

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

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

Permit No: 2018-19264

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.

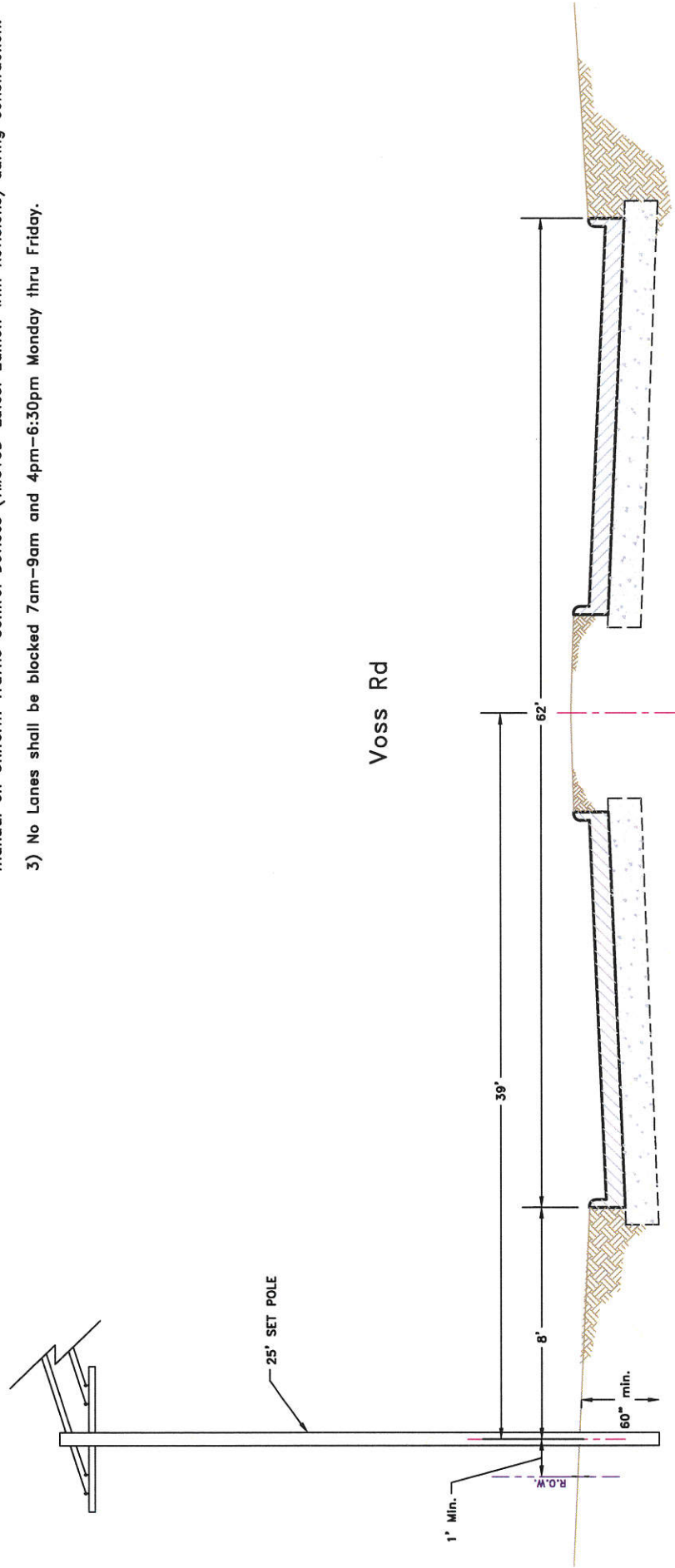
Rick J. Staigle, PE, PTOE
Permit Administrator

3/16/2018

Date

General Notes:

- 1) Surface to be restored to its original condition in compliance with Fort Bend County Standards.
- 2) Contractors shall provide and install traffic control devices in conformance with part VI of Texas manual on Uniform Traffic Control Devices (TMUTCD--Latest Edition with Revisions) during construction.
- 3) No Lanes shall be blocked 7am-9am and 4pm-6:30pm Monday thru Friday.

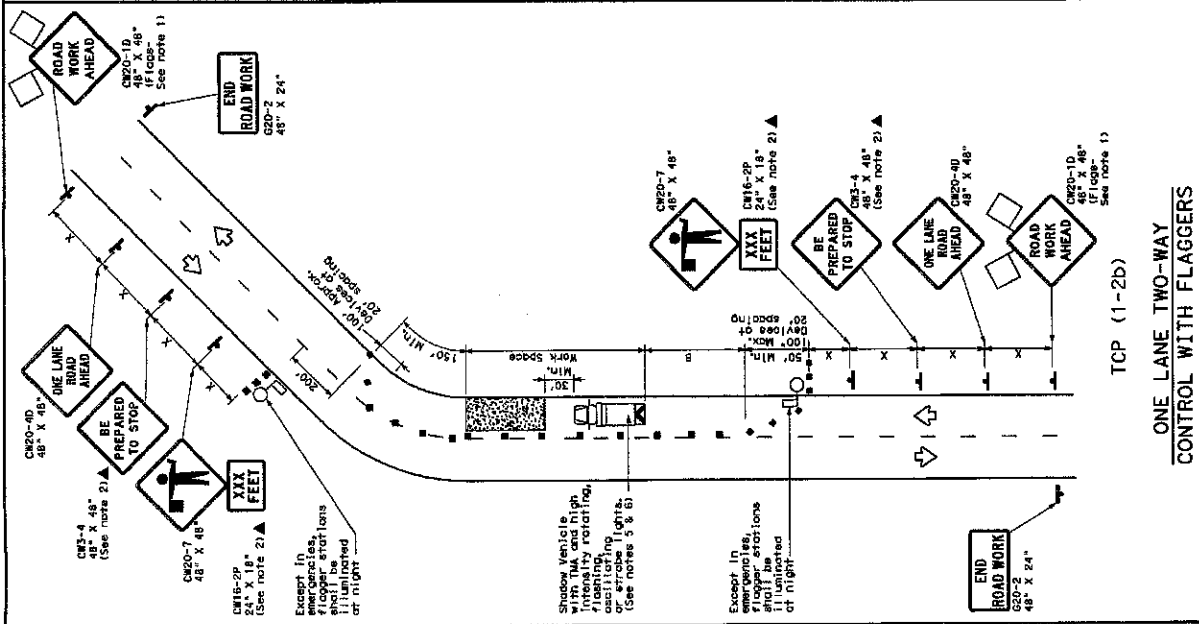
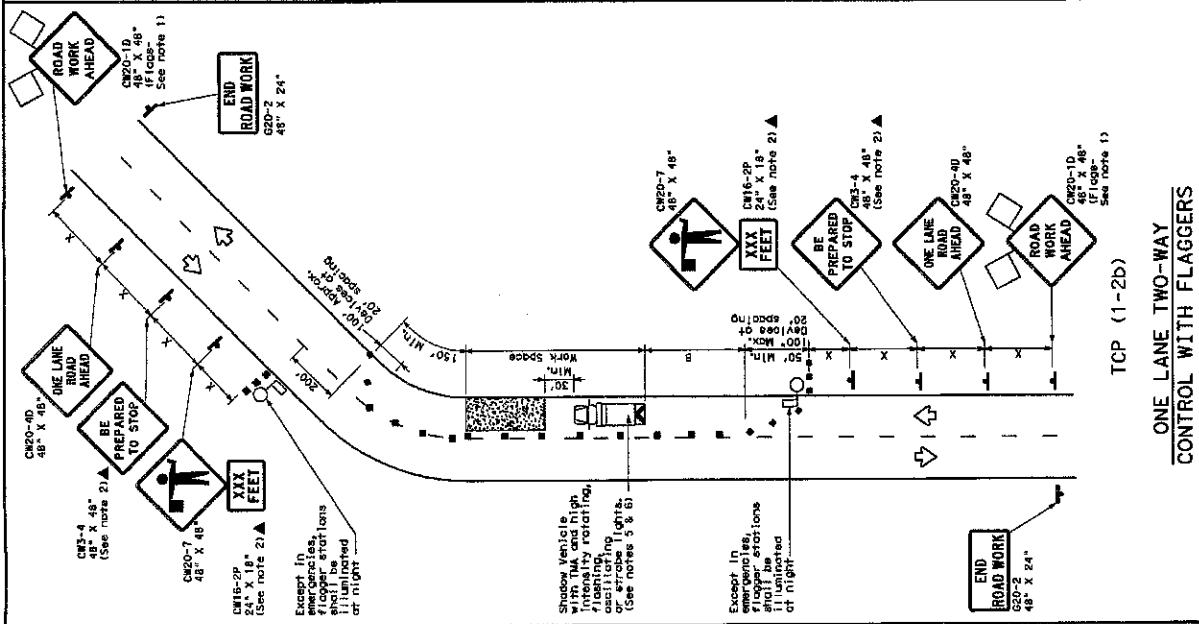


		Job # M0218-7893	
DESCRIPTION: Notice Of Proposed Utility Installation		ADDRESS: Voss Rd	
REVISIONS:		CITY/ZIP: Sugar Land, TX 77498	
REVISION#1: Rev#1	DATE: Rev#1 Date	TENANTS:	# OF FLOORS:
REVISION#2: Rev#2	DATE: Rev#2 Date	WO#: 101474	JOB#: M0218-7893
REVISION#3: Rev#3	DATE: Rev#3 Date	APPROVED BY:	DRAWN BY: PE
REVISION#4: Rev#4	DATE: Rev#4 Date	DATE:	DATE: 3/6/2018

LEGEND

UG	3(1") PVC W/ F.O. CABLE	PSLW SET POLE	PROPOSED CONDUIT	PSLW SET POLE
UG	3(1.25") PVC W/ F.O. CABLE	EXISTING SET POLE	EXISTING CONDUIT	EXISTING SET POLE
UG	1(2") PVC W/ F.O. CABLE	EXISTING UTILITY POLE	1.25" EMT	EXISTING UTILITY POLE
UG	1(4") HDPE W/ 3(1.25")PVC	PROPOSED PSLW VAULT (24"x36"x24")	R/W	PROPOSED PSLW VAULT (24"x36"x24")
UG	FLEX INNERDUCT	EXISTING VAULT	EDGE-OF-PAVEMENT	EXISTING VAULT
AIR	AERIAL FIBER OPTIC CABLE	PULLBOX	FENCE	PULLBOX
CAT5	CATS CABLE	MDF LOCATION	RACK LOCATION	MDF LOCATION

1371-
13140



Reelbed Speed %	Formula	Minimum Barrelcase Temperature 10° 11° 12° F 50° 55° 60° F 100° 110° 120° F 200° 225° 250° F	Suggested Max Heat Cooling of Spooling On a Tonnage	Minimum Spooling Rate On a Tonnage	Mean Length of Spool in Feet	Suggested Length of Spool in Feet	Shops to Start Spooling in Feet
30	$L = M^2$	150° 165° 180° 30°	60°	120°	90°	200°	
35	$L = 60$	205° 225° 245° 35°	70°	160°	120°	250°	
40	$L = 80$	250° 275° 300° 40°	80°	200°	150°	300°	
45	$L = 100$	300° 330° 360° 45°	90°	240°	180°	350°	
50	$L = 120$	350° 385° 420° 50°	100°	300°	240°	400°	
55	$L = 140$	400° 440° 480° 55°	110°	360°	285°	450°	
60	$L = 160$	450° 500° 550° 60°	120°	420°	330°	500°	
65	$L = 180$	500° 560° 620° 65°	130°	480°	380°	550°	
70	$L = 200$	550° 610° 680° 70°	140°	540°	430°	600°	
75	$L = 225$	600° 670° 750° 75°	150°	600°	475°	650°	
80	$L = 250$	650° 730° 820° 80°	160°	660°	520°	700°	
85	$L = 275$	700° 790° 890° 85°	170°	720°	565°	750°	
90	$L = 300$	750° 850° 960° 90°	180°	780°	610°	800°	
95	$L = 325$	800° 910° 1030° 95°	190°	840°	655°	850°	
100	$L = 350$	850° 970° 1100° 100°	200°	900°	700°	900°	

* Conventional Reads 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
	✓		✓	

[illegible]

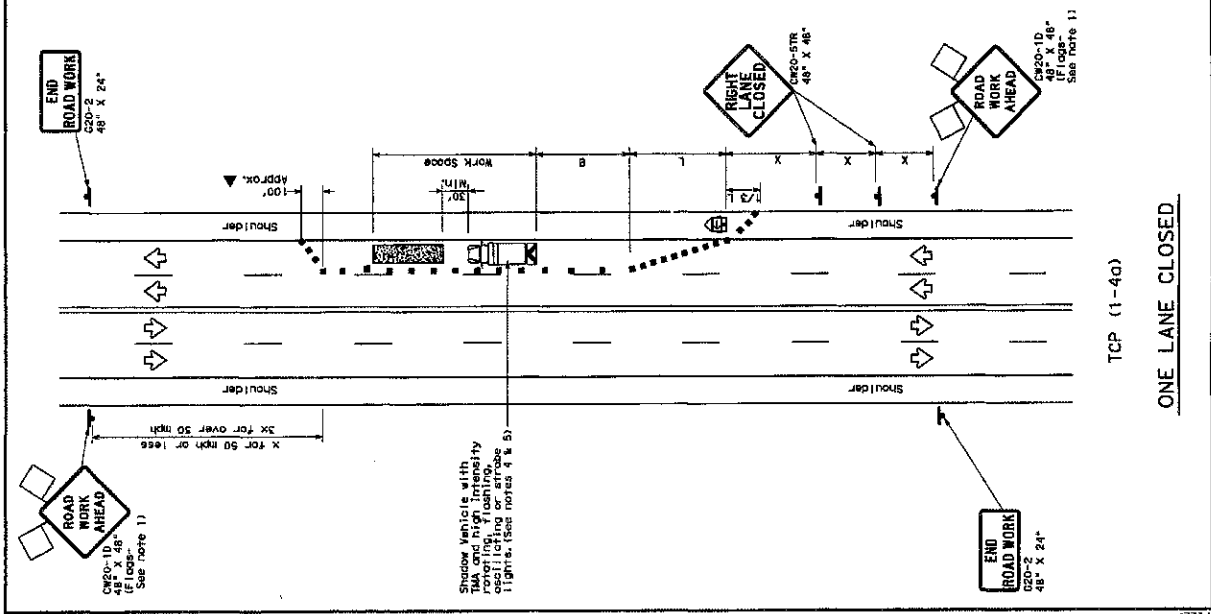
- TCP-1 (1-2c)**
8. Placards (signs) used as traffic control may be used on projects with approaches that have adequate sight distances. For projects in urban areas, work zones should be no longer than one half city block. In rural areas on roadways with less than 2000 ft. work spaces should be no longer than 400 feet.
9. A "STOPPING TRAFFIC" plaque shall be placed on a support or a 7 foot minimum mounting height.
- TCP-1 (1-2d)**
3. Flagers should use two-way radios or other methods of communication to control traffic.
4. Length of work space should be based on the ability of flagers to communicate.
5. The work space is located near a horizontal or vertical curve, the buffer distance should be increased in order to permit adequate stopping sight distance to the flager.
6. Channelizing devices on the center-line may be omitted when a pilot car is leading traffic and approved by the Engineer.
7. Flagers should use 24 inch x 36 inch plaques to control traffic. Flags should be

Texas Department of Transportation
Traffic Operations Division

TRAFFIC CONTROL PLAN
ONE-LANE TWO-WAY
TRAFFIC CONTROL

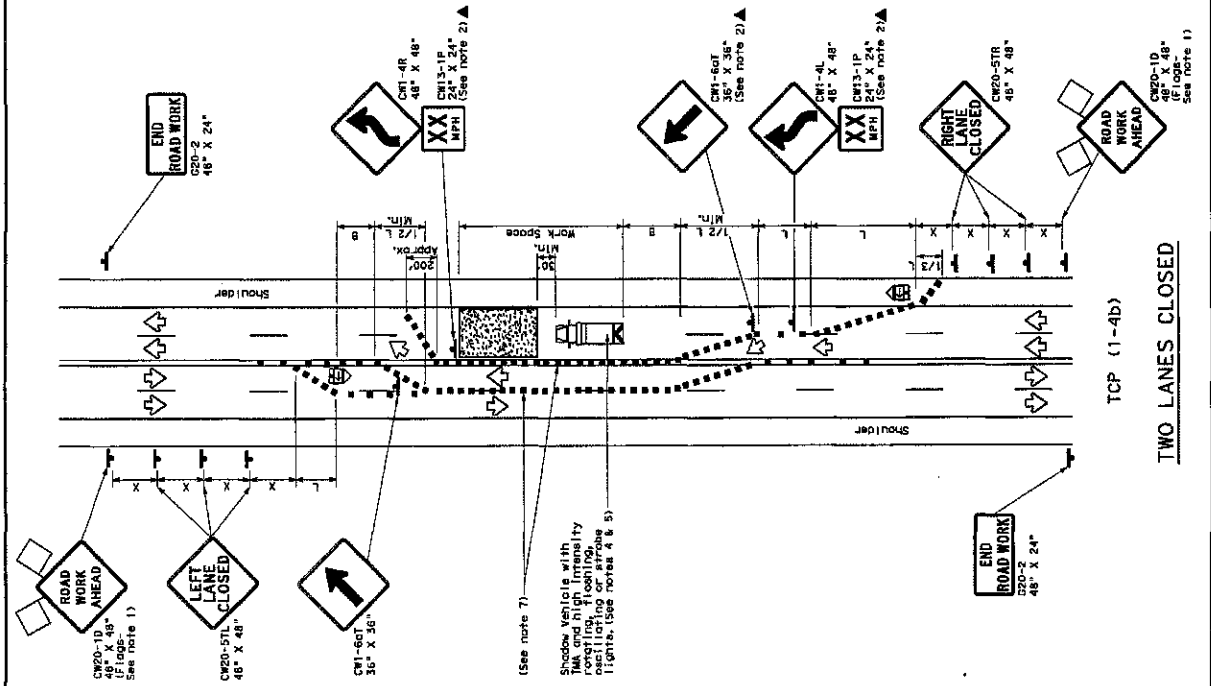
TCP(1-2)-12

④ 1-ADT December 1985 sections 4-30 2-34 1-37 4-36	NEW TRACT CONT.		JOB	JOB NO. 1001	NEW TRACT HIGHWAY
	DIST.		COUNTY	SAGLE NO.	
	DIST.		COUNTY	SAGLE NO.	
	DIST.		COUNTY	SAGLE NO.	



TCP (1-4Q)

ONE LANE CLOSED



TCP (1-4B)

TWO LANES CLOSED

LEGEND

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

Speed Limit (mph)	Minimum Distance (ft)	Minimum Spacing (ft)	Minimum Spacing (ft) - 10' or less	Minimum Spacing (ft) - 10' or more	Minimum Spacing (ft) - 10' or more
30	150'	180'	30'	60'	120'
35	205'	225'	35'	70'	140'
40	265'	295'	40'	80'	160'
45	325'	355'	45'	90'	180'
50	385'	415'	50'	100'	200'
55	445'	475'	55'	110'	220'
60	505'	535'	60'	120'	240'
65	565'	595'	65'	130'	260'
70	625'	655'	70'	140'	280'
75	685'	715'	75'	150'	300'

* Conventional Roads Only

** Taper lengths have been rounded off.

L=Length of Taper (ft) W=Width of Offset (ft) S=Posted Speed (mph)

GENERAL NOTES

1. Flag attached to sign where shown are required.
2. All traffic control devices illustrated are required, except those denoted as optional.
3. The 240-10 "ROAD WORK AHEAD" sign may be replaced by the Engineer.
4. Visibility of the work zone is less than 1500 feet.
5. Additional Shadow Vehicle with this may be positioned off the paved surface, next to those shown in order to protect other work spaces.

TYPICAL USAGE

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

TEXAS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

LANE CLOSURES ON MULTILANE CONVENTIONAL ROADS

TCP (1-4)-12

REVISED: 1-12

DATE: 1-12

FILE: 1-12