

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 22nd day of November, 2016, Commissioners Court came on to be heard and reviewed the accompanying notice of Phonoscope Light Wave, Inc
Job Location W Belfort Ave, Sugar Land, TX 77083
Date 4/6/2004 Bond No. 103827669, Permit No. 2016-10136 to make use of certain Fort Bend County property subject to, "A Revised 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 the 3rd day of August, 1987, recorded in Volume _____ of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's Texas Civil Statutes. Upon Motion of Commissioner _____, seconded by Commissioner _____, 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.

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 inspectionMail notices to: Permit Administrator
Fort Bend County Engineering
301 Jackson Street
Richmond, Texas 77469
281-633-7500
3. This permit expires one (1) year from date of permit if construction has not commenced.

By:

C. Charles O. A.
for County Engineer

Presented to Commissioners Court and
approved.
Recorded in Volume

Minutes of Commissioners Court

By:

N/A

Drainage District Engineer/Manager

Clerk of Commissioners Court

By:

Deputy

Engineering Department

Phone: (281) 633-7500

Permit No. 2016-10136

X (1) Complete Application Form:

X b. Vicinity map showing course of directions

X	c. Plans and specifications
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X (2) Bond:

X Perpetual bond currently posted.

No: 103827669

Amount: \$50,000.00

Performance bond submitted.

No:

Amount:

Cashier's Check

No:

Amount:

(3) Verbal permission given for emergencies, to start construction before approved in Commissioner's Court.

Precinct Engineer Acknowledgment

Date _____

Precinct Commissioner Acknowledgment

Date _____

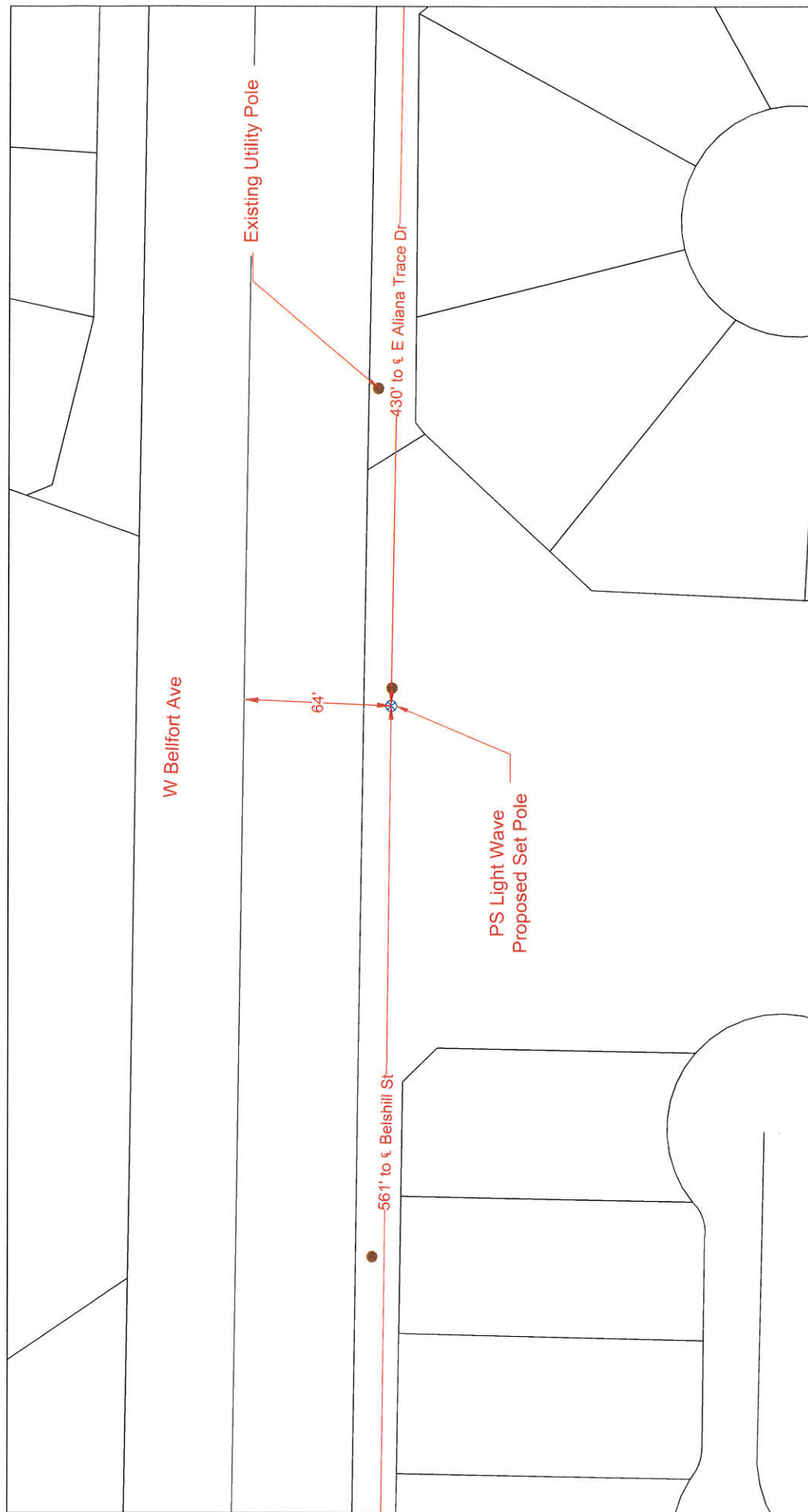
(4)

Drainage District Approval when applicable

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


Assistant County Engineer

11/15/16
Date



LEGEND

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

PHONOSCOPE LIGHTWAVE

PROPRIETARY INFORMATION: PROPERTY OF PHONOSCOPE 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

SCALE: 1"=40'

PAGE: 1

OF: 3

CUSTOMER ID: JOB# 0616-842 PLW

CUSTOMER: Notice Of Proposed Utility Installation

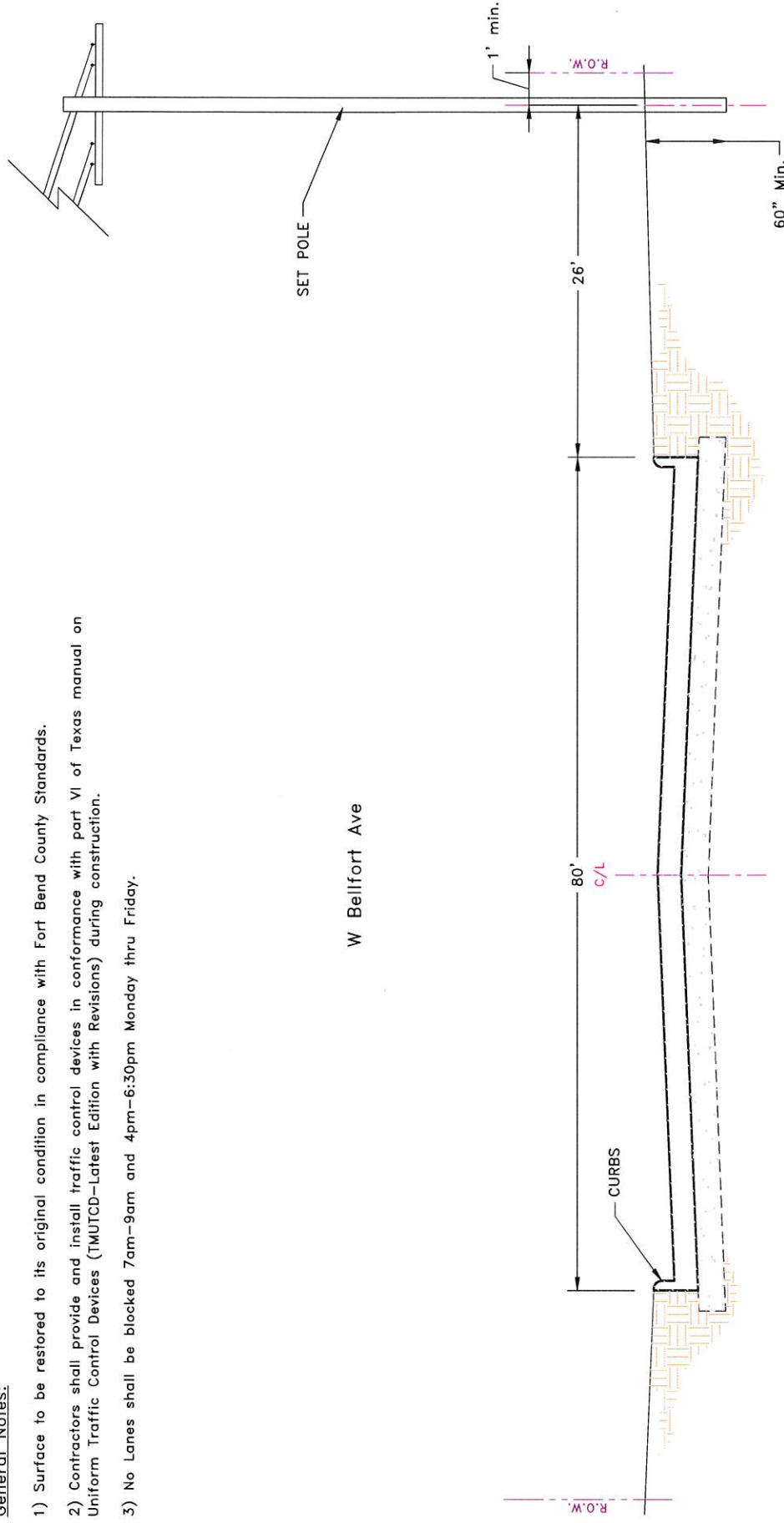
ADDRESS: W Belfort Ave

CITY/ZIP: COUNTY: 1st Bend

TENANTS:	# OF FLOORS:	DWG#:	KEY MAP: 527 W
WOF: 83079	JOB#: 0616-842	DRAWN BY: P.E.	DATE: 10/15/16
APPROVED BY: P.E.	DATE: 10/15/16		

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.

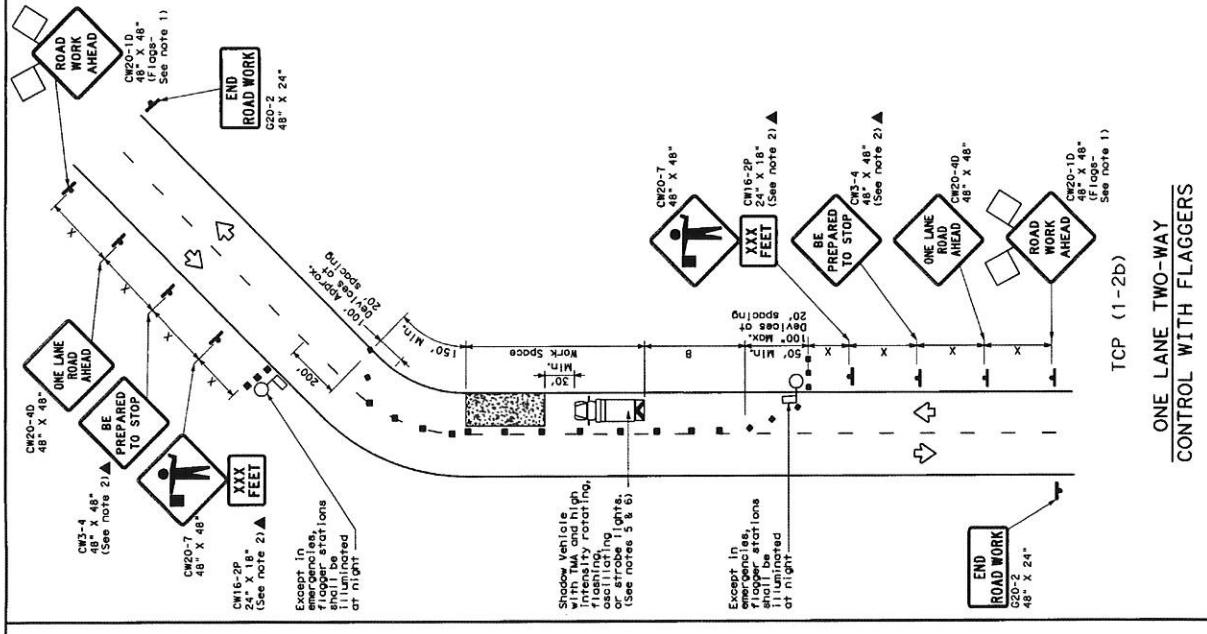
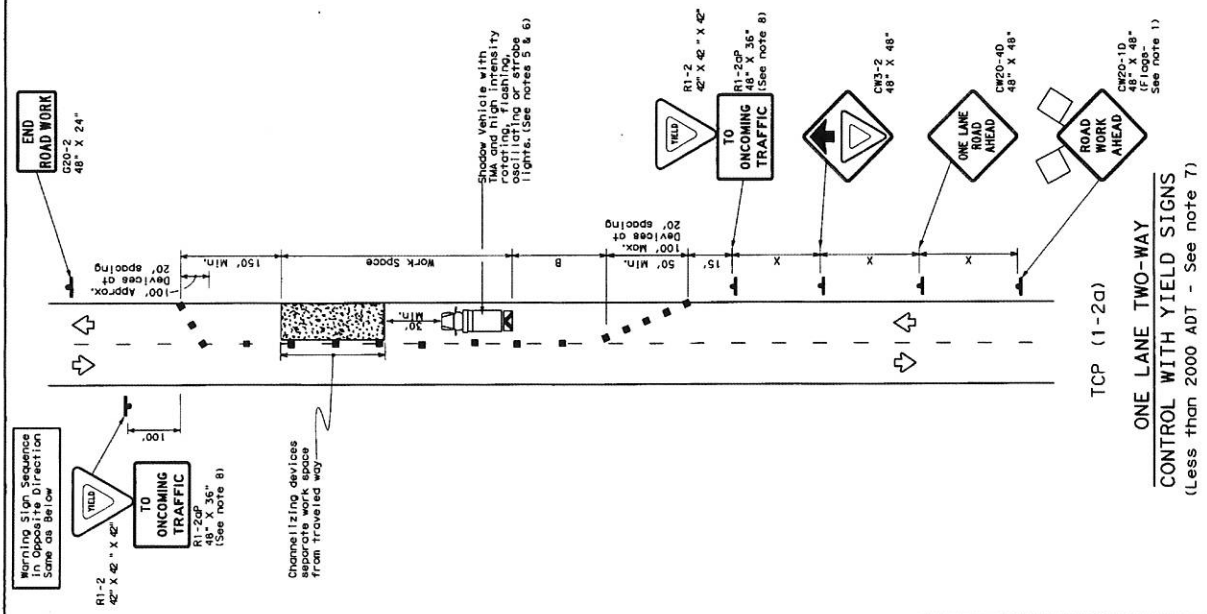


UG 3(1") PVC W/ F.O. CABLE UG 3(1.25") PVC W/ F.O. CABLE UG 1(2") PVC W/ F.O. CABLE UG 1(4") HDPE W/ 3(1.25")PVC --- FLEX INTERDUCT --- AIR CAT5 CAT5 CABLE LEGEND --- PROPOSED CONDUIT --- EXISTING CONDUIT --- 1.25" EMT --- R/W --- RIGHT-OF-WAY --- EDGE-OF-PAVEMENT --- FENCE RACK LOCATION ☒ PS Light Wave SET POLE ☒ EXISTING UTILITY POLE ☒ PROPOSED VAULT (UNIVERSAL 24"x36"x24") ☒ PROPOSED VAULT (LARGE 36"x24"x26") ☒ EXISTING VAULT ☒ PULLBOX ☒ MDF LOCATION SCALE: N.T.S. PAGE: 3 OF: 3 PHONOSCOPIC LIGHTWAVE PROPRIETARY INFORMATION - PROPERTY OF PHONOSCOPIC LIGHTWAVE Job # 0616-842 PLW Description: Notice Of Proposed Utility Installation Address: W Bellfort Ave CITY/ZIP: COUNTY: Fort Bend REVISION#1: Rev#1 DATE: Rev#1 Date TENANTS: # OF FLOORS: DWG#: KEY MAP: 527 W REVISION#2: Rev#2 DATE: Rev#2 Date WOF: 83279 JOB# 0616-842 DRAWN BY: P.E. DATE: 10/15/2016 REVISION#3: Rev#3 DATE: Rev#3 Date APPROVED BY: P.E. DATE: 10/15/2016 REVISION#4: Rev#4 DATE: Rev#4 Date	
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SCALE: N.T.S.
PAGE: 3 OF 3

☒ PS Light Wave SET POLE	☒ PROPOSED CONDUIT	☒ 3(1") PVC W/ F.O. CABLE
☒ EXISTING UTILITY POLE	☒ EXISTING CONDUIT	☒ 3(1.25") PVC W/ F.O. CABLE
☒ PROPOSED VAULT (UNIVERSAL 24"x36"x24")	☒ 1.25" EMT	☒ 1(2") PVC W/ F.O. CABLE
☒ PROPOSED VAULT (LARGE 36"x24"x26")	☒ RIGHT-OF-WAY	☒ 1(4") HDPE W/ 3(1.25")PVC
☒ EXISTING VAULT	☒ EDGE-OF-PAVEMENT	☒ FLEX INNERDUCT
☒ PULLBOX	☒ FENCE	☒ AERIAL FIBER OPTIC CABLE
☒ MDF LOCATION	☒ RACK LOCATION	☒ CATS CABLE

LEGEND



LEGEND

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

Formula	Minimum Taper Length	Minimum Spacing of Channelizing Devices	Minimum Spacing of Flaggers	Minimum Spacing of TMA's	Minimum Spacing of PCMS's	Minimum Spacing of TMA's	Minimum Spacing of PCMS's	Minimum Spacing of TMA's	Minimum Spacing of PCMS's
30' W ₈₅	150'	165'	180'	30'	120'	90'	200'	90'	200'
35' W ₈₅	205'	225'	245'	35'	150'	120'	250'	120'	250'
40' W ₈₅	265'	285'	305'	40'	180'	150'	305'	150'	305'
45' W ₈₅	325'	345'	365'	45'	210'	180'	365'	180'	365'
50' W ₈₅	385'	405'	425'	50'	240'	210'	425'	210'	425'
55' W ₈₅	445'	465'	485'	55'	270'	240'	485'	240'	485'
60' W ₈₅	505'	525'	545'	60'	300'	270'	545'	270'	545'
65' W ₈₅	565'	585'	605'	65'	330'	300'	605'	300'	605'
70' W ₈₅	625'	645'	665'	70'	360'	330'	665'	330'	665'
75' W ₈₅	685'	705'	725'	75'	390'	360'	725'	360'	725'
80' W ₈₅	745'	765'	785'	80'	420'	390'	785'	390'	785'
85' W ₈₅	805'	825'	845'	85'	450'	420'	845'	420'	845'
90' W ₈₅	865'	885'	905'	90'	480'	450'	905'	450'	905'
95' W ₈₅	925'	945'	965'	95'	510'	480'	965'	480'	965'
100' W ₈₅	985'	1005'	1025'	100'	540'	510'	1025'	510'	1025'

* Convexity Reads Only
** Taper Lengths Have been rounded off.
*** Length of Taper (FT) = Width of Offset (FT) x Posted Speed (MPH)

GENERAL NOTES

1. Flaggers attached to signs where shown are REQUIRED.
2. All flagging operations shall be performed in accordance with the Texas Manual of Traffic Control, except those devices with the maintenance work, when approved by the Engineer.
3. The R1-2a "BE PREPARED TO STOP" sign may be installed after the R1-2b "YIELD" sign is installed.
4. The R1-2b "YIELD" sign should be installed after the R1-2a "BE PREPARED TO STOP" sign is installed.
5. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of work exposure without adversely affecting the performance or safety of the project.
6. Additional Shadow Vehicles with TMA's may be positioned off the paved surface, next to those shown in order to protect wider work spaces.

TYPICAL USAGE

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

TCP (1-2a)

1. 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 400 feet.

2. R1-2 "YIELD" sign with R1-2a "TO ONCOMING TRAFFIC" plaque shall be placed on a support of a 7 foot minimum mounting height.

TCP (1-2b)

3. Flaggers should use two-way radios or other methods of communication to control traffic.

4. Length of work space should be based on the ability of flaggers to communicate.

5. Flaggers should be positioned at least 100 feet from the work area and 100 feet from the end of the work space.

6. Flaggers should be positioned at least 100 feet from the end of the work space and 100 feet from the end of the work space.

7. Flaggers should be positioned at least 100 feet from the end of the work space and 100 feet from the end of the work space.

8. Flaggers should be positioned at least 100 feet from the end of the work space and 100 feet from the end of the work space.

9. Flaggers should be positioned at least 100 feet from the end of the work space and 100 feet from the end of the work space.

10. Flaggers should be positioned at least 100 feet from the end of the work space and 100 feet from the end of the work space.

11. Flaggers should be positioned at least 100 feet from the end of the work space and 100 feet from the end of the work space.

12. Flaggers should be positioned at least 100 feet from the end of the work space and 100 feet from the end of the work space.

13. Flaggers should be positioned at least 100 feet from the end of the work space and 100 feet from the end of the work space.

For construction or maintenance work, specific project requirements for work spaces and flagging operations can be found in the project GENERAL NOTES for Item 502, Signs and Traffic Control.