



**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: 2016-10340

**Applicant:** Phonoscope, LTD/PS Light Wave, Inc

**Job Location Site:** 19102 FM 1093, Richmond, TX 77407

**Bond No.**                      **Date of Bond:** 4/6/2004 **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](http://MyGovernmentOnline.org) portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

On this 6th day of December, 2016, Upon Motion of Commissioner Meyers, seconded by Commissioner Pretey, 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

By: N/A  
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.

Date Recorded 12-09-16 Comm. Court No. 16B

Clerk of Commissioners Court  
By: Sande 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  
[Permits@fortbendcountytx.gov](mailto:Permits@fortbendcountytx.gov)

- Right of Way Permit**  
 **Commercial Driveway Permit**

Permit No: 2016-10340

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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.

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**(1) COMPLETE APPLICATION FORM:**

- |                                     |  |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | a. Name of road, street, and/or drainage ditch affected. |
| <input checked="" type="checkbox"/> | b. Vicinity map showing course of directions             |
| <input checked="" type="checkbox"/> | c. Plans and specifications                              |

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**(2) BOND:**

- |                                     |  |                                       |                                     |
|-------------------------------------|--|---------------------------------------|-------------------------------------|
| <input type="checkbox"/>            | County Attorney, approval when applicable. |                                       |                                     |
| <input checked="" type="checkbox"/> | Perpetual bond currently posted.           | Bond No: <u>                    </u>  | Amount: <u>\$50,000.00</u>          |
| <input type="checkbox"/>            | Performance bond submitted.                | Bond No: <u>                    </u>  | Amount: <u>                    </u> |
| <input type="checkbox"/>            | Cashier's Check                            | Check No: <u>                    </u> | Amount: <u>                    </u> |

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**(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):**

\_\_\_\_\_  
Drainage District Approval

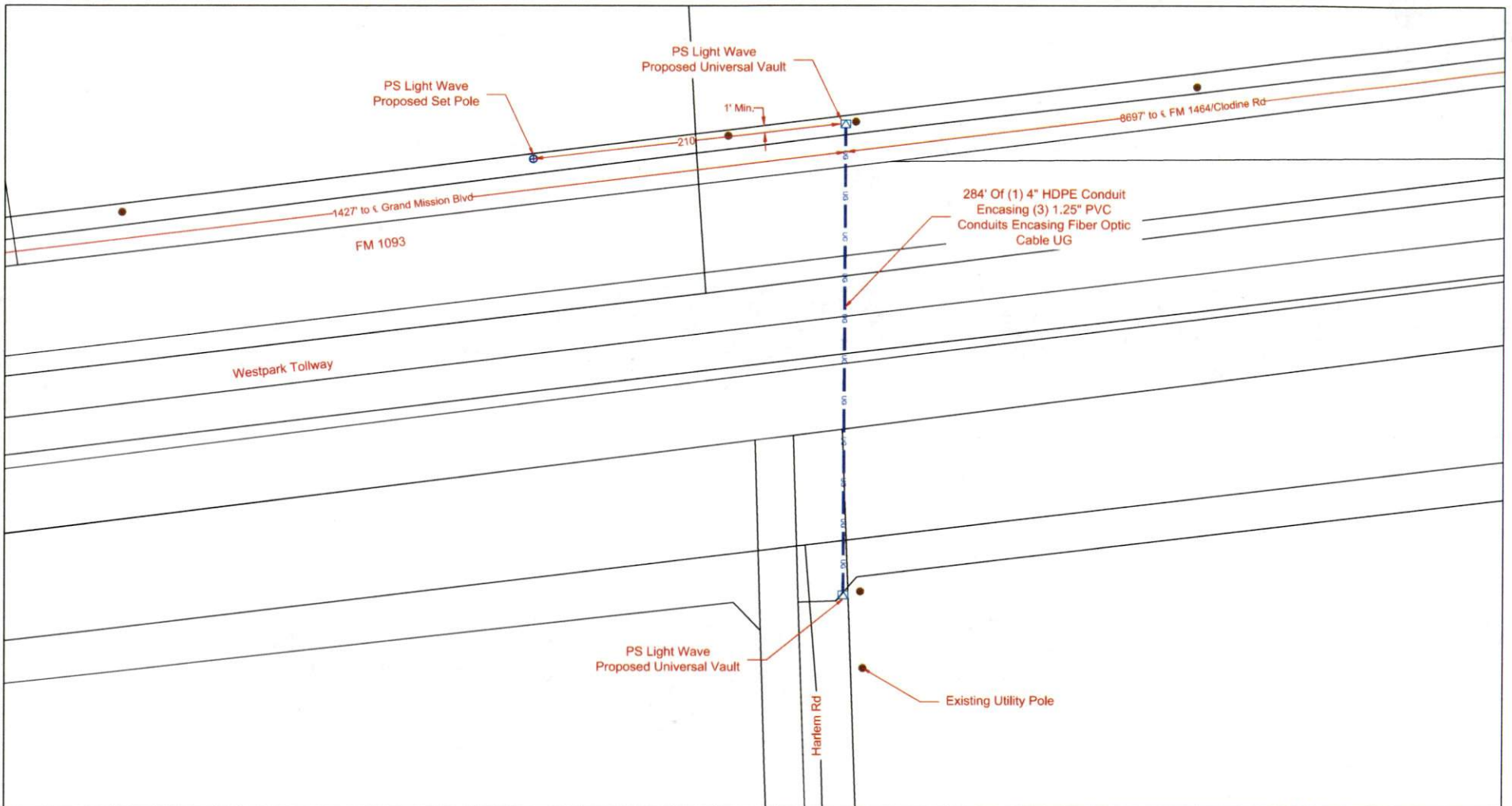
\_\_\_\_\_  
Date

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

*Chandy O. Aj*  
Permit Administrator

*11/29/16*  
Date



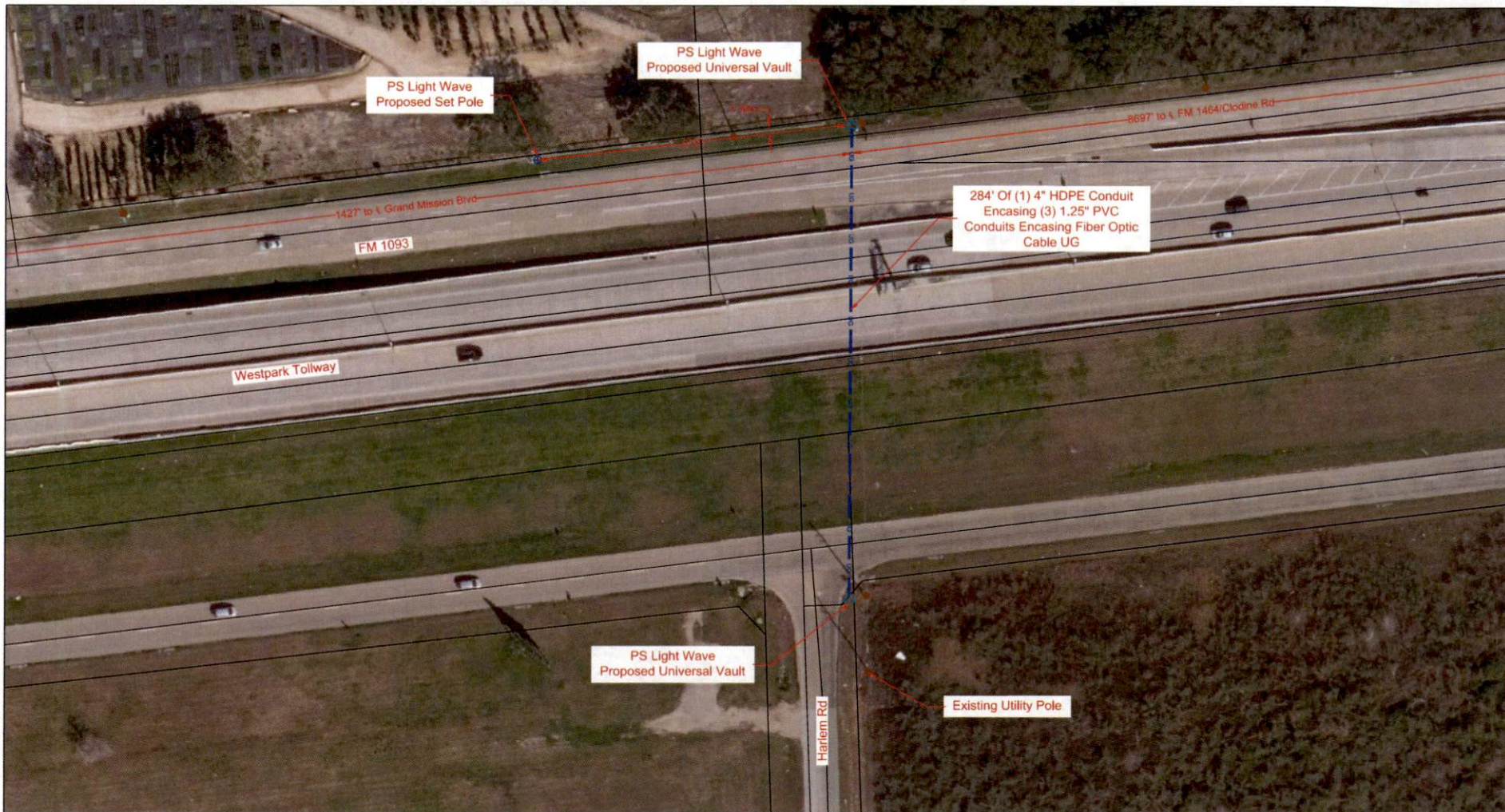
LEGEND	
UG	3(1") PVC W/ F.O. CABLE
UG	3(1.25") PVC W/ F.O. CABLE
UG	1(2") PVC W/ F.O. CABLE
UG	1(4") HDPE W/ 3(1.25")PVC
UG	FLEX INNERDUCT
AIR	AERIAL FIBER OPTIC CABLE
CAT5	CAT5 CABLE
	PROPOSED CONDUIT
	EXISTING CONDUIT
EMT	1.25" EMT
R/W	RIGHT-OF-WAY
EOP	EDGE-OF-PAVEMENT
	FENCE
	RACK LOCATION
	PS LIGHT WAVE SET POLE
	EXISTING UTILITY POLE
	PROPOSED VAULT (SMALL 30"x17"x17")
	PROPOSED VAULT (SMALL 36"x24"x26")
	EXISTING VAULT
	PULLBOX
	MDF LOCATION

**PHONOSCOPE LIGHTWAVE**

PROPRIETARY INFORMATION - PROPERTY OF PHONOSCOPE LIGHTWAVE

SCALE: 1"=60'	REVISION#1: Rev#1	DATE: Rev#1 Date
PAGE: 1	REVISION#2: Rev#2	DATE: Rev#2 Date
OF: 4	REVISION#3: Rev#3	DATE: Rev#3 Date
	REVISION#4: Rev#4	DATE: Rev#4 Date

CUSTOMER ID: <b>JOB# 0616-842 PLW</b>			
CUSTOMER: Notice Of Proposed Utility Installation			
ADDRESS: FM 1093/Westpark Tollway			
CITY/ZIP: Richmond, TX 77407		COUNTY: Fort Bend	
TENANTS:	# OF FLOORS:	DWG#:	KEY MAP: 526 G
WO#: 83996	JOB#: 0616-842	DRAWN BY: PJE	DATE: 10/25/16
APPROVED BY: Approved By PJE			DATE: DATE 10/25/16



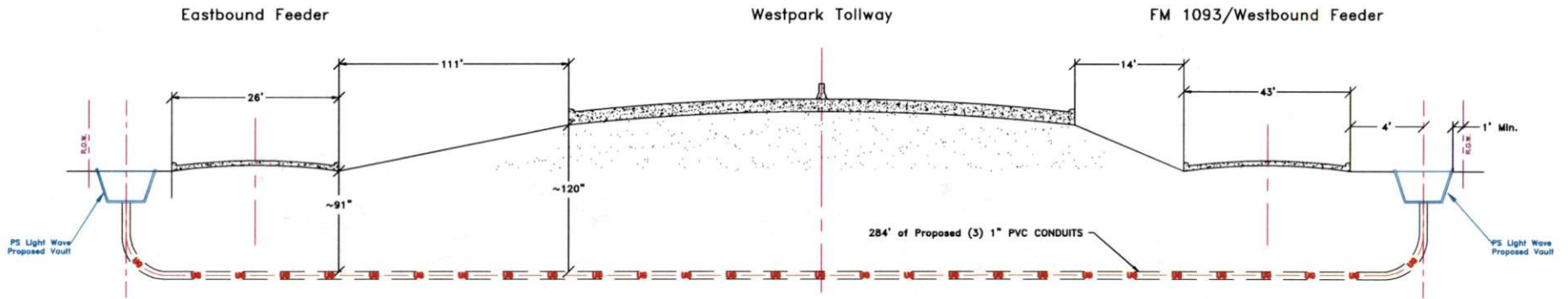
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**General Notes:**

- 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.



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SCALE: N.T.S.

PAGE: 3

OF: 4

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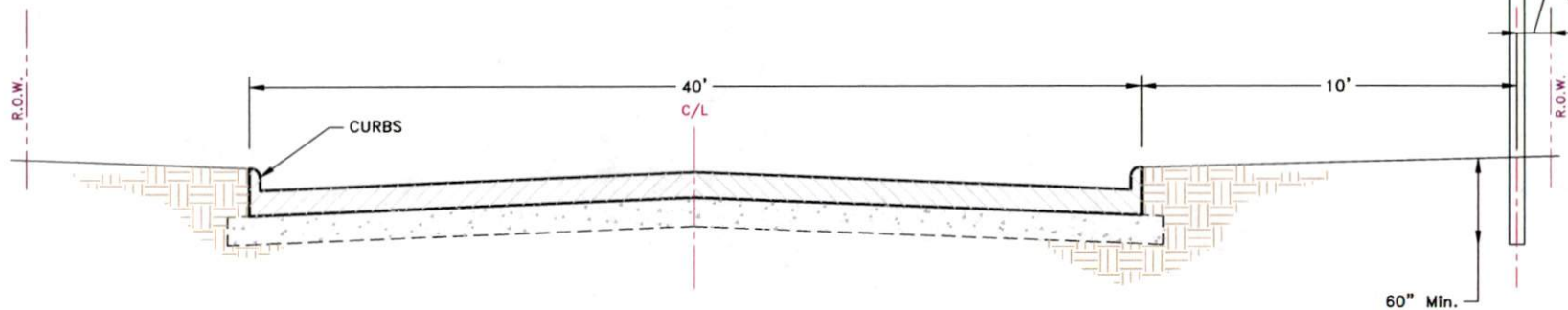
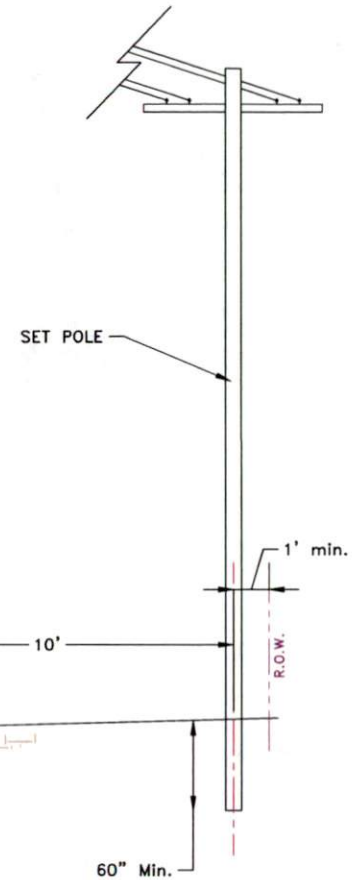
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FM 1093



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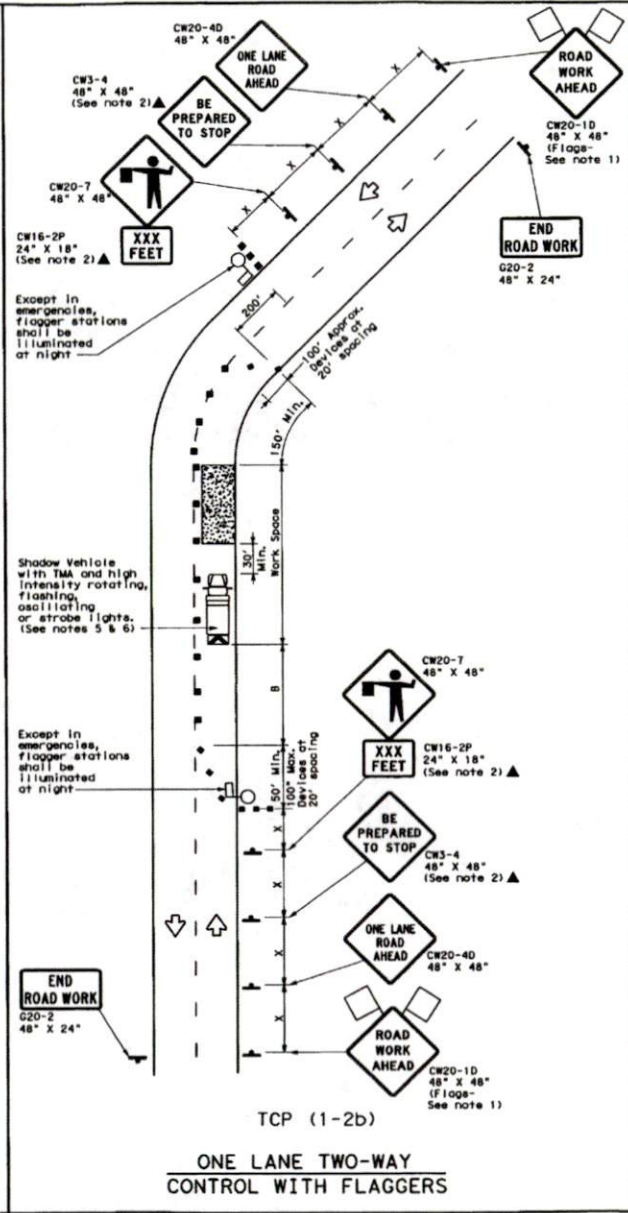
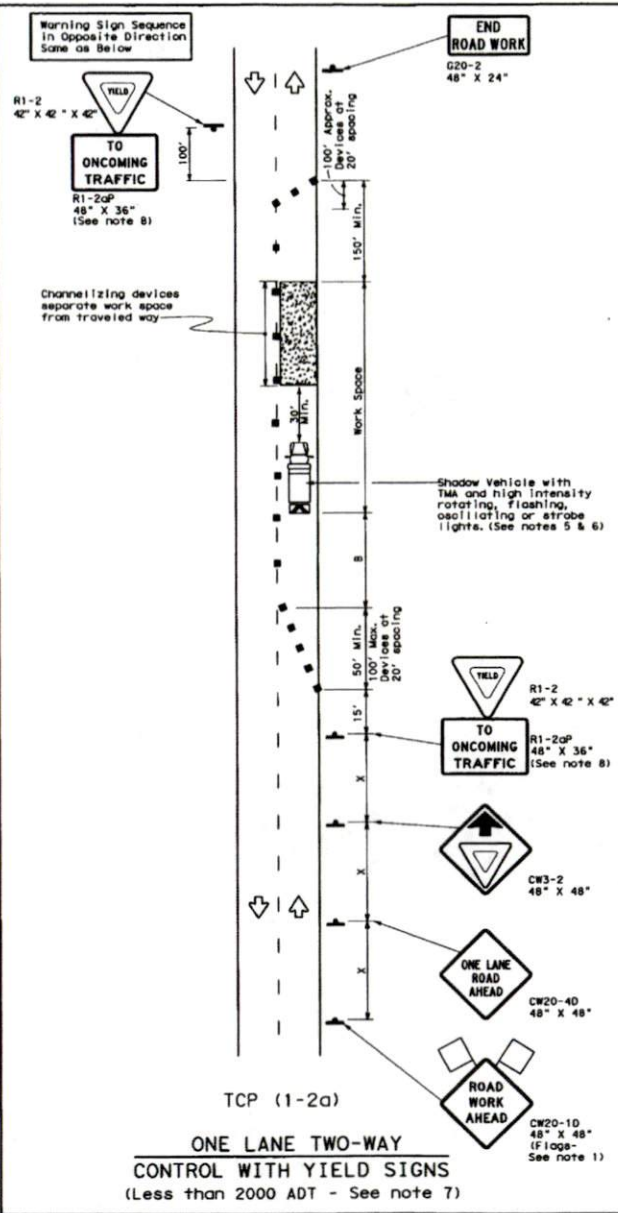
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The use of units intended to be governed by the Texas Engineering Practice Act. No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the correct-ness or the standard to other formats or for incorrect results or damages resulting from its use.

DISCLAIMER:

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
	Flagger		

Posted Speed #	Formula	Minimum Desirable Taper Lengths # X			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "x" Distance	Suggested Longitudinal Buffer Space "b" Distance	Stopping Sight Distance
		10'	11'	12'	On a Taper	On a Tangent			
30	L = WS/60	150'	165'	180'	30'	60'	120'	90'	200'
35		205'	225'	245'	35'	70'	160'	120'	250'
40		265'	295'	320'	40'	80'	240'	155'	305'
45		450'	495'	540'	45'	90'	320'	195'	360'
50		500'	550'	600'	50'	100'	400'	240'	425'
55		550'	605'	660'	55'	110'	500'	295'	495'
60		600'	660'	720'	60'	120'	600'	350'	570'
65		650'	715'	780'	65'	130'	700'	410'	645'
70		700'	770'	840'	70'	140'	800'	475'	730'
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 TERM		INTERMEDIATE TERM		LONG TERM
	DURATION	STATIONARY	STATIONARY	STATIONARY	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.
- 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.
- Sign spacing may be increased or an additional CW20-10 "ROAD WORK AHEAD" sign may be used if advance warning ahead of the flagger or R1-2 "YIELD" sign is less than 1500 feet.
- 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.

**TCP (1-2a)**

- R1-2 "YIELD" sign traffic control may be used on projects with approaches that have adequate sight distance. 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.
- R1-2 "YIELD" sign with R1-2aP "TO ONCOMING TRAFFIC" plaque shall be placed on a support of a 1 foot minimum mounting height.

**TCP (1-2b)**

- Flaggers should use two-way radios or other methods of communication to control traffic.
- Length of work space should be based on the ability of flaggers to communicate.
- 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).
- Channelizing devices on the center-line may be omitted when a pilot car is leading traffic and approved by the Engineer.
- 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	REV. 1/87	REV. 1/87	REV. 1/87	REV. 1/87
4-30	1-12			
2-94				
4-97				
4-98				

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