

**REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT**

14K
**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: 2018-18585

Applicant: PS Light Wave, Inc

Job Location Site: Katy Gaston Road, Katy, TX 77494

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.

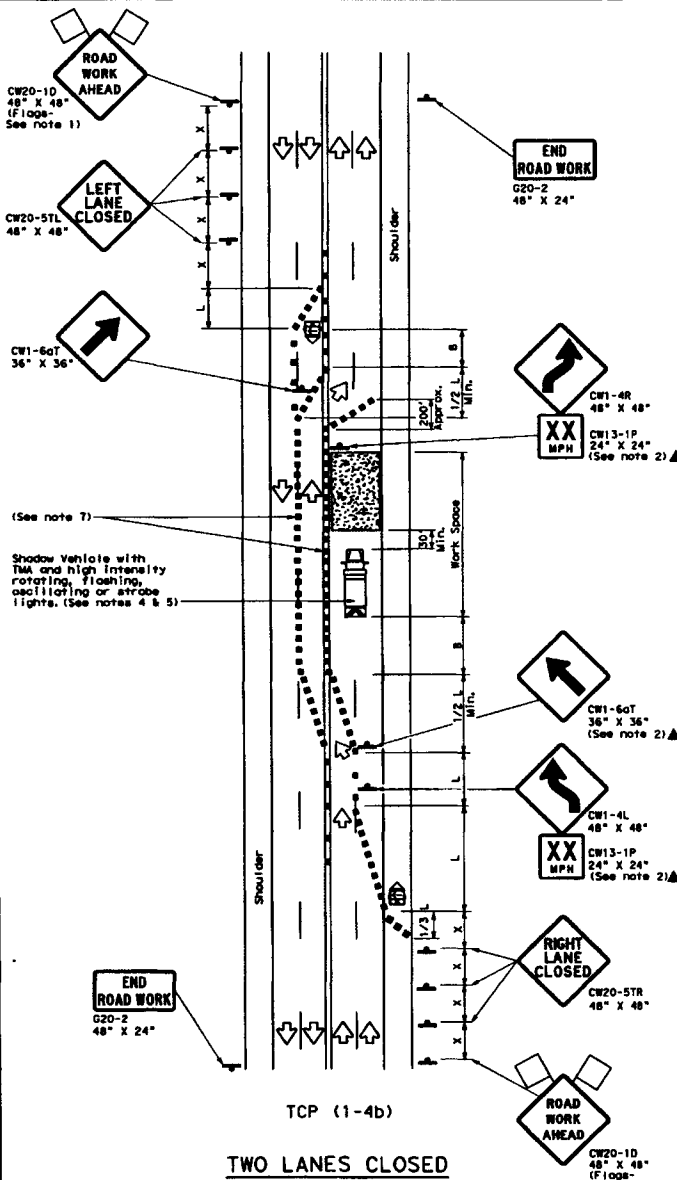
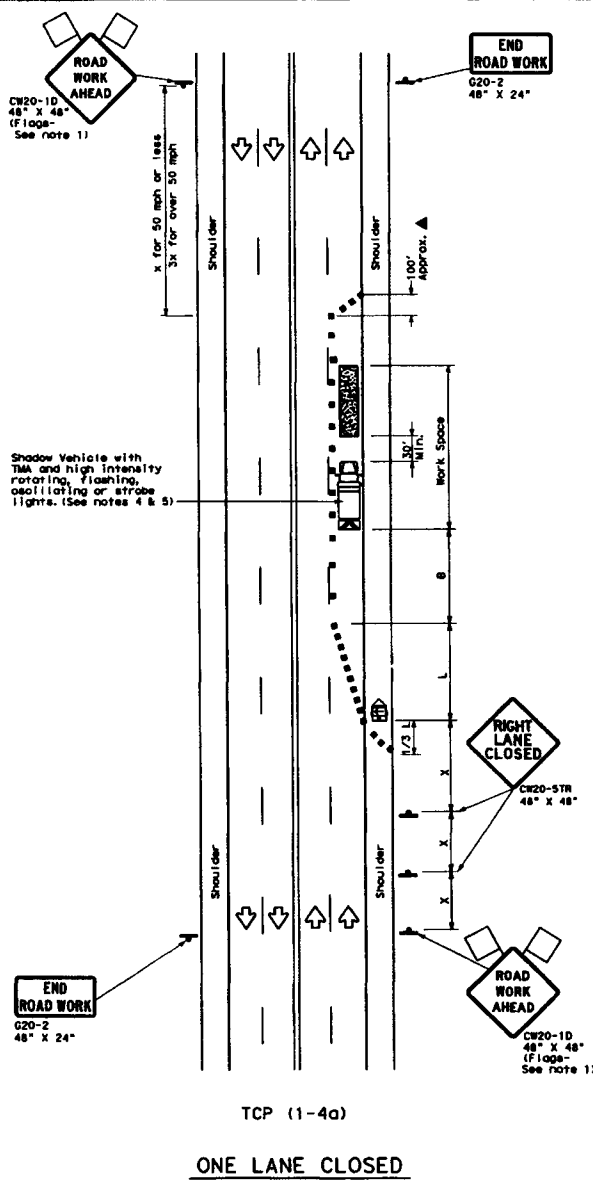
On this 27th day of February, 2018, Upon Motion of Commissioner Mayers, seconded by Commissioner Patterson, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Signature
By: Charles O. Ay
for County Engineer
N/A
By: _____
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.
Date Recorded 3-5-2018 Comm. Court No. 14K
Clerk of Commissioners Court
By: Kinda Willis
Deputy

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 design, construction or use of this standard or for incorrect results or damaged resulting from its use.

DATE FILE:



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 #X#			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing #	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

	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
MOBILE				
✓	✓	✓		

- 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 stored elsewhere in the plane, 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 over 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.

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.

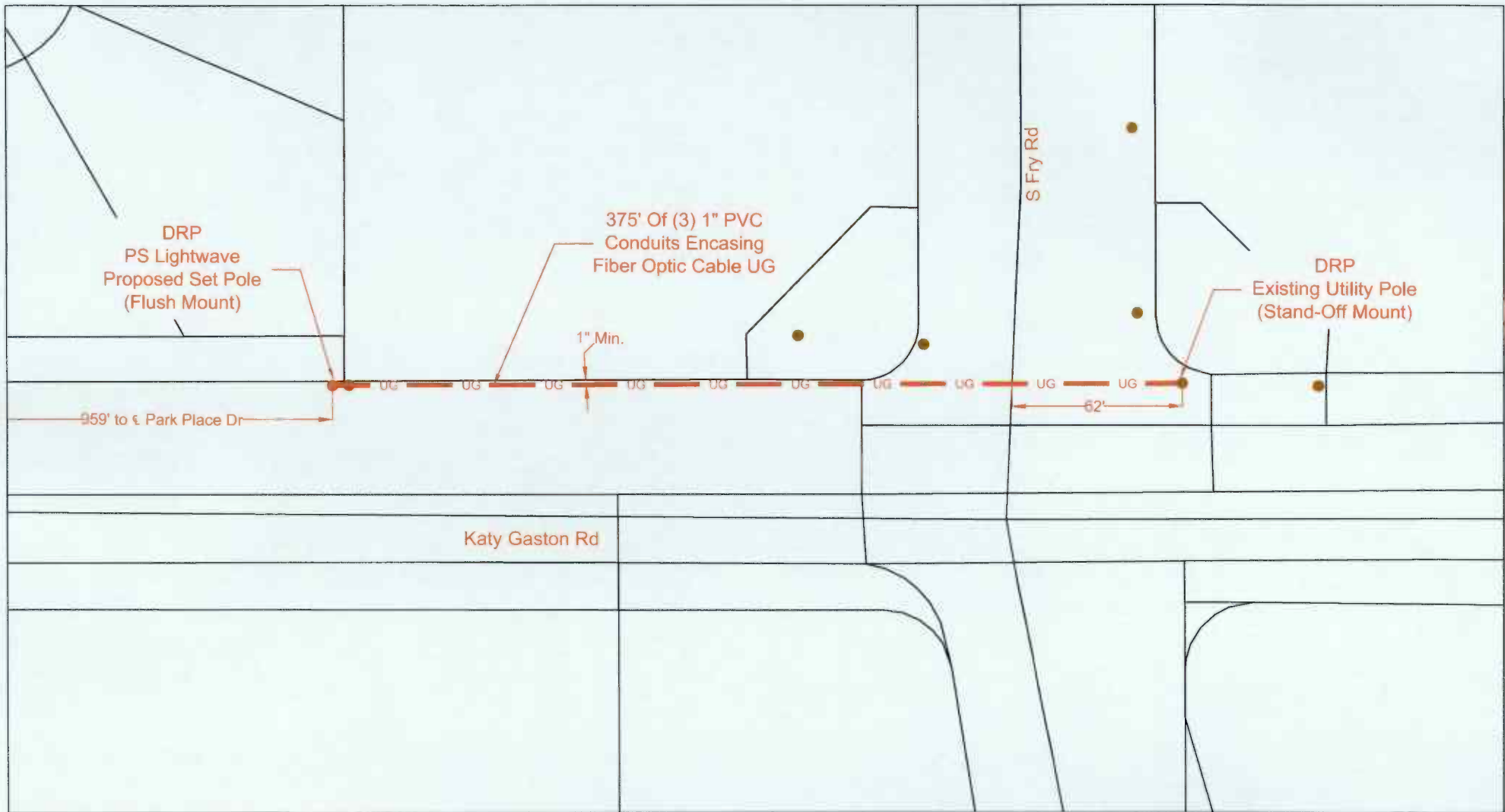
Texas Department of Transportation
 Traffic Operations Division

TRAFFIC CONTROL PLAN
LANE CLOSURES ON MULTILANE
CONVENTIONAL ROADS

TCP (1-4)-12

REVISED	DATE	BY	CHK	APP	CHK	APP
2-94	1-12					
1-97						
4-96						

154



LEGEND			
	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
	CATS CATS CABLE		RACK LOCATION
	PSLW SET POLE		EXISTING SET POLE
	EXISTING SET POLE		EXISTING UTILITY POLE
	PROPOSED PSLW VAULT (24"x36"24")		EXISTING VAULT
	PULLBOX		MDF LOCATION

LIGHTWAVE
PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE

SCALE: 1"=40'	REVISION#1: Rev#1	DATE: Rev#1 Date
PAGE: 1	REVISION#2: Rev#2	DATE: Rev#2 Date
OF: 3	REVISION#3: Rev#3	DATE: Rev#3 Date
	REVISION#4: Rev#4	DATE: Rev#4 Date

CUSTOMER ID: JOB# 10502-7811	
CUSTOMER: Notice Of Proposed Utility Installation	
ADDRESS: Katy Gaston Rd	
CITY/ZIP: Katy TX 77494	COUNTY: Fort Bend
TENANTS:	# OF FLOORS:
WOP# 100500	JOB#: 10502-7811
APPROVED BY:	DATE: 02/05/2018



LEGEND				
	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		MDF LOCATION
		PROPOSED CONDUIT		
		EXISTING CONDUIT		
	EMT	1.25" EMT		
	R/W	RIGHT-OF-WAY		
	EOP	EDGE-OF-PAVEMENT		
		FENCE		
		RACK LOCATION		

SCALE: 1"=40'
 PAGE: 2
 OF: 3

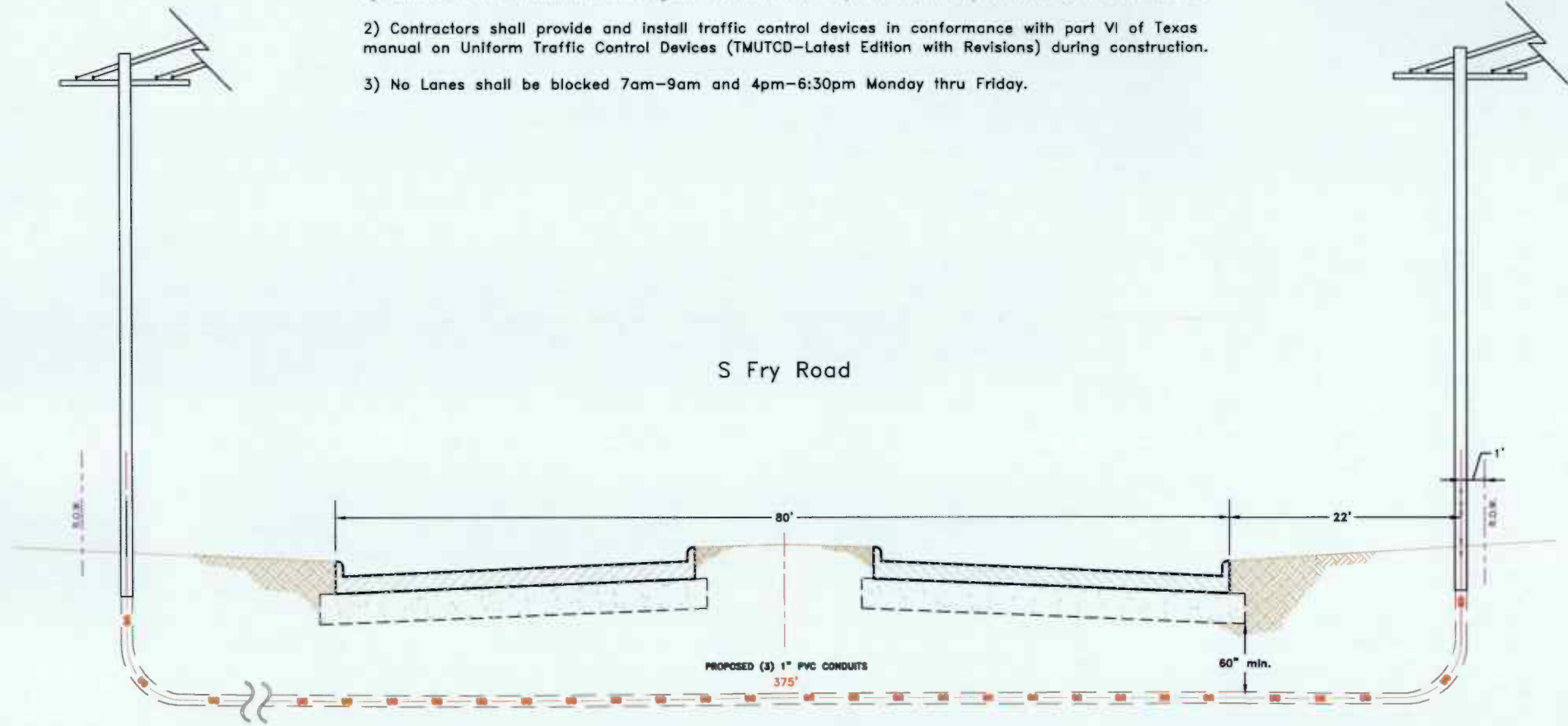
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 PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE

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

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CITY/ZIP: Katy TX 77494	COUNTY: Fort Bend
TENANTS:	# OF FLOORS:
W# 100500	JOB# 1000-1011
APPROVED BY:	DATE: 02/05/2018

General Notes:

- 1) Surface to be restored to its original condition in compliance with City of Mont Belvieu 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	
UG 3(1") PVC W/ F.O. CABLE	PROPOSED CONDUIT
UG 3(1.25") PVC W/ F.O. CABLE	EXISTING CONDUIT
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UG 1(4") HDPE W/ 3(1.25") PVC	R/W RIGHT-OF-WAY
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AIR AERIAL FIBER OPTIC CABLE	FENCE
CAT5 CAT5 CABLE	RACK LOCATION
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EXISTING UTILITY POLE	PROPOSED PSLW VAULT (24"x36"x24")
EXISTING VAULT	PULLBOX
MDF LOCATION	

LIGHTWAVE
PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE

SCALE: N.T.S.	REVISION#1: Rev1	DATE: Rev1 Date
PAGE: 3	REVISION#2: Rev2	DATE: Rev2 Date
OF: 3	REVISION#3: Rev3	DATE: Rev3 Date
	REVISION#4: Rev4	DATE: Rev4 Date

Job# 10502-7811			
Description: Notice Of Proposed Utility Installation			
ADDRESS: Katy Gaston Rd			
CITY/ZIP: Katy TX 77494		COUNTY: Fort Bend	
TENANTS:	# OF FLOORS:	DWG#:	KEY MAP: S24 D
WO# 100500	JOB# 10502-7811	DRAWN BY: P.E	DATE: 02/05/2018
APPROVED BY:	DATE:		