



**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: 2017-16374

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.

Charles O. Ay

Permit Administrator

10/27/2017

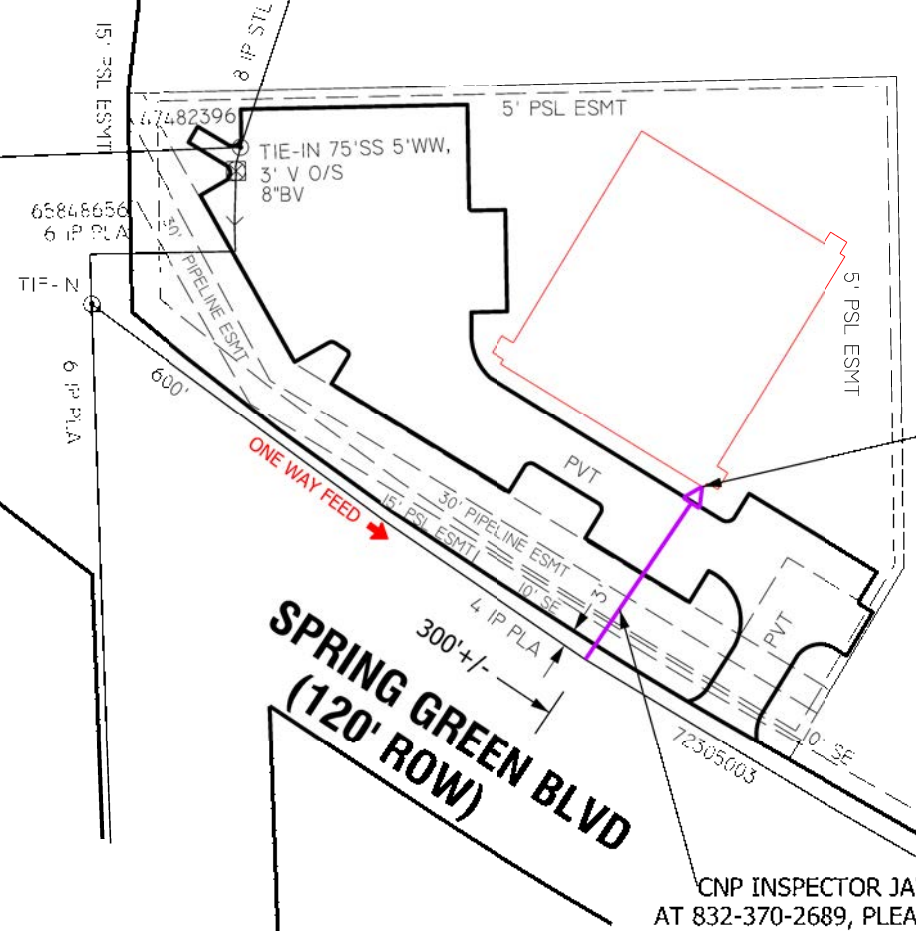
Date

Deputy

10/9/2017 10:58:10 AM C:\REV\REVUE 2017\RAVINDER DUGGAL\TXAS COMS\COMMERCIAL SERVICES\2707 SPRING GREEN B. RD\FB5-171244.dwg



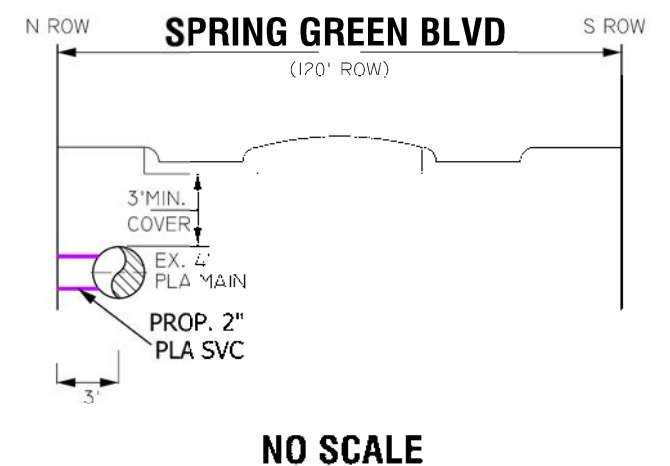
KATY FLEWALLEN RD



2707 SPRING GREEN BLVD
PROP 110' OF 2" IP PLA SVC
WITH 2600 EFV
LOAD 1490 CFH AT 4 OZ
INST 1-1/4" RISER
W.O. #83601472

CNP INSPECTOR JAYSON MALAK
AT 832-370-2689, PLEASE COORDINATE
THIS CONSTRUCTION WITH KEVIN BEVILLE
AT E-MAIL: beville@southcrossenergy.com
48 HRS BEFORE GOING FOR CONSTRUCTION

FORT BEND COUNTY PERMIT



LEGEND AND NOTES

EX. MAIN
PROP. 2" IP PLA SVC
SDR11 PE 2406/2708
W.O. #83601472

TEST PRESSURE 100 PSIG
NOTIFICATION# 1404285531

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 BAYON
CROSSINGS AND OTHER EXTRAORDINARY SITUATIONS
AND COMPLEX BORES.
INSPECTOR APPROVAL REQUIRED PRIOR TO WORK.

F:30030708	O:30000704	KM:484N	LAMBERT:4256B3	Z:	SZ:503	TC:50	SOG:00151
R. DUGGAL				PHONE: 713-207-4621			
TO SERVE COMMERCIAL IN KATY, FORT BEND COUNTY							
R. DUGGAL				DATE: 10/09/2017			
APPROVED BY:				DATE:			

2707 SPRING GREEN BLVD
KATY, FORT BEND COUNTY

- 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 IGNACIO GUERRERO 281-341-6936



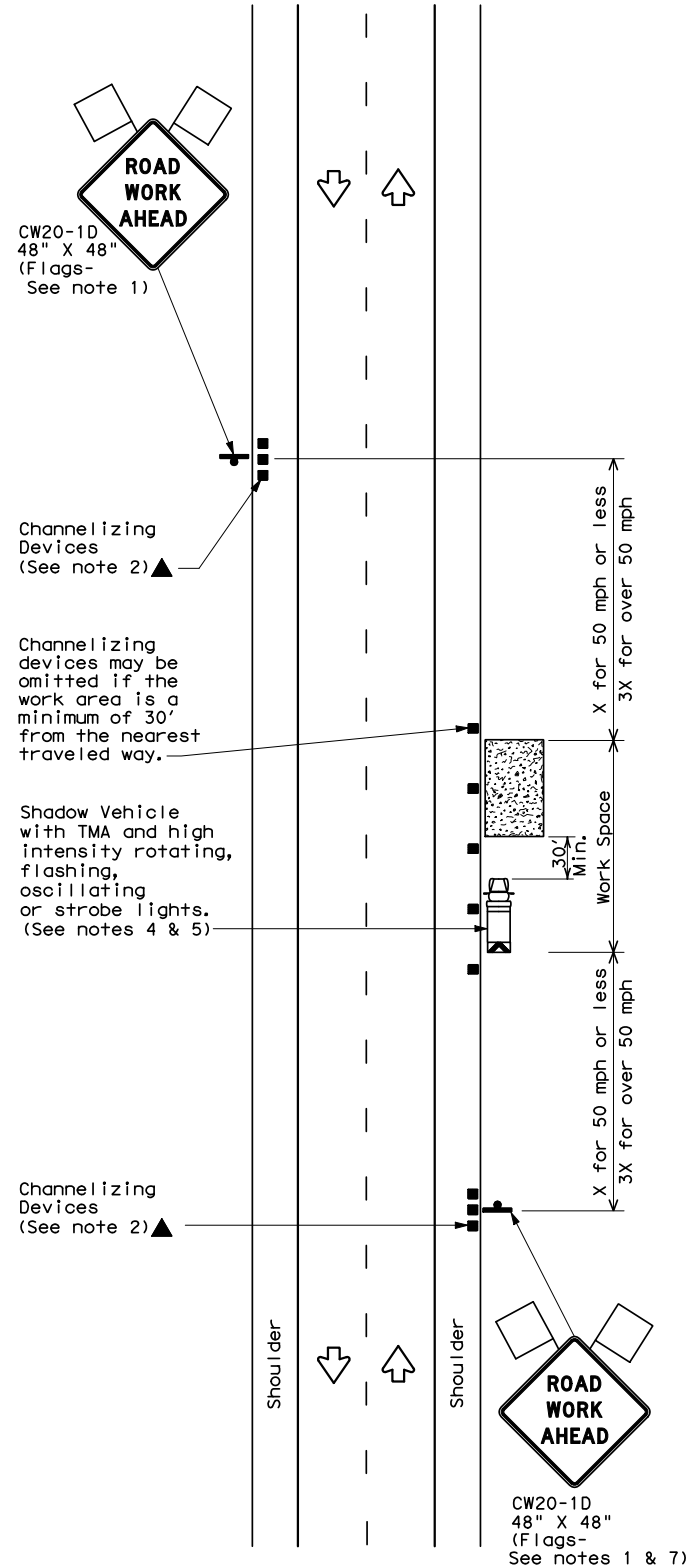
CenterPoint
Energy

Texas Region - Houston Gas Engineering

DRAWN BY: R. DUGGAL
DATE: 10/09/2017
SCALE: 1"=100'
SHEET:
DWG No: **EB5-171244**

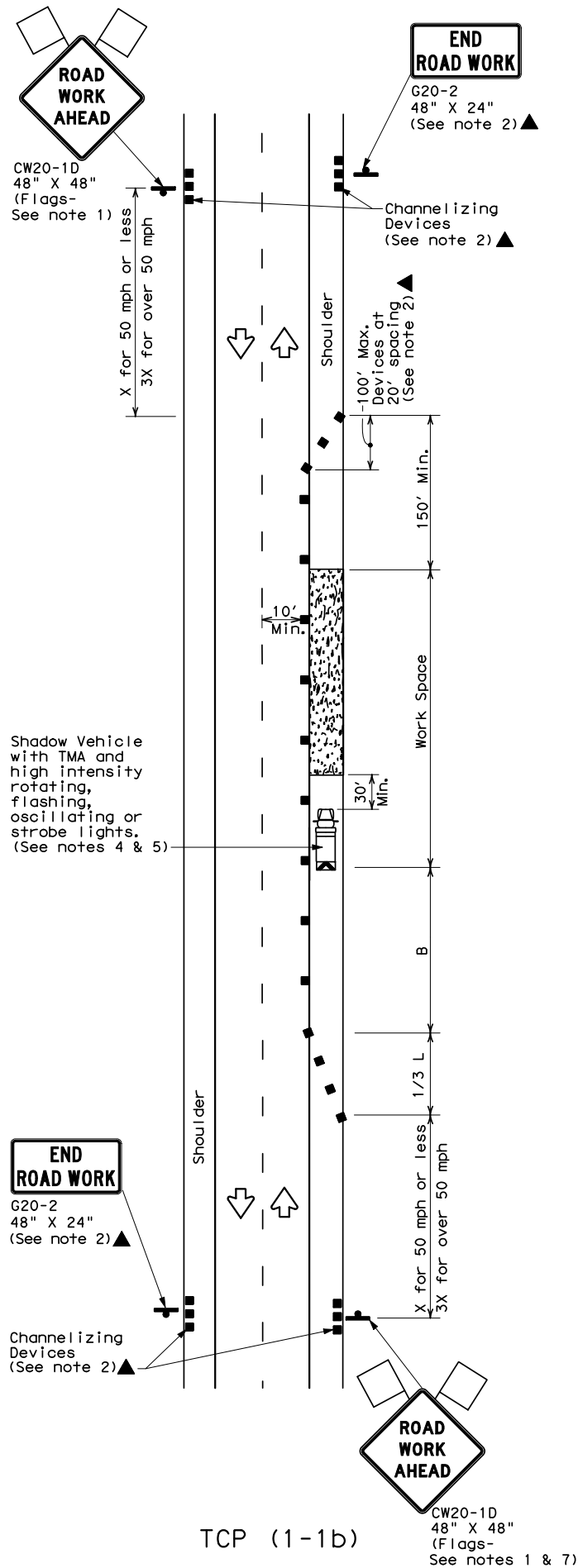
DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

DATE: FILE:



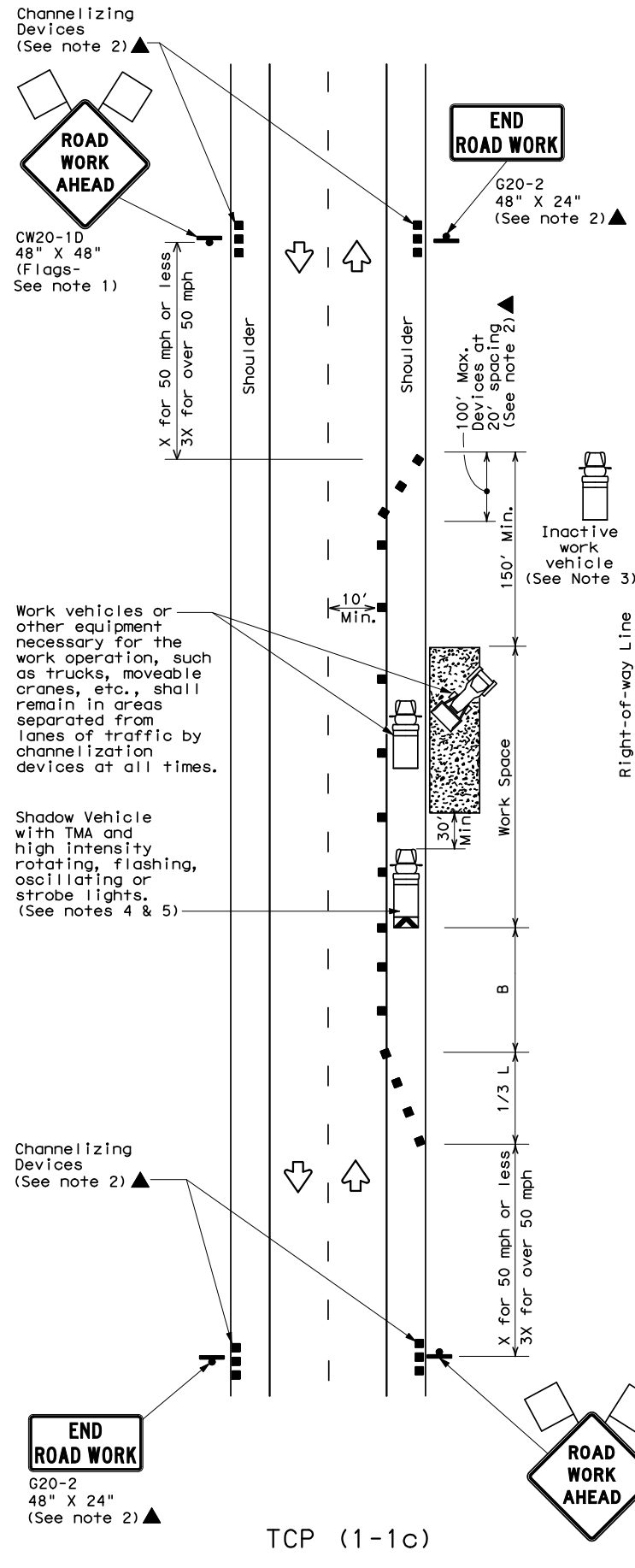
TCP (1-1a)

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 "X" Distance	Suggested Longitudinal Buffer Space "B"
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent		
30	$L = \frac{WS^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45	L = WS	450'	495'	540'	45'	90'	320'	195'
50		500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75		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 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 spaces.
- See TCP(5-1) 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.

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.

Texas Department of Transportation
Traffic Operations Division

TRAFFIC CONTROL PLAN CONVENTIONAL ROAD SHOULDER WORK

TCP(1-1)-12

© TxDOT December 1985		DN: TXDOT	CK: TXDOT	DN: TXDOT	CK: TXDOT
REVISIONS		CONT	SECT	JOB	HIGHWAY
2-94 1-12					
8-95					
1-97					
4-98					
		DIST	COUNTY		SHEET NO.