



**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: 2017-14701

Applicant: PS Light Wave, Inc

Job Location Site: Hwy 99, Sugar Land, TX 77498

Bond No. 1010000 **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 18th day of July, 2017, Upon Motion of Commissioner Meyer, 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

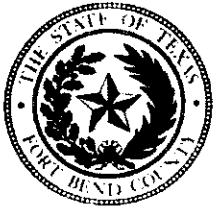
Presented to Commissioners Court and approved.

By: Charles O. Ay
for County Engineer

Date Recorded 7-21-2017 Comm. Court No. 95

N/A
By: _____
Drainage District Engineer/Manager

Clerk of Commissioners Court
By: Ronda 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: 2017-14701

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

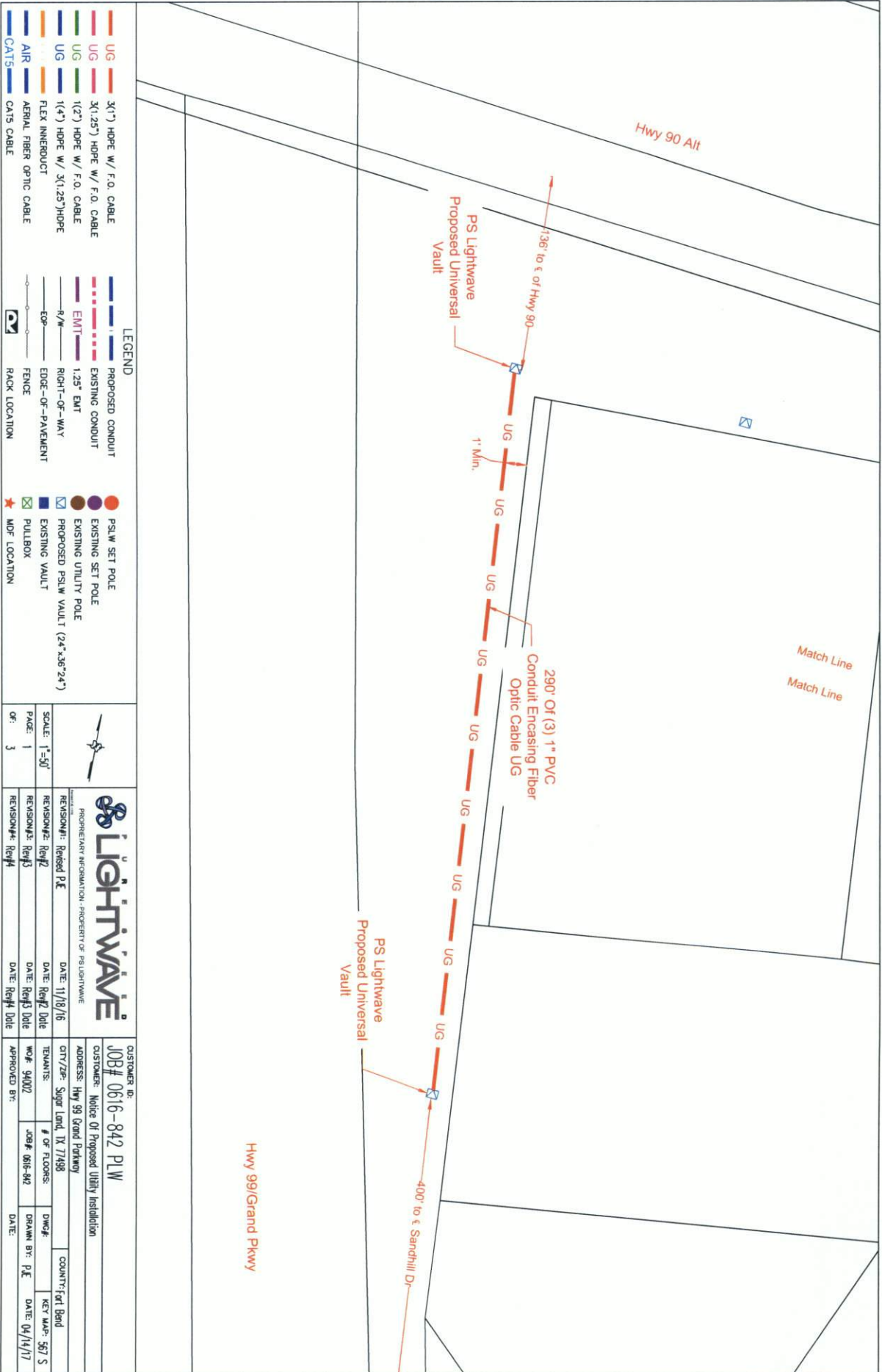
Date

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

Charly O. Ay

Permit Administrator

7/10/17
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	---	1.25" 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-WAY	□	EXISTING VAULT
---	AIR	---	EDGE-OF-PAVEMENT	□	PULLBOX
---	AERIAL FIBER OPTIC CABLE	---	FENCE	★	MDF LOCATION
CATS	CATS CABLE	---	RACK LOCATION		

SCALE: 1"=50'

PAGE: 1

OF: 3

PS LIGHTWAVE

PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE

REVISION#1: Revised P.E.	DATE: 11/16/16
REVISION#2: Ref#2	DATE: Ref#2 Date
REVISION#3: Ref#3	DATE: Ref#3 Date
REVISION#4: Ref#4	DATE: Ref#4 Date

CUSTOMER ID: JOB# 0616-842 PLW

CUSTOMER: Notice Of Proposed Utility Installation

ADDRESS: Hwy 99 Grand Parkway

CITY/ZIP: Sugar Land, TX 77498

WOF# 94002

APPROVED BY: DATE:

TENANTS:

OF FLOORS:

DWG#

KEY MAP: 567 S

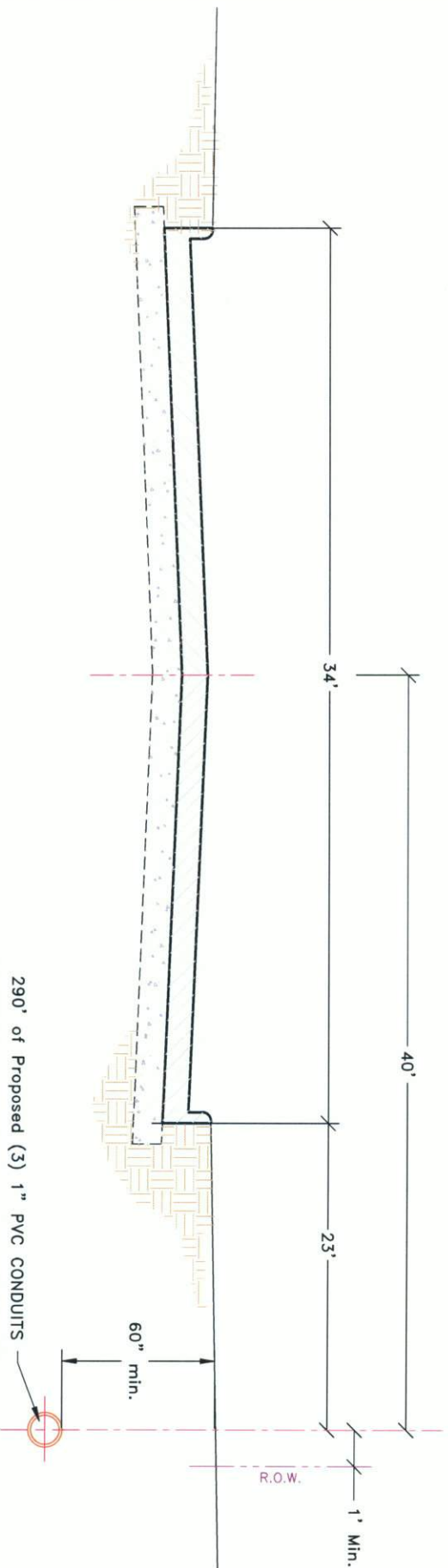
DATE: 04/14/17

COUNTY: Fort Bend

General Notes:

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

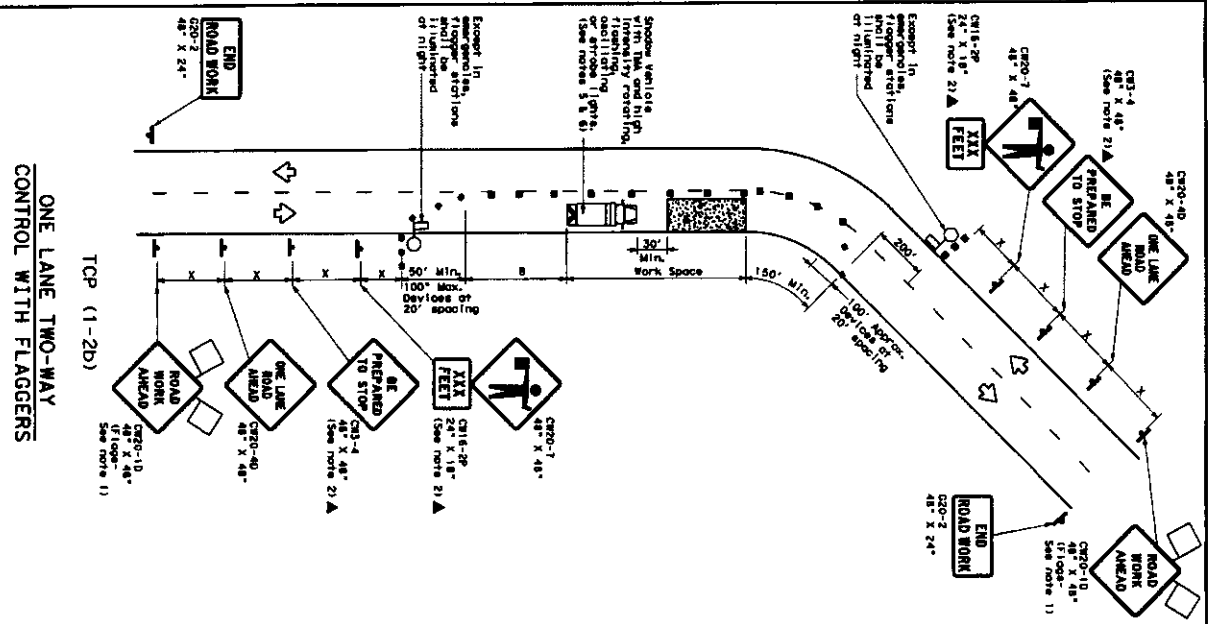
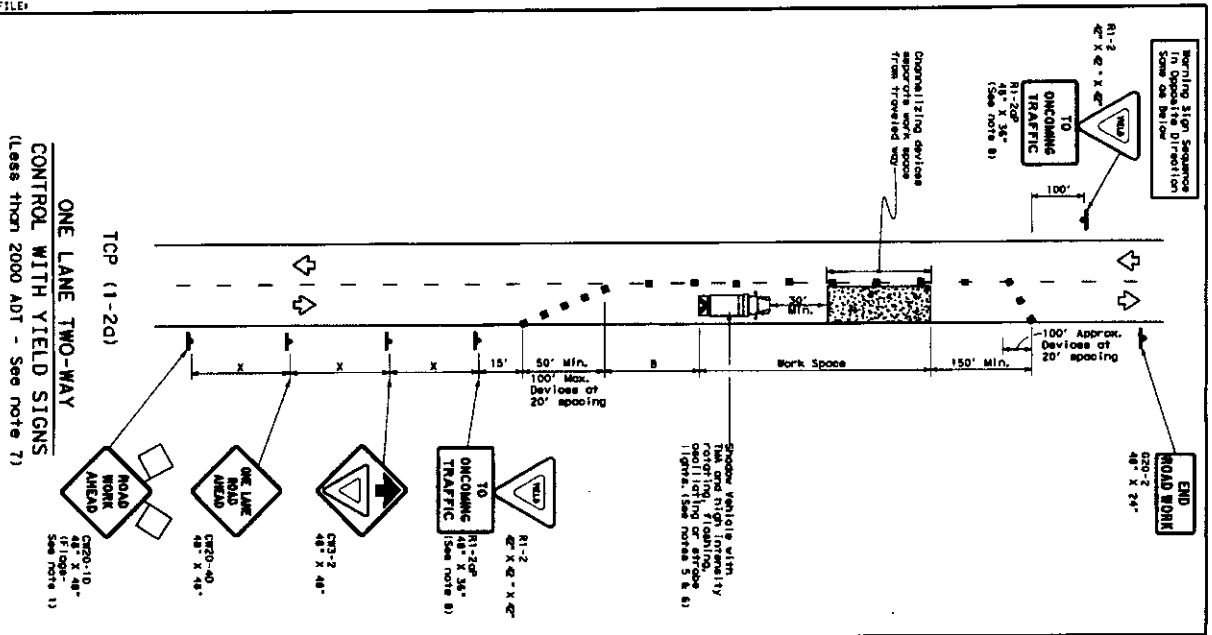
Hwy 99/Grand Pkwy Feeder Rd



290' of Proposed (3) 1" PVC CONDUITS

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

SCALE: N.T.S.	REVISION#1: Rev1	DATE: Rev1 Date	Job# 0616-842 PLW
PAGE: 3	REVISION#2: Rev2	DATE: Rev2 Date	Description: Notice of Proposed Utility Installation
OF: 3	REVISION#3: Rev3	DATE: Rev3 Date	Address: Hwy 99 Grand Pkwy
	REVISION#4: Rev4	DATE: Rev4 Date	CITY/ZIP: Sugar Land, TX 77488
			TENANTS: # of FLOORS: DWG#
			NO# 94002 JOB# 0616-842 DRAWN BY: P.E. DATE: 04/14/17
			APPROVED BY: DATE:



LEGEND	
	Type 3 Berlocks
	Heavy work vehicle
	Trailer mounted flashing arrow board
	Stop
	Flag
	Traffic light
	Truck-mounted attenuator (TMA)
	Portable compressed message sign (PCMS)
	Traffic flow
	Flag

Sample Number	Formula	Base Catalysis	Temperature (°C)	Time (hr)	Yield (%)	Viscosity (cP)	Reduced Viscosity	Inherent Viscosity (dL/g)	Shrinkage (%)
30	$\text{C}_{10}\text{H}_{16}\text{O}_2$	1.2	60	120	120	1.20	1.20	1.20	25.0
35	$\text{C}_{10}\text{H}_{16}\text{O}_2$	2.0	70	160	180	1.30	1.30	1.30	25.0
40	$\text{C}_{10}\text{H}_{16}\text{O}_2$	2.5	80	240	240	1.55	1.55	1.55	30.5
45	$\text{C}_{10}\text{H}_{16}\text{O}_2$	3.0	90	360	320	1.85	1.85	1.85	35.0
50	$\text{C}_{10}\text{H}_{16}\text{O}_2$	4.0	100	480	400	2.40	2.40	2.40	42.5
55	$\text{C}_{10}\text{H}_{16}\text{O}_2$	5.0	110	500	400	2.95	2.95	2.95	49.5
60	$\text{C}_{10}\text{H}_{16}\text{O}_2$	6.0	120	600	350	3.50	3.50	3.50	57.0
65	$\text{C}_{10}\text{H}_{16}\text{O}_2$	7.0	130	700	410	4.15	4.15	4.15	64.5
70	$\text{C}_{10}\text{H}_{16}\text{O}_2$	8.0	140	800	475	4.75	4.75	4.75	72.0
75	$\text{C}_{10}\text{H}_{16}\text{O}_2$	9.0	150	900	540	5.40	5.40	5.40	82.0

***Taper lengths have been rounded off.
L=Length of Taper (FT) W=Width of Offset (FT) S=Posted Speed (MPH)

GENERAL NOTES

1. Flaps connected to a sign where shown are REQUIRED, except those connected with the sign "NO PARKING" and "NO STOPPING".
2. All traffic control devices illustrated are REQUIRED, except those connected with the maintenance work, when approved by the Engineer-in-Charge in the plan, or for Roadblock signs, but proper sign depicting this is sufficient.
3. The sign "ROAD AHEAD" is not required.
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ICP (1-2g)

7. R1-2 "IELD" 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 ft, work spaces should be no longer than 400 feet.
8. R1-2 "IELD" sign with "No Lane" or "No Lane" plaque shall be placed on a support of 6 feet minimum mounting height.

TCP (1-2b)

9. Flaggers should use two-way radios or other methods of communication to control traffic.
10. Length of work space should be based on the ability of flaggers to communicate.
11. The work space should be located near a short-radius or vertical curve; the buffer distances between the flaggers and the work zone should be increased as the radius of the curve decreases and the grade of stopped vehicles (less than three degrees).
12. Channelizing devices on the shoulder/lane may be omitted when a pilot car is leading traffic and approved by the Engineer.
13. Flaggers should use 34" STOP/SLOW paddles to control traffic. Flags should be limited to emergency situations.

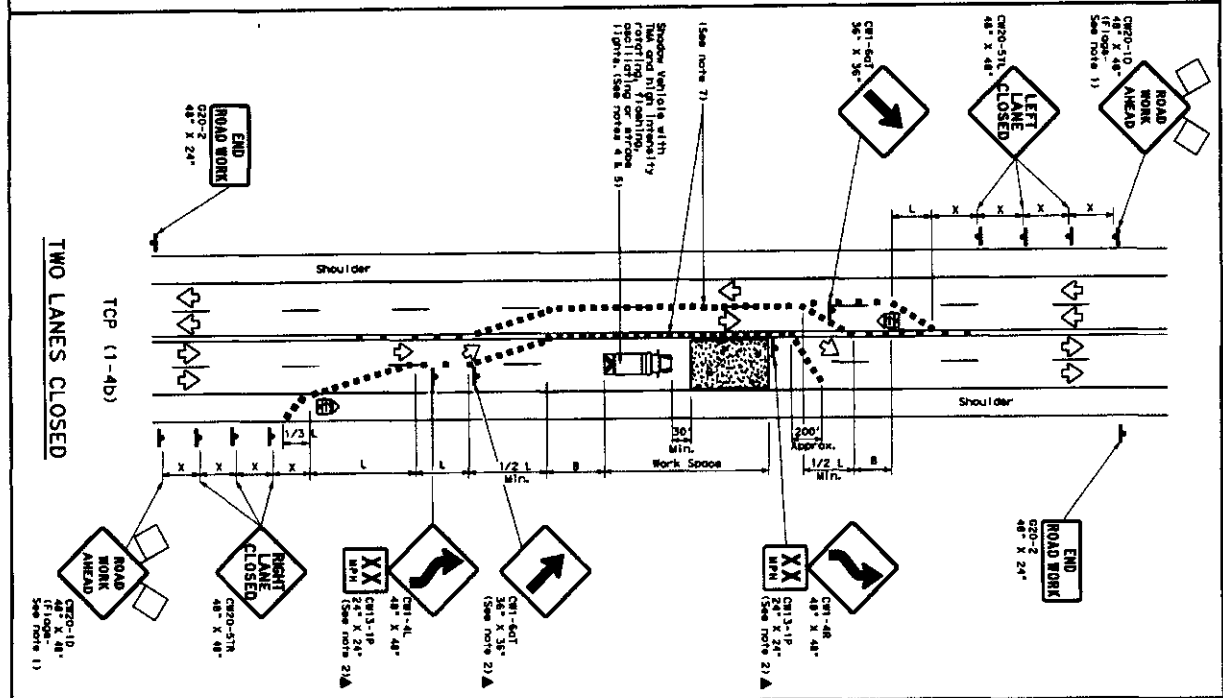
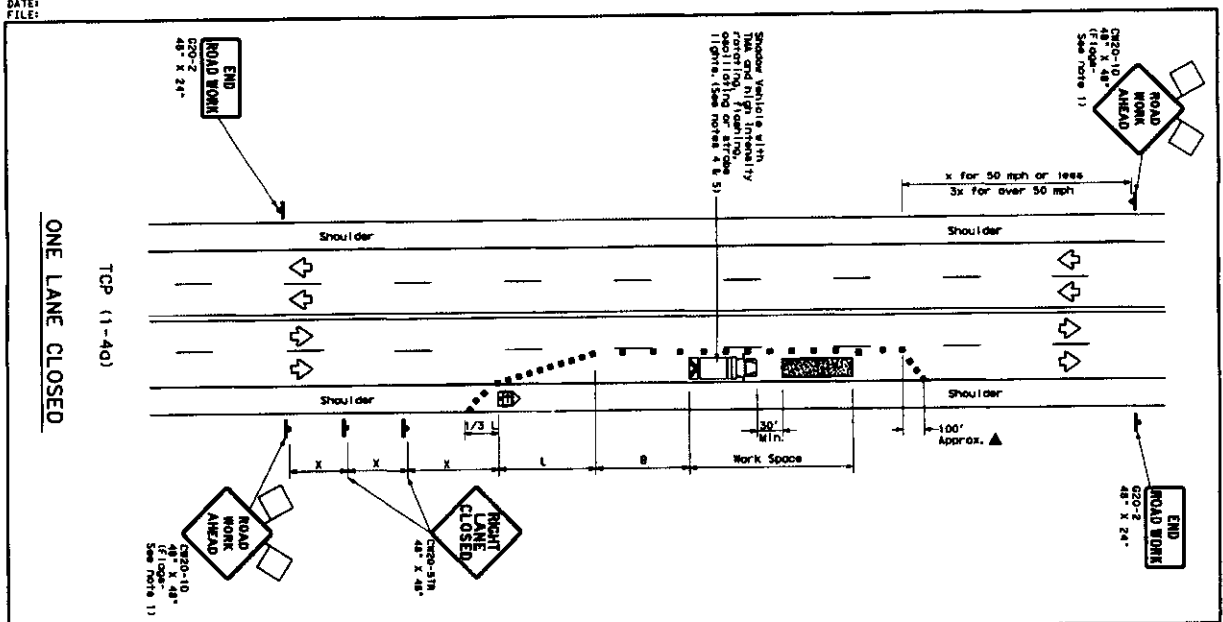
For construction or maintenance contract work, specific project requirements for shadow vehicles can be found in the project GENERAL NOTES for Item 502, Barricades, Signs and Traffic Handling.

Texas Department of Transportation
Traffic Operations Division
TRAFFIC CONTROL PLAN
ONE-LANE TWO-WAY
TRAFFIC CONTROL
TCP (1-2) -1

[illegible]

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 application of this standard to other forms or for incorrect results or damages resulting from its use.

DATE:
FILE:



LEGEND

Symbol	Description
	Type 3 Barricade
	Heavy Work Vehicle
	Trailer Mounted Attenuator (TMA)
	Portable Changeable Message Sign (PCMS)
	Traffic Flow

GENERAL NOTES

1. Plans prepared to show where signs are required.
2. All traffic control devices illustrated are REQUIRED, except those denoted as "OPTIONAL".
3. The C80-10 "ROAD WORK AHEAD" sign may be repeated if the visibility of the work zone is less than 1500 feet.
4. A station vehicle with a TMA should be used to provide a visual barrier to the work zone. It should be used to provide a visual barrier to the work zone. It should be used to provide a visual barrier to the work zone.
5. The C80-10 "ROAD WORK AHEAD" sign may be repeated if the visibility of the work zone is less than 1500 feet.
6. If this TCP is used for a left lane closure, C80-51L "LEFT LANE CLOSED" signs should be placed in the closed lane from the end of the merging taper.
7. When traffic is directed over a yellow centerline, channelizing devices which separate two-way traffic should be placed on the right of the work zone at 30' or 15' intervals. This taper device spacing is intended for the urban or congested work zone, not the rural work zone.

TYPICAL USAGE

MOBILE	SHORT DURATION	INTERMEDIATE DURATION	LONG TERM
1	2	3	4

TRAFFIC CONTROL PLAN

LANE CLOSURES ON MULTILANE CONVENTIONAL ROADS

TCP (1-4) - 12

For construction or maintenance work, the project engineer should specify the type of traffic control plan to be used. The project engineer should specify the type of traffic control plan to be used. The project engineer should specify the type of traffic control plan to be used.