



**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: 2017-12157

Applicant: PS Light Wave, Inc.

Job Location Site: Bissonnet Street, 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.

On this 14th day of March, 2017, Upon Motion of Commissioner Meyers, seconded by Commissioner Morales, 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: C. Andy O. Ay
County Engineer

Date Recorded 3-16-2017 Comm. Court No. 11G

By: N/A
Drainage District Engineer/Manager

Clerk of Commissioners Court
By: Andrea Willes
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: 2017-12157

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.

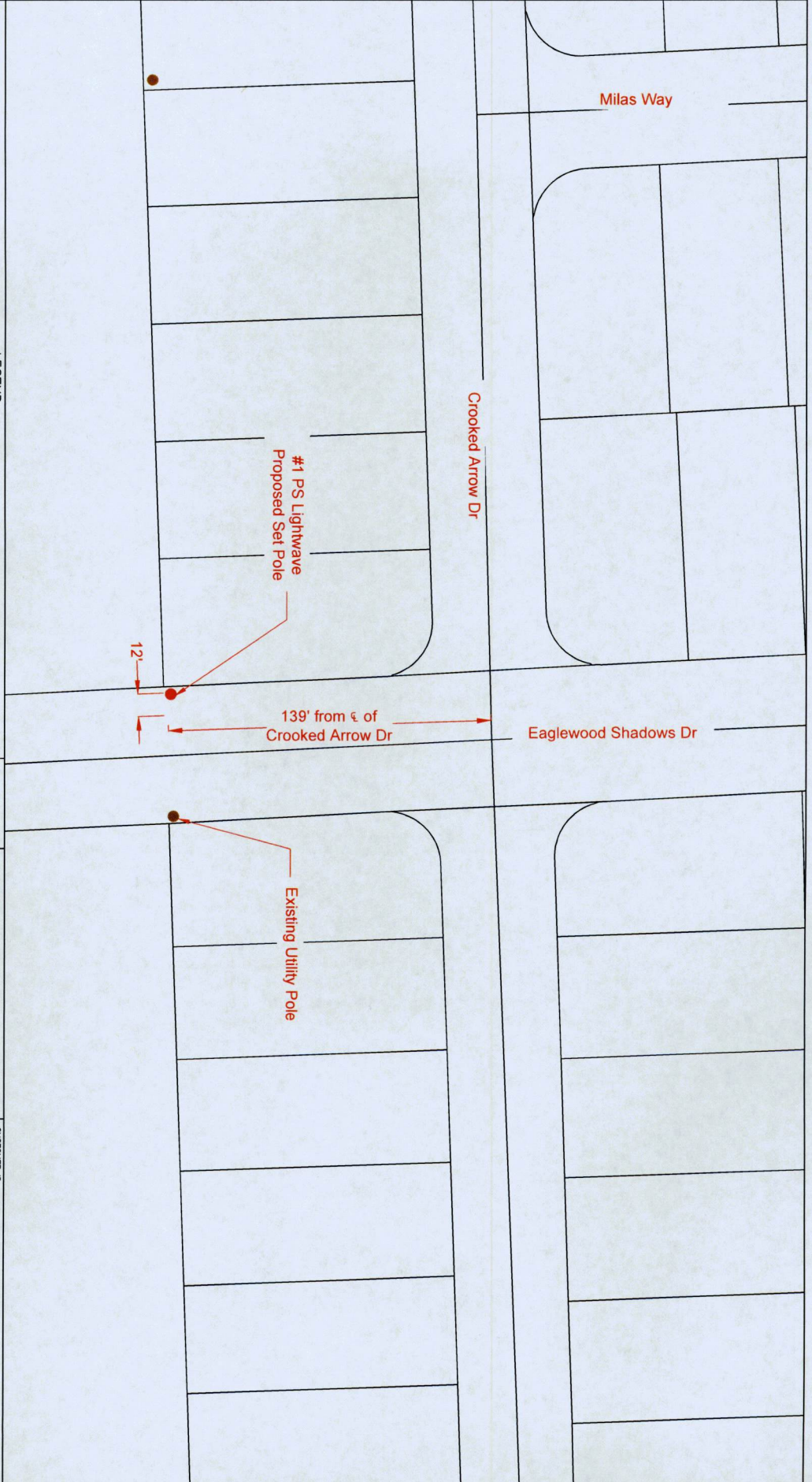
Charity O. AJ

Permit Administrator

3/6/17

Date

LEGEND	
	3(1") HOPE W/ F.O. CABLE
	3(1.25") HOPE W/ F.O. CABLE
	1(2") HOPE W/ F.O. CABLE
	1(4") HOPE W/ 3(1.25")HOPE
	FLEX INNERDUCT
	AERIAL FIBER OPTIC CABLE
	CATS
	PROPOSED CONDUIT
	EXISTING CONDUIT
	1.25" EMT
	R/W
	EDGE-OF-PAVEMENT
	FENCE
	PSLW SET POLE
	EXISTING SET POLE
	PROPOSED PSLW VAULT (24"x36"x24")
	EXISTING VAULT
	PULLBOX
	MDF LOCATION



PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE	
CUSTOMER ID: JOB# 0616-842 PLW	CUSTOMER: Notice of Proposed Utility Installation
ADDRESS: Esplanade near Bissonnet St	CITY/ZIP: Houston, TX 77083
COUNTY: Fort Bend	COUNTY: Fort Bend
DATE: Rev#1 Date	DATE: Rev#2 Date
DATE: Rev#3 Date	DATE: Rev#4 Date
REVISION#1: Rev#1	REVISION#2: Rev#2
REVISION#3: Rev#3	REVISION#4: Rev#4
SCALE: 1"=40'	PAGE: 1
OF: 9	APPROVED BY:
WJ# 9175	JOB# 0616-842
DATE:	DRAWN BY: GC
DATE: 02/15/17	DATE: 02/15/17



LEGEND

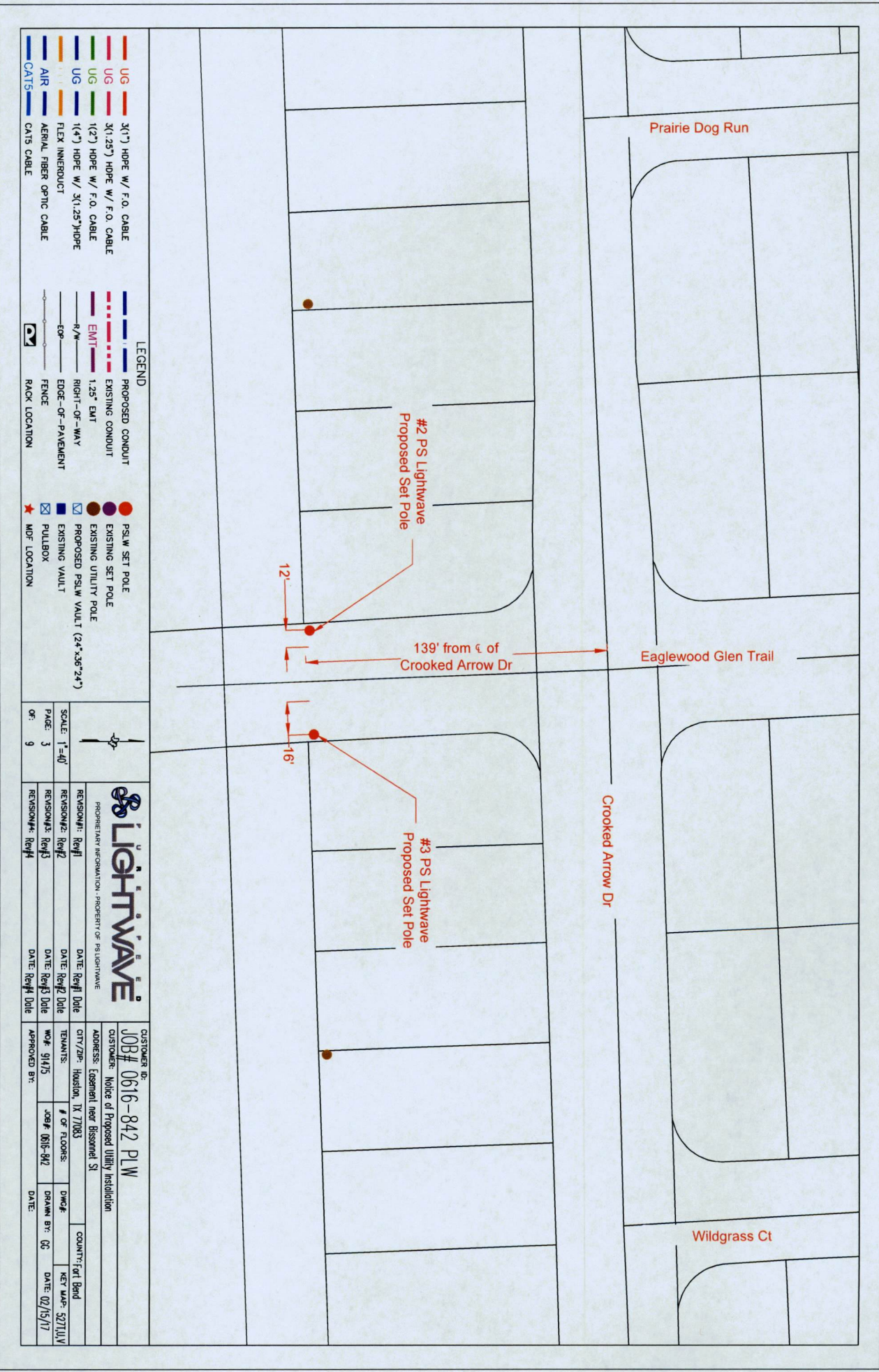
	UG	3(1") HDPE W/ F.O. CABLE		PROPOSED CONDUIT
	UG	3(1.25") HDPE W/ F.O. CABLE		EXISTING CONDUIT
	UG	1(2") HDPE W/ F.O. CABLE		1.25" EMT
	UG	1(4") HDPE W/ 3(1.25") HDPE		R/W
	UG	1(4") HDPE W/ 3(1.25") HDPE		EDGE-OF-PAVEMENT
	AIR	FLEX INNERBOUT		EDGE-OF-PAVEMENT
	AIR	AERIAL FIBER OPTIC CABLE		FENCE
	CATS	CATS CABLE		RACK LOCATION

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

SCALE: 1"=40'	
PAGE: 2	
OF: 9	

	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# 0616-842 PLW
CUSTOMER:	Notice of Proposed Utility Installation
ADDRESS:	Edgemont near Bissman St
CITY/ZIP:	Houston, TX 77063
TENANTS:	
WOF# 914/5	JOB# 1016-942
APPROVED BY:	
DWG#	
DRAWN BY: QS	DATE: 02/15/17
COUNTRY: Fort Bend	
KEY MAP: 5271UY	



LEGEND

	3(1") HOPE W/ F.O. CABLE		PROPOSED CONDUIT
	3(1.25") HOPE W/ F.O. CABLE		EXISTING CONDUIT
	1(2") HOPE W/ F.O. CABLE		1.25" EMT
	1(4") HOPE W/ 3(1.25")HOPE		RIGHT-OF-WAY
	FLEX INNERDUCT		EDGE-OF-PAVEMENT
	AERIAL FIBER OPTIC CABLE		FENCE
	CATS CABLE		RACK LOCATION

	PSLW SET POLE
	EXISTING SET POLE
	PROPOSED PS/W VAULT (24"x36"x24")
	EXISTING VAULT
	PULLBOX
	MDF LOCATION

SCALE: 1"=40'	
PAGE: 3	
OF: 9	

	PROPRIETARY INFORMATION - PROPERTY OF PSLIGHTWAVE
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# 0616-842 PLW
CUSTOMER:	Notice of Proposed Utility Installation
ADDRESS:	Edgemont near Bissonnet St
CITY/ZIP:	Houston, TX 77063
TENANTS:	
WOP#:	94475
JOB#:	0616-842
# OF FLOORS:	
DWG#:	
COUNTRY:	USA
KEY MAP:	52711LV
DATE:	02/15/17
APPROVED BY:	



LEGEND

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















PS LIGHTWAVE
 PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE








REVISION#1: Rev#1	DATE: Rev#1 Date	CITY/ZIP: Houston, TX 77063	TELEPHONE: 914/75	JOB#: 0616-842	DRAWN BY: GC	DATE: 02/15/17
REVISION#2: Rev#2	DATE: Rev#2 Date	WOP: 914/75	APPROVED BY:	DATE:		
REVISION#3: Rev#3	DATE: Rev#3 Date					
REVISION#4: Rev#4	DATE: Rev#4 Date					

SCALE: 1"=40'
 PAGE: 4 OF: 9

CUSTOMER ID: JOB# 0616-842 PLW
 CUSTOMER: Notice of Proposed Utility Installation
 ADDRESS: Edgemont near Bissonnet St

LEGEND

	UG	3x(1") HOPE W/ F.O. CABLE		PROPOSED CONDUIT
	UG	3x(1.25") HOPE W/ F.O. CABLE		EXISTING CONDUIT
	UG	1(2") HOPE W/ F.O. CABLE		1.25" EMT
	UG	1(4") HOPE W/ 3x(1.25")HOPE		R/W
	UG	FLEX INNERDUCT		EDGE-OF-PAVEMENT
	AIR	AERIAL FIBER OPTIC CABLE		FENCE
	CATS	CATS CABLE		RACK LOCATION

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

	SCALE: 1"=40'
PAGE: 5	OF: 9

	PROPRIETARY INFORMATION - PROPERTY OF PSLIGHTWAVE
REVISION#1: Rev1	DATE: Rev1 Date
REVISION#2: Rev2	DATE: Rev2 Date
REVISION#3: Rev3	DATE: Rev3 Date
REVISION#4: Rev4	DATE: Rev4 Date

CUSTOMER ID:	JOB# 0616-842 PLW
CUSTOMER:	Notice of Proposed Utility Installation
ADDRESS:	Eastman near Bissanel St
CITY/ZIP:	Houston, TX 77083
TENANTS:	
# OF FLOORS:	
WCF:	9/1/15
JOB#:	0616-842
DWG#:	
DRAWN BY:	GC
DATE:	02/15/17
APPROVED BY:	





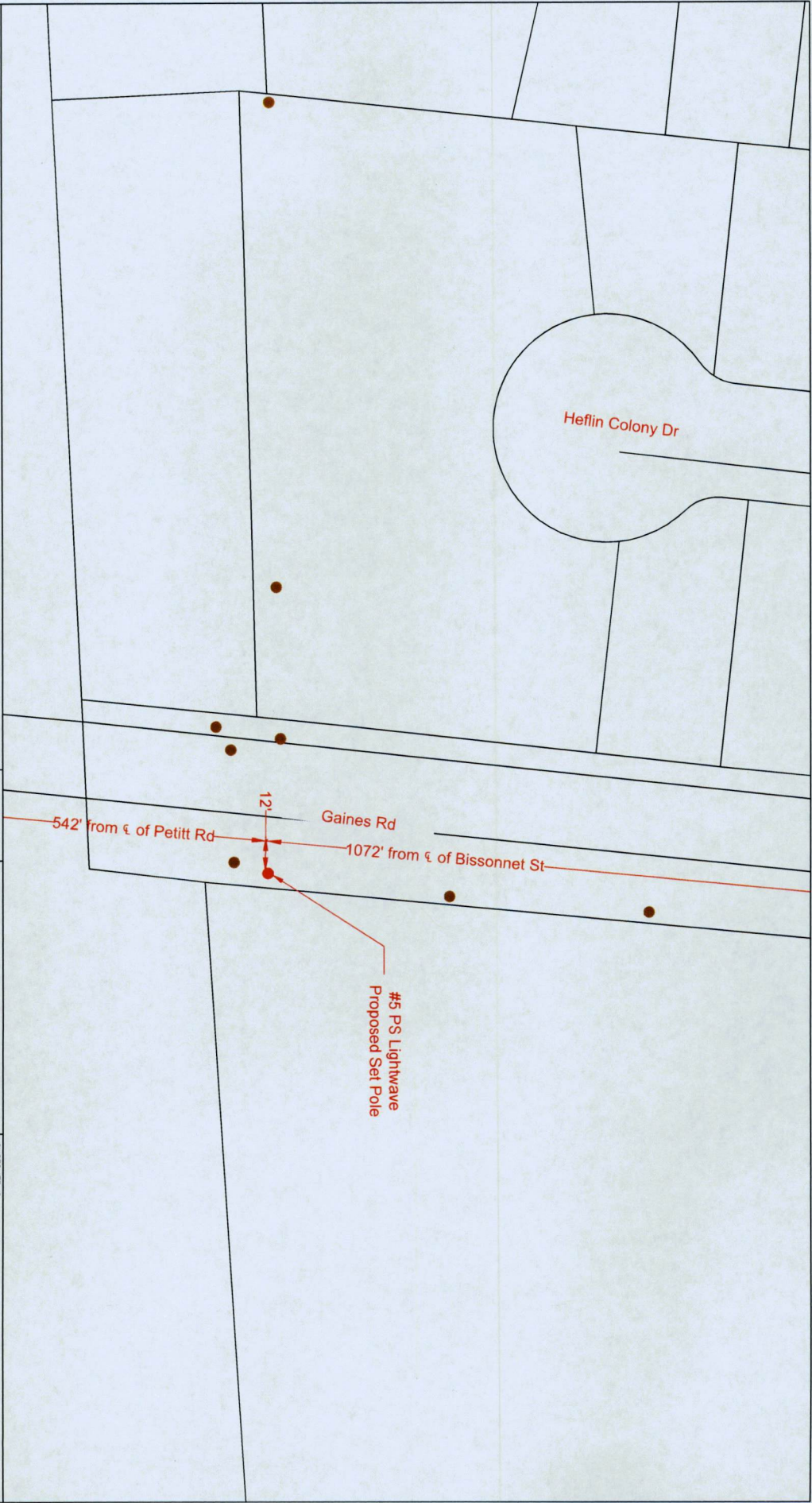
LEGEND

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

SCALE: 1"=40'	PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE	PS LIGHTWAVE	CUSTOMER ID:	JOB# 0616-842 PLW
PAGE: 6	REVISION#1: Rev1	DATE: Rev1 Date	CITY/ZIP:	Houston, TX 77063
OF: 9	REVISION#2: Rev2	DATE: Rev2 Date	TENANTS:	# OF FLOORS: 03
	REVISION#3: Rev3	DATE: Rev3 Date	WCF: 9/1/15	JOB#: 0616-842
	REVISION#4: Rev4	DATE: Rev4 Date	APPROVED BY:	DATE:
			ADDRESS: Easment near Bissonnet St	COUNTRY: Fort Bend
				KEY MAP: 92711W
				DATE: 02/15/17

LEGEND

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



SCALE: 1"=40'	OF: 9	<p>PROPRIETARY INFORMATION - PROPERTY OF LIGHTWAVE</p>	CUSTOMER ID:	0616-842 PLW	
REVISION 1: Rev#1	DATE: Rev#1 Date		CUSTOMER:	Notice of Proposed Utility Installation	
REVISION 2: Rev#2	DATE: Rev#2 Date		ADDRESS:	Esmerald near Bissonnet St	
REVISION 3: Rev#3	DATE: Rev#3 Date		CITY/ZIP:	Houston, TX 77063	
REVISION 4: Rev#4	DATE: Rev#4 Date	TENANTS:		COUNTY: Fort Bend	
		WSP#: 914/5	# OF FLOORS:	0616-842	KEY MAP: 527111V
		APPROVED BY:		DATE:	02/15/17



LEGEND

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

SCALE: 1"=40'
 PAGE: 8
 OF: 9

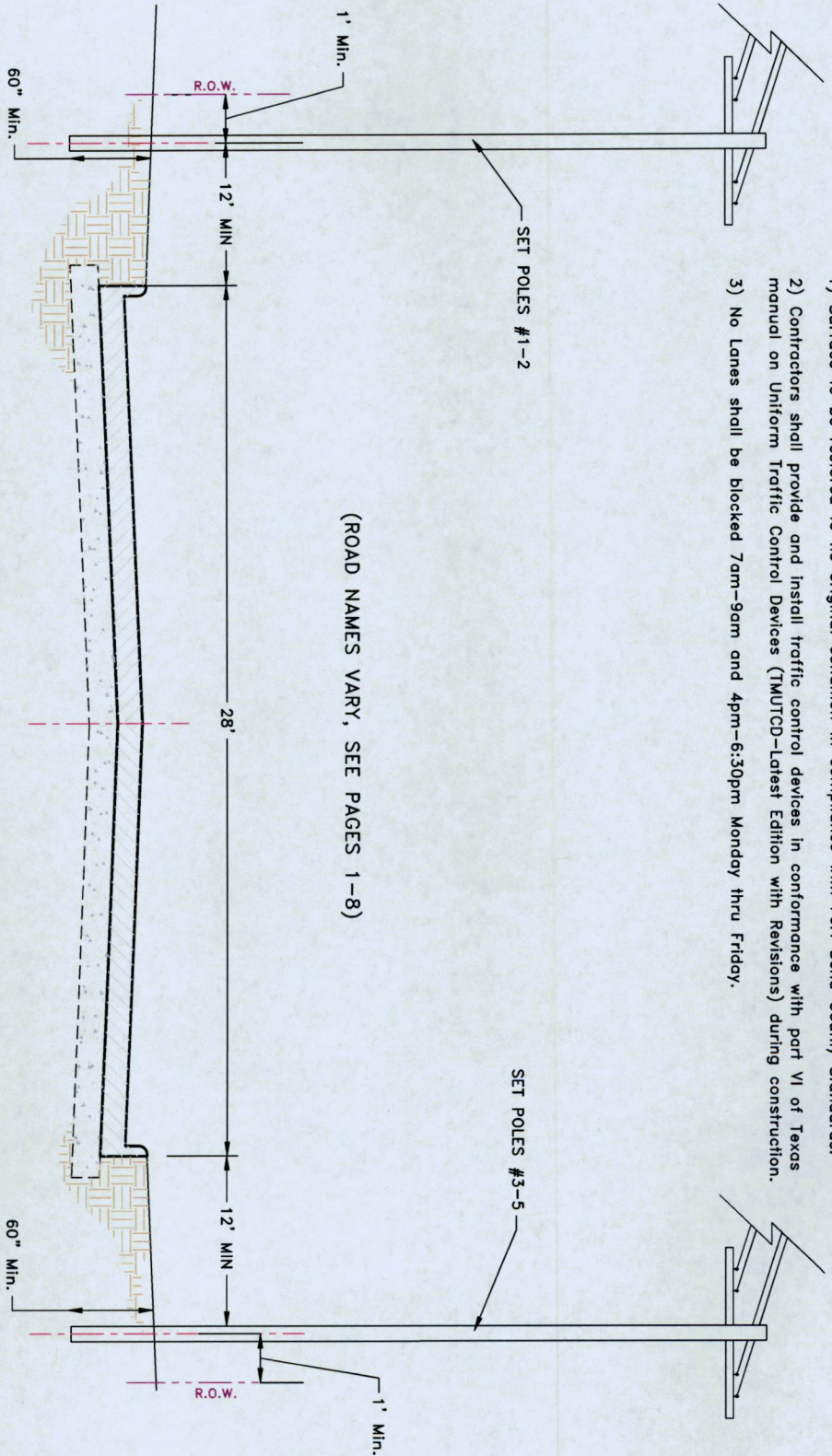
PROPRIETARY INFORMATION - PROPERTY OF PSLIGHTWAVE

REVISION#1	REV1	DATE: REV1 DATE
REVISION#2	REV2	DATE: REV2 DATE
REVISION#3	REV3	DATE: REV3 DATE
REVISION#4	REV4	DATE: REV4 DATE

CUSTOMER ID:		JOB# 0616-842 PLW	
CUSTOMER: Notice of Proposed Utility Installation			
ADDRESS: Essment near Bissonnet St			
CITY/ZIP:	HOUSTON, TX 77083	COUNTRY:	USA
TENANTS:		KEY MAP:	50711LV
WO#:	9175	JOB#:	0616-842
APPROVED BY:		DRAWN BY:	CS
		DATE:	02/15/17

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.



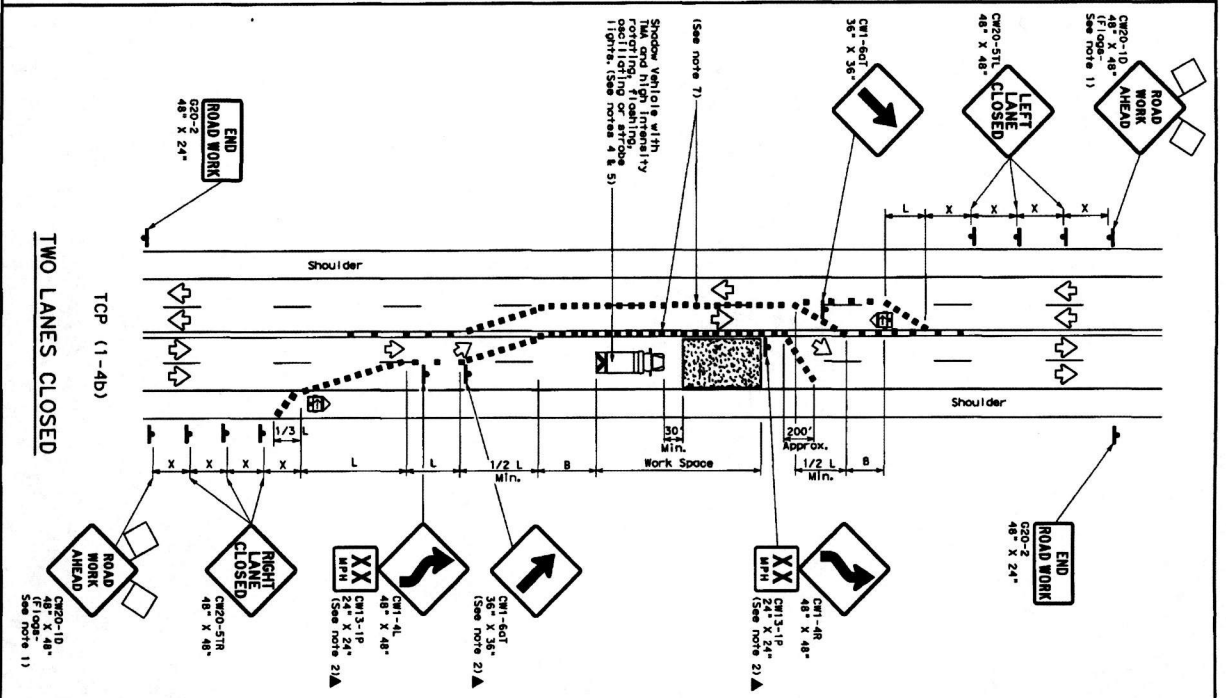
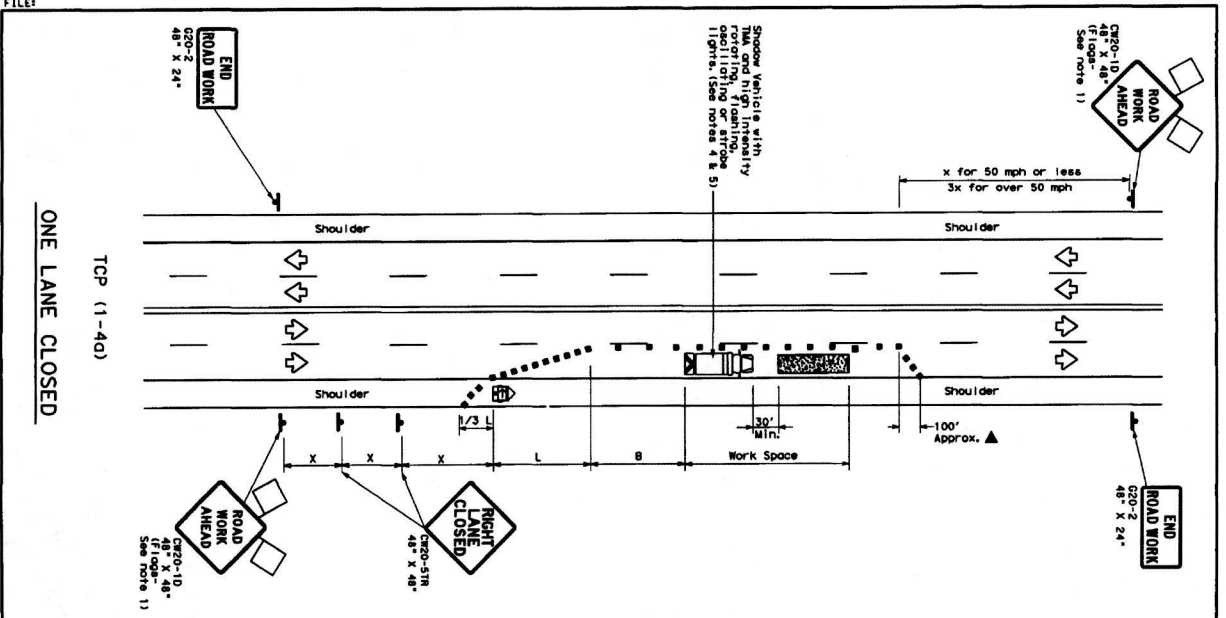
(ROAD NAMES VARY, SEE PAGES 1-8)

LEGEND

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

				Job# JOB# 0616-842 PLW	
PROPRIETARY INFORMATION - PROPERTY OF LIGHTWAVE				Description: Notice of Proposed Utility Installation	
REVISION#1: Rev#1	DATE: Rev#1 Date	CITY/ZIP: Houston, TX 77083	TECHNITS:	# OF FLOORS:	COUNTRY: Fort Bend
REVISION#2: Rev#2	DATE: Rev#2 Date	WQ#: 9/1/75	JOB#: 0616-842	DWG#:	KEY MAP: 52711W
REVISION#3: Rev#3	DATE: Rev#3 Date	APPROVED BY:	DATE:	DRAWN BY: GS	DATE: 02/15/17
REVISION#4: Rev#4	DATE: Rev#4 Date				
SCALE: N.T.S.	PAGE: 9	OF: 9			

DATE: FILE:



LEGEND

Type 3 Barricade	Channelizing Devices
Heavy Work Vehicle	Truck Mounted Attenuator (TMA)
Trailer Mounted Portable Flagger Board	Portable Changeable Message Sign (PCMS)
Sign	Traffic Flow
Flag	Flagger

GENERAL NOTES

- Flagger directed to a sign where shown are REQUIRED.
- Flagger shall be positioned on the shoulder of the road or in the work zone, next to those devices with the "Flagger" symbol may be used.
- The "ROAD WORK AHEAD" sign may be reported if the visibility of the work zone is less than 1500 feet. It can be positioned 30 to 100 feet in advance of the work zone, if workers without adequately 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.
- Additional Speeder Vehicles with TMA may be positioned off the road 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, "RIGHT 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 in the arrow panel placed in the closed lane near the end of the tapering taper.

TCP (1-4b)

- Where traffic is directed over a yellow centerline, channelizing devices which separate two-way traffic should be spaced on tapers of 20' or 15' if posted speeds are 35 mph or slower, and for taper lengths of 1/5 for the area of channelizing devices, use the 1/5 taper work zone.

FOR APPLICATION OF CONTRACTORS OR MAINTENANCE PERSONNEL TO BE USED FOR ROAD WORK VEHICLES TO BE FOUND IN GENERAL NOTES FOR ITEM 502, "ROAD WORK AHEAD" SIGN.

Texas Department of Transportation
Traffic Operations Division

TRAFFIC CONTROL PLAN
LANE CLOSURES ON MULTILANE
CONVENTIONAL ROADS
TCP (1-4) -12

© TxDOT December 1985

2-94	1-12	CONTRACT NO.	CONTRACT DATE	CONTRACT VALUE	CONTRACT NO.
4-94	1-12	DATE	DATE	AMOUNT	DATE
4-94	1-12	COUNT	COUNT	AMOUNT	DATE

* Conventional Roads Only
* Taper lengths have been rounded off.
L=Length of Taper (FT) W=Width of Offset (FT) S=Posted Speed (MPH)

Posted Speed	Formula	Minimum Taper Length (ft)	Minimum Spacing of Channelizing Devices (ft)	Minimum Spacing of Traffic Flow (ft)	Minimum Suggested Length of Taper (ft)
30	W-S	107	11'	12'	120'
35	W-S	157	16'	17'	180'
40	W-S	207	21'	22'	240'
45	W-S	257	26'	27'	300'
50	W-S	307	31'	32'	360'
55	W-S	357	36'	37'	420'
60	W-S	407	41'	42'	480'
65	W-S	457	46'	47'	540'
70	W-S	507	51'	52'	600'
75	W-S	557	56'	57'	660'

TYPICAL USAGE

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