



**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: 2017-17118

**Applicant:** CenterPoint Energy

**Job Location Site:** 6802 Oak Knoll, Richmond, TX 77406

**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](http://MyGovernmentOnline.org) portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

On this 12th day of December, 2017, Upon Motion of Commissioner \_\_\_\_\_, seconded by Commissioner \_\_\_\_\_, 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: *Chandy O. Ay*  
*ja* County Engineer

Date Recorded \_\_\_\_\_ Comm. Court No. \_\_\_\_\_

Clerk of Commissioners Court

By: N/A  
Drainage District Engineer/Manager

By: \_\_\_\_\_  
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  
281.633.7500  
[Permits@fortbendcountytx.gov](mailto:Permits@fortbendcountytx.gov)

- Right of Way Permit**  
 **Commercial Driveway Permit**

Permit No: 2017-17118

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:                           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.**

*Chandy O. Aj*

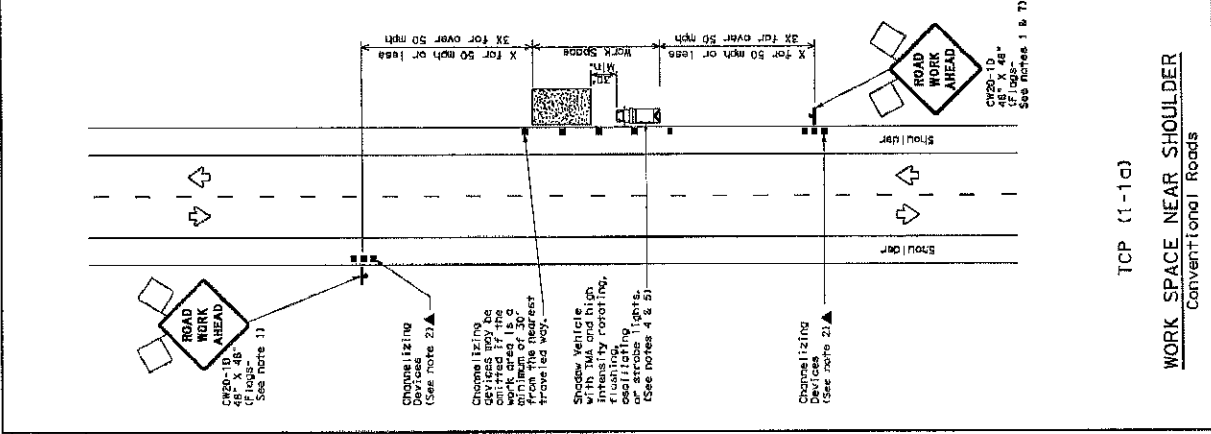
\_\_\_\_\_  
Permit Administrator

12/1/2017

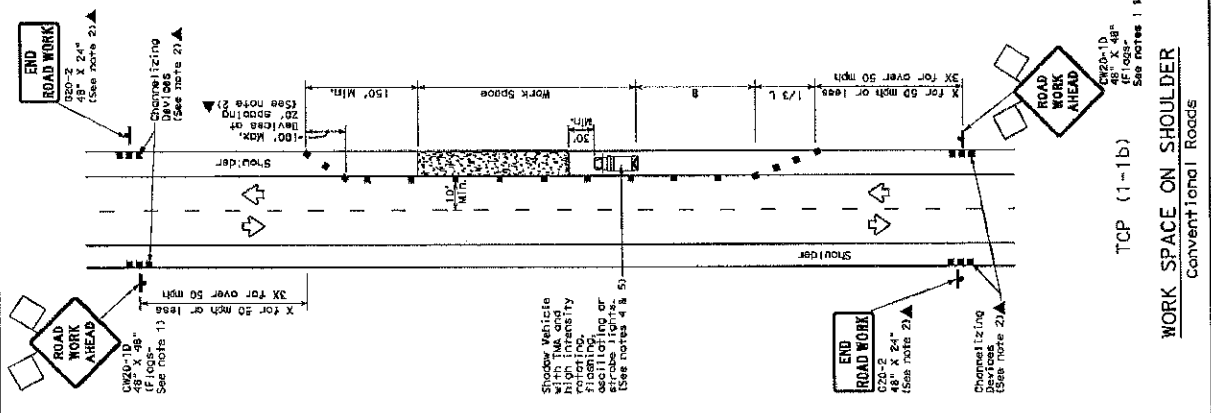
\_\_\_\_\_  
Date



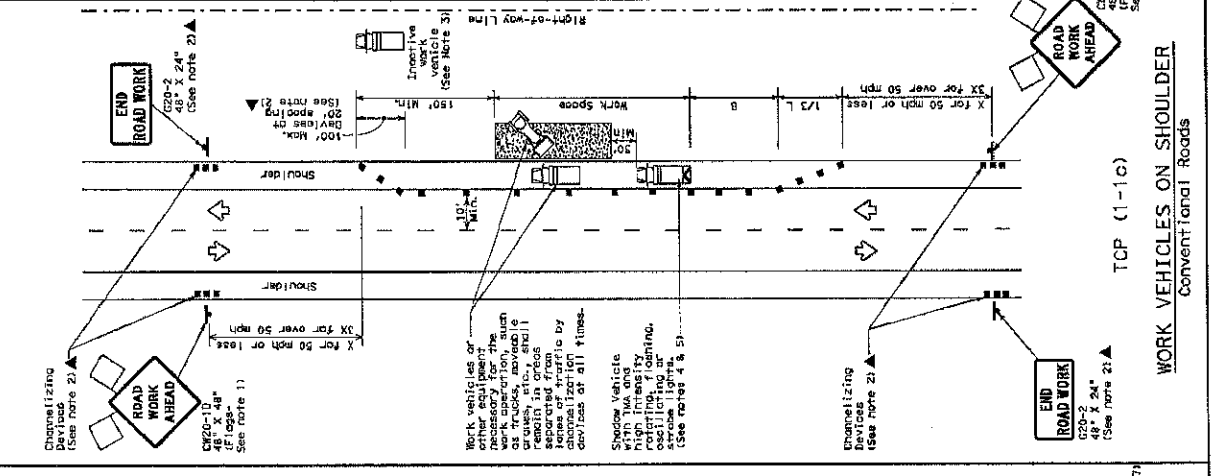
DISCLAIMER: The use of this standard is governed by the Texas Engineering Practice Act. No warranty or liability is made by the Texas Department of Transportation for the use of this standard for purposes or for incorrect results of damages resulting from the use of this standard.



TCP (1-1a)  
Conventional Roads



TCP (1-1b)  
Conventional Roads



TCP (1-1c)  
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	Minimum Taper Lengths	Minimum Sign Spacing	Minimum Sign Spacing for Road
30	100'	100'	100'
35	150'	150'	150'
40	200'	200'	200'
45	250'	250'	250'
50	300'	300'	300'
55	350'	350'	350'
60	400'	400'	400'
65	450'	450'	450'
70	500'	500'	500'

\* Conventional Roads Only  
\*\* Taper lengths have been rounded off.  
1. Length of Taper (T) = width of offset (F) x Posted Speed (MPH)

MOBILE	SHORT DURATION	INTERMEDIATE TERM	LONG TERM STATIONARY
✓	✓	✓	✓

**GENERAL NOTES**

- Flags attached to signs where shown are required.
- All traffic control devices illustrated are required, except those noted otherwise.
- For routine maintenance work, when approved by the Engineer.
- Positive work vehicles or other equipment should be parked near the work area.
- A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of work. If workers are no longer visible to the traffic, the Shadow Vehicle with a TMA should be substituted for the Shadow Vehicle and TMA.
- Additional Shadow Vehicles with TMAs may be positioned off the paved shoulder to those shown in the diagram when working on the shoulder and ramps.
- CP2L-5 "SHOULDER WORK" signs may be used in place of CP20-10 "ROAD WORK AHEAD" signs for shoulder work on conventional roadways.

For construction or maintenance contract work, specific requirements for signs and devices can be found in the project GENERAL NOTES for Item 502 - Barricades, Signs and Traffic Handling.

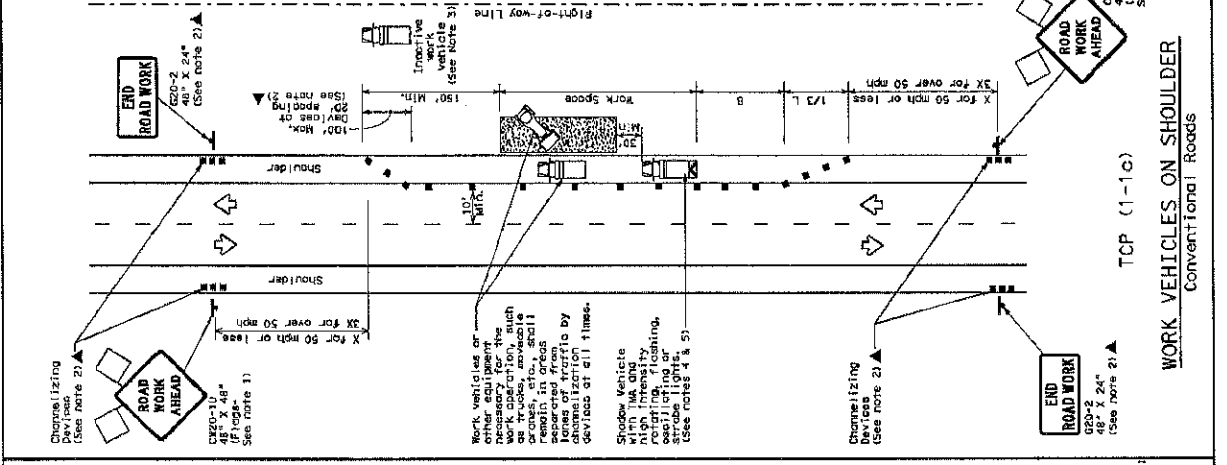
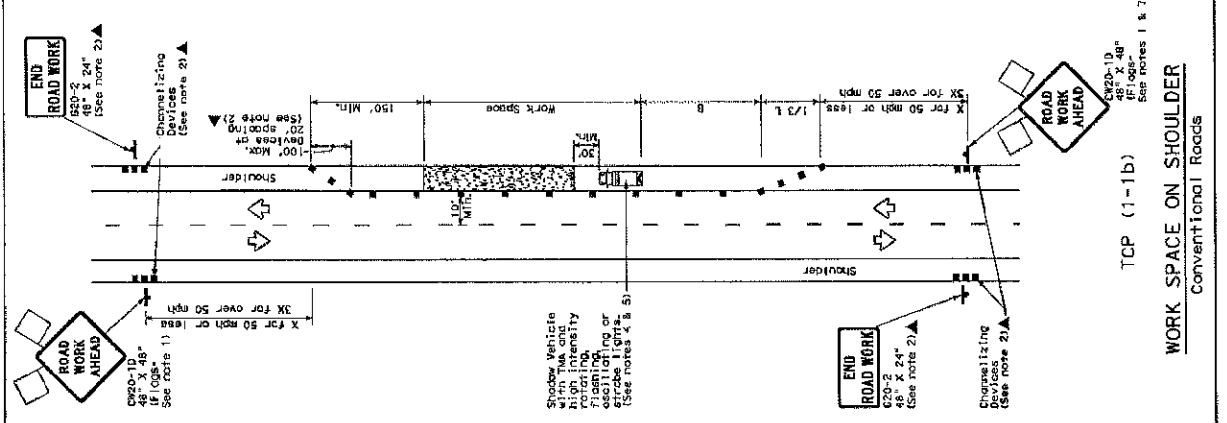
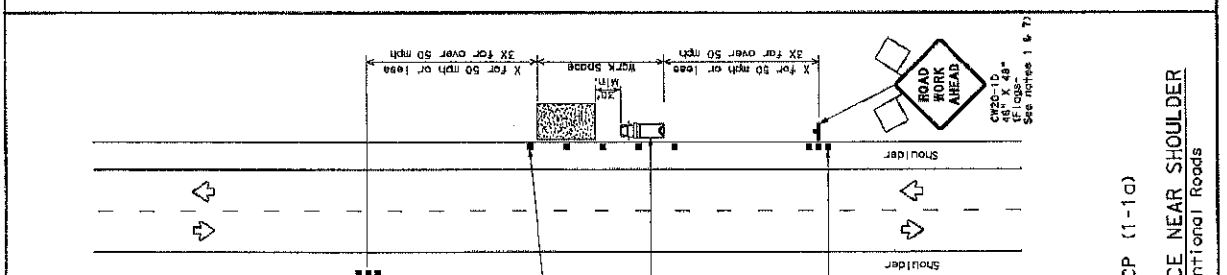
Texas Department of Transportation  
Traffic Operations Division

**TRAFFIC CONTROL PLAN  
CONVENTIONAL ROAD  
SHOULDER WORK**

TCP (1-1)-12

PROJECT NO.	1-12
DATE	1-12
REVISED	1-87
BY	484

The use of this standard is governed by the Texas Engineering Practices Act in the absence of any other applicable law. It is intended for use as a minimum standard for the design of any project or work. It is not intended to be used as a basis for liability or for the award of any damages or for the recovery of any costs. It is not intended to be used as a basis for the award of any damages or for the recovery of any costs.



### LEGEND

Type 3 Barricade	Channelizing Device

Vehicle Speed Formula	Minimum Taper Lengths	Suggested Maximum Channelizing Device Spacing	Minimum Sign Spacing	Minimum Sign Spacing at Buffer Space
30	10'	10'	10'	10'
35	15'	15'	15'	15'
40	20'	20'	20'	20'
45	25'	25'	25'	25'
50	30'	30'	30'	30'
55	35'	35'	35'	35'
60	40'	40'	40'	40'
65	45'	45'	45'	45'
70	50'	50'	50'	50'
75	55'	55'	55'	55'
80	60'	60'	60'	60'
85	65'	65'	65'	65'
90	70'	70'	70'	70'
95	75'	75'	75'	75'
100	80'	80'	80'	80'

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

### TYPICAL USAGE

MOBILE	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### GENERAL NOTES

- Flags attached to signs where shown are required.
- Signs should be placed in the work area, except those shown with the triangle symbol may be placed elsewhere in the plan, or for routine maintenance work, when approved by the Engineer.
- Lighting work vehicles or other equipment should be placed near the work area.
- A Showdown Vehicle with a TMA should be used on the work area. It can be positioned in advance of the work area, if it is not adversely affecting the performance or quality of the work. If workers are not to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Showdown Vehicle and TMA.
- Additional Showdown Vehicles with TMA may be positioned off the paved work area, if approved by the Engineer.
- See TCEM-111 for shoulder work on divided highways, expressways and freeways.
- See TCEM-112 for shoulder work on undivided highways, expressways and freeways.
- See TCEM-113 for shoulder work on conventional roadways.

For construction or maintenance activities work, specific requirements for the use of signs and devices are listed 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	CHECKED	APPROVED
2-24-12	1-12	1-12	1-12
1-12	1-12	1-12	1-12
1-12	1-12	1-12	1-12