



**REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT**

**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: 2018-23864

Applicant: PS Lightwave, Inc

Job Location Site: Riverside Grove Drive, Houston, TX 77083

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.
4. This permit applies to work performed within right-of-ways owned and maintained by Fort Bend County only, and it is the responsibility of the applicant to acquire all other necessary permits.

On this 6th day of November, 2018, Upon Motion of Commissioner Moyers, 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

By: Sean Eglinton

County Engineer

N/A

By:

Drainage District Engineer/Manager

Presented to Commissioners Court and approved.

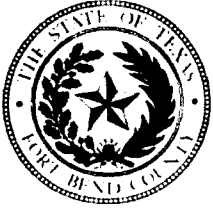
Date Recorded 11-9-2018

Comm. Court No. 12F

Clerk of Commissioners Court

By: Andrea Wilho

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: 2018-23864

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:

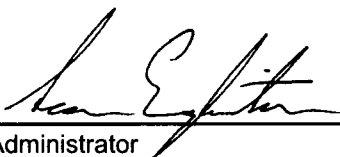
- ☐ County Attorney, approval when applicable.
- ☒ Perpetual bond currently posted. Bond No: [REDACTED] Amount: \$50,000.00
- ☐ Performance bond submitted. Bond No: _____ Amount: _____
- ☐ Cashier's Check Check No: _____ Amount: _____

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

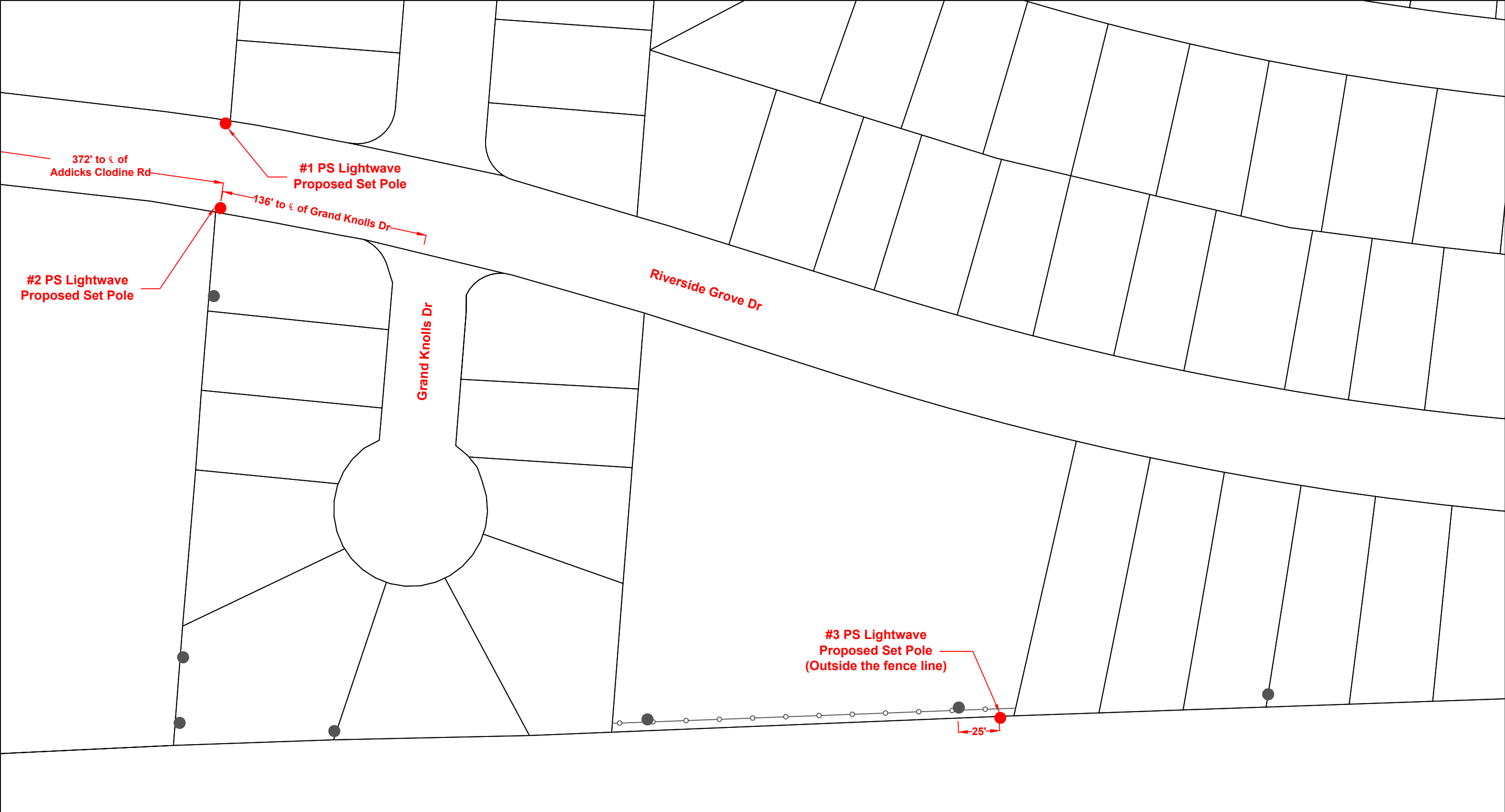
We have reviewed this project and agree it meets minimum requirements.



Permit Administrator

10/29/2018

Date



UG

3(1") HDPE W/ FIBER OPTIC CABLE

UG

3(1.25") HDPE W/ FIBER OPTIC CABLE

UG

1(2") PVC W/ FIBER OPTIC CABLE

UG

1(4") HDPE W/ 3(1.25")HDPE

FLEX INNERDUCT (INSIDE)

AIR

AERIAL FIBER OPTIC CABLE

CAT5

CAT5 CABLE

PROPOSED CONDUIT

EXISTING CONDUIT

EMT

1.25" EMT

RIGHT-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: 1"=60'

PAGE: 1

OF: 4

REVISION#1: Rev#1

REVISION#2: Rev#2

REVISION#3: Rev#3

REVISION#4: Rev#4

DATE: Rev#1 Date

DATE: Rev#2 Date

DATE: Rev#3 Date

DATE: Rev#4 Date

CUSTOMER ID:

JOB# 12477-8558

CUSTOMER:

Notice of Proposed Utility Installation

ADDRESS:

Riverside Grove Dr

CITY/ZIP:

Houston, TX 77083

COUNTY:

Fort Bend

TENANTS:

OF FLOORS:

DWG#:

KEY MAP: 527Q

WO#:

JOB#:

DRAWN BY:

DATE:

APPROVED BY:

DATE:



UG

3(1") HDPE W/ FIBER OPTIC CABLE

UG

3(1.25") HDPE W/ FIBER OPTIC CABLE

UG

1(2") PVC W/ FIBER OPTIC CABLE

UG

1(4") HDPE W/ 3(1.25")HDPE

FLEX INNERDUCT (INSIDE)

AIR

AERIAL FIBER OPTIC CABLE

CAT5

CAT5 CABLE

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

1"=60'

PAGE: 2

OF: 4

PS LIGHTWAVE

PROPRIETARY INFORMATION - PROPERTY OF PS 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# 12477-8558

CUSTOMER: Notice of Proposed Utility Installation

ADDRESS: Riverside Grove Dr

CITY/ZIP: Houston, TX 77083

COUNTY: Fort Bend

TENANTS:

OF FLOORS:

DWG#:

KEY MAP: 527Q

WO#: 108374

JOB#: 12477-8558

DRAWN BY: GG

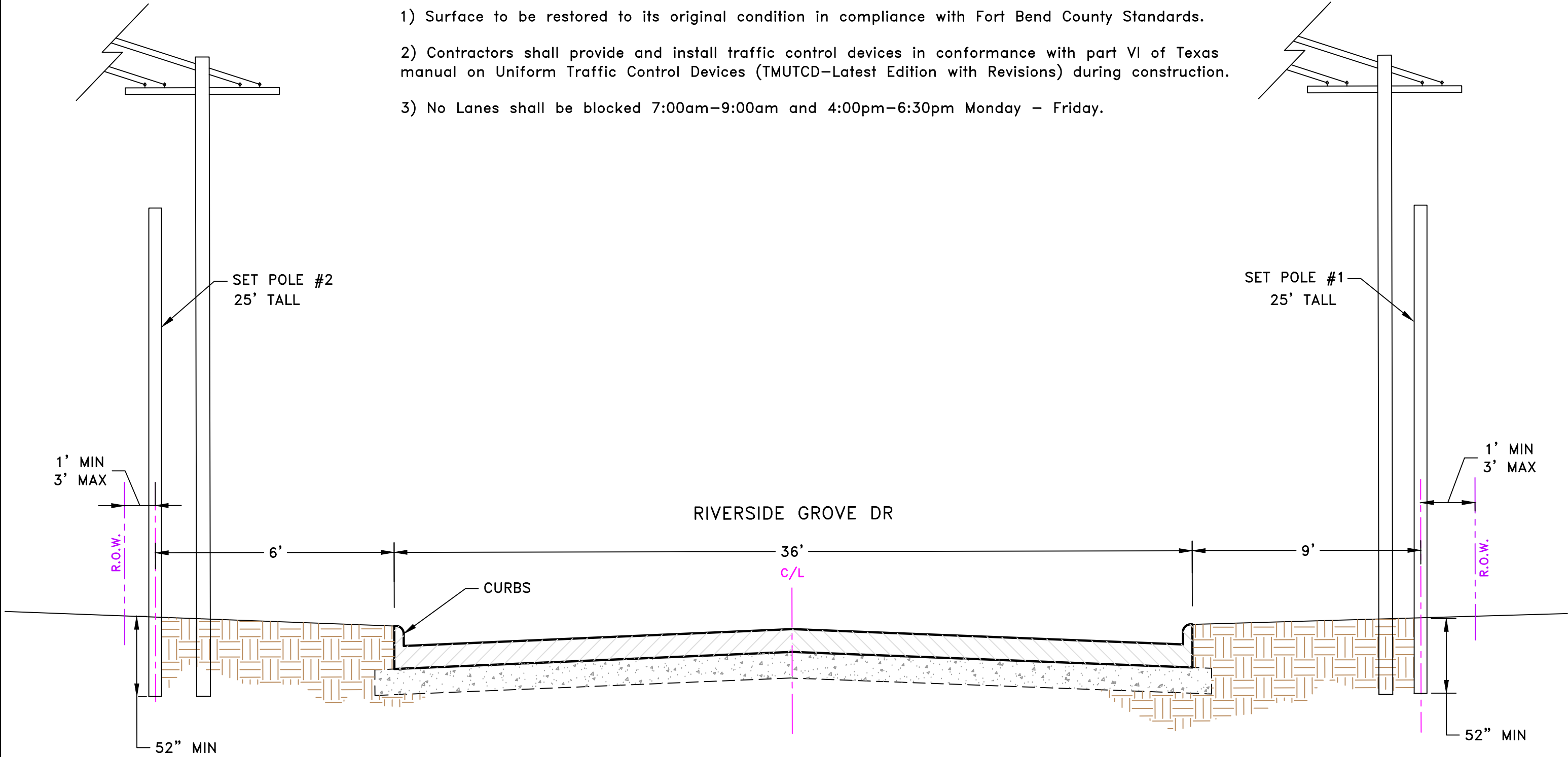
DATE: 10/08/2018

APPROVED BY:

DATE:

General Notes:

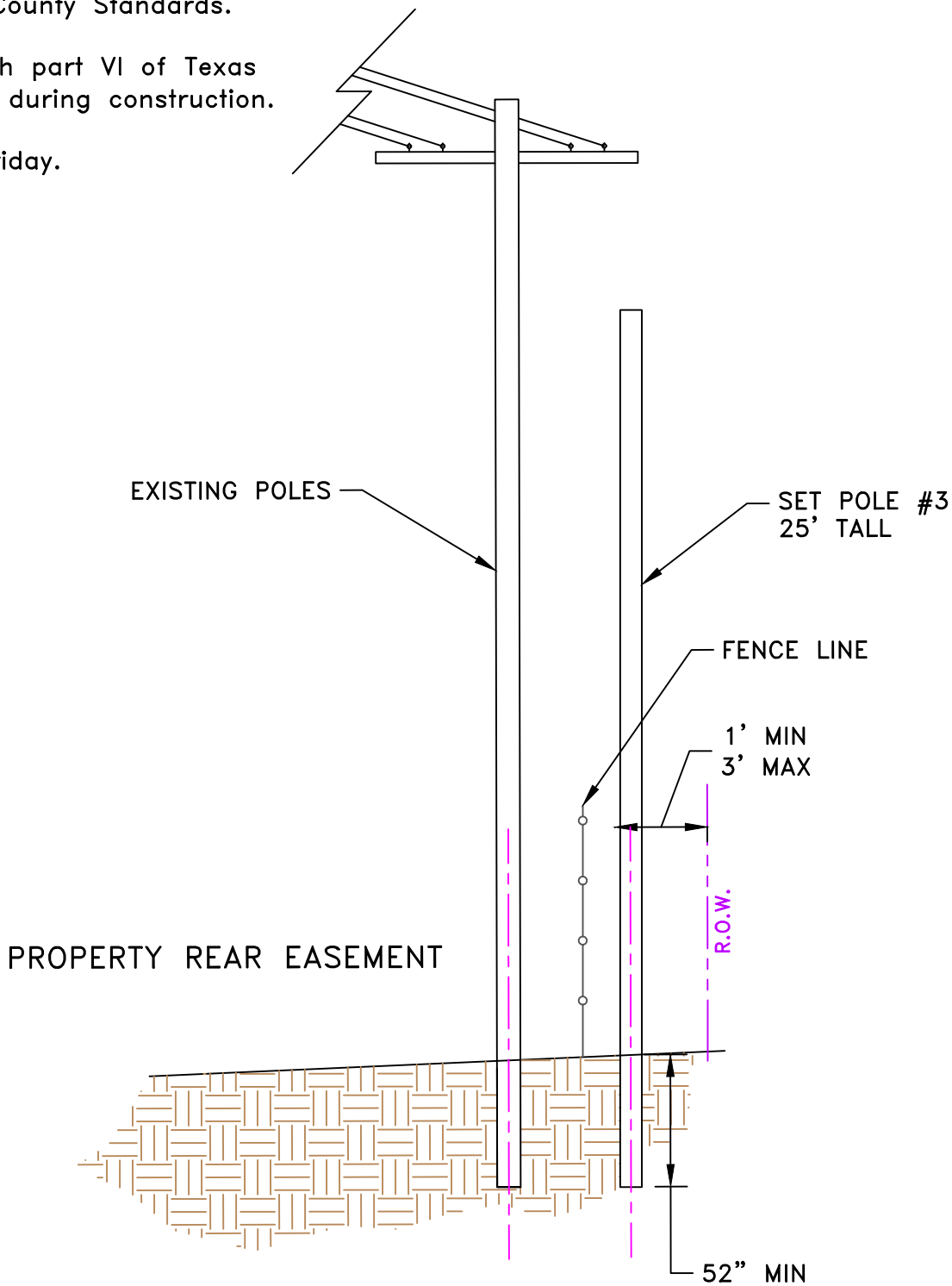
- 1) Surface to be restored to its original condition in compliance with Fort Bend County Standards.
- 2) Contractors shall provide and install traffic control devices in conformance with part VI of Texas manual on Uniform Traffic Control Devices (TMUTCD–Latest Edition with Revisions) during construction.
- 3) No Lanes shall be blocked 7:00am–9:00am and 4:00pm–6:30pm Monday – Friday.



LEGEND UG 3(1") HDPE W/ FIBER OPTIC CABLE UG 3(1.25") HDPE W/ FIBER OPTIC CABLE UG 1(2") PVC W/ FIBER OPTIC CABLE UG 1(4") HDPE W/ 3(1.25")HDPE FLEX INNERDUCT (INSIDE) AIR AERIAL FIBER OPTIC CABLE CAT5 CAT5 CABLE 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			PSLW PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE REVISION#1: Rev#1 REVISION#2: Rev#2 REVISION#3: Rev#3 REVISION#4: Rev#4 DATE: Rev#1 Date DATE: Rev#2 Date DATE: Rev#3 Date DATE: Rev#4 Date SCALE: N.T.S. PAGE: 3 OF: 4		CUSTOMER ID: JOB# 12477-8558 CUSTOMER: Notice of Proposed Utility Installation ADDRESS: Riverside Grove Dr CITY/ZIP: Houston, TX 77083 TENANTS: WO#: 108374 APPROVED BY: COUNTY:Fort Bend # OF FLOORS: JOB#: 12477-8558 DATE: 10/08/2018 DWG#: DRAWN BY: GG DATE: KEY MAP: 527Q
--	--	--	---	--	---

General Notes:

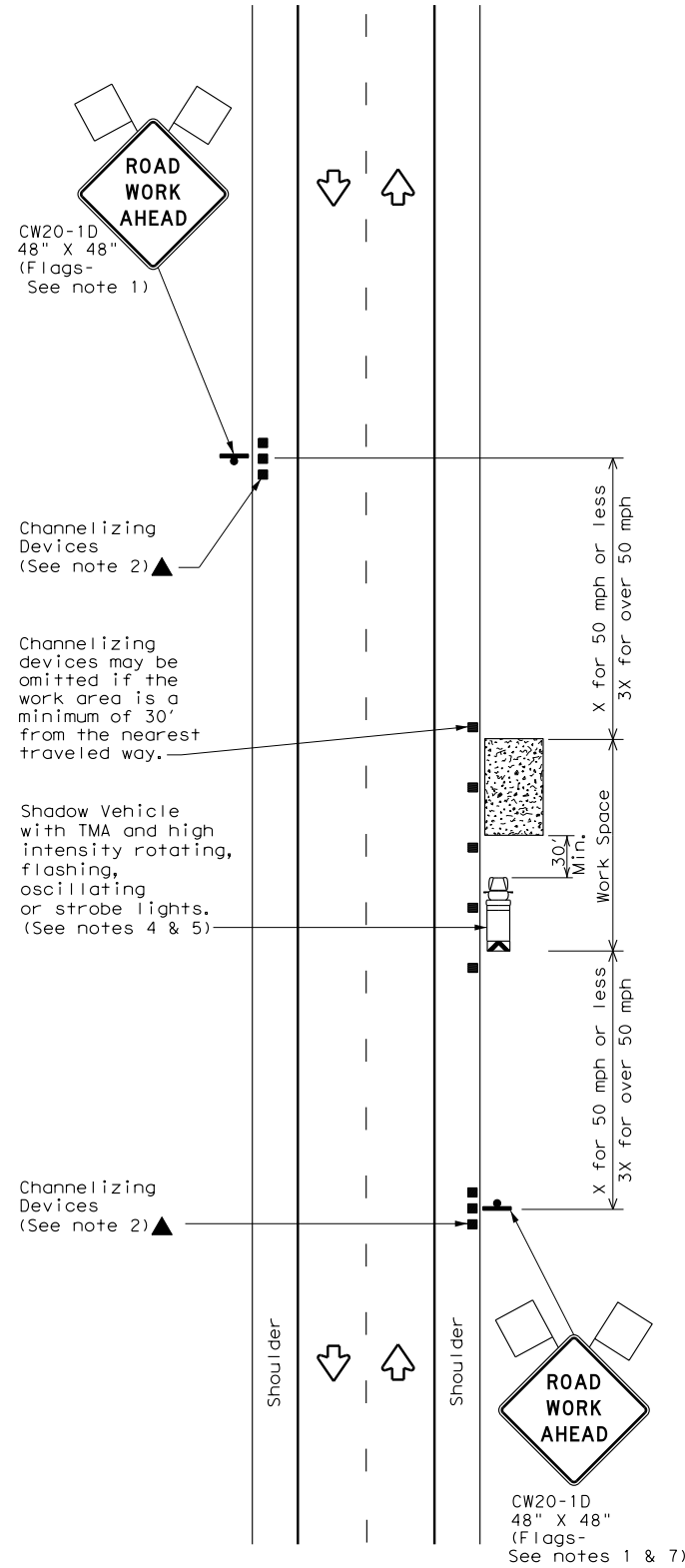
- 1) Surface to be restored to its original condition in compliance with Fort Bend County Standards.
- 2) Contractors shall provide and install traffic control devices in conformance with part VI of Texas manual on Uniform Traffic Control Devices (TMUTCD–Latest Edition with Revisions) during construction.
- 3) No Lanes shall be blocked 7:00am–9:00am and 4:00pm–6:30pm Monday – Friday.



UG 3(1") HDPE W/ FIBER OPTIC CABLE UG 3(1.25") HDPE W/ FIBER OPTIC CABLE UG 1(2") PVC W/ FIBER OPTIC CABLE UG 1(4") HDPE W/ 3(1.25")HDPE FLEX INNERDUCT (INSIDE) AIR AERIAL FIBER OPTIC CABLE CAT5 CAT5 CABLE 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					SCALE: N.T.S. PAGE: 4 OF: 4		PSLIGHTWAVE PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE REVISION#1: Rev#1 REVISION#2: Rev#2 REVISION#3: Rev#3 REVISION#4: Rev#4 DATE: Rev#1 Date DATE: Rev#2 Date DATE: Rev#3 Date DATE: Rev#4 Date		CUSTOMER ID: JOB# 12477-8558 CUSTOMER: Notice of Proposed Utility Installation ADDRESS: Riverside Grove Dr CITY/ZIP: Houston, TX 77083 COUNTY: Fort Bend TENANTS: # OF FLOORS: DWG#: KEY MAP: 527Q WO#: JOB#: DRAWN BY: DATE: APPROVED BY: DATE:			
---	--	--	--	--	---	--	---	--	--	--	--	--

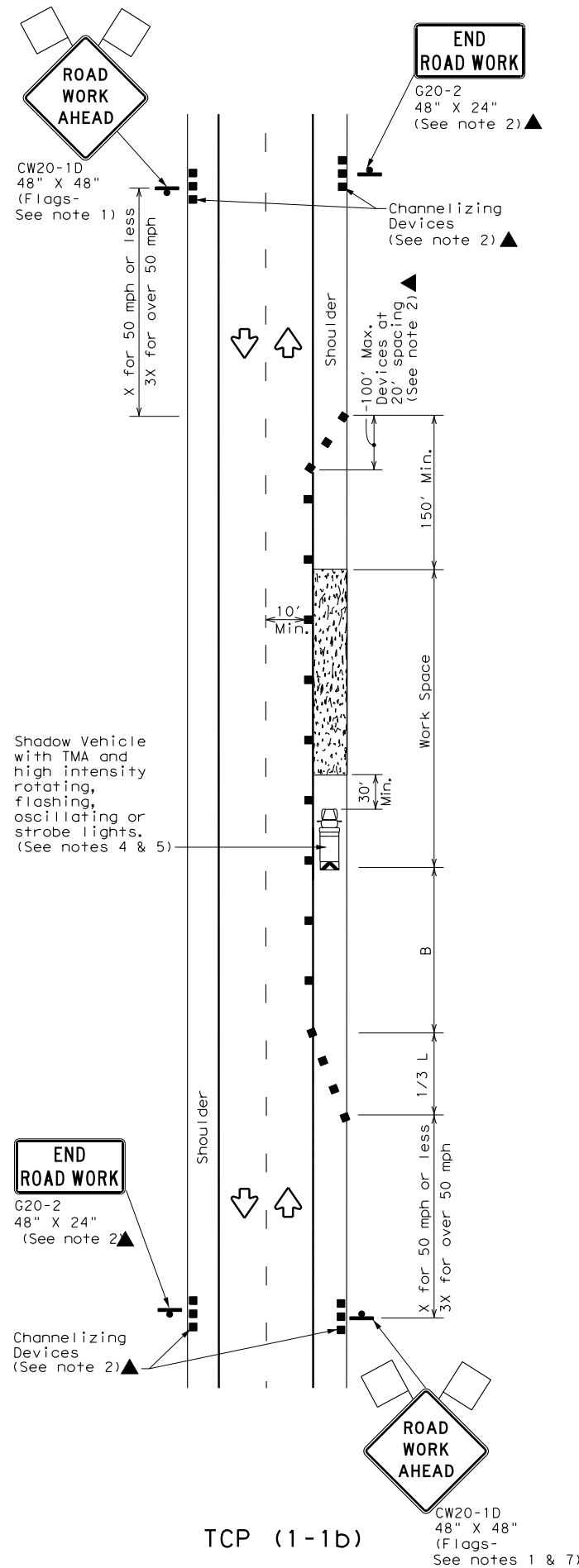
DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

DATE: FILE:



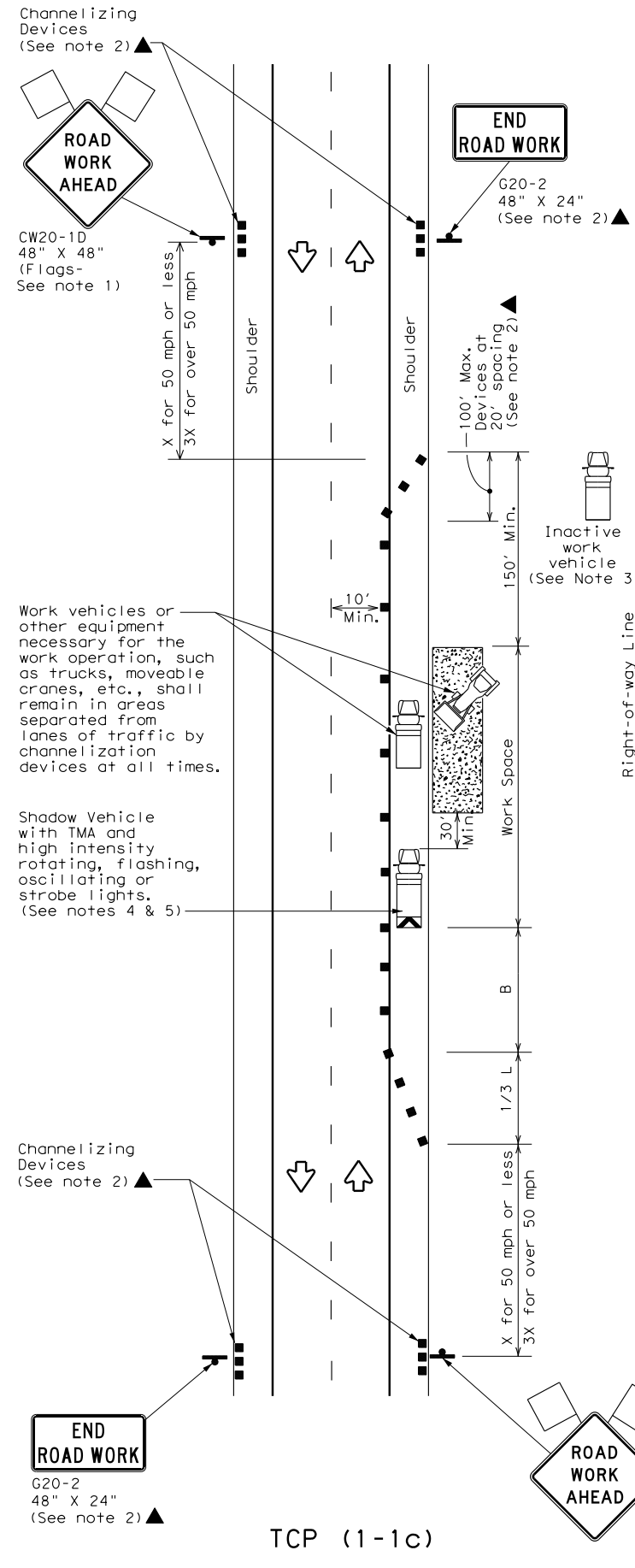
TCP (1-1a)

WORK SPACE NEAR SHOULDER
Conventional Roads



TCP (1-1b)

WORK SPACE ON SHOULDER
Conventional Roads



TCP (1-1c)

WORK VEHICLES ON SHOULDER
Conventional Roads

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	$L = \frac{WS^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45	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.
 - Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
 - 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.
 - See TCP(5-1) for shoulder work on divided highways, expressways and freeways.
 - CW21-5 "SHOULDER WORK" signs may be used in place of CW20-1D "ROAD WORK AHEAD" signs for shoulder work on conventional roadways.

Texas Department of Transportation

Traffic Operations Division Standard

**TRAFFIC CONTROL PLAN
CONVENTIONAL ROAD
SHOULDER WORK**

TCP (1-1) - 18

FILE: tcp1-1-18.dgn	DN:	CK:	DW:	CK:
© TxDOT December 1985	CONT	SECT	JOB	HIGHWAY
REVISIONS				
2-94 4-98				
8-95 2-12				
1-97 2-18				
	DIST	COUNTY		SHEET NO.