

**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: 2017-11393

**Applicant:** PS Light Wave, Inc

**Job Location Site:** Harvest Corner Drive, 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 24th day of January, 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: Charles O. Ay  
for County Engineer

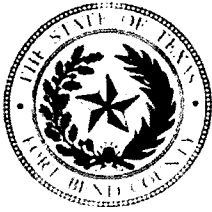
Date Recorded 2-1-17 Comm. Court No. 150

By: N/A

Drainage District Engineer/Manager

Clerk of Commissioners Court

By: Ardis Wallis  
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@fortbendcountytexas.gov

- ☒ Right of Way Permit  
☐ Commercial Driveway Permit

Permit No: 2017-11393

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

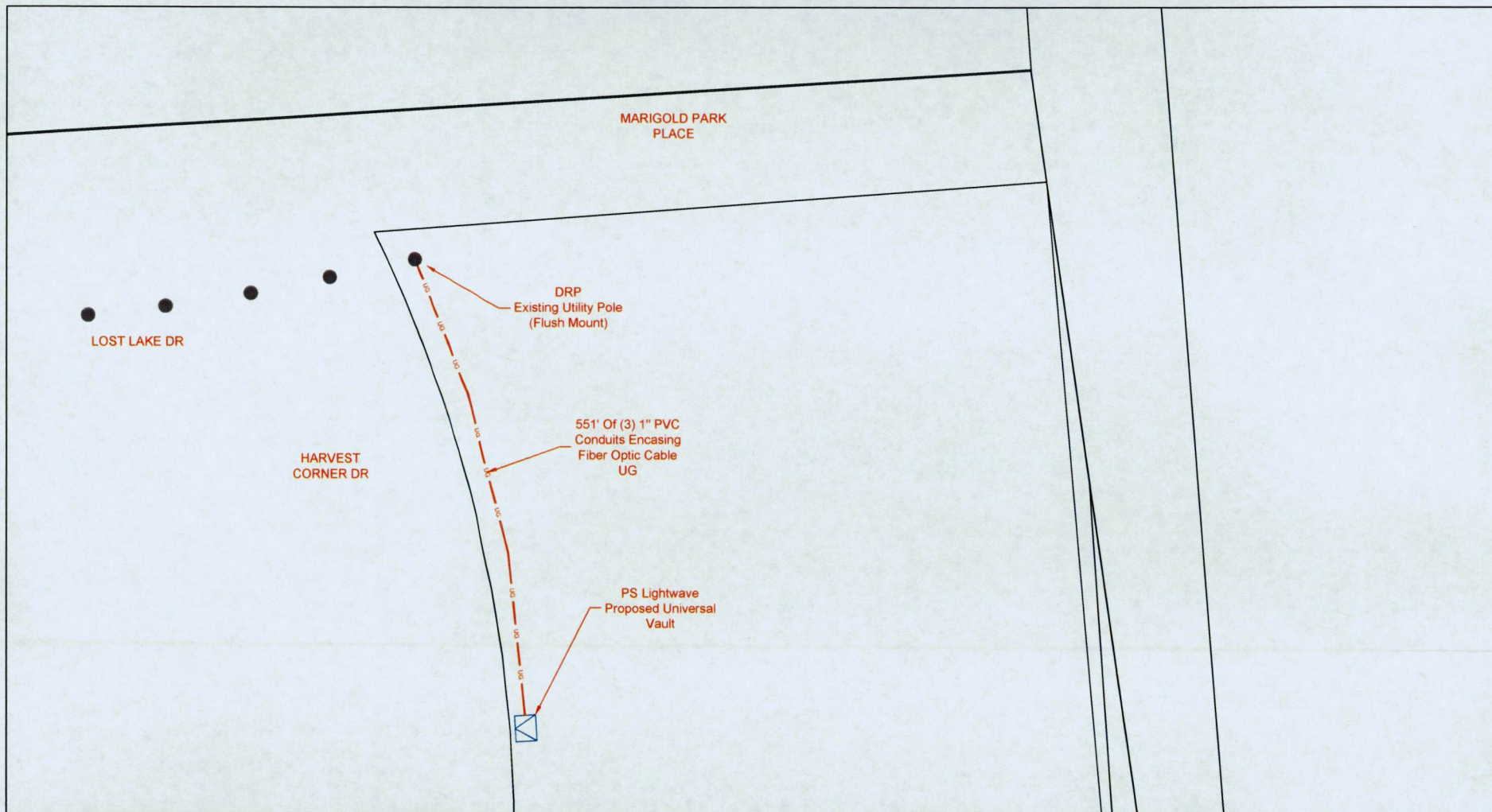
\_\_\_\_\_  
Date

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

*Charles O. Ay*

\_\_\_\_\_  
Permit Administrator

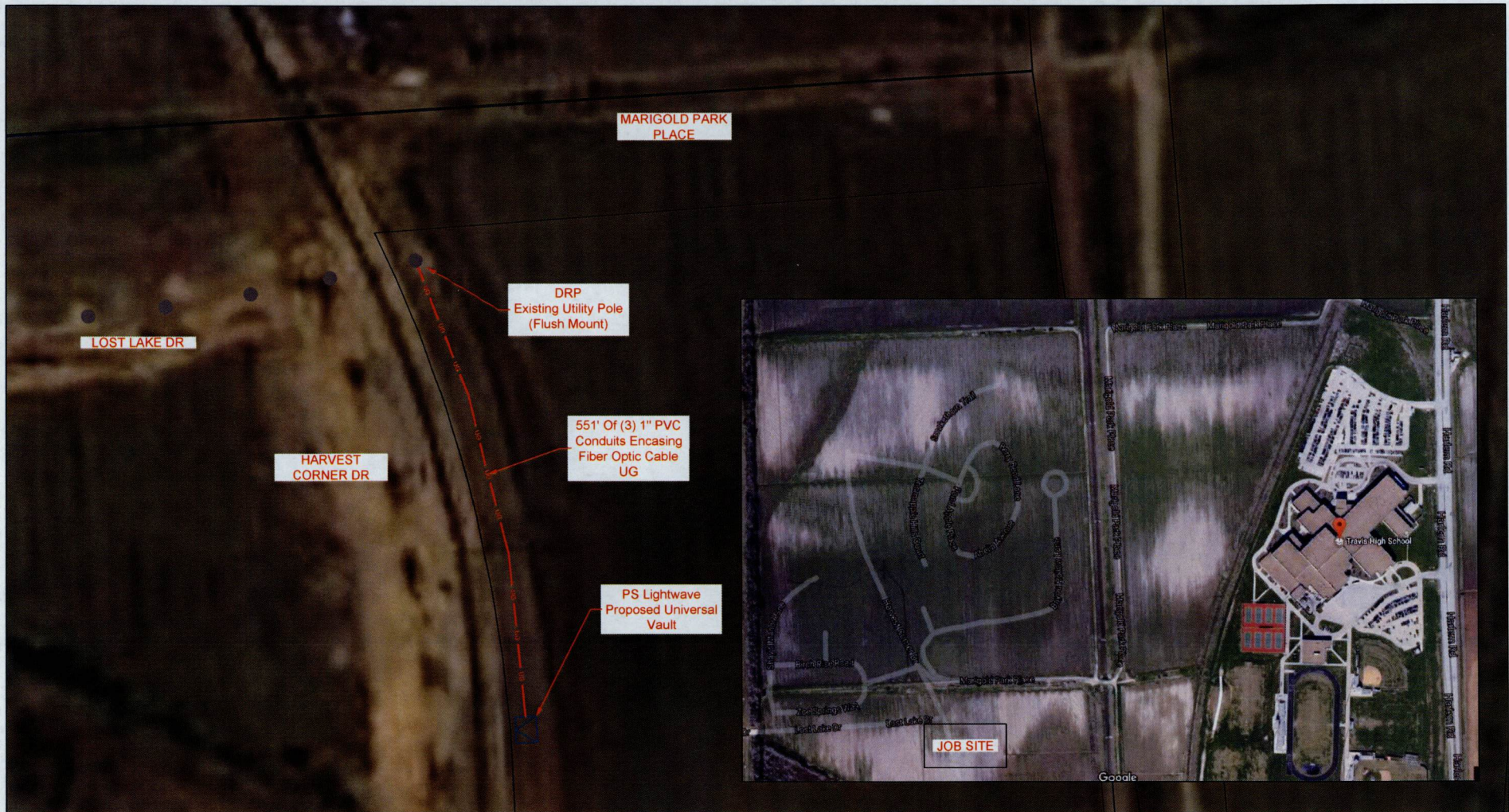
*1/17/17*  
\_\_\_\_\_  
Date



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") HDPE 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"x24")
	FLEX INNERDUCT (INSIDE)	R/W	EXISTING VAULT
CAT5	CATS CABLE	FENCE	MDF LOCATION
		RACK LOCATION	

 <b>PS LIGHTWAVE</b> <small>PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE</small>		CUSTOMER ID: <b>JOB# 0616-818</b>	
		CUSTOMER: Notice of Proposed Utility Installation	
REVISION#1: Rev#1		DATE: Rev#1 Date	CITY/ZIP: Richmond, TX 77406
REVISION#2: Rev#2		DATE: Rev#2 Date	COUNTY: Fort Bend
REVISION#3: Rev#3		DATE: Rev#3 Date	TENANTS:
REVISION#4: Rev#4		DATE: Rev#4 Date	# OF FLOORS:
SCALE: 1"=100'	PAGE: 1	WO#: 90179	DWG#:
OF: 2		JOB#: 0616-818	KEY MAP: 5668
		APPROVED BY:	DRAWN BY: GG
			DATE: 12/27/16

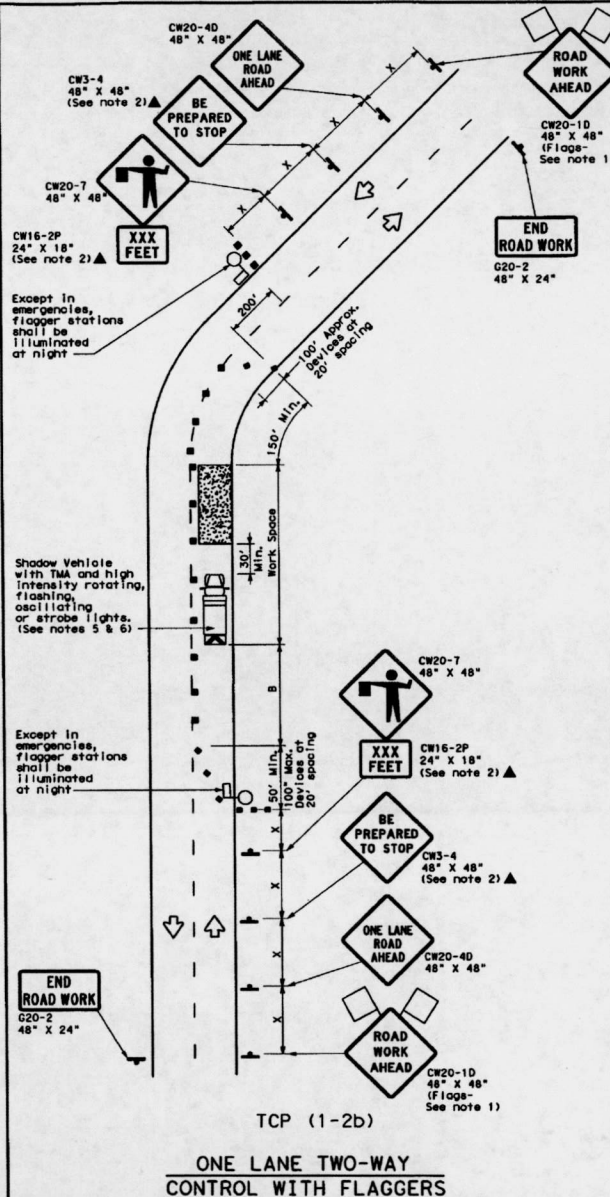
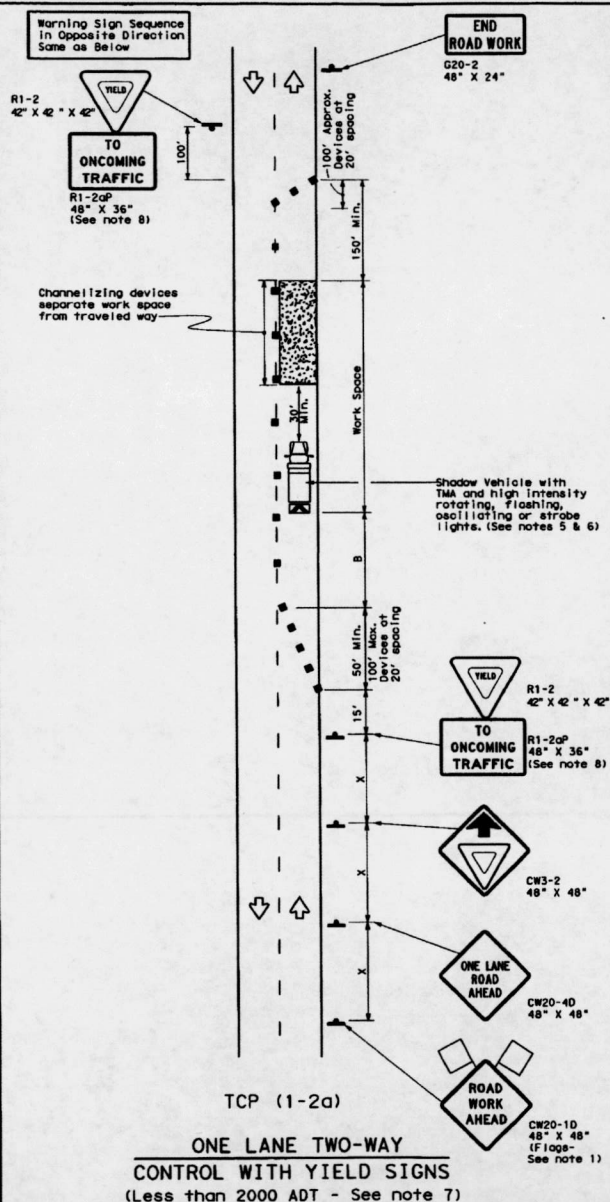














<p><b>LEGEND</b></p> <p> <span style="color: red;">—</span> UG 3(1") HDPE W/ FIBER OPTIC CABLE  <span style="color: red;">---</span> UG 3(1.25") HDPE W/ FIBER OPTIC CABLE  <span style="color: green;">—</span> UG 1(2") HDPE W/ FIBER OPTIC CABLE  <span style="color: blue;">—</span> UG 1(4") HDPE W/ 3(1.25")HDPE  <span style="color: orange;">---</span> FLEX INNERDUCT (INSIDE)  <span style="color: blue;">—</span> AIR AERIAL FIBER OPTIC CABLE  <span style="color: blue;">—</span> CAT5 CAT5 CABLE  <span style="color: blue;">—</span> PROPOSED CONDUIT  <span style="color: red;">---</span> EXISTING CONDUIT  <span style="color: purple;">---</span> EMT 1.25" EMT  <span style="color: black;">---</span> R/W RIGHT-OF-WAY  <span style="color: black;">---</span> EOP EDGE-OF-PAVEMENT  <span style="color: black;">---</span> FENCE  <span style="color: black;">---</span> RACK LOCATION </p>			
<p> <span style="color: red;">●</span> PSLW SET POLE  <span style="color: purple;">●</span> EXISTING SET POLE  <span style="color: black;">●</span> EXISTING UTILITY POLE  <span style="color: blue;">☒</span> PROPOSED PSLW VAULT (24"x36"x24")  <span style="color: blue;">☒</span> EXISTING VAULT  <span style="color: blue;">☒</span> PULLBOX  <span style="color: red;">★</span> MDF LOCATION </p>			

<p>SCALE: 1"=100'</p> <p>PAGE: 2</p> <p>OF: 2</p>		<p><b>PS LIGHTWAVE</b></p> <p>PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE</p>		<p>CUSTOMER ID: <b>JOB# 0616-818</b></p> <p>CUSTOMER: Notice of Proposed Utility Installation</p> <p>ADDRESS: Harvest Corner Dr</p>	
REVISION#1: Rev#1	DATE: Rev#1 Date	CITY/ZIP: Richmond, TX 77406	COUNTY: Fort Bend	TENANTS:	# OF FLOORS:
REVISION#2: Rev#2	DATE: Rev#2 Date	WO#: 90179	JOB#: 0616-818	DWG#:	KEY MAP: 566B
REVISION#3: Rev#3	DATE: Rev#3 Date	APPROVED BY:	DATE:	DRAWN BY: CG	DATE: 12/27/16
REVISION#4: Rev#4	DATE: Rev#4 Date				



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 * K	Formula	Minimum Desirable Taper Lengths		Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing	Suggested Spacing Longitudinal Buffer Spacing	Stoppel Sign Spacing	
		10' Offset	11' 12' or 12' Taper	On a Taper	On a Tangent	Distance	"B"	Distance	
30	L = $\frac{W}{60}$	150'	165'	180'	30'	60'	120'	90'	250'
35		205'	225'	245'	35'	70'	160'	120'	250'
40		240'	260'	285'	40'	80'	240'	155'	305'
45		450'	485'	540'	45'	90'	320'	155'	360'
50		550'	580'	600'	50'	100'	400'	240'	425'
55	L = WS	550'	605'	660'	55'	110'	500'	295'	495'
60		680'	720'	780'	60'	120'	600'	350'	570'
65		650'	715'	780'	65'	130'	700'	410'	645'
70		700'	770'	840'	70'	140'	800'	475'	750'
75		750'	825'	900'	75'	150'	900'	540'	820'

\* 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

1. Flags attached to signs where shown are REQUIRED.
2. 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.
3. The CW-2 or "BE AWARE OF THE FLAG" sign may be installed after the CW-20-40 "ONE LANE ROAD AHEAD" sign, but proper sign spacing shall be maintained.
4. Sign spacing may be increased or an additional CW-20-10 "ROAD WORK AHEAD" sign may be used if advance warning ahead of the flagger or R1-2 "YIELD" sign is less than 1500 feet.
5. A Shadow Vehicle with a TMA should be used whenever it can be positioned 30 to 100 feet in front of or behind the flagger to prevent any adverse 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.
6. Additional Shadow Vehicles with TMAs 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. R1-2 "YIELD" sign with R1-2aP "TO ONCOMING TRAFFIC" plaque shall be placed on a support at a 7 foot minimum mounting height.

## TCP (1-2b)

9. Flaggers should use two-way radios or other methods of communication to control traffic.
10. Length of work space should be based on the ability of flaggers to communicate.
11. If the work space is located near a horizontal or vertical curve, the buffer distances should be increased in order to maintain adequate stopping sight distance to the flagger and a queue of stopped vehicles (see table above).
12. Channelizing devices on the center-line may be omitted when a pilot car is leading traffic and approved by the Engineer.
13. Flaggers should use 24" STOP/SLOW paddles to control traffic. Flags should be limited to emergency situations.

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  
ONE-LANE TWO-WAY  
TRAFFIC CONTROL

TCP (1-2) - 12

TxDOT December 1985 REVISIONS 4-90 1-12 2-94 1-97 4-98 152		DNN TxDOT CONT DIST	CKA TxDOT SECT COUNTY	DNN TxDOT JOB COUNTY	CKA TxDOT HIGHWAY SHEET NO.
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