



**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: 2017-15516

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:

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | a. Name of road, street, and/or drainage ditch affected. |
| <input checked="" type="checkbox"/> | b. Vicinity map showing course of directions |
| <input checked="" type="checkbox"/> | c. Plans and specifications |

(2) BOND:

<input type="checkbox"/>	County Attorney, approval when applicable.		
<input checked="" type="checkbox"/>	Perpetual bond currently posted.	Bond No: [REDACTED]	Amount: \$50,000.00
<input type="checkbox"/>	Performance bond submitted.	Bond No: _____	Amount: _____
<input type="checkbox"/>	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

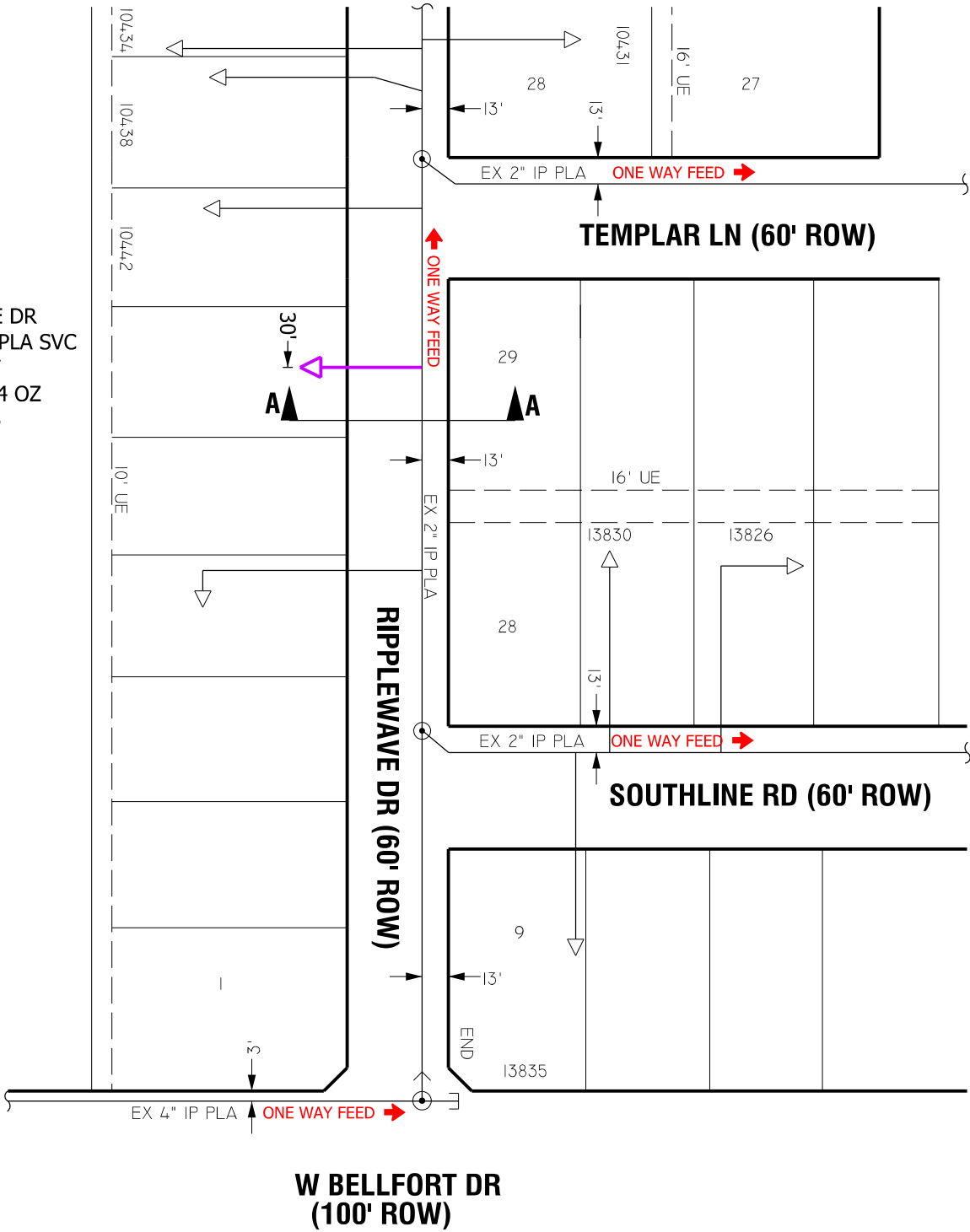
Permit Administrator

Date

8/4/2017 3:13:07 PM O:\REVENUE 2017\ANJUM PERVAIZ\CSVC & PERMITS\IX-COAST\10518 RIPPLEWAVE DR\EB517957.dgn



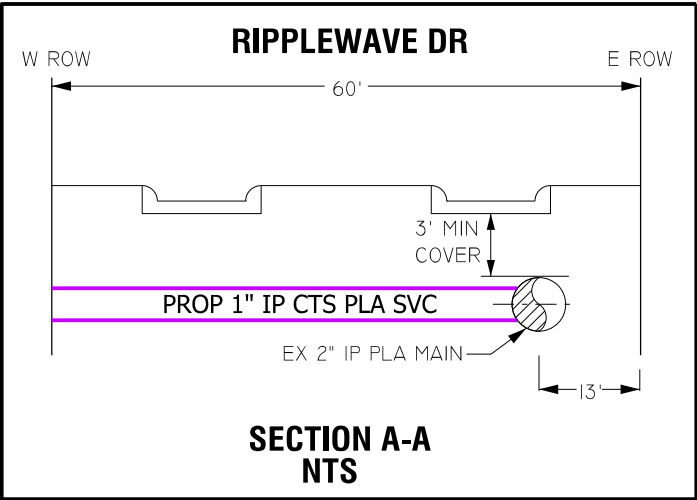
10518 RIPPLEWAVE DR
PROP 50' OF 1" IP CTS PLA SVC
WITH 1800 EFV
LOAD: 700 CFH AT 4 OZ
WO #82204026



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 & MAINTAIN FEEDS AND PRESSURE.
4. CONTACT ENGINEERING, ANJUM PERVAIZ AT 713-207-4619 WITH ANY FIELD CHANGES.
5. COORDINATE SERVICE LOCATION WITH VERONICA SPILLER 281-561-6012.
6. TEST PRESSURE @ 100 PSIG IN ACCORDANCE WITH SECTION CS-B-1.220 OF THE CONSTRUCTION & SERVICE MANUAL.

FT BEND COUNTY



LEGEND AND NOTES

EXISTING MAIN

PROP 1" IP CTS PLA SVC,
SDR 11.0 PE 2406/2708
WO#: 82204026

PERMIT: FT BEND COUNTY
NOTIFICATION#: 1404225104

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

F:30690680 | O:30600680 | KM:528-X | LAMBERT:4753D4 | Z: | SZ:092 | TC:32 | SOG:07601

DESIGNED BY: ANJUM PERVAIZ	PHONE: 713 207-4619
DATE NEEDED: 8/10/2017	ESTIMATED COST: \$
START DATE:	CONTRIBUTION: \$
ESTIMATED COMPLETE DATE:	
PURPOSE AND NECESSITY: TO SERVE REST. IN SUGAR LAND, FORT BEND COUNTY	

RECOMMENDED BY:	
APPROVED BY:	

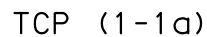
DRAWN BY:FRANCES MAREK	
DATE: 8/2/2017	
SCALE: 1:80	
SHEET: 1 OF 1	

10518 RIPPLEWAVE DR
SUGAR LAND, TX
FT BEND COUNTY

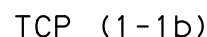
CenterPoint Energy
Texas Region - Houston Gas Engineering
DWG No: **EB5-17957**

DISCLAIMER:

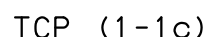
DATE: _____
FILE: _____



Conventional Roads



WORK SPACE ON SHOULDER



WORK VEHICLES ON SHOULDER

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		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	L = WS	750'	825'	900'	75'	150'	900'	540'

** 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

1. Flags attached to signs where shown are REQUIRED.
2. 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.
3. Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
4. 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.
5. Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
6. See TCP(5-1) for shoulder work on divided highways, expressways and freeways.
7. 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.



TRAFFIC CONTROL PLAN CONVENTIONAL ROAD SHOULDER WORK

TCP (1-1)-12

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