



**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: 2017-16049

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.

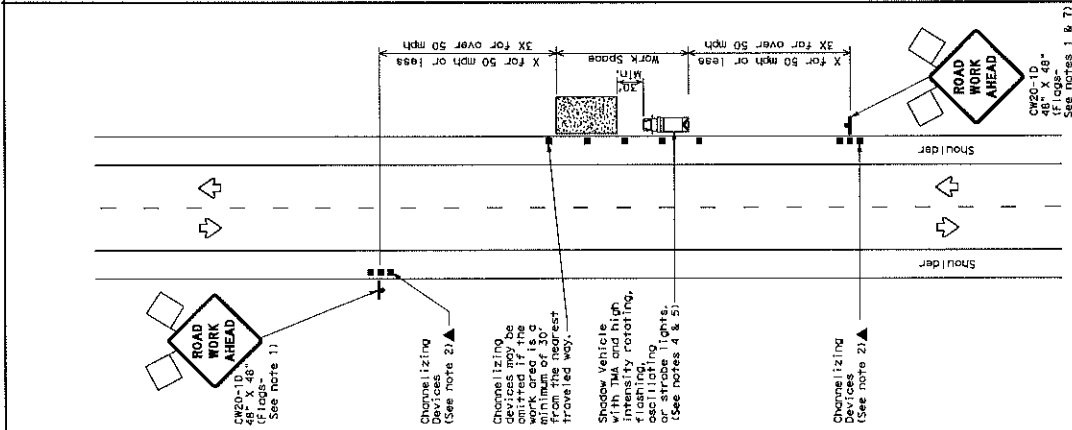
Charles O. Ay

Permit Administrator

10/13/2017

Date

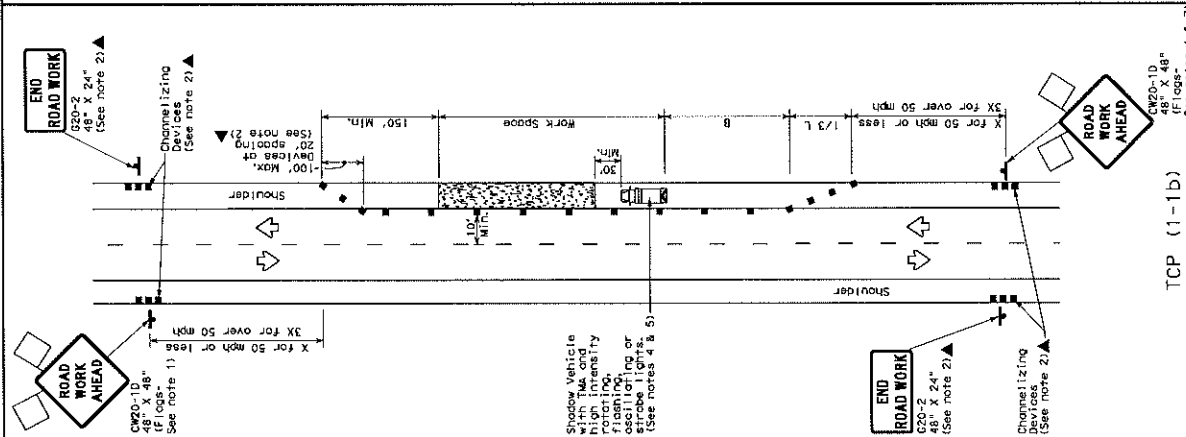
DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the content or use of this standard or for any errors or omissions. TxDOT assumes no responsibility for the content or use of this standard or for any errors or omissions.



TCP (1-1a)

WORK SPACE NEAR SHOULDER

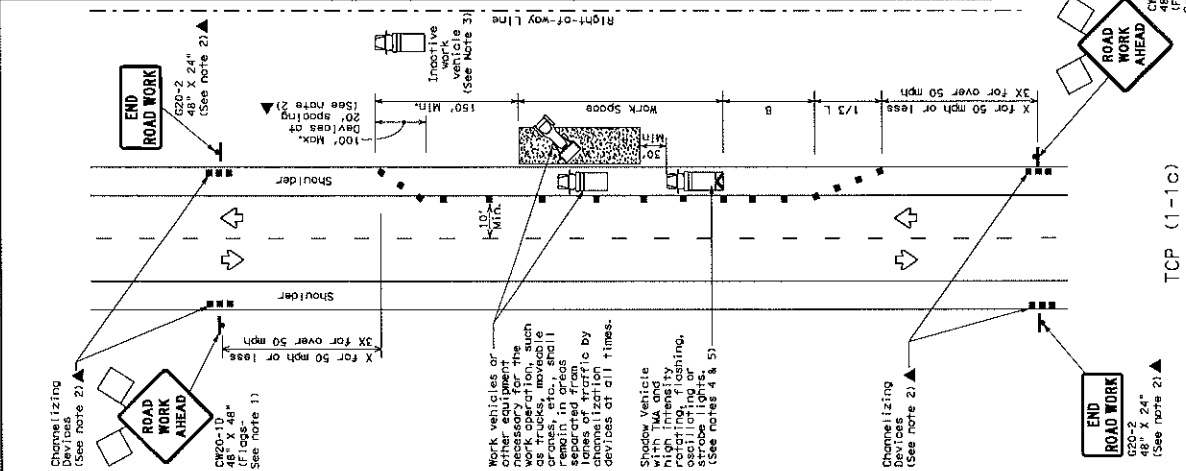
Conventional Roads



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 * mph	Formula	Minimum Taper Lengths ** ft	Minimum Spacing of Channelizing Devices *** ft	Minimum Sign Spacing ft	Minimum Buffer Space ft	Supplied Length ft	
		10' 11' 12'	On a Taper	On a Taper	On a Taper	On a Taper	
30	WS^2	150'	165'	180'	30'	60'	120'
35	$L = 60$	205'	225'	245'	35'	70'	160'
40		265'	295'	320'	40'	80'	240'
45		350'	395'	430'	45'	90'	320'
50		450'	505'	540'	50'	100'	400'
55		550'	605'	640'	55'	110'	500'
60	L-WS	650'	705'	740'	60'	120'	600'
65		750'	815'	850'	65'	130'	700'
70		850'	925'	960'	70'	140'	800'
75		950'	1025'	1060'	75'	150'	900'

* Conventional Roads Only
 ** Taper lengths have been rounded off.
 *** Length of Taper (FT) = W/Width of Off (FT) S-Posted Speed (MPH)

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

GENERAL NOTES

- Flags attached to signs where shown are required.
- Signs shall be placed in the work area as required, except those denoted with the triangle symbol may be omitted when started in advance in the plans, or for route maintenance work, when approved by the Engineer.
- Inactive work vehicles or other equipment should be parked near the work area and not in the travel lanes.
- A shadow vehicle with a TMA should be used anytime it can be positioned 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 devices to remain in place, the shadow vehicle and TMA should be removed.
- Additional shadow vehicles with TMA's may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
- See TMS-11 for shoulder work on divided highways, expressways and surfaces.
- "ROAD WORK AHEAD" signs may be used in place of W20-10 "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.

Texas Department of Transportation
 Traffic Operations Division

TRAFFIC CONTROL PLAN
 CONVENTIONAL ROAD
 SHOULDER WORK

TCP (1-1)-12

DATE	2-24-11	BY	1-12
REVISED	8-30-11	BY	4-30

DATE	12-10-13	BY	1-12
REVISED	1-12	BY	4-30

DATE	12-10-13	BY	1-12
REVISED	1-12	BY	4-30

9/19/2017 11:21:24 AM O:\REVIEWS\2017\RAVINDER DUGGAL\TXAS COAS\COMMERCIAL SERVICES\4811 OLD OAK DRIVE\EB5-171158.dwg



4811 OLD OAK DR
PROP 180' OF 1" IP CTS PLA SVC
WITH EFV 775
LOAD: 500 CFH AT 4 OZ
WO# 83405645

END W/ CAP
5' AFTER SVC

PROP 112' OF
2" IP PLA

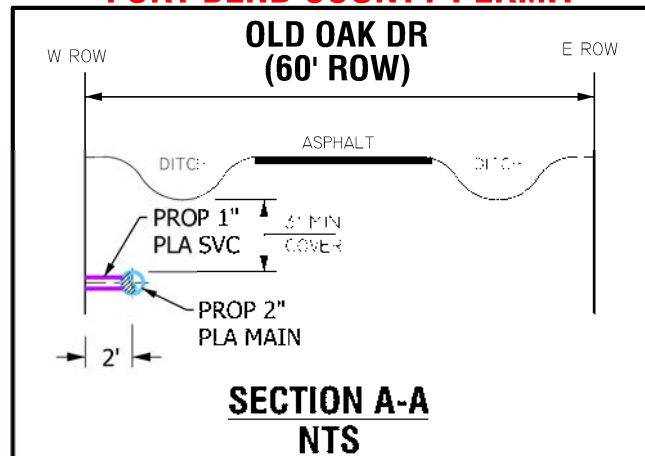
PROP 218' OF 2" IP PLA
LINDEN LN (60' ROW)

PROP SQUEEZE OFF &
TIE-IN 650'NN LINDEN LN

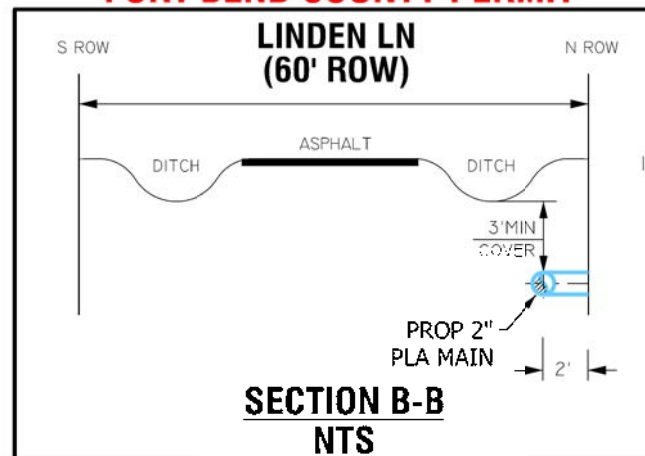
EX 2" IP PLA
ONE WAY FEED

MIMOSA LN

FORT BEND COUNTY PERMIT



FORT BEND COUNTY PERMIT



GENERAL NOTES

1. FIELD VERIFY & LOCATE ALL EXISTING FEEDS, MAINS, AND SERVICES.
2. MAINTAIN MIN. DEPTH OF 3' UNLESS OTHERWISE NOTED.
3. USE GAUGES TO MONITOR & MAINTAIN FEEDS, AND PRESSURE.
4. CONTACT ENGINEERING (RAVINDER DUGGAL 713-207-4621) WITH ANY NECESSARY FIELD CHANGES.
5. TEST PRESSURE @ 100 PSIG IN ACCORDANCE WITH SECTION CS-B-1.220 OF THE CONSTRUCTION & SERVICE MANUAL.
6. COORDINATE SERVICE LOCATION WITH IGNACIO GUERRERO JR AT 281-341-4936

GAS STAKING

JOB NO: _____ BY: _____ DATE: _____
ESMTS. DED. BY: _____ ESMT. DOCUMENTS: _____
MONUMENTATION FND.: _____ PLAT DIST. CHK.=D: _____
ESMTS. NEEDED AT: _____
NON-STD. STAKING: _____ REASON: _____

LEGEND AND NOTES

EXISTING MAIN

PROP 2" IP PLA
SDR 11.0 PE 2406/2708
WO#:83405593

PROP 5# ZINC ANODE

PERMIT:FORT BEND COUNTY

GCO#:38412

STAKING REQUEST#:83405593

NOTIFICATION/CNP ID#:1404265937

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 BAYOUT CROSSINGS AND OTHER EXTRAORDINARY SITUATIONS AND COMPLEX BORES
- INSPECTOR APPROVAL REQUIRED PRIOR TO WORK

F:30150668 | O:30120664 | KM:564-H | LAMBERT:435181 | Z:N/A | SZ:503 | TC:N/A | SOG:07601

ENGINEER: RAVINDER DUGGAL 713-207-4621

DATE: 09/14/2017

SCALE: 1"=80'

SHEET: 1 OF 1

DWG No: EB5-171158

APPROVED BY: _____ DATE: _____

FOR THE CITY OF RICHMOND, TEXAS

TO SERVE RESIDENTIAL SERVICE IN RICHMOND, TEXAS

DATE: _____

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