



**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: 2017-12018

Applicant: PS Light Wave, Inc

Job Location Site: Bellaire Boulevard, Richmond, TX 77407

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 28th day of February, 2017, Upon Motion of Commissioner MORales, seconded by Commissioner Patterson, 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

Presented to Commissioners Court and approved.

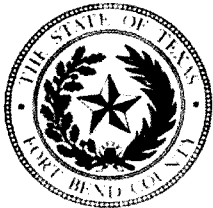
By: Charles O. Ay
for County Engineer

Date Recorded 3-9-17 Comm. Court No. 146

N/A
By: _____
Drainage District Engineer/Manager

Clerk of Commissioners Court

By: Amber Wilkes
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
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Permit No: 2017-12018

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

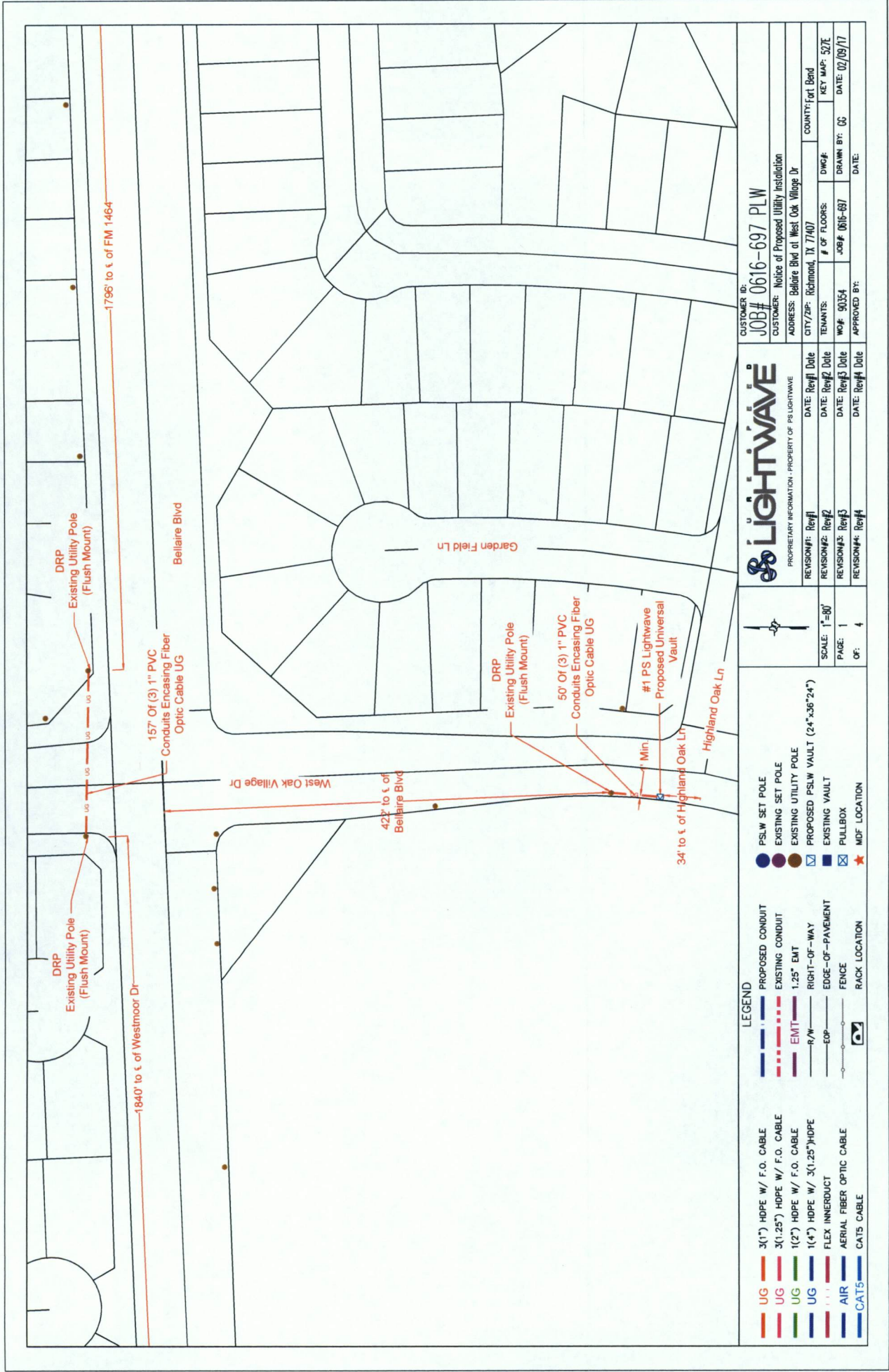
We have reviewed this project and agree it meets minimum requirements.

Charles O. Al

Permit Administrator

2/21/17

Date



CUSTOMER ID:		JOB# 0616-697 PLW	
CUSTOMER:		Notice of Proposed Utility Installation	
ADDRESS:		Bellaire Blvd at West Oak Village Dr	
CITY/ZIP:	Richmond, TX 77407	COUNTY:	Fort Bend
TENANTS:		DWG#:	
WOF#:	90354	JOB#:	0616-697
APPROVED BY:		DRAWN BY:	GC
		DATE:	02/09/17

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

SCALE: 1"=60'

PAGE: 1

OF: 4

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



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	EDGE-OF-PAVEMENT	EXISTING VAULT
AIR	AERIAL FIBER OPTIC CABLE	FENCE	PULLBOX
CAT5	CAT5 CABLE	RACK LOCATION	MDF LOCATION

Lightwave
PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE

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

SCALE: 1"=80'
 PAGE: 2
 OF: 4

CUSTOMER ID: JOB# 0616-697 PLW

CUSTOMER: Notice of Proposed Utility Installation

ADDRESS: Bellaire Blvd at West Oak Village Dr

CITY/ZIP: Richmond, TX 77407

TENANTS: DMC#

WOF: 90354

APPROVED BY:

COUNTY: Fort Bend

DWG#:

OF FLOORS:

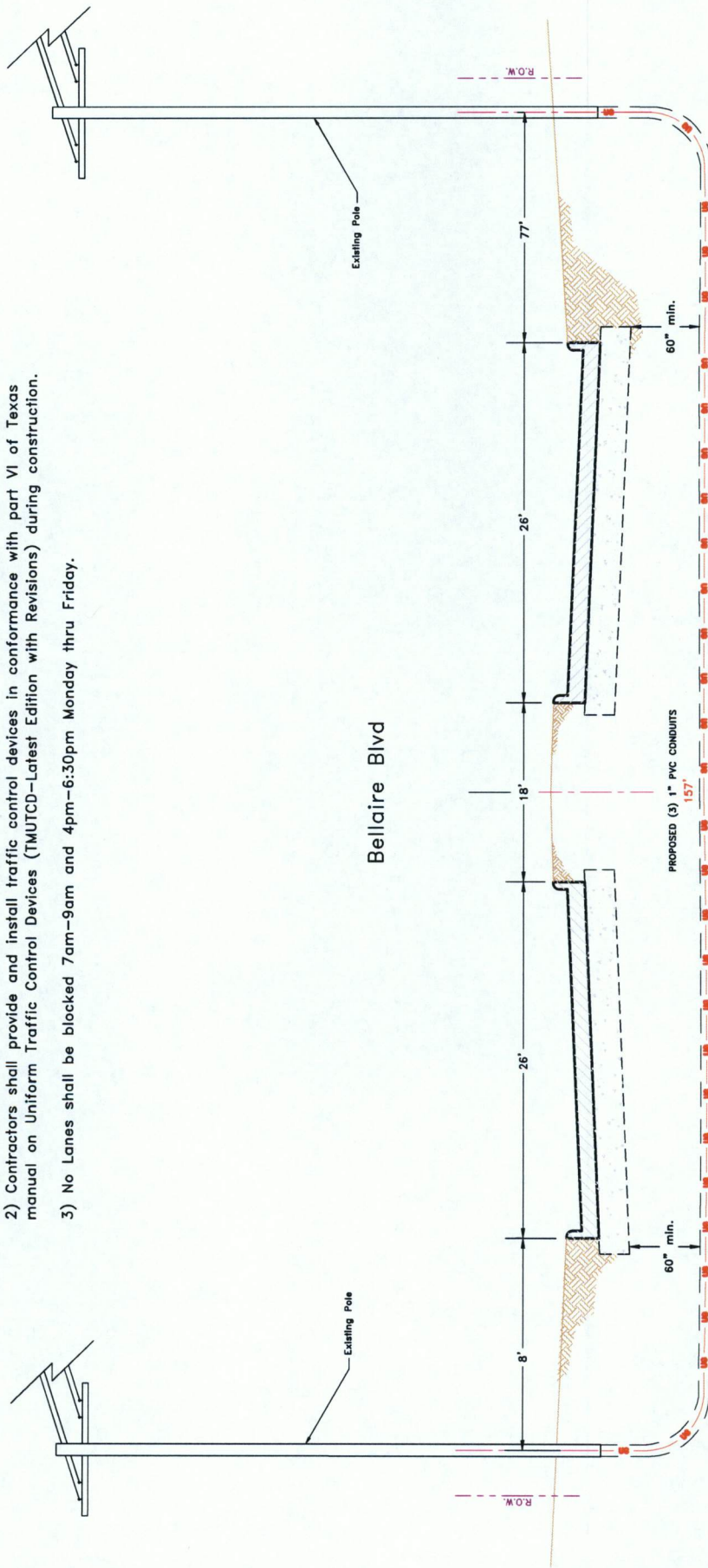
JOB#: 0616-697

DRAWN BY: GC

DATE: 02/09/17

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.



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

SCALE: N.T.S.		DATE: Rev#1		DATE: Rev#2		DATE: Rev#3		DATE: Rev#4	
PAGE: 3	OF: 4	REVISION#1: Rev#1	REVISION#2: Rev#2	REVISION#3: Rev#3	REVISION#4: Rev#4	REVISION#5: Rev#5	REVISION#6: Rev#6	REVISION#7: Rev#7	REVISION#8: Rev#8

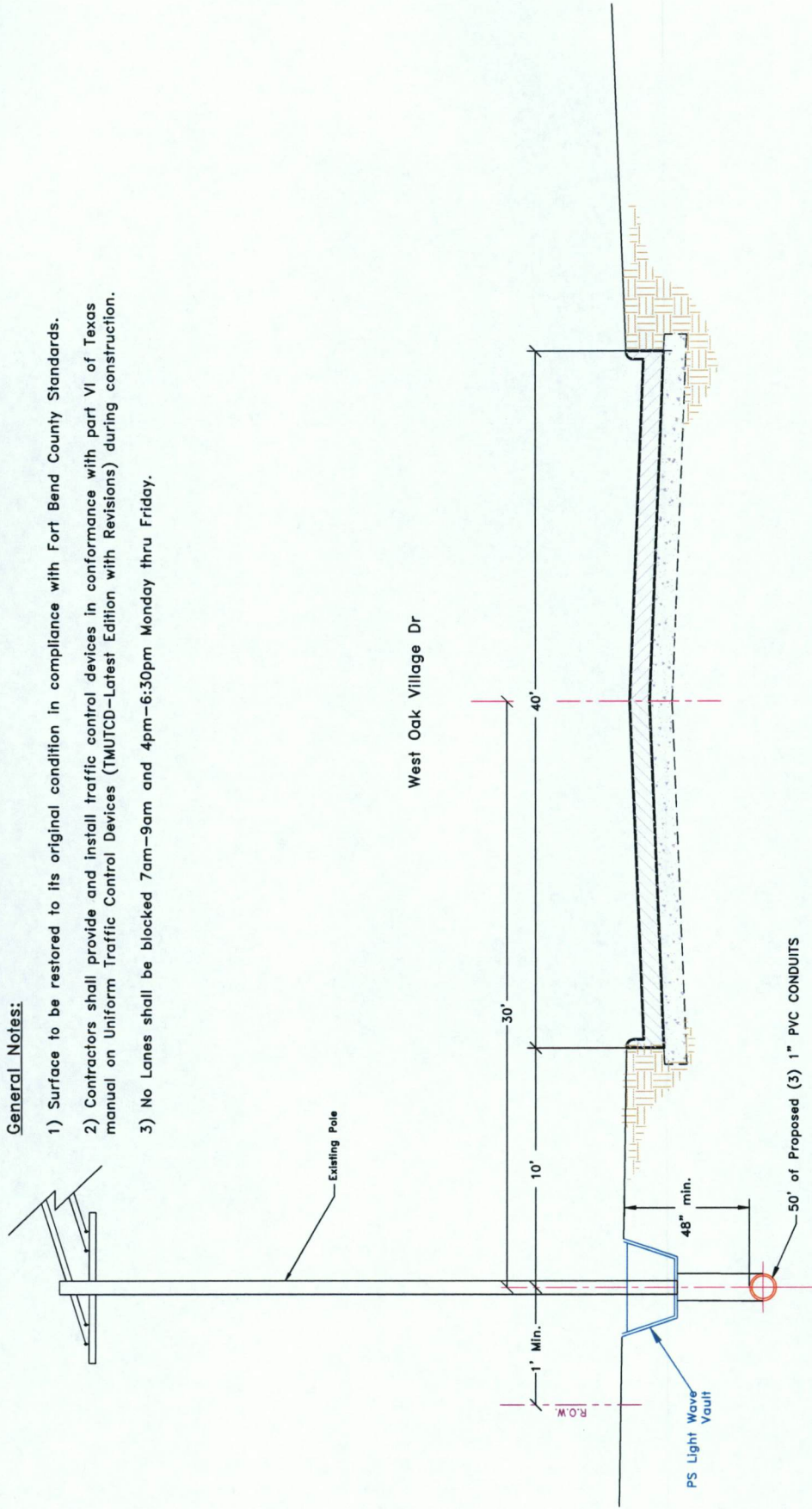
PROPRIETARY INFORMATION - PROPERTY OF PLIGHTWAVE		DATE: Rev#1		DATE: Rev#2		DATE: Rev#3		DATE: Rev#4	
PLIGHTWAVE		DATE: Rev#1		DATE: Rev#2		DATE: Rev#3		DATE: Rev#4	

PLIGHTWAVE		DATE: Rev#1		DATE: Rev#2		DATE: Rev#3		DATE: Rev#4	
PLIGHTWAVE		DATE: Rev#1		DATE: Rev#2		DATE: Rev#3		DATE: Rev#4	

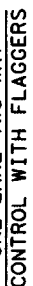
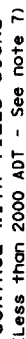
PLIGHTWAVE		DATE: Rev#1		DATE: Rev#2		DATE: Rev#3		DATE: Rev#4	
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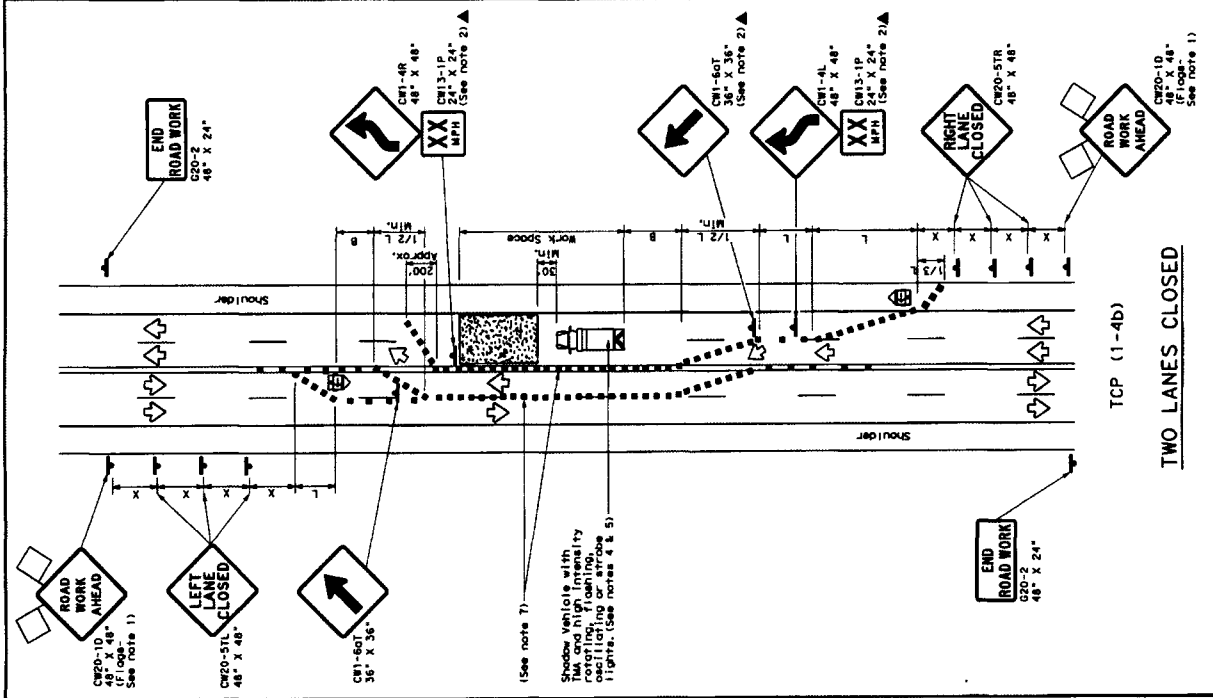
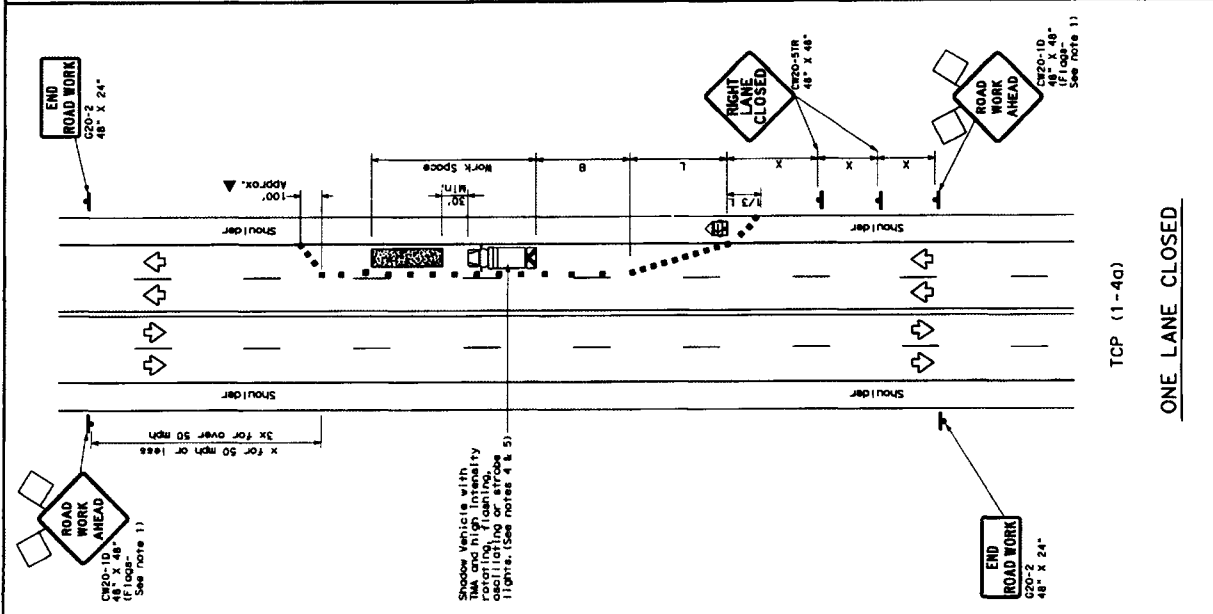


LEGEND		PSLW SET POLE	
UG	3(1") HDPE W/ F.O. CABLE	●	EXISTING SET POLE
UG	3(1.25") HDPE W/ F.O. CABLE	●	EXISTING UTILITY POLE
UG	1(2") HDPE W/ F.O. CABLE	●	PROPOSED PSLW VAULT (24"x36"x24")
UG	1(4") HDPE W/ 3(1.25") HDPE	■	EXISTING VAULT
...	FLEX INNERDUCT	■	PULLBOX
AIR	AERIAL FIBER OPTIC CABLE	■	MDF LOCATION
CAT5	CAT5 CABLE	★	



13. Floppers should use 24" STOP/SLOW paddles to control traffic. Flops should be limited to emergency situations.

TXDOT	December 1985	SW TADOT	CLL TADOT	SW TADOT	CLL TADOT
4-90	1-12				
2-94					
1-97					
4-98					



LEGEND

Type	Symbol	Description
Channelizing Devices	■	Channelizing Devices
Truck Mounted Attenuation (TMA)	⬮	Truck Mounted Attenuation (TMA)
Portable Changeable Message Sign (PCMS)	⬮	Portable Changeable Message Sign (PCMS)
Flashing Arrow Board	⬮	Flashing Arrow Board
Sign	⬮	Sign
Flag	⬮	Flag

Postered Speed (MPH)	Formula	Minimum Taper Length (ft)	Suggested Maximum Spacing of Channelizing (ft)	Minimum Spacing (ft)	Suggested Longitudinal Buffer Space (ft)
30	WS ²	150'	165'	180'	90'
35	L ²	205'	225'	245'	120'
40	WS ²	265'	295'	320'	155'
45	L ²	330'	365'	390'	195'
50	WS ²	400'	440'	470'	240'
55	L ²	475'	515'	545'	295'
60	WS ²	560'	600'	630'	350'
65	L ²	650'	695'	725'	410'
70	WS ²	750'	795'	825'	475'
75	L ²	860'	900'	930'	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

- Flare 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 stored elsewhere in the plan.
- The C20-10 "ROAD WORK AHEAD" sign shall be used when the visibility of the work zone 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 work exposure without adversely affecting the performance capability of the work zone. The Shadow Vehicle shall be positioned in the work zone in the direction of travel of the traffic to be controlled. The Shadow Vehicle shall be positioned in the work zone in the direction of travel of the traffic to be controlled. The Shadow Vehicle shall be positioned in the work zone in the direction of travel of the traffic to be controlled.
- Additional Shadow Vehicles with TMA may be positioned off the paved surface, next to those shown in order to protect wider work spaces.

TCP (1-4a)

- If this TCP is used for a left lane closure, C20-51L "LEFT LANE CLOSED" signs shall be used and channelizing devices shall be placed on the centerline where needed to protect the work space from opposing traffic with the arrow panel placed in the closed lane near the end of the taper.

TCP (1-4b)

- Where traffic is directed over a yellow centerline, channelizing devices separating two-way traffic should be placed on the centerline at 20' or 1/2 S where S is the speed in mph. This higher device spacing is intended for the area of conflicting markings, not the entire work zone.

For construction or maintenance operations, the following specifications shall be used for the project. The project shall be in accordance with the project specifications for the project. The project shall be in accordance with the project specifications for the project. The project shall be in accordance with the project specifications for the project.

Texas Department of Transportation
Traffic Operations Division

TRAFFIC CONTROL PLAN
LANE CLOSURES ON MULTILANE CONVENTIONAL ROADS

TCP (1-4) - 12

Rev	Date	Description	By	Check
1-12	12/01/2001	Initial	12/01/2001	12/01/2001