hour Notice to Proceed that will need to be sent to the  
 Permit Office and the Precinct that the proposed work will be in. For the  
 Permit office this form can be submitted either electronically or faxed. For  
 the Precincts' it may only be submitted via fax. This form can only be  
 submitted AFTER the permit has been pulled.

Once all construction is completed within the Right of Way, a completed 'Initial  
 Inspection Request or Work in ROW Form' must be submitted immediately. See  
 this link for form, [http://hccpd.org/permits/docs/ROW\\_Notification\\_Inspection\\_](http://hccpd.org/permits/docs/ROW_Notification_Inspection_form.pdf)  
 form.pdf.

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	
PROJECT WO#	78643493
FACET	F30270686
OP MAP	F30270686
KM	O30240860
LAMBERT	525L
TC	525S
SZ	525C
SOG	4454D3

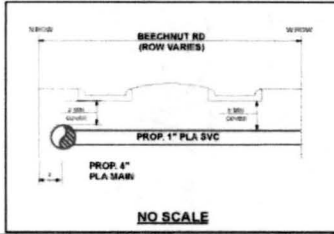
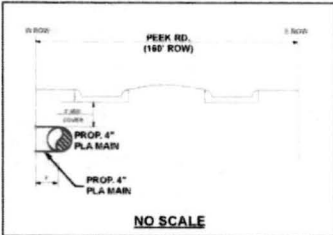
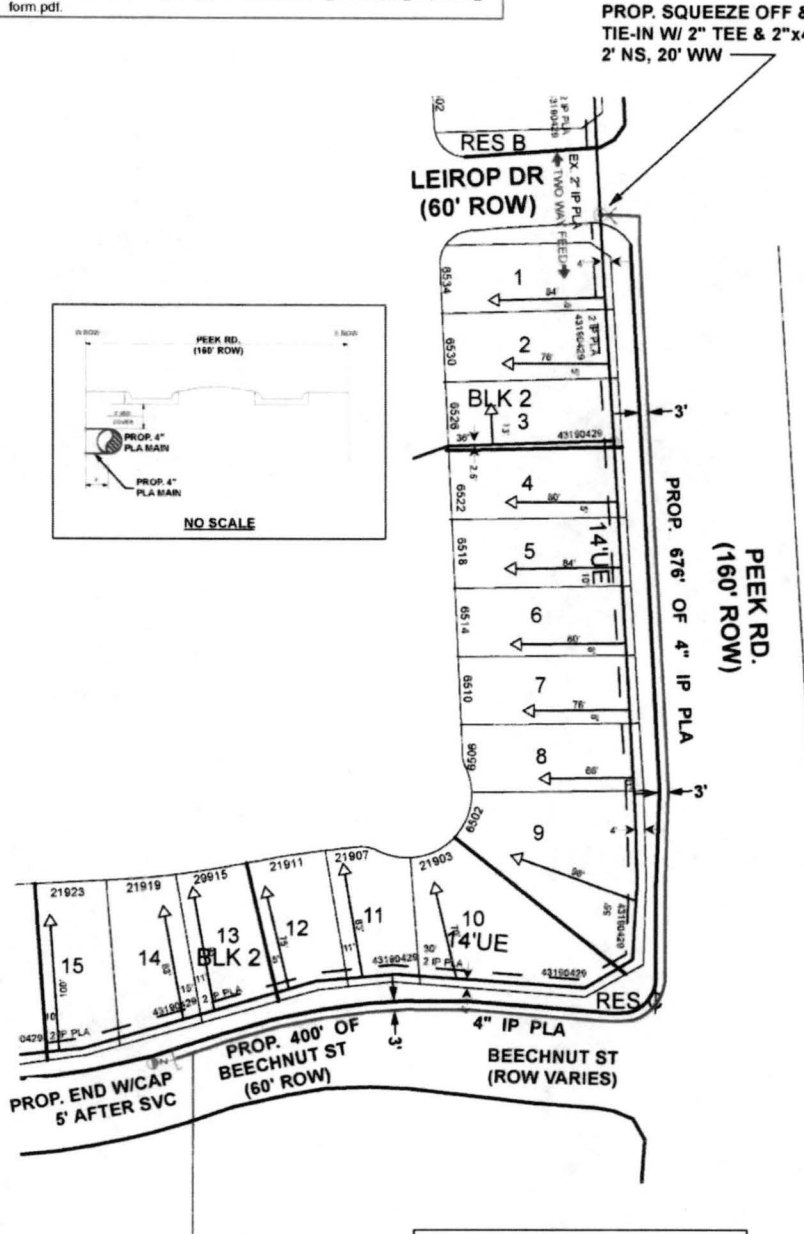
**LEGEND**  
 EXISTING MAIN \_\_\_\_\_  
 PROP. 4" IP PLA SDR 11.5 1076  
 PE 24082708  
 W.O.# 78643493  
 TEST PRESSURE 100 PSIG  
 GCO# 36326  
 NOTIFICATION# 1403613621  
 STAKING REQUEST# 78643493  
 PROP. 5# ZINC ANODE  
 PROP. TEE

**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 BAY/OJ CROSSINGS AND OTHER EXTRAORDINARY SITUATIONS AND COMPLEX BORES. INSPECTOR APPROVAL REQUIRED PRIOR TO WORK.

X,Y LOC: 3028593.81, 687435.23  
 21807 BEECHNUT ST.  
 HOUSTON, HARRIS COUNTY

**PURPOSE:**  
 TO SERVE OFFICE BLDG. & FUTURE DEVELOPMENT IN HOUSTON, HARRIS COUNTY.  
**DESIGNER:** RAVINDER DUGGAL  
**PHONES:** 713-267-4821  
**DRAWN BY:** STEVE NAVARRO  
**DESIGN DATE:** 7/12/2016  
**ESTIMATED COST:** \$27,645.50  
**CONTRIBUTION:** \$2,325.00  
**DATE NEEDED:** 8/14/2016

**RECOMMENDED BY:**  
**DATE:**  
**APPROVED BY:**  
**SCALE:** 1" = 30'  
**SHEET:** 1 OF 1



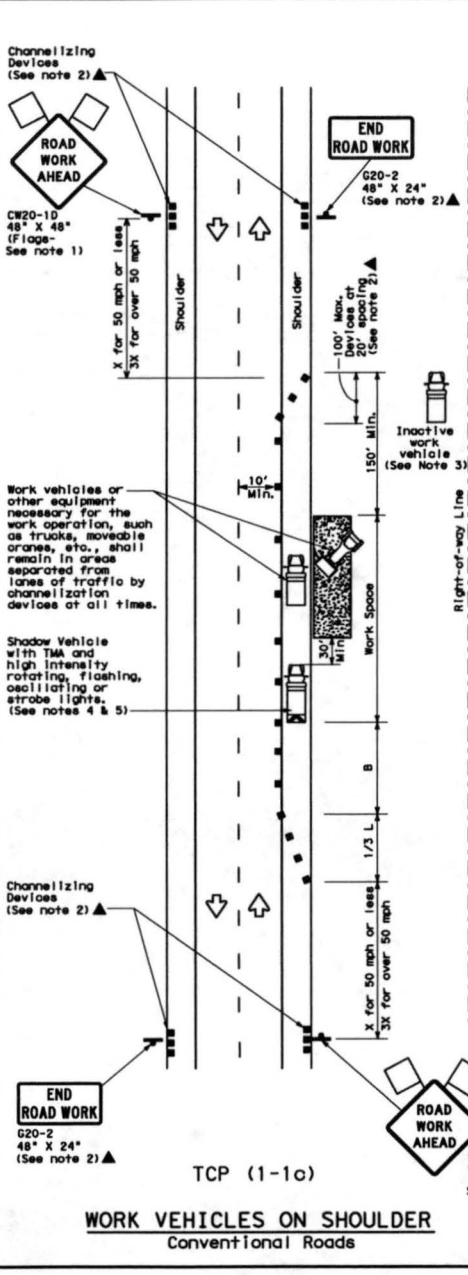
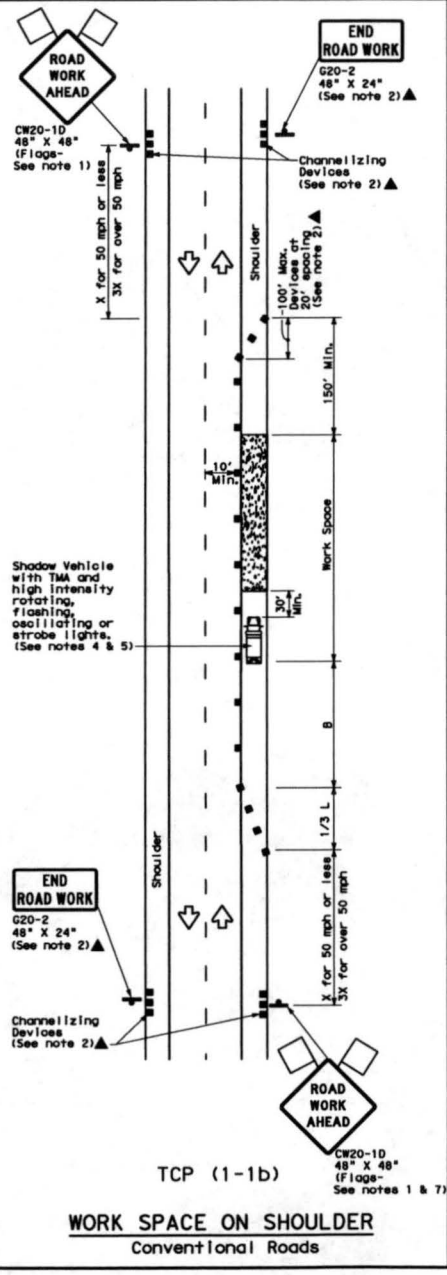
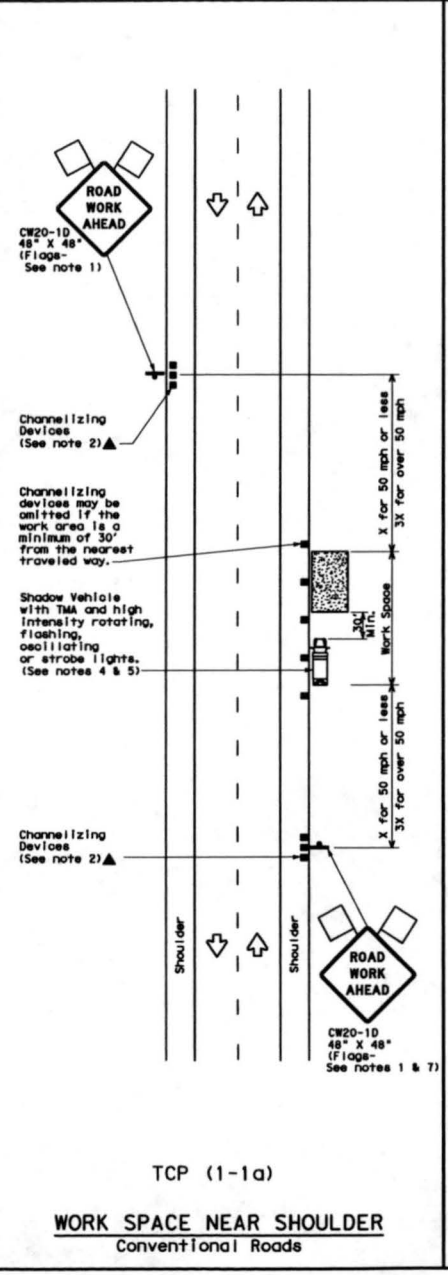
21807 BEECHNUT ST  
 PROP. 213' OF 1" IP CTS PLA SVC  
 WITH 775 EFV  
 LOAD: 330 CFH AT 4OZ.  
 WO #78643497

**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 VERONICA SPILLER 281-561-6012

7/14/2016 1:48:13 PM Designer Express Design

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the content, accuracy, or use of this standard or for incorrect results or damage resulting from its use.

DATE FILE



**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 "x" Distance	Suggested Longitudinal Buffer Space "y"
		10' Offset	12' Offset	On a Taper	On a Tangent		
30	L = WS / 60	150'	165'	180'	30'	60'	90'
35		205'	225'	245'	35'	70'	120'
40	L = WS	265'	295'	320'	40'	80'	155'
45		450'	495'	540'	45'	90'	195'
50	L = WS	500'	550'	600'	50'	100'	240'
55		550'	605'	660'	55'	110'	295'
60	L = WS	600'	660'	720'	60'	120'	350'
65		650'	715'	780'	65'	130'	410'
70	L = WS	700'	770'	840'	70'	140'	475'
75		750'	825'	900'	75'	150'	540'

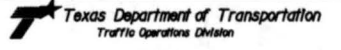
\* Conventional Roads Only  
 \*\* Taper lengths have been rounded off.  
 L=Length of Taper (FT) W=Width of Offset (FT) S=Posted Speed(MPH)

**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 plan, 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 TMAs may be positioned off the paved surface, next to those shown in order to protect wider work areas.
  - See TCP (5-1) for shoulder work on divided highways, expressways and freeways.
  - CB21-5 "SHOULDER WORK" signs may be used in place of CB20-10 "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.



**TRAFFIC CONTROL PLAN**  
**CONVENTIONAL ROAD**  
**SHOULDER WORK**

TCP (1-1)-12

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REVISIONS	DATE	BY	CHKD	APP'D	JOB	HIGHWAY	SHEET NO.
2-84	1-12						
6-85							
1-87							
4-88							