



**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 _____, seconded by Commissioner _____, 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: 
County Engineer

Date Recorded _____ Comm. Court No. _____

Clerk of Commissioners Court

By: N/A
Drainage District Engineer/Manager

By: _____
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: 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

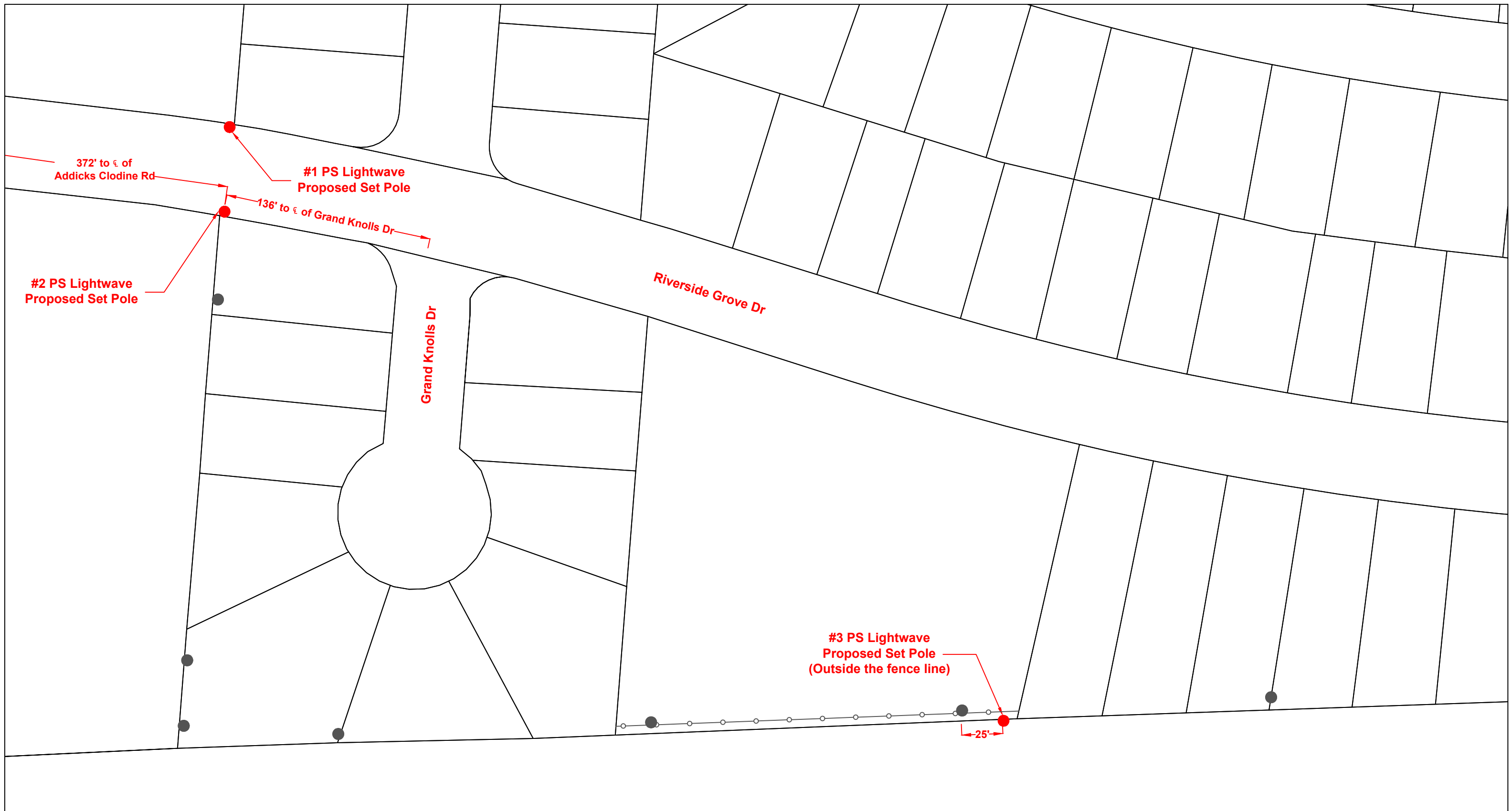
We have reviewed this project and agree it meets minimum requirements.



Permit Administrator

10/29/2018

Date



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

SCALE: 1"=60'
 PAGE: 1
 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:		

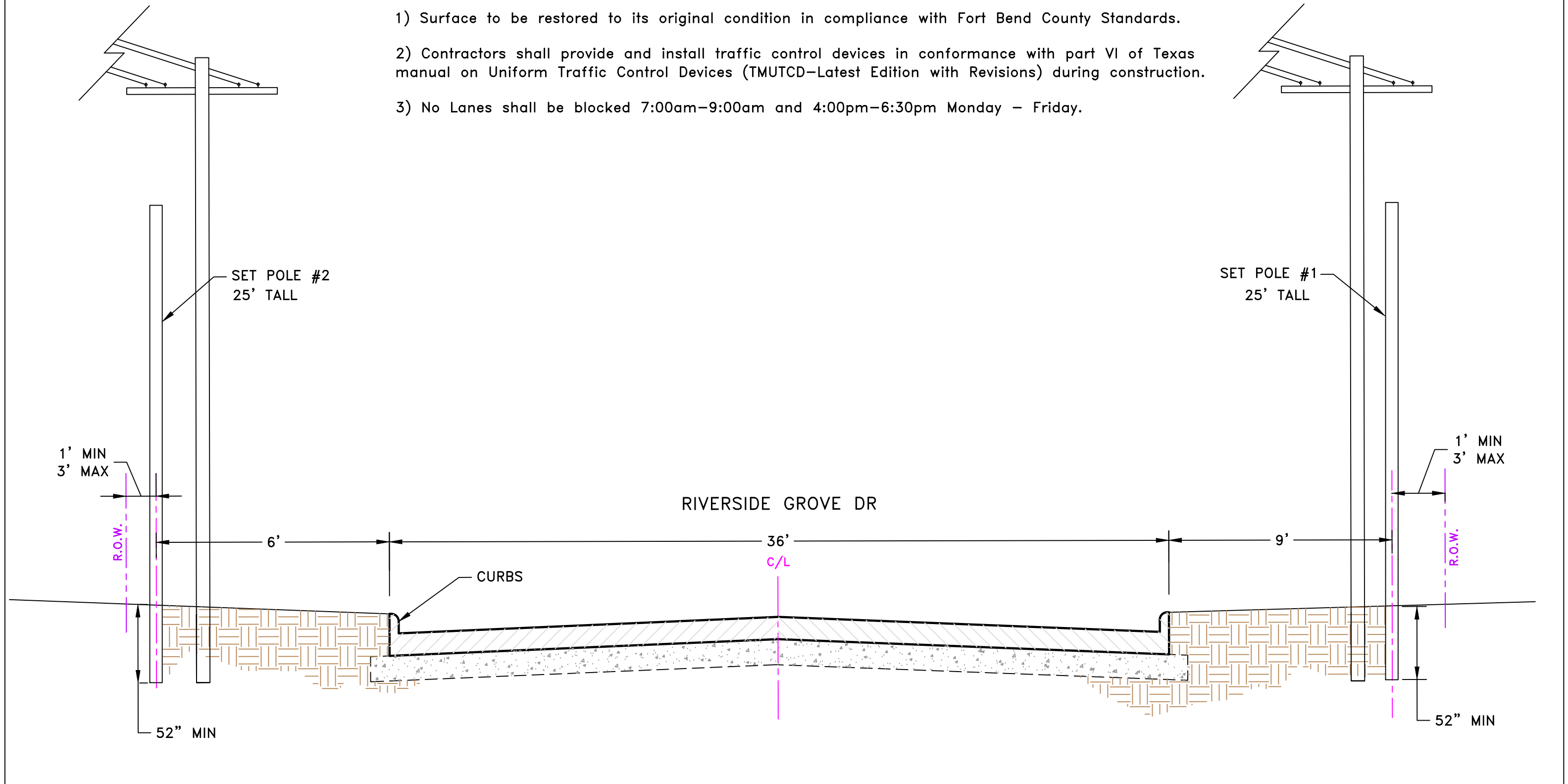


LEGEND			
	UG 3(1") HDPE W/ FIBER OPTIC CABLE		PROPOSED CONDUIT
	UG 3(1.25") HDPE W/ FIBER OPTIC CABLE		EXISTING CONDUIT
	UG 1(2") PVC W/ FIBER OPTIC CABLE		EMT 1.25" EMT
	UG 1(4") HDPE W/ 3(1.25")HDPE		R/W RIGHT-OF-WAY
	UG FLEX INNERDUCT (INSIDE)		EOP EDGE-OF-PAVEMENT
	AIR AERIAL FIBER OPTIC CABLE	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

 SCALE: 1"=60' PAGE: 2 OF: 4	 PS LIGHTWAVE PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE <small>Revised P&E: 11/16</small>	CUSTOMER ID: JOB# 12477-8558		
		CUSTOMER: Notice of Proposed Utility Installation ADDRESS: Riverside Grove Dr CITY/ZIP: Houston, TX 77083 COUNTY: Fort Bend		
	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	TENANTS: WO#: 108374 APPROVED BY:	# OF FLOORS: JOB#: 12477-8558 DATE: 10/08/2018

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	— PROPOSED CONDUIT	● PSLW SET POLE
— UG	3(1.25") HDPE W/ FIBER OPTIC CABLE	- - - EXISTING CONDUIT	● EXISTING SET POLE
— UG	1(2") PVC W/ FIBER OPTIC CABLE	— EMT	● EXISTING UTILITY POLE
— UG	1(4") HDPE W/ 3(1.25")HDPE	— 1.25" EMT	☑ PROPOSED PSLW VAULT (24"x36"24")
- - -	FLEX INNERDUCT (INSIDE)	— R/W —	■ EXISTING VAULT
— AIR	AERIAL FIBER OPTIC CABLE	— EOP —	☒ PULLBOX
— CAT5	CAT5 CABLE	— FENCE —	★ MDF LOCATION
		☐ RACK LOCATION	

SCALE: N.T.S.

PAGE: 3

OF: 4

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

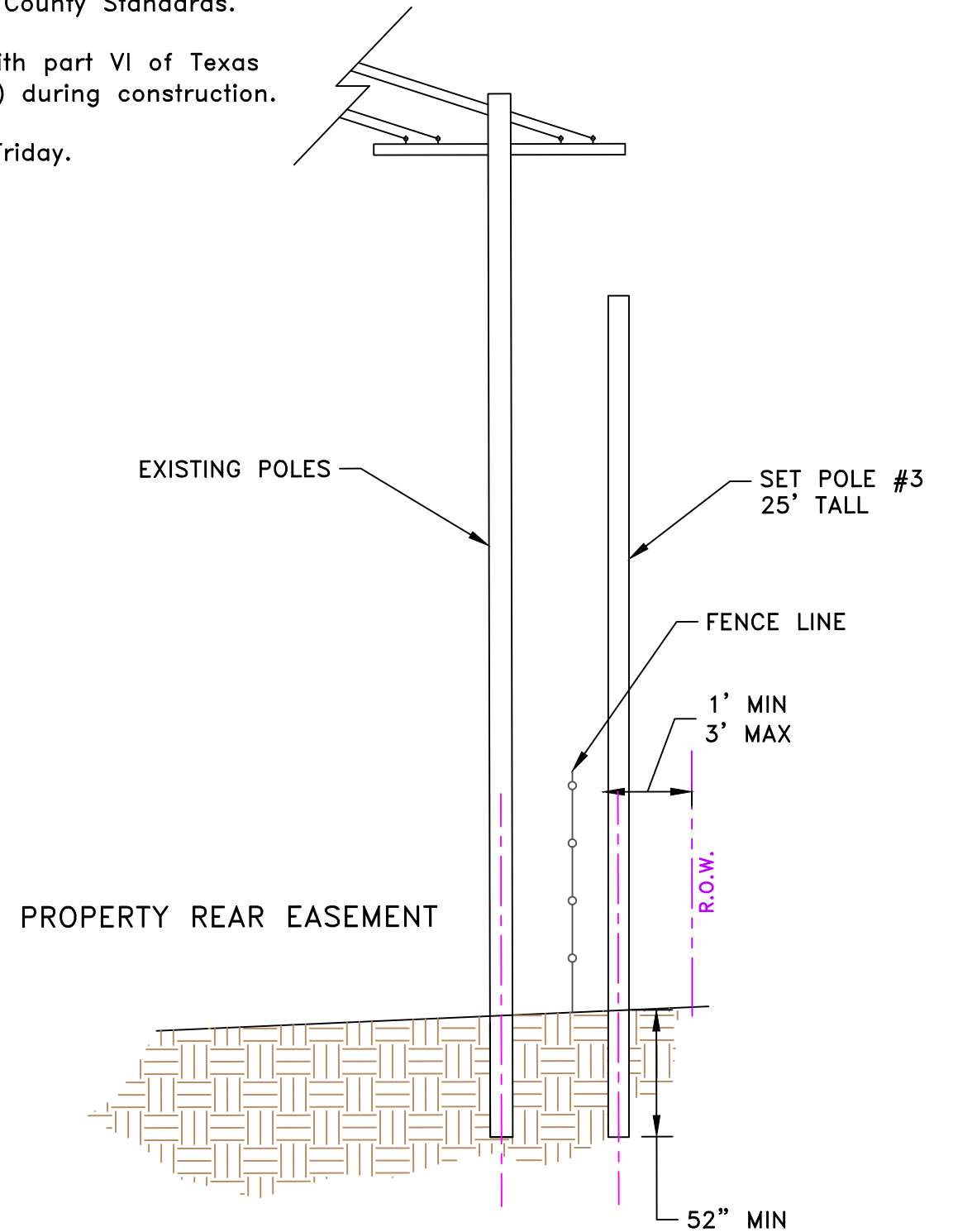
ADDRESS: Riverside Grove Dr
























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:		

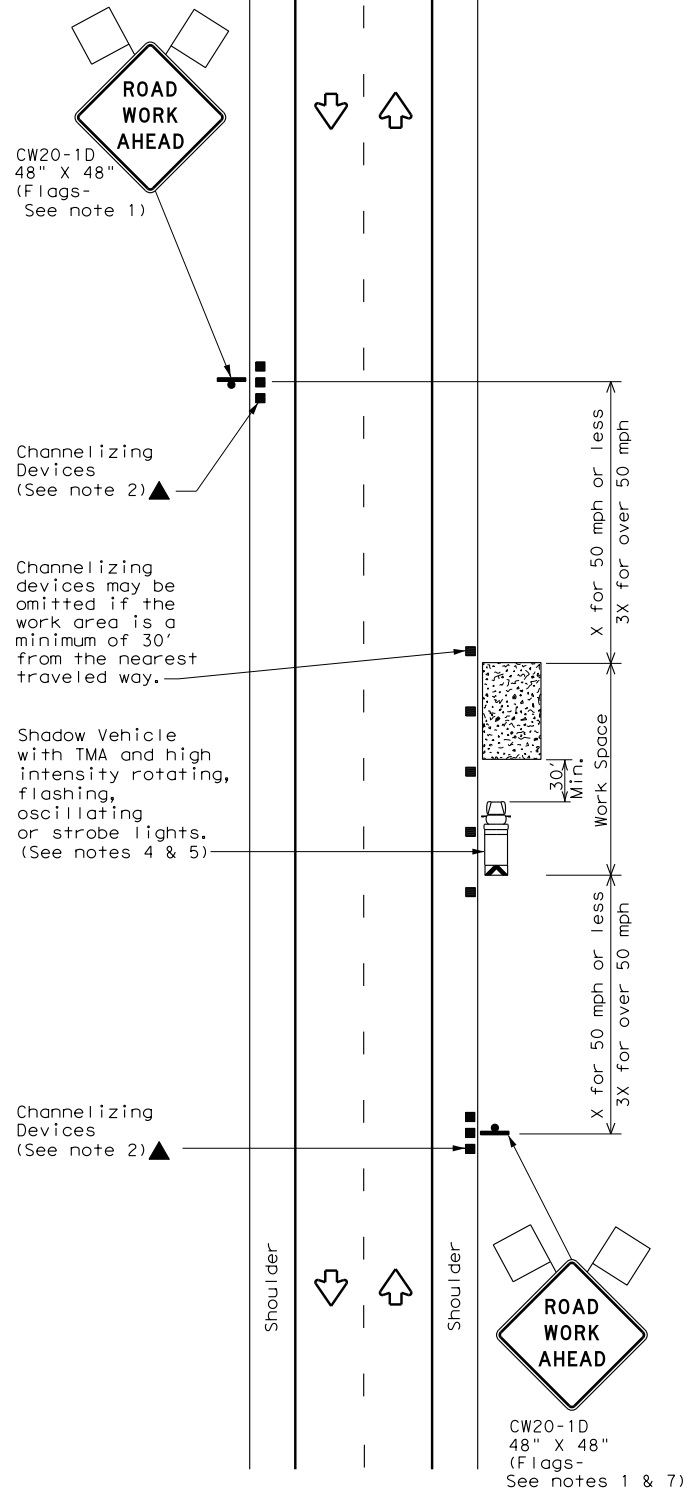
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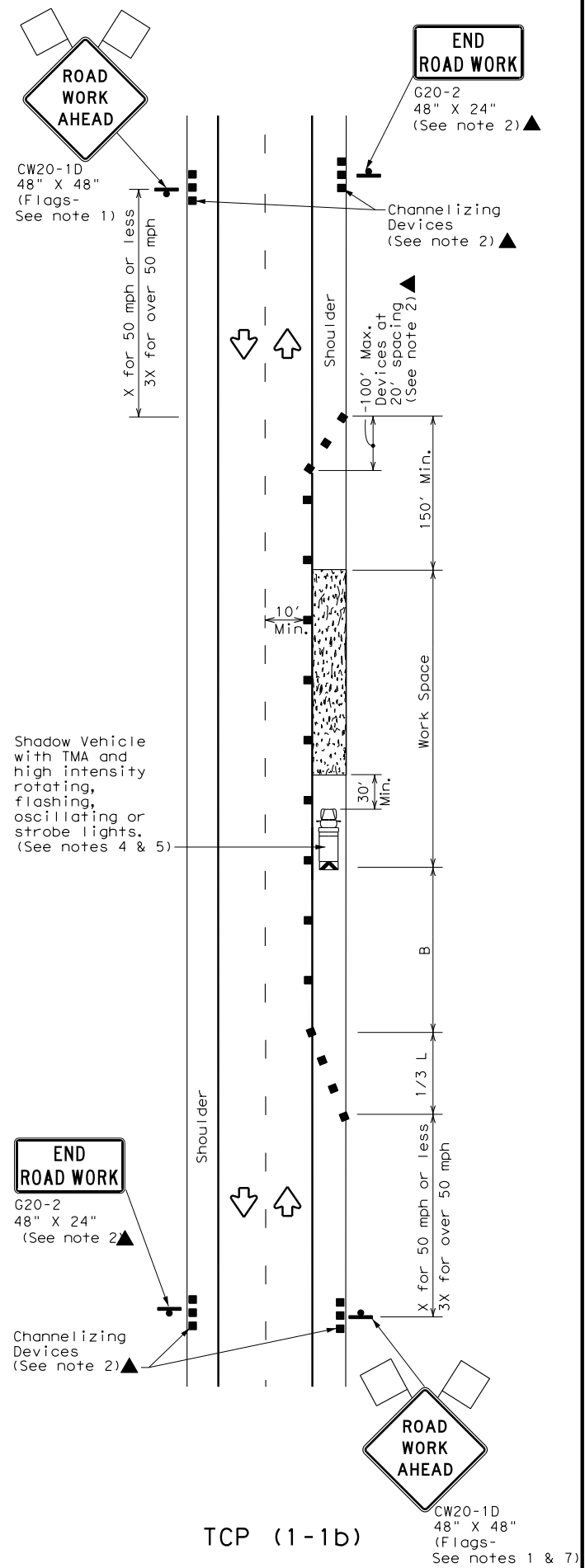
LEGEND				  <small>PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE</small>	CUSTOMER ID: JOB# 12477-8558			
 UG	3(1") HDPE W/ FIBER OPTIC CABLE	 PROPOSED CONDUIT	 PSLW SET POLE		REVISION#1: Rev#1	DATE: Rev#1 Date	CUSTOMER: Notice of Proposed Utility Installation	
 UG	3(1.25") HDPE W/ FIBER OPTIC CABLE	 EXISTING CONDUIT	 EXISTING SET POLE	REVISION#2: Rev#2	DATE: Rev#2 Date	ADDRESS: Riverside Grove Dr	CITY/ZIP: Houston, TX 77083	
 UG	1(2") PVC W/ FIBER OPTIC CABLE	 EMT 1.25" EMT	 EXISTING UTILITY POLE	REVISION#3: Rev#3	DATE: Rev#3 Date	TENANTS:	# OF FLOORS:	
 UG	1(4") HDPE W/ 3(1.25")HDPE	 R/W RIGHT-OF-WAY	 PROPOSED PSLW VAULT (24"x36"x24")	REVISION#4: Rev#4	DATE: Rev#4 Date	DWG#:	KEY MAP: 527Q	
 UG	FLEX INNERDUCT (INSIDE)	 EOP EDGE-OF-PAVEMENT	 EXISTING VAULT	SCALE: N.T.S.	PAGE: 4	WO#: 108374	JOB#: 12477-8558	
 AIR	AERIAL FIBER OPTIC CABLE	 FENCE	 PULLBOX	OF: 4	REVISION#3: Rev#3	DRAWN BY: GG	DATE: 10/08/2018	
 CAT5	CAT5 CABLE	 RACK LOCATION	 MDF LOCATION			APPROVED BY:	DATE:	

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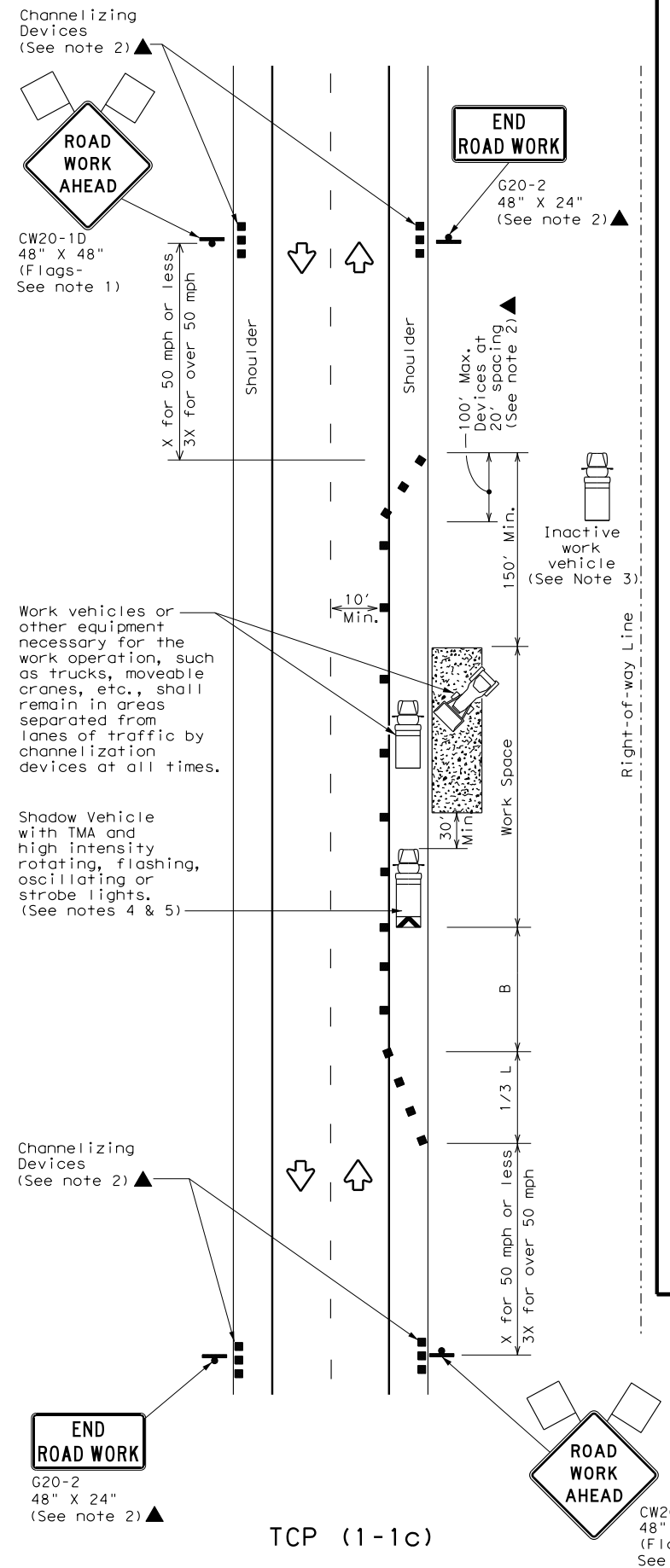
TCP (1-1a)

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.



TRAFFIC CONTROL PLAN
CONVENTIONAL ROAD
SHOULDER WORK

TCP (1-1) - 18

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

DATE:
FILE: