

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 9th day of August, 2016, Commissioners Court came on to be heard and reviewed the accompanying notice of CenterPoint Energy Job Location 17200 Highway 99, Sugar Land, TX 77469 Date 7/26/2016 Bond No. 22-022-417, Permit No. 2016-8614 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: _____

for County Engineer

Presented to Commissioners Court and approved.

Recorded in Volume

8-09-16 10B
Minutes of Commissioners Court

By: _____

N/A

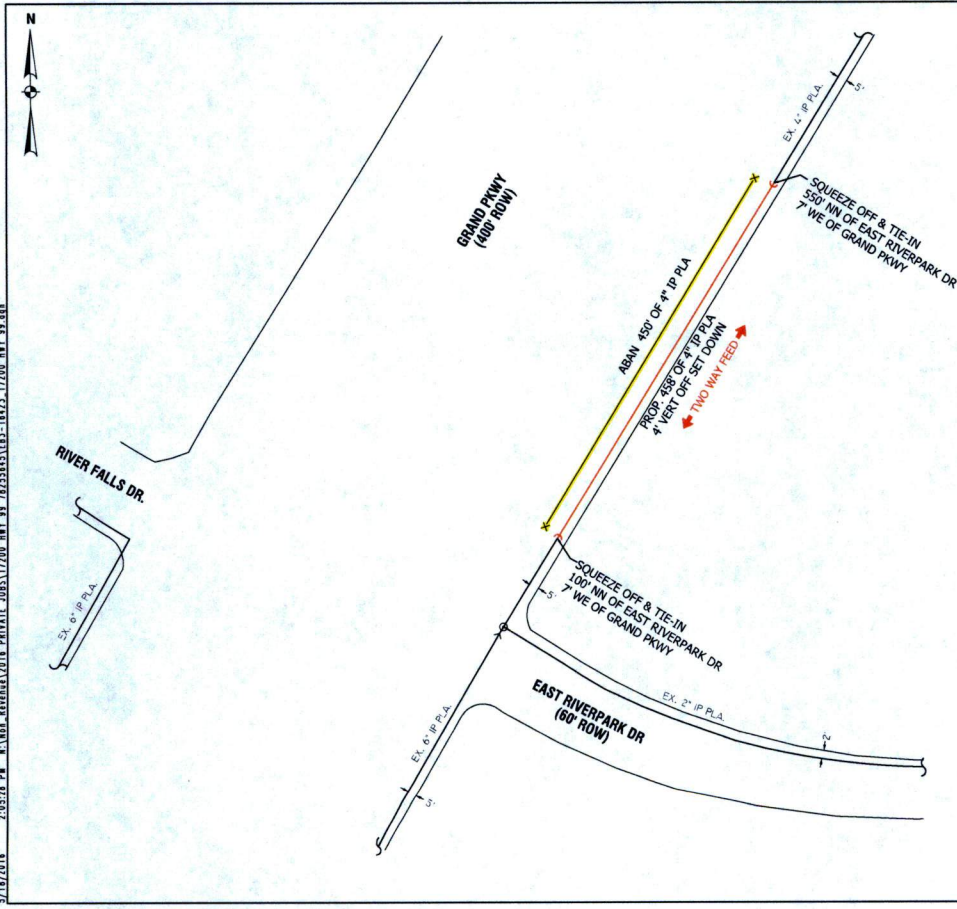
Drainage District Engineer/Manager

Clerk of Commissioners Court

By: _____

Deputy

5/18/2016 2:58:58 PM W:\Data_Retention\2016 PRIVATE\0851\17200 HWY 99 78255645\EB3-16423_17200 HWY 99.dwg



- NOTES:**
1. PLEASE COORDINATE WITH MRS. TINA KHATRI AT (713) 466-8289.
 2. TEST PRESSURE AT 100 PSIG
 3. PLEASE USE GAUGES TO MONITOR PRESSURE AND MAINTAIN FEEDS.

LEGEND AND NOTES

EXISTING MAIN

PROP. 4" IP PLA, SDR 11.5 **458'**

PE 2406/2708
W.O.#:78255645

ABAN, 4" IP PLA **450'**
W.O.#:78255645

TEST PRESSURE 100 PSIG

GCO#:36061

STAKING REQUEST #:78255645

P:30510644 | O:3040640 | K:607-3 | LAMBERT:4649C4 | Z: | S2:507 | TC:061 | S05:07601

DESIGNED BY: JESSIE L. YOUNG | DATE: 7/5/17-JUN

ESTIMATED COST: \$ | COST INCLUDING 8

START DATE: | SCHEDULED ON DATE:

PURPOSE AND NECESSITY: TO CLEAR CONFLICT WITH 1180 LANE

APPROVED BY: OSCAR JURIA | DATE: 05/18/2016

APPROVED BY: | DATE:

**17200 HWY 99
SUGARLAND, TX**

CenterPoint Energy | TEXAS REGION - HOUSTON GAS ENGINEERING

DESIGNED BY: OSCAR JURIA | DATE: 05/18/2016

ESTIMATED COST: \$ | COST INCLUDING 8

START DATE: | SCHEDULED ON DATE:

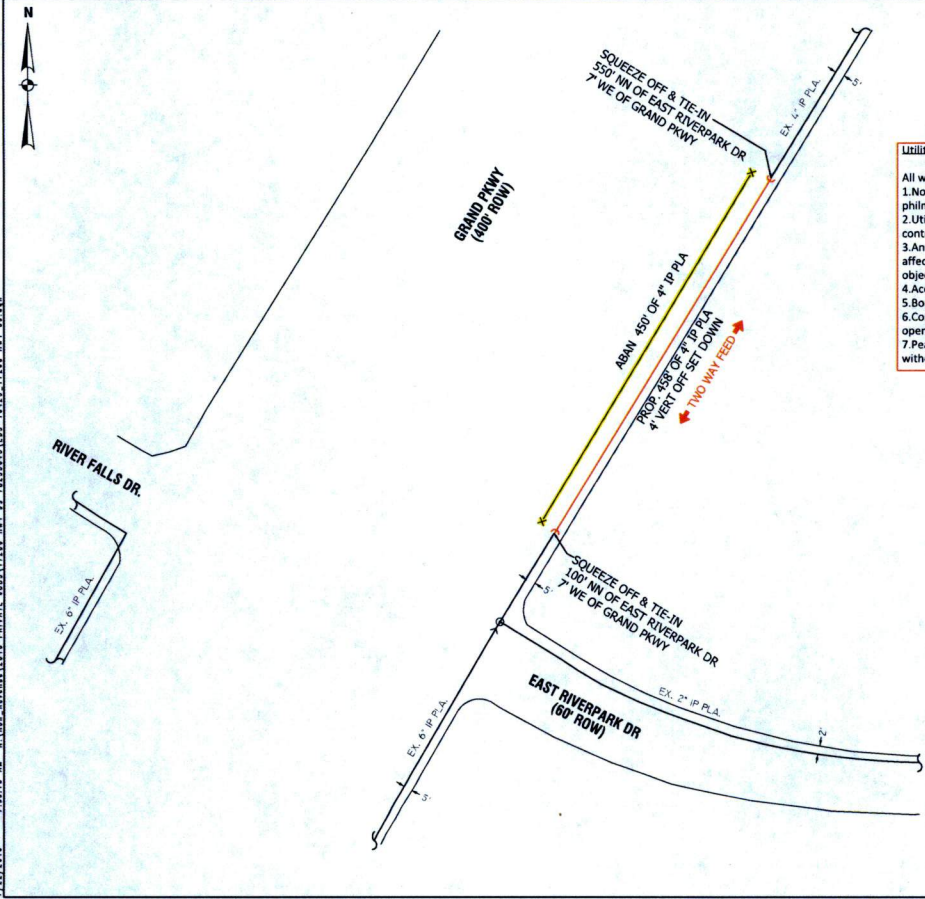
PURPOSE AND NECESSITY: TO CLEAR CONFLICT WITH 1180 LANE

APPROVED BY: OSCAR JURIA | DATE: 05/18/2016

APPROVED BY: | DATE:

EB3-16423

7/22/2016 7:35:15 AM N:\Map_Review\2016 PRIVATE Jobs\17200 HWY 99 78255645\EB3-16423-17200 HWY 99.dwg



- NOTES:**
1. PLEASE COORDINATE WITH MRS. TINA KHATRI AT (713) 466-8289.
 2. TEST PRESSURE AT 100 PSIG
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Utility Permit Notes for FBGTR and FBCTRA (collectively as FBTRA)

All work must meet TxDOT / State of Texas utility accommodation requirements

1. Notify Phil Martin with FBTRA at least 48 hours prior to commencing work at (713) 574-5261: philmartin@mikestoneassociates.com
2. Utility owner must provide owner's responsible person's name and contact information (not contractor's contact information).
3. Any work within the toll road right of way requires a traffic control plan; even if lanes are not affected. TCP must meet TxDOT or TMUTCD requirements and be reviewed by FBTRA with no objections prior to starting work.
4. Access to SH 99 or Fort Bend Parkway must be coordinated with Phil Martin prior to work.
5. Bore pits within the right of way must be protected during non-work hours.
6. Contractor must clean roadway of dirt and debris prior to the end of each work day or prior to opening roadway to traffic
7. Peak hours are from 5am to 9am, and 3pm to 7pm. No lane closures permitted during peak hours without authorization from FBTRA.

LEGEND AND NOTES

EXISTING MAIN _____

PROP. 4" IP PLA, SDR 11.5 458'

PE 2406/2708
W.O.#:78255645

ABAN. 4" IP PLA. 450'
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TEST PRESSURE 100 PSIG
GCO#:136061
STAKING REQUEST#:78255645

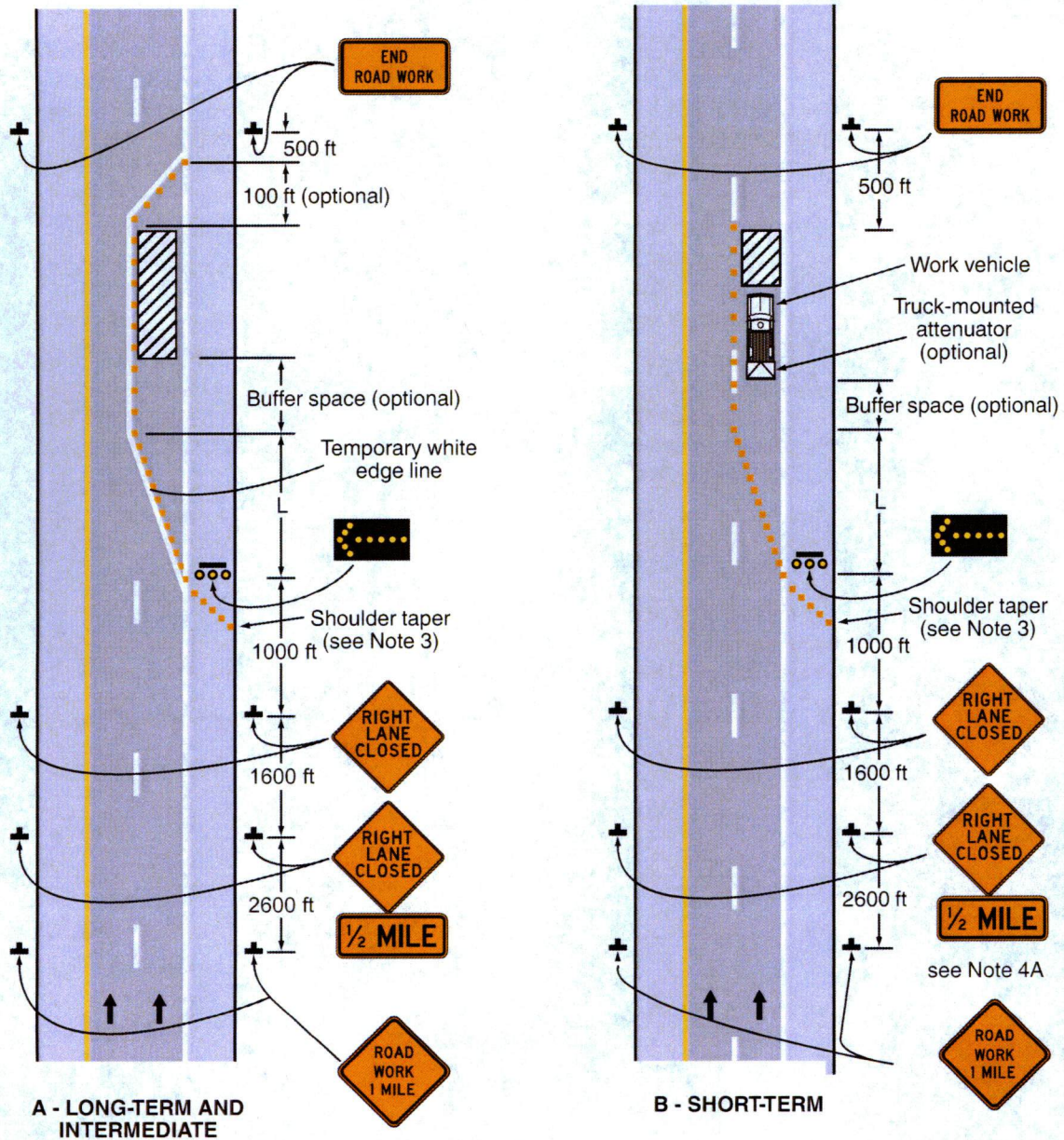
PROJECT NO: 17200 HWY 99	DATE: 05/18/23
DESIGNED BY: J. BOCKY	CHECKED BY: J. BOCKY
DRAWN BY: J. BOCKY	SCALE: 1"=50'
DATE: 05/18/23	PROJECT: 17200 HWY 99
SCALE: 1"=50'	SHEET NO: 1
DATE: 05/18/23	DATE: 05/18/23

**17200 HWY 99
SUGARLAND, TX**

CenterPoint Energy
Texas Region - Houston Gas Engineering

EB3-16423

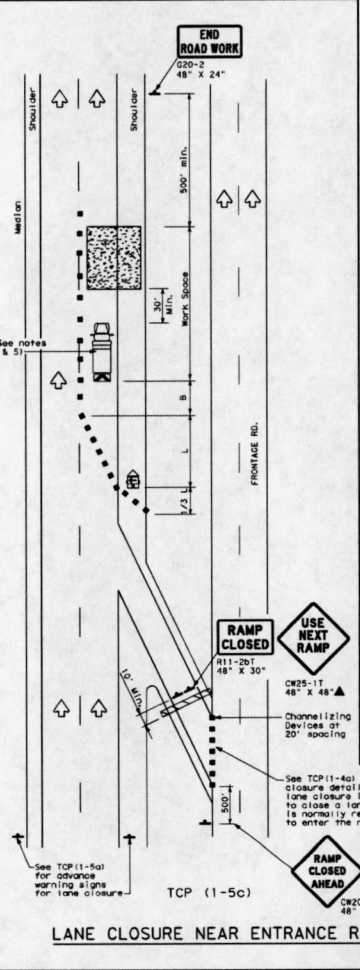
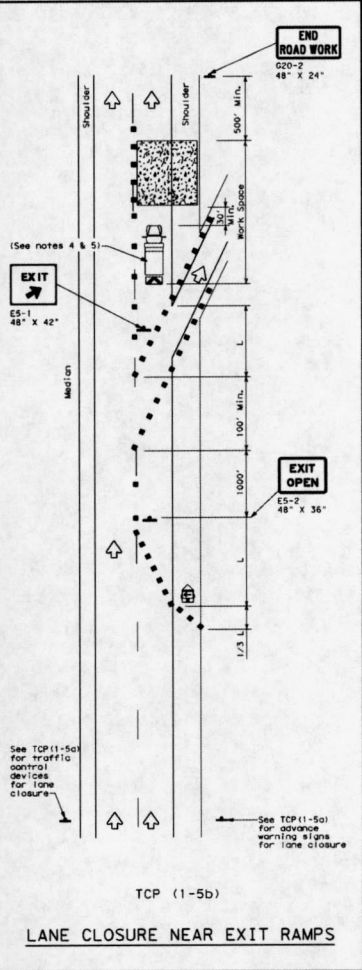
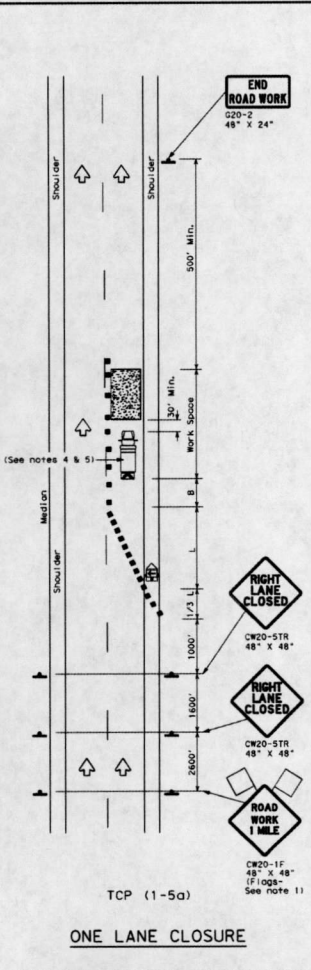
Figure 6H-33. Stationary Lane Closure on a Divided Highway (TA-33)



Note: See Tables 6H-2, 6H-3 and 6H-4 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 33

DISCLAIMER: THE USE OF THIS PLAN IS LIMITED TO THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES UNDERGROUND OR ABOVEGROUND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES UNDERGROUND OR ABOVEGROUND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES UNDERGROUND OR ABOVEGROUND.



LEGEND

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

Posted Speed (MPH)	Formula	Minimum Desirable Taper Lengths - ft	Suggested Maximum Spacing of Channelizing Devices	Minimum Sign Spacing Distance	Suggested Longitudinal Buffer Space - ft
30	$L = WS^4$	10' 11' 12'	On a Taper 30'	60'	120'
35		205' 225' 245'	35'	70'	160'
40		265' 295' 320'	40'	80'	240'
45		450' 495' 540'	45'	90'	320'
50		500' 550' 600'	50'	100'	400'
55		550' 605' 660'	55'	110'	500'
60		600' 660' 720'	60'	120'	600'
65		650' 715' 780'	65'	130'	700'
70		700' 770' 840'	70'	140'	800'
75		750' 825' 900'	75'	150'	900'

X Conventional Roads Only
 XX 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	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.
- Channelizing devices used to close lanes may be supplemented with the Chevron Alignment Sign placed on every other channelizing device. Chevrons may be attached to plastic drums as per BC Standards.
- Show Vehicle with TMA and high intensity rotating, flashing, oscillating or strobe lights. A Show Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of lane 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 Show Vehicle and TMA.
- Additional Show Vehicles with TMA may be positioned in each closed lane, on the shoulder or off the paved surface, next to those shown in order to protect a wider work space.

For construction or maintenance contract work, specific project requirements for show 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
LANE CLOSURES FOR
DIVIDED HIGHWAYS

TCP (1-5)-12

© 2001 February 2012
 DATE PREP: 02/15/12
 DATE REVISION: 02/15/12
 JOB: 12-000000
 SHEET NO. 155