

**REVIEW BY FORT BEND COUNTY  
COMMISSIONERS COURT**

**Fort Bend County  
Engineering Department**  
301 Jackson Suite 401  
Richmond, Texas 77469  
281.633.7500  
Permits@fortbendcountytexas.gov

- Right of Way Permit
- Commercial Driveway Permit

Permit No: 2018-19838

**Applicant:** PS Light Wave, Inc

**Job Location Site:** Cinco Ranch Blvd, Sugar Land, TX 77494

**Bond No.**                      **Date of Bond:** 12/13/2016 **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 portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

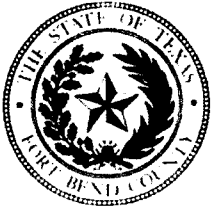
On this 1st day of May, 2018, Upon Motion of Commissioner Meyero, seconded by Commissioner Morales, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

**Signature**  
  
By: Rick J Staigle, PE, PTOE  
County Engineer

Presented to Commissioners Court and approved.  
  
Date Recorded 5-7-2018 Comm. Court No. 10C

By: N/A  
Drainage District Engineer/Manager

Clerk of Commissioners Court  
By: Joselyne Willes  
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: 2018-19838

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

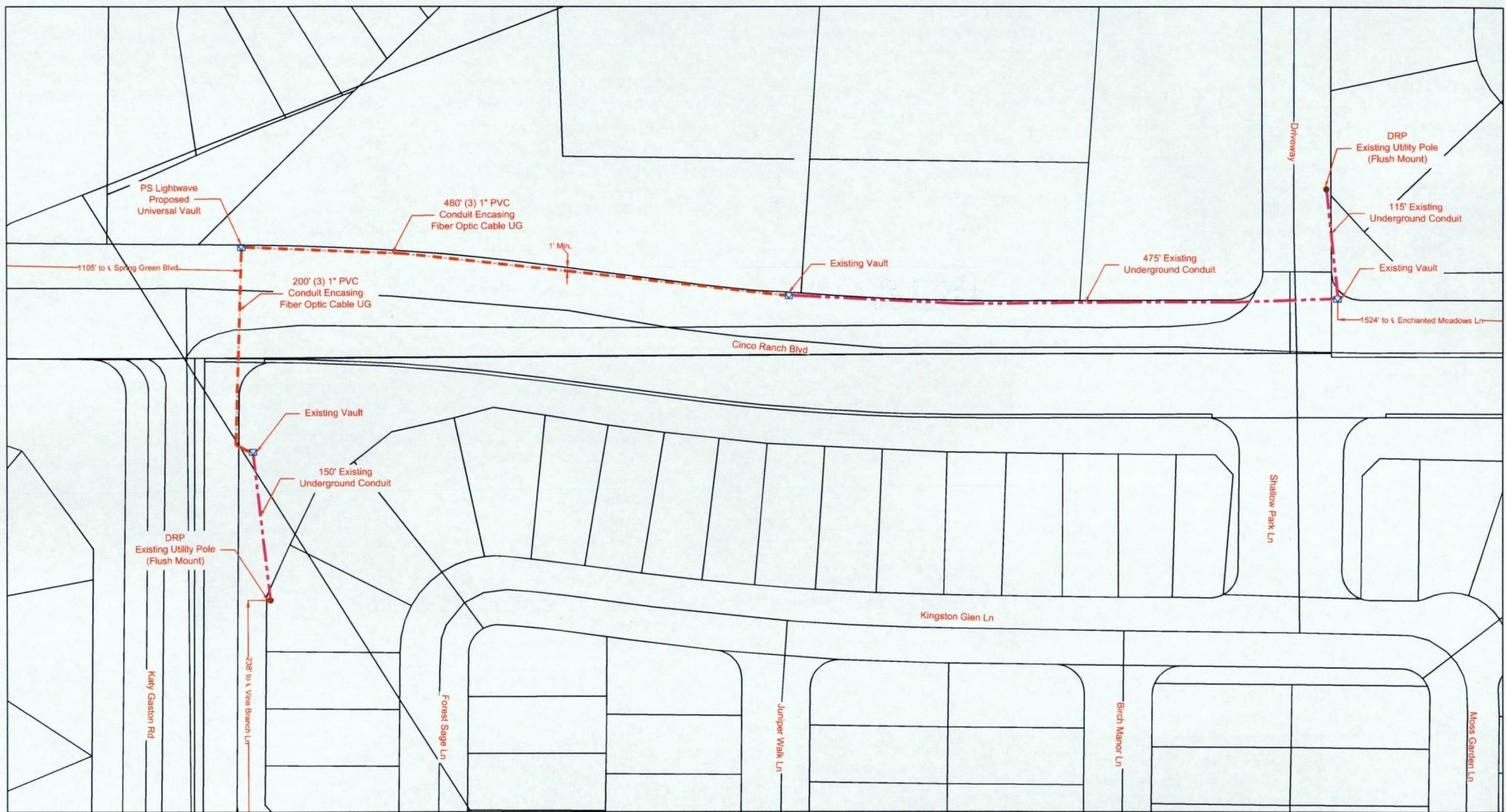
\_\_\_\_\_  
Date

We have reviewed this project and agree it meets minimum requirements.

Rick J. Staigle, PE, PTOE  
Permit Administrator

4/23/2018

Date

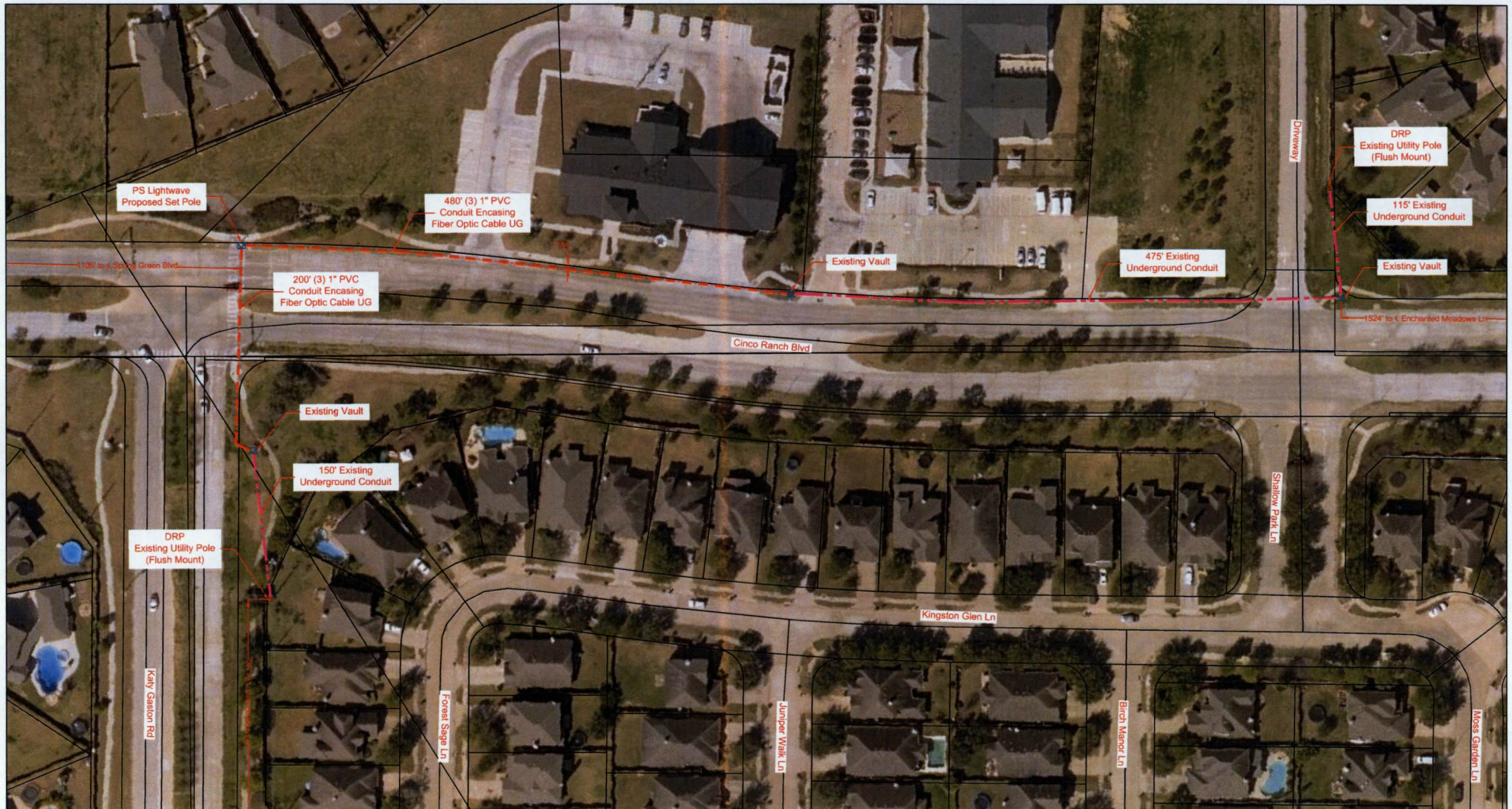


LEGEND			
UG	3(1") HDPE W/ F.O. CABLE	Proposed Conduit	PSLW SET POLE
UG	3(1.25") HDPE W/ F.O. CABLE	Existing Conduit	EXISTING SET POLE
UG	1(2") HDPE W/ F.O. CABLE	EMT	EXISTING UTILITY POLE
UG	1(4") HDPE W/ 3(1.25") HDPE	R/W	PROPOSED PSLW VAULT (24"x36"x24")
---	FLEX INNERDUCT	EOP	EXISTING VAULT
AIR	AERIAL FIBER OPTIC CABLE	FENCE	PULLBOX
CAT5	CAT5 CABLE	RACK LOCATION	MDF LOCATION

**PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE**

SCALE: 1"=80'	REVISION#1: Rev#1	DATE: Rev#1 Date
PAGE: 1	REVISION#2: Rev#2	DATE: Rev#2 Date
OF: 3	REVISION#3: Rev#3	DATE: Rev#3 Date
	REVISION#4: Rev#4	DATE: Rev#4 Date

CUSTOMER ID: JOB# 10502-7811	
CUSTOMER: Notice Of Proposed Utility Installation	
ADDRESS: Cinco Ranch Blvd	
CITY/ZIP: Katy TX 77494	COUNTY: Fort Bend
TENANTS:	# OF FLOORS:
WO# 101910	JOB#: 10502-7811
APPROVED BY:	DATE: 03/21/2018



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

SCALE: 1"=80'

PAGE: 2

OF: 3

PROPRIETARY INFORMATION - PROPERTY OF PSLW LIGHTWAVE

REVISION#1: Rev#1	DATE: Rev#1 Date
REVISION#2: Rev#2	DATE: Rev#2 Date
REVISION#3: Rev#3	DATE: Rev#3 Date
REVISION#4: Rev#4	DATE: Rev#4 Date

CUSTOMER ID: JOB# 10502-7811

CUSTOMER: Notice Of Proposed Utility Installation

ADDRESS: Cinco Ranch Blvd

CITY/ZIP: Katy TX 77494

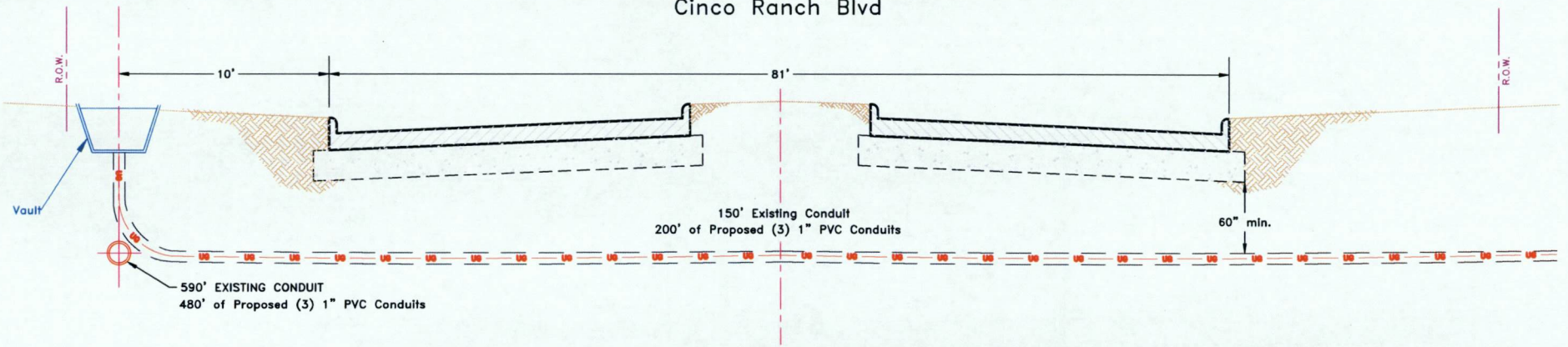
COUNTY: Fort Bend

TENANTS:	# OF FLOORS:	DWG#:	KEY MAP: 524 C
WO#: 101910	JOB#: 10502-7811	DRAWN BY: PJE	DATE: 03/21/2018
APPROVED BY:		DATE:	

**General Notes:**

- 1) Surface to be restored to its original condition in compliance with City of 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.

**Cinco Ranch Blvd**



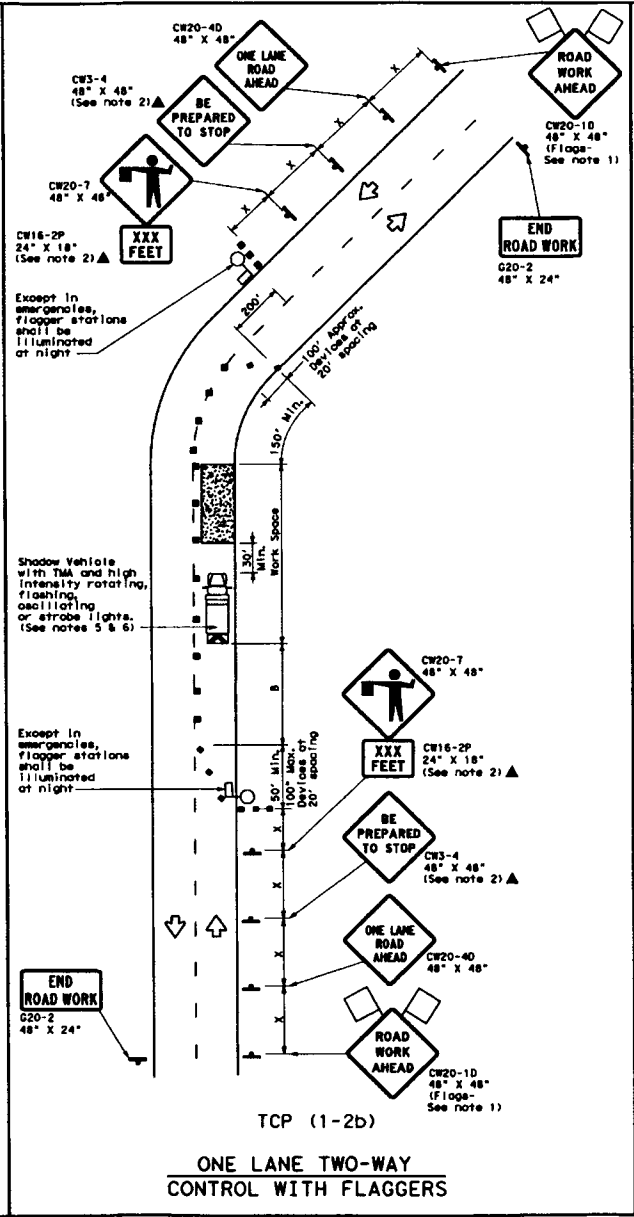
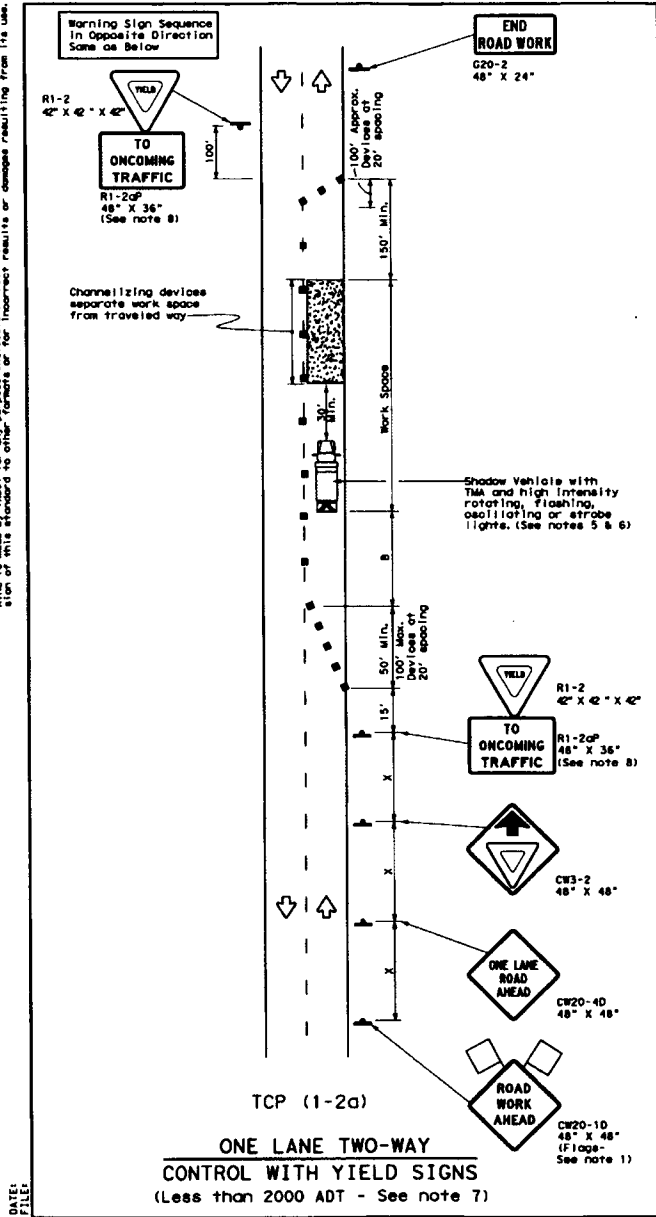
**LEGEND**

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

		Job# 10502-7811	
		Description: Notice Of Proposed Utility Installation	
PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE		ADDRESS: Cinco Ranch Blvd	
REVISION#1: Rev#1	DATE: Rev#1 Date	CITY/ZIP: Katy TX 77494	COUNTY: Fort Bend
REVISION#2: Rev#2	DATE: Rev#2 Date	TENANTS:	# OF FLOORS:
REVISION#3: Rev#3	DATE: Rev#3 Date	WC#: 101910	JOB#: 10502-7811
REVISION#4: Rev#4	DATE: Rev#4 Date	APPROVED BY:	DATE: 03/21/2018
SCALE: N.T.S.	PAGE: 3	OF: 3	KEY MAP: 524 C



DISCLAIMER: The use of this standard is governed by the Texas Engineering Practice Act. The user of any portion of this standard is responsible for determining the applicability of any portion of this standard to their project. The user of this standard is responsible for determining the applicability of any portion of this standard to their project.



**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 Desirable Taper Lengths ft		Suggested Maximum Spacing of Channelizing Devices ft		Minimum Sign Spacing ft - Distance	Suggested Longitudinal Buffer Spaces ft - "B"	Stopping Sight Distance
		10'	11'	On a Tangent	On a Curve			
30	L = WS <sup>2</sup> 60	150'	165'	30'	60'	120'	90'	200'
35		205'	225'	35'	70'	160'	120'	250'
40		265'	295'	40'	80'	240'	155'	305'
45	L = WS <sup>2</sup>	450'	495'	45'	90'	320'	195'	360'
50		500'	550'	50'	100'	400'	240'	425'
55		550'	605'	55'	110'	500'	295'	495'
60		600'	660'	60'	120'	600'	350'	570'
65		650'	715'	65'	130'	700'	410'	645'
70	700'	770'	70'	140'	800'	475'	730'	
75	750'	825'	75'	150'	900'	540'	820'	

\* Conventional Roads Only  
 \*\* Taper lengths have been rounded off.  
 L=Length of Taper (ft) W=Width of Offsets (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.
  - The CW3-4 "BE PREPARED TO STOP" sign may be installed after the CW20-40 "ONE LANE ROAD AHEAD" sign, but proper sign spacing shall be maintained.
  - Sign spacing may be increased or an additional CW20-10 "ROAD WORK AHEAD" sign may be used if advance warning ahead of the flagger or R1-2 "YIELD" sign is less than 1500 feet.
  - A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of area 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 TMA may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
- TCP (1-2a)**
- R1-2 "YIELD" sign traffic control may be used on projects with approaches that have adequate sight distance. For projects in urban areas, work spaces should be no longer than one half city block. In rural areas on roadways with less than 2000 ADT, work spaces should be no longer than 400 feet.
  - R1-2 "YIELD" sign with R1-2aP "TO ONCOMING TRAFFIC" plaque shall be placed on a support of a 7 foot minimum mounting height.
- TCP (1-2b)**
- Flaggers should use two-way radios or other methods of communication to control traffic.
  - Length of work space should be based on the ability of flaggers to communicate.
  - If the work space is located near a horizontal or vertical curve, the buffer distances should be increased in order to maintain adequate stopping sight distance to the flagger and a queue of stopped vehicles (see table above).
  - Channelizing devices on the center-line may be omitted when a pilot car is leading traffic and approved by the Engineer.
  - Flaggers should use 24" STOP/SLOW paddles to control traffic. Flags should be limited to emergency situations.

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**  
**ONE-LANE TWO-WAY**  
**TRAFFIC CONTROL**

TCP (1-2) - 12

REVISED	DATE	BY	JOB	DATE
4-90	1-12			
2-94				
1-97				
4-98				

152