

**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: 2017-11649

Applicant: PS Light Wave, Inc

Job Location Site: Timothy Lane, Richmond, TX 77406

Bond No. [REDACTED] **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 7th day of February, 2017, Upon Motion of Commissioner Meyers, 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

Presented to Commissioners Court and approved.

By: Charles O. Ay
County Engineer

Date Recorded 2-14-17 Comm. Court No. 15U

By: N/A
Drainage District Engineer/Manager

Clerk of Commissioners Court
By: Arndy 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
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- Right of Way Permit
 Commercial Driveway Permit

Permit No: 2017-11649

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

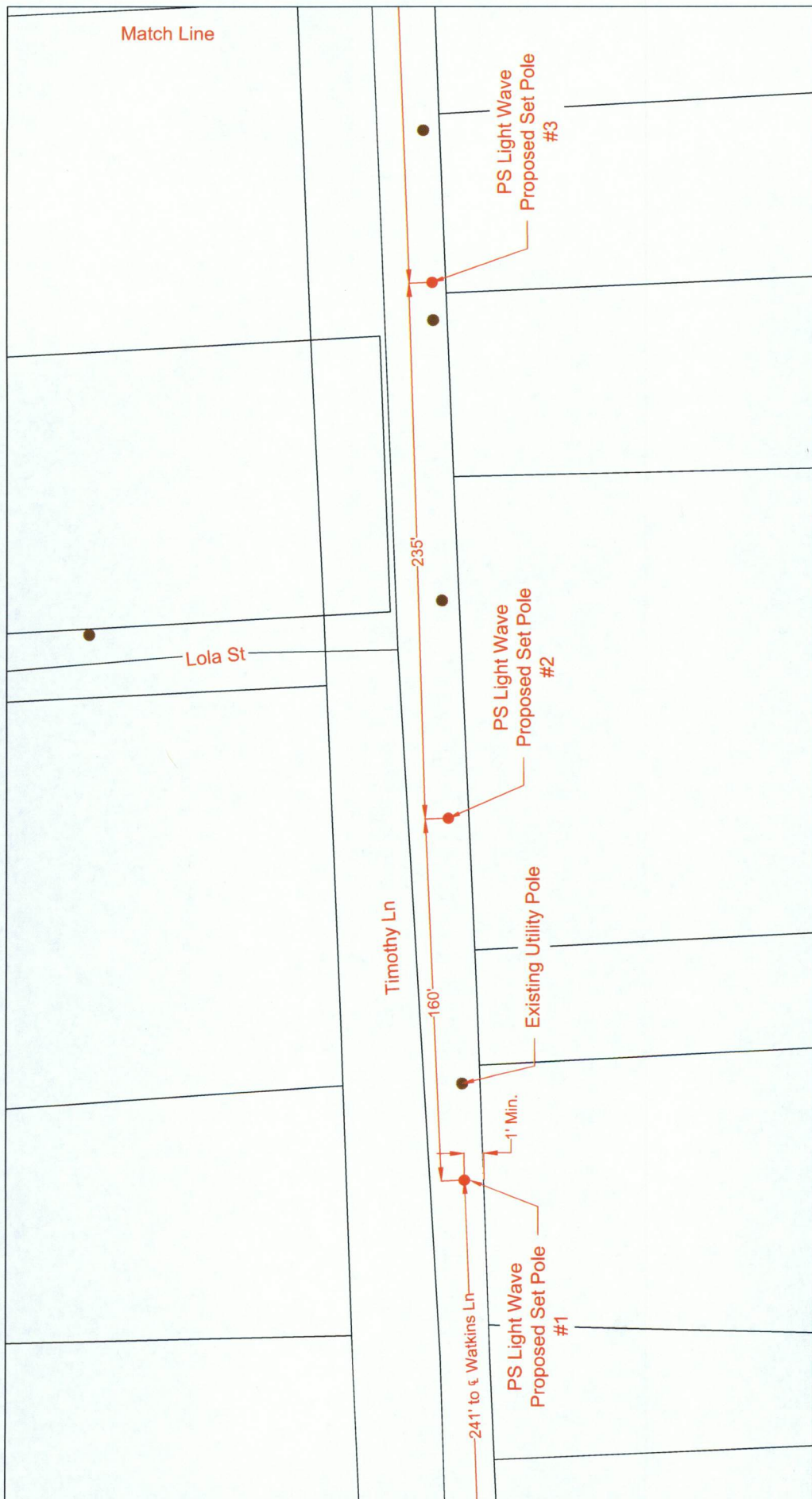
We have reviewed this project and agree it meets minimum requirements.

Charles O. Ay

Permit Administrator

11/31/17

Date



		CUSTOMER ID: JOB# 0616-816	
<small>PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE</small>		CUSTOMER: Notice Of Proposed Utility Installation	
ADDRESS: Timothy Ln		CITY/ZIP: Richmond, TX 77406	
REVISION#1: Ref#1		DATE: Ref#1 Date	
REVISION#2: Ref#2		DATE: Ref#2 Date	
REVISION#3: Ref#3		DATE: Ref#3 Date	
REVISION#4: Ref#4		DATE: Ref#4 Date	
SCALE: 1" = 40'		APPROVED BY:	
PAGE: 1		DATE:	
OF: 5		DATE:	

	PSLW SET POLE
	EXISTING SET POLE
	EXISTING UTILITY POLE
	PROPOSED PSLW VAULT (24"x36"x24")
	EXISTING VAULT
	PULLBOX
	MDF LOCATION

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

	3(1") HDPE W/ F.O. CABLE
	3(1.25") HDPE W/ F.O. CABLE
	1(2") HDPE W/ F.O. CABLE
	1(4") HDPE W/ 3(1.25") HDPE
	FLEX INNERDUCT
	AIR
	AERIAL FIBER OPTIC CABLE
	CAT5
	CAT5 CABLE

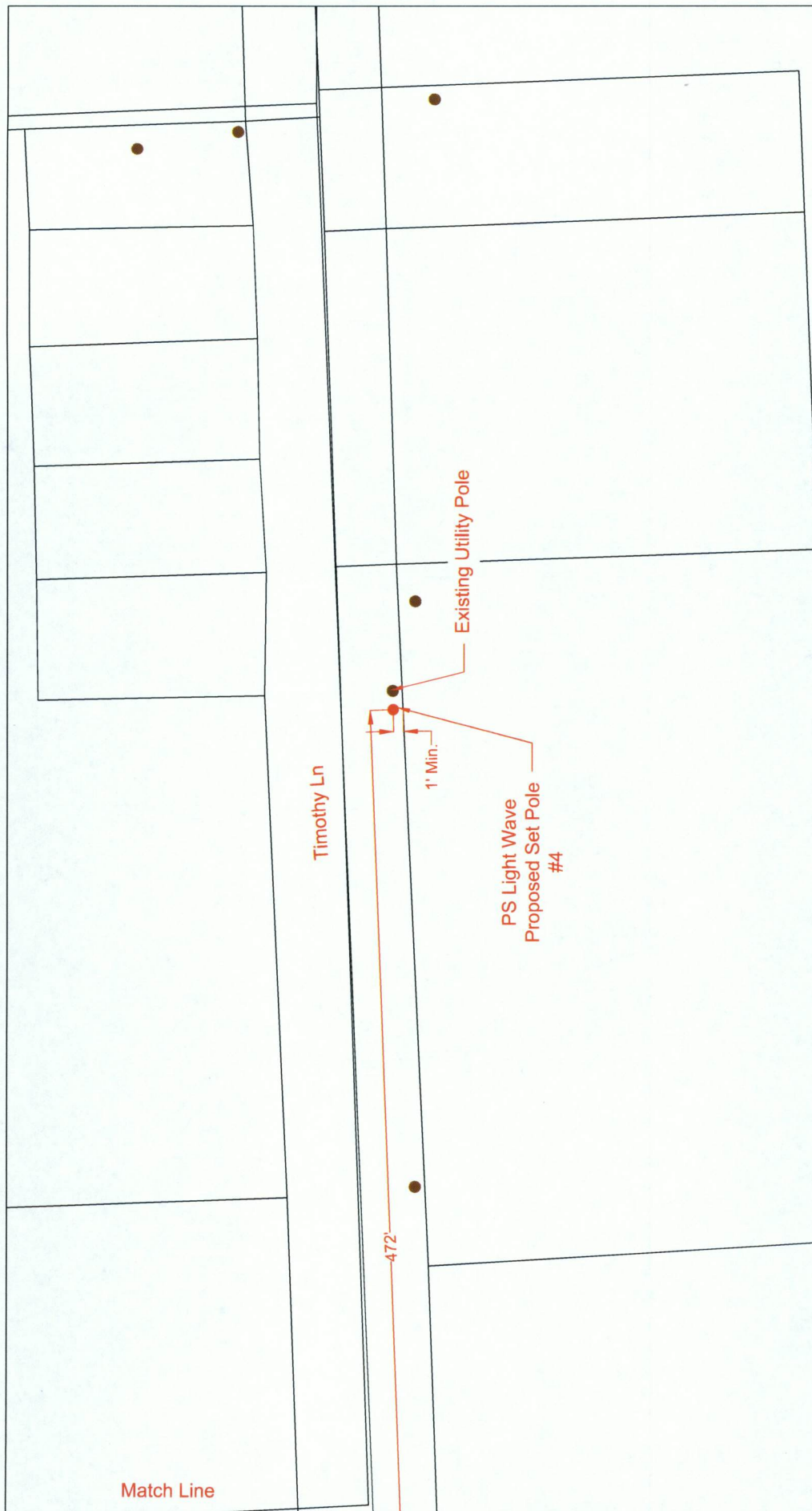


		CUSTOMER ID: JOB# 0616-816	
<small>PROPRIETARY INFORMATION - PROPERTY OF PSLIGHTWAVE</small>		CUSTOMER: Notice Of Proposed Utility Installation	
ADDRESS: Timothy Ln		CITY/ZIP: Richmond, TX 77406	
TENANTS:		COUNTY: Fort Bend	
WOF#: 90180		DWG#:	
JOB#: 816-816		# OF FLOORS:	
APPROVED BY:		KEY MAP: 566 F	
DATE:		DATE: 07/23/17	

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

SCALE: 1"=40'
PAGE: 2
OF: 5

PSLW SET POLE	PROPOSED CONDUIT	3(1") HDPE W/ F.O. CABLE
EXISTING SET POLE	EXISTING CONDUIT	3(1.25") HDPE W/ F.O. CABLE
EXISTING UTILITY POLE	EMT	1(2") HDPE W/ F.O. CABLE
PROPOSED PSLW VAULT (24" x 36" x 24")	R/W	1(4") HDPE W/ 3(1.25") HDPE
EXISTING VAULT	EDGE-OF-PAVEMENT	FLEX INNERDUCT
PULLBOX	FENCE	AERIAL FIBER OPTIC CABLE
MDF LOCATION	RACK LOCATION	CATS CABLE



LEGEND

	3(1") HDPE W/ F.O. CABLE		PSLW SET POLE
	3(1.25") HDPE W/ F.O. CABLE		EXISTING SET POLE
	1(2") HDPE W/ F.O. CABLE		EXISTING UTILITY POLE
	UG		PROPOSED PSLW VAULT (24' x 36' x 24")
	UG		EXISTING VAULT
	UG		PULLBOX
	1.25" EMT		MDF LOCATION
	EMT		
	R/W		
	EDGE-OF-PAVEMENT		
	EOP		
	FLEX INNERDUCT		
	AIR		
	AERIAL FIBER OPTIC CABLE		
	CATS CABLE		

Lightwave
PROPRIETARY INFORMATION - PROPERTY OF PSLIGHTWAVE

REVISION#1: Rev#1	DATE: Rev#1 Date	TENANTS:	CITY/ZIP: Richmond, TX 77406	COUNTY: Fort Bend
REVISION#2: Rev#2	DATE: Rev#2 Date	WOF: 90180	JOB#: 816-816	DWG#: RET MAP- 566 F
REVISION#3: Rev#3	DATE: Rev#3 Date	APPROVED BY:		DATE: 07/23/17
REVISION#4: Rev#4	DATE: Rev#4 Date			

SCALE: 1" = 40'
PAGE: 3 OF 5

CUSTOMER ID: JOB# 0616-816
CUSTOMER: Notice Of Proposed Utility Installation
ADDRESS: Timothy Ln



Match Line

Timothy Ln

Existing Utility Pole

PS Light Wave
Proposed Set Pole
#4

1' Min.

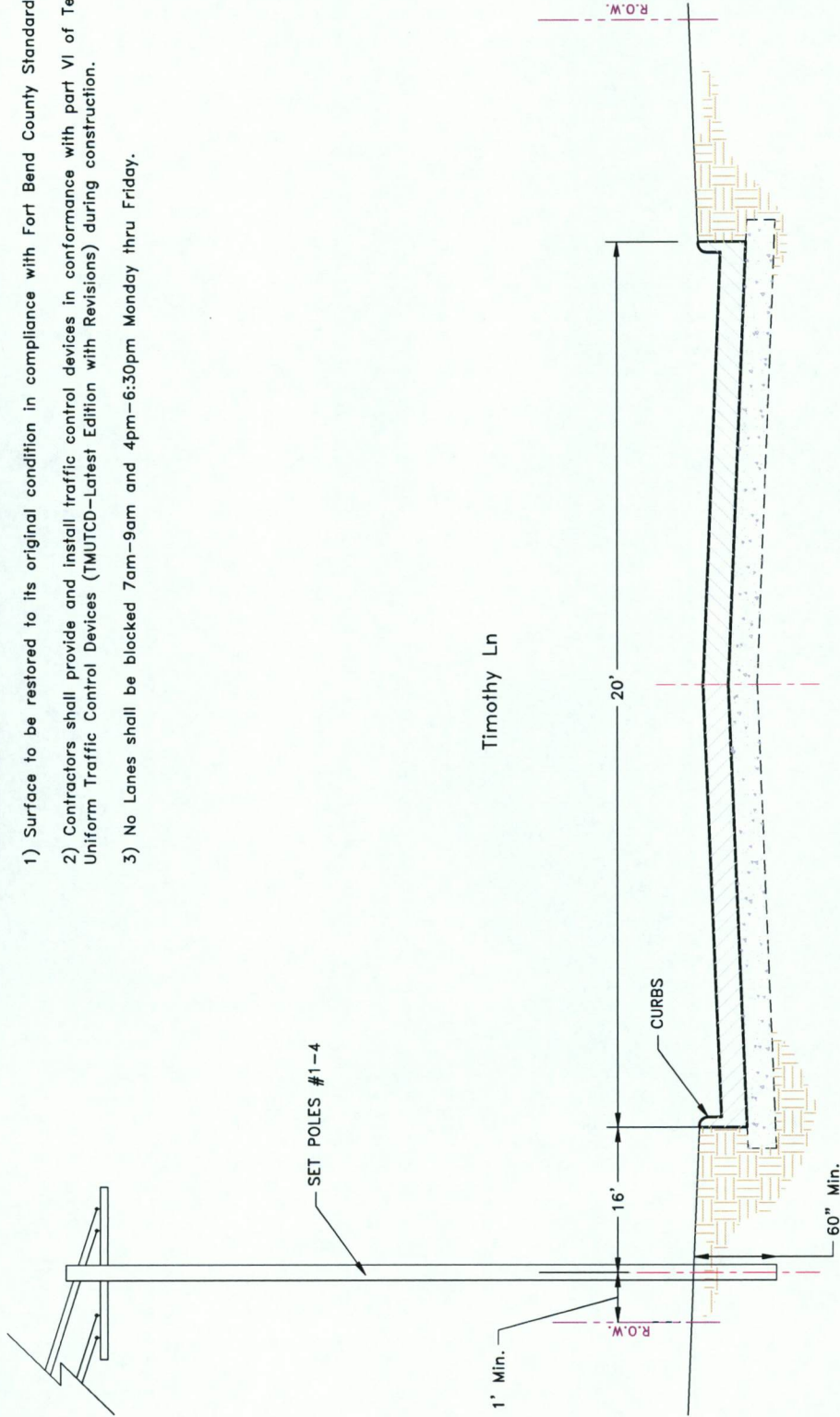
		CUSTOMER ID: JOB# 0616-816	
<small>PROPRIETARY INFORMATION - PROPERTY OF PSLIGHTWAVE</small>		CUSTOMER: Notice Of Proposed Utility Installation	
<small>REVISION#1: Rev#1</small>		ADDRESS: Timothy Ln	
<small>REVISION#2: Rev#2</small>		CITY/ZIP: Richmond, TX 77406	
<small>REVISION#3: Rev#3</small>		TENANTS:	
<small>REVISION#4: Rev#4</small>		COUNTY: Fort Bend	
SCALE: 1"=40'	DATE: Rev#1 Date	# OF FLOORS:	DWG#:
PAGE: 4	DATE: Rev#2 Date	JOB#: 0616-816	KEY MAP: 566 F
OF: 5	DATE: Rev#3 Date	APPROVED BY: P.E.	DATE: 01/23/17

LEGEND

- 3(1") HDPE W/ F.O. CABLE
- 3(1.25") HDPE W/ F.O. CABLE
- 1(2") HDPE W/ F.O. CABLE
- 1(4") HDPE W/ 3(1.25") HDPE
- FLEX INNERDUCT
- AIR
- AERIAL FIBER OPTIC CABLE
- CAT5
- CAT5 CABLE
- PROPOSED CONDUIT
- EXISTING CONDUIT
- 1.25" EMT
- EMT
- R/W
- 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
- MDE LOCATION

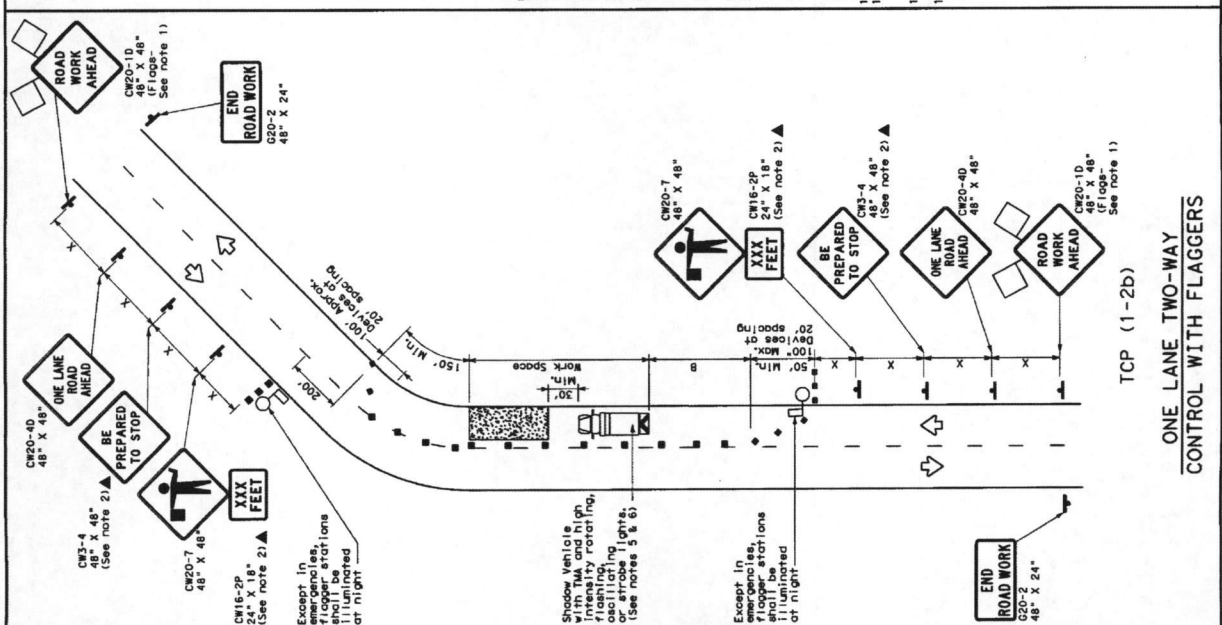
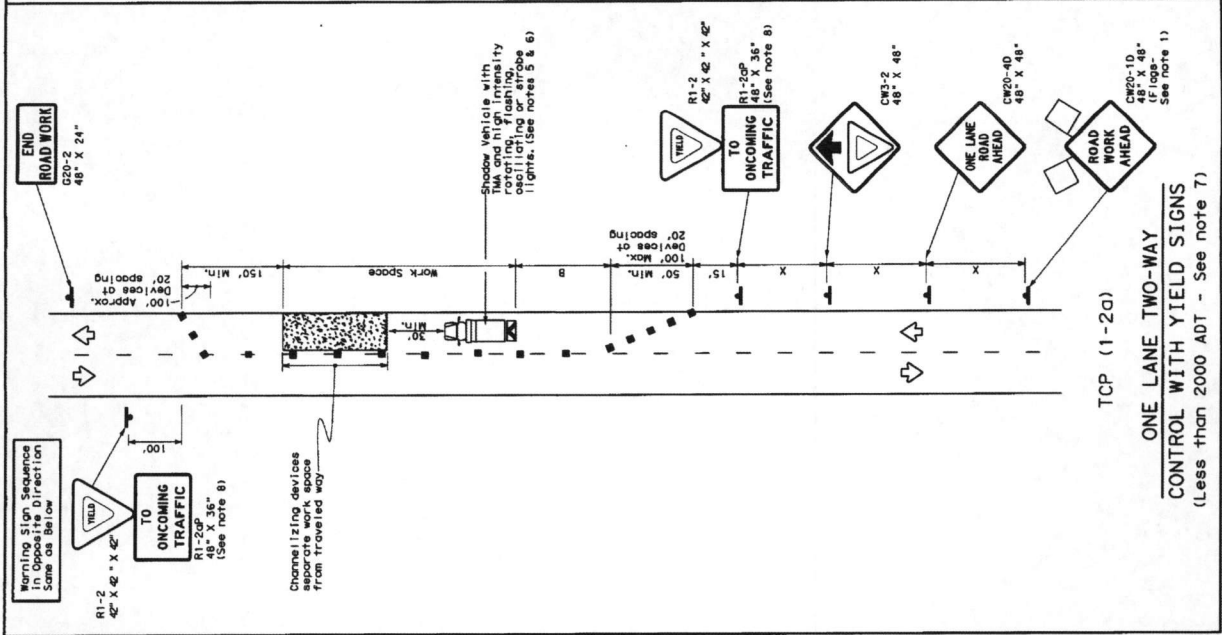
General Notes:

- 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 7am–9am and 4pm–6:30pm Monday thru Friday.



		Job# 0616-818 Description: Notice of Proposed Utility Installation ADDRESS: Timothy Ln CITY/ZIP: Richmond, TX 77406 COUNTY: Fort Bend STATE: TX DATE: 01/23/17	
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	# OF FLOORS: DWG#: DRAWN BY: PE DATE:	SCALE: N.T.S. PAGE: 3 OF: 3	PSLW SET POLE EXISTING SET POLE EXISTING UTILITY POLE PROPOSED PSLW VAULT (24"x36"x24") EXISTING VAULT PULLBOX MDF LOCATION
PROPOSED CONDUIT EXISTING CONDUIT 1.25" EMT R/W EDGE-OF-PAVEMENT FENCE RACK LOCATION	3(1") PVC W/ F.O. CABLE 3(1.25") PVC W/ F.O. CABLE 1(2") PVC W/ F.O. CABLE 1(4") HDPE W/ 3(1.25")PVC FLEX INNERDUCT AERIAL FIBER OPTIC CABLE CAT5 CABLE	LEGEND [Symbol] PROPOSED CONDUIT [Symbol] EXISTING CONDUIT [Symbol] 1.25" EMT [Symbol] R/W [Symbol] EDGE-OF-PAVEMENT [Symbol] FENCE [Symbol] RACK LOCATION	[Symbol] PSLW SET POLE [Symbol] EXISTING SET POLE [Symbol] EXISTING UTILITY POLE [Symbol] PROPOSED PSLW VAULT (24"x36"x24") [Symbol] EXISTING VAULT [Symbol] PULLBOX [Symbol] MDF LOCATION

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LEGEND

Type 3 Barricade	Channelizing Devices
Truck Mounted Attenuator (TMA)	Truck Mounted Attenuator (TMA)
Portable Changeable Message Sign (PCMS)	Portable Changeable Message Sign (PCMS)
Traffic Flow	Traffic Flow
Flagger	Flagger

Posted Speed * (mi/hr)	Minimum Spacing of Signposts (ft)	Suggested Maximum Spacing of Signposts (ft)	Minimum Spacing of Signposts (ft)	Suggested Maximum Spacing of Signposts (ft)	Stopping Distance (ft)	
30	150	185	30	60	120	200
35	205	225	35	70	150	250
40	265	295	40	80	240	305
45	450	495	45	90	320	355
50	550	595	50	100	400	425
55	650	695	55	110	500	495
60	800	860	60	120	600	570
65	950	1010	65	130	700	645
70	1100	1170	70	140	800	730
75	1300	1425	75	150	900	820

* Conventional Roads Only
** Taper lengths have been rounded off.
L=Length of taper (ft) S=Spacing of feet (ft) S-Posted Speed(mi/h)

TYPICAL USAGE

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

GENERAL NOTES

1. Flaggings should be used on projects with approaches that have adequate sight distances. 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 ADT, work spaces should be no longer than 400 feet.
2. Flaggings should be used on projects with approaches that have adequate sight distances. 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 ADT, work spaces should be no longer than 400 feet.
3. The CW3-4 "BE PREPARED TO STOP" sign may be installed after the CW20-40 "ONE LANE ROAD AHEAD" sign, but proper sign spacing shall be maintained.
4. Sign spacing may be increased or an additional CW20-10 "ROAD WORK AHEAD" sign may be used to increase the length of the flagging or R1-2 "YIELD" sign spacing to 100 or 150 feet.
5. Spacing of signs should be increased in the area of a curve or other condition that affects the 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 should be used to protect the work area.
6. Additional Shadow Vehicles with TMA may be positioned off the paved surface, next to those shown in order to protect wider work spaces.

TCP (1-2a)

7. R1-2 "YIELD" sign traffic control may be used on projects with approaches that have adequate sight distances. 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 ADT, work spaces should be no longer than 400 feet.
8. Flaggings should be used on projects with approaches that have adequate sight distances. 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 ADT, work spaces should be no longer than 400 feet.

TCP (1-2b)

9. Flaggings should use the sign post or other methods of communication to control traffic.
10. If the work space is located near a horizontal or vertical curve, the barrier distance should be increased in order to maintain adequate stopping sight distance to the flagger and a queue of stopped vehicles (see table above).
11. Flaggings should use 24" STOP/SLOW paddles to control traffic. Flaggings should be limited to emergency situations.

FOR CONSTRUCTION OR MAINTENANCE CONTRACT WORK, SPECIFIC PROJECT REQUIREMENTS OR SPECIAL CONDITIONS SHOULD BE FOUND IN THE PROJECT GENERAL NOTES.

Texas Department of Transportation
Traffic Operations Division

TRAFFIC CONTROL PLAN
ONE-LANE TWO-WAY
TRAFFIC CONTROL

TCP (1-2) - 12

DATE: 1-12-11	DESIGNER: J. B. BROWN	CHECKER: J. B. BROWN	DATE: 1-12-11
PROJECT: 1-12-11	PROJECT: 1-12-11	PROJECT: 1-12-11	PROJECT: 1-12-11
PROJECT: 1-12-11	PROJECT: 1-12-11	PROJECT: 1-12-11	PROJECT: 1-12-11

