

**PERMIT TO CONSTRUCT UTILITY
IN WALLER COUNTY RIGHT-OF-WAY**

ROAD: **Jordan Ranch Blvd**

DATE: **03/06/2024**

To: PS Lightwave Inc.
Patricia Eilenfeldt
5959 Corporate Dr., Ste. 3300
Houston, TX 77036
Permit # 24.UP.008

The location on the right-of-way of your proposed buried line as shown by the accompanying notice dated **02/14/2024** is approved.

Your attention is directed to Art. 1436A (for power lines) and Art. 1416 (for communication lines) Vernon's Annotated Texas Civil Statutes with particular attention to the following provisions:

1. The Court Commission may designate the place along the right-of-way where such lines shall be constructed.
2. Emplacement of buried lines shall be a minimum of 36 inches below the flow line of the existing ditch. For installations parallel to the right-of-way, the utility shall be located within three (3) feet of the edge of the right-of-way, unless otherwise approved by the County.
3. All placement of lines beneath roadways and asphalt or concrete paved driveways shall be jacked or bored. No open cut will be allowed within five feet of the edge of roadways or such driveways. Open cuts on unpaved driveways shall be performed only with a trenching machine and shall not be excavated. In such cases the trench shall be backfilled and compacted. The driveway surface shall be restored to its original condition. Any variance to these requirements shall have the Commissioners' Court approval.
4. All buried water lines shall be marked thoroughly with detectable tracer wire. All other lines shall be marked thoroughly with detectable underground warning tape. Public to be safe-guarded by use of construction signs and barricades. Identification markers shall be placed along right-of-way lines, that is readily identifiable, indicating name of Company, type of line and emergency contact number.
5. Restore roads to their original condition. Trench is to be back-tracked, dragged, graded and filled as necessary to minimize erosion and sedimentation resulting from the proposed installation. Ditches are to be left clear for drainage.
6. The Court Commission may require the owner to relocate this line, for valid reasons under the law by giving thirty (30) days written notice.

The contractor must notify the County Engineer at (979) 826-7670, forty-eight (48) hours prior to starting construction of the line in order that we may have a representative present. An inspection of the line installation is required prior to backfilling the excavation to confirm proper cover depth.

SPECIAL PROVISIONS:

WALLER COUNTY COMMISSIONERS' COURT

Carbett "Trey" J. Duhon III, County Judge

It is ORDERED by the Court on motion by Commissioner _____, duly seconded by Commissioner _____, that the above and foregoing request be and the same is hereby approved, with _____ members present voting in favor and _____ members present voting opposed. The County Engineer is authorized to comply with the above requests.

Date

Debbie Hollan, County Clerk

Deputy

24.0P.008

Permit # _____ UP _____

Waller County Road & Bridge Department
775 Business 290 East
Hempstead, Texas
(979) 826-7670

Date: 02/14/2024

NOTICE OF PROPOSED UTILITY WORK IN WALLER COUNTY RIGHT-OF-WAY

Formal notice is hereby given that PS Lightwave, Inc. (utility contractor) proposes to place a Fiber Optic Cable Job 23470-12418_148634 within the right-of-way of Jordan Ranch Blvd (street) as follows: *Provide details for location, length, construction method, design (i.e. the dimensions from ROW line, edge of curb or pavement), etc.*
Bore and place 125' of (3) 1" HDPE conduit encasing fiber optic cable along the ROW of Jordan Ranch Blvd

The _____ will be constructed and maintained on the road right-of-way as directed by Waller County Road & Bridge in accordance with governing laws.

Our firm further understands that the County considers proper traffic control measures as those complying with applicable portions of the Texas Manual on Uniform Traffic Control Devices required for adoption by the "Transportation Code" (Ch 251).

The location and description of the proposed work and appurtenances is more fully shown by three (3) copies of drawings attached to this notice.

Construction is proposed to begin on or after the Immediately Upon Approval day of _____, 20____.

Firm: PS Lightwave, Inc. Address: 5959 Corporate Dr., Suite 3300
By: _____ Houston, TX 77036
Signature: Patricia Eilenfeldt - peilenfeldt@pslightwave.com Phone: 832-615-7603
Title: Sr.OSP Engineer Associate Fax: _____

APPROVAL

This application is hereby approved subject to the following understandings and restrictions.

It is expressly understood that the said Waller County does not hereby imply to grant any right, claim, title or easement in or upon this County Road; and it is further understood that in the future, should Waller County, for any reason, need to work, improve, relocate, widen, increase, add to, decrease, or in any manner change the structure of this road or right-of-way, this line, if affected, will be moved at the direction of the Waller County Engineer or Road Administrator with thirty (30) days written notice.

This installation work shall not damage any part of the roadway and adequate provisions shall be made to cause a minimum of inconvenience to traffic and adjacent property owners.

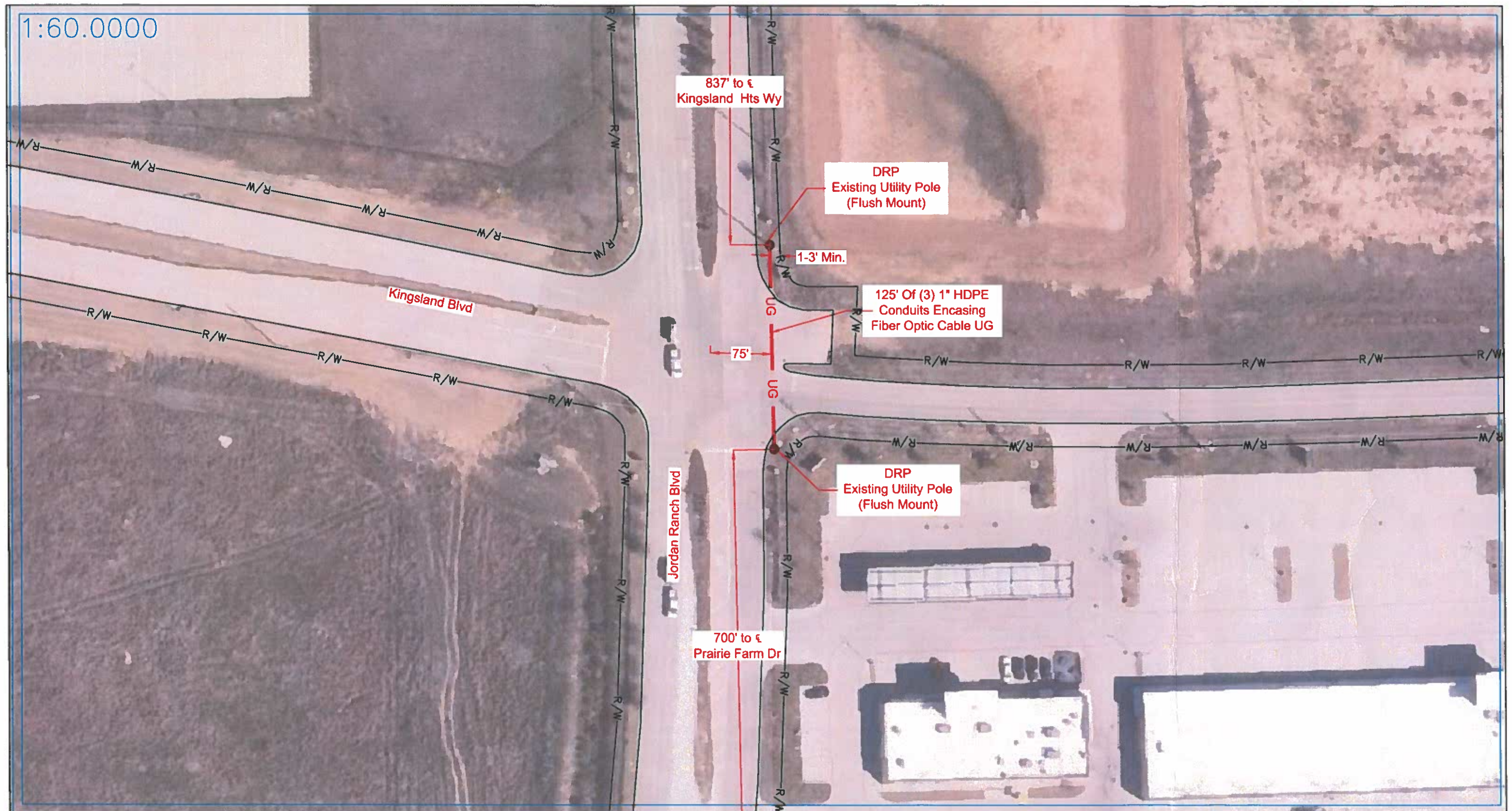
APPROVED BY WALLER COUNTY ROAD & BRIDGE DEPT.

[Signature]
County Engineer or Road Administrator

3-6-24
Date

Traffic Controls Required: Y N
Traffic Controls Reviewed By: PSRG
Bond: Y N Bond Amount (\$): _____
Floodplain Dev. Permit Required: Y N
Permit #: _____ Precinct #: 4
R&B Inspector: Robert J. Goodspeed

1:60.0000

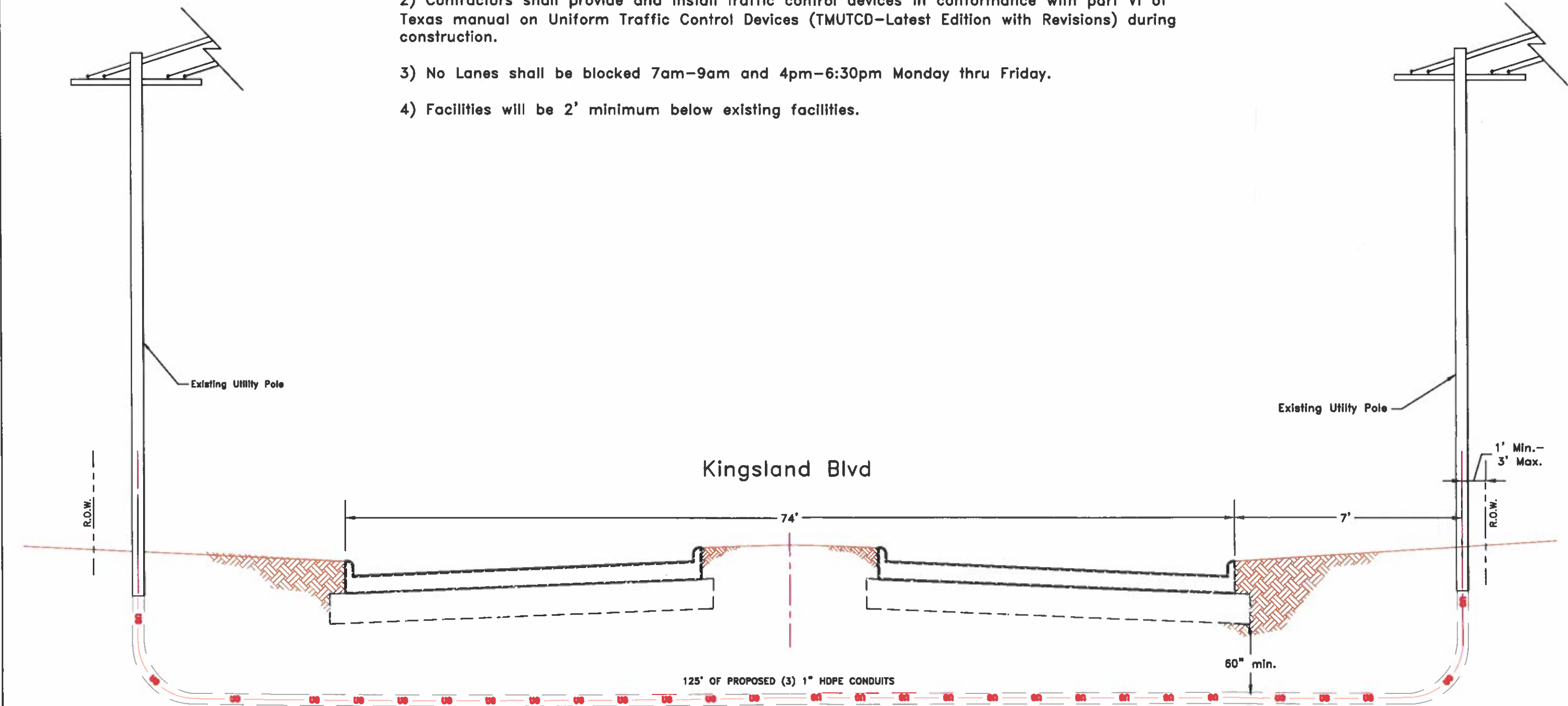


UG	3(1") HDPE W/ F.O. CABLE	PROPOSED CONDUIT
UG	3(1.25") HDPE W/ F.O. CABLE	EXISTING CONDUIT
UG	1(2") HDPE W/ F.O. CABLE	EMT 1.25" EMT
UG	1(4") HDPE W/ 3(1.25")HDPE	R/W RIGHT-OF-WAY
---	FLEX INNERDUCT	EOP EDGE-OF-PAVEMENT
AIR	AERIAL FIBER OPTIC CABLE	FENCE
CAT5	CAT5 CABLE	RACK LOCATION
		PSLW SET POLE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

				CUSTOMER ID: JOB # 23470-12418	
SCALE: 1"=60'		PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE		CUSTOMER: Notice Of Proposed Utility Installation	
PAGE: 1		REVISION#1: Rev#1		ADDRESS: Jordan Ranch Blvd @ Kingsland Blvd	
OF: 2		REVISION#2: Rev#2		CITY/ZIP: Brookshire, TX 77423	
		REVISION#3: Rev#3		COUNTY: Waller	
		REVISION#4: Rev#4		TENANTS: # OF FLOORS: DWG#: KEY MAP:	
				WD#: 148634 JOB#: 23470-12418 DRAWN BY: PJE DATE: 02/14/224	
				APPROVED BY: DATE:	

General Notes:

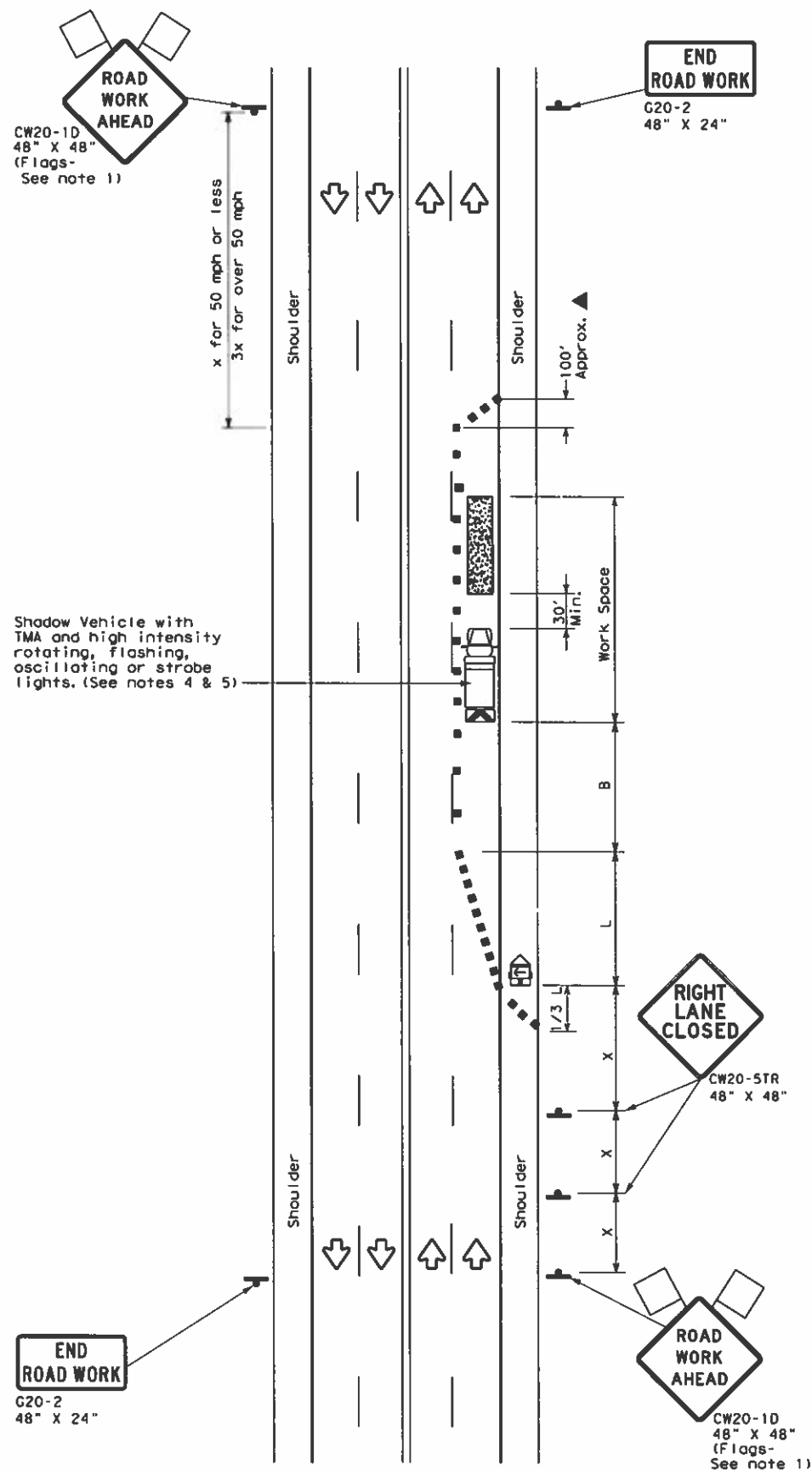
- 1) Surface to be restored to its original condition in compliance with Waller Co. Standards.
- 2) Contractors shall provide and install traffic control devices in conformance with part VI of Texas manual on Uniform Traffic Control Devices (TMUTCD-Latest Edition with Revisions) during construction.
- 3) No Lanes shall be blocked 7am-9am and 4pm-6:30pm Monday thru Friday.
- 4) Facilities will be 2' minimum below existing facilities.



UG (3) 1" PVC W/ F.O. CABLE UG (3) 1.25" PVC W/ F.O. CABLE UG (1) 2" PVC W/ F.O. CABLE UG (1) 4" HDPE W/ 3(1.25")PVC FLEX INNERDUCT AIR AERIAL FIBER OPTIC CABLE CAT5 CAT5 CABLE		LEGEND PROPOSED CONDUIT EXISTING CONDUIT EMT 1.25" EMT R/W RIGHT-OF-WAY EOP 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		PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE REVISION#1: Rev#1 REVISION#2: Rev#2 REVISION#3: Rev#3 REVISION#4: Rev#4 SCALE: N.T.S PAGE: 2 OF: 2 DATE: Date DATE: Date DATE: Date DATE: Date		Job# 23470-12418 Description: Notice Of Proposed Utility Installation ADDRESS: Jordan Ranch Blvd @ Kingsland Blvd CITY/ZIP: Brookshire, TX 77423 TENANTS: # OF FLOORS: DWG#: KEY MAP: WO#: 148634 JOB#: 23470-12418 DRAWN BY: PJE DATE: 02/14/2024 APPROVED BY: DATE:			
---	--	--	--	--	--	---	--	---	--	--	--

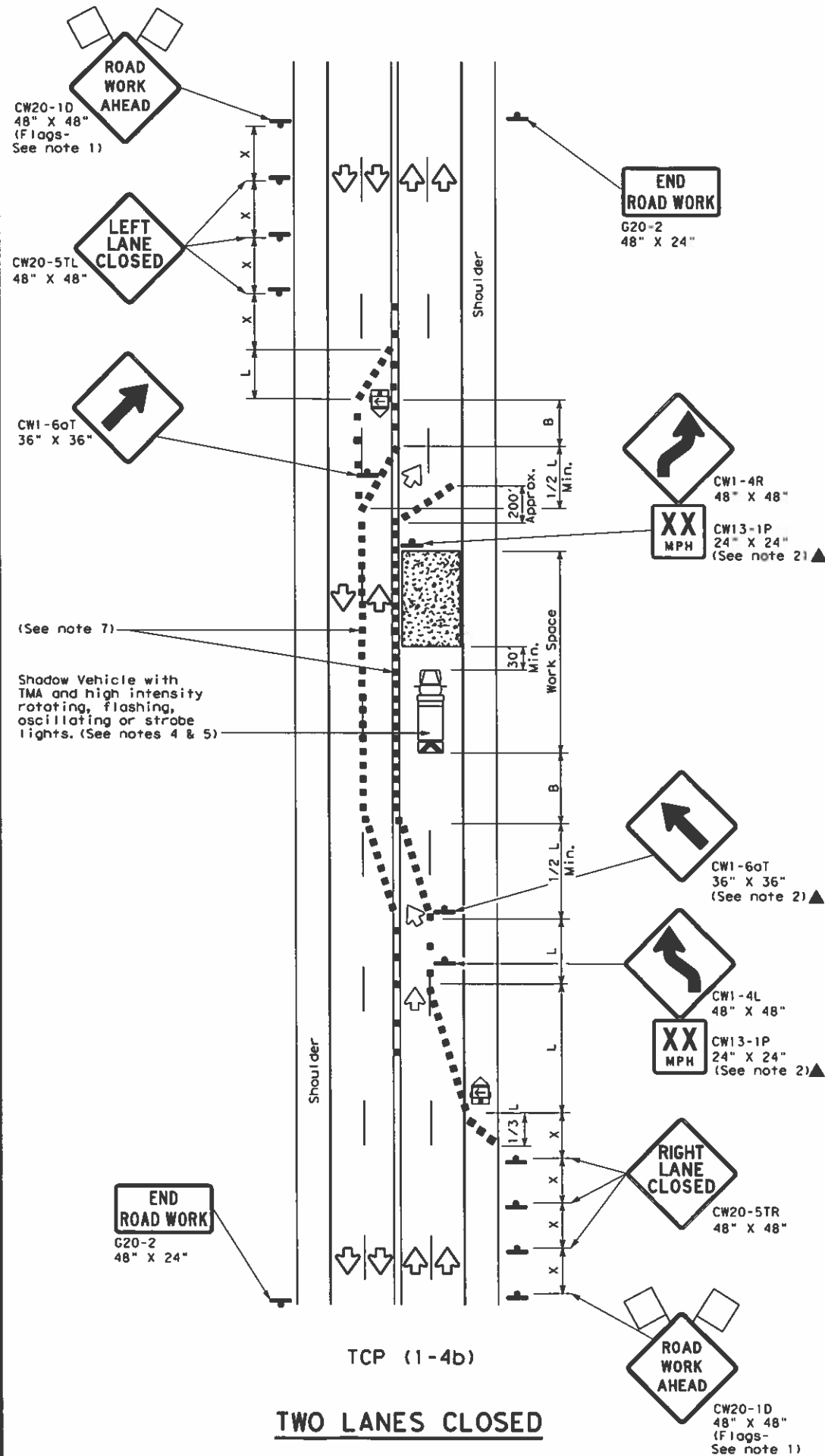
DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

DATE:
FILE:



TCP (1-4a)

ONE LANE CLOSED



TCP (1-4b)

TWO LANES CLOSED

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

- 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 CW20-1D "ROAD WORK AHEAD" sign may be repeated if 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 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.
- Additional Shadow Vehicles with TMAs 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, CW20-5TL "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 merging taper.

TCP (1-4b)

- Where traffic is directed over a yellow centerline, channelizing devices which separate two-way traffic should be spaced on tapers at 20' or 15' if posted speeds are 35 mph or slower, and for tangent sections, at 1/2S where S is the speed in mph. This tighter device spacing is intended for the areas of conflicting markings, not the entire work zone.

		Traffic Operations Division Standard	
TRAFFIC CONTROL PLAN LANE CLOSURES ON MULTILANE CONVENTIONAL ROADS			
TCP (1-4) - 18			
FILE:	tcp1-4-18.dgn	DN:	CK:
© TxDOT	December 1985	CONT	SECT
REVISIONS		JOB	HIGHWAY
2-94	4-98		
8-95	2-12		
1-97	2-18		
		COUNTY	SHEET NO.