



**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: 2017-13710

Applicant: PS Light Wave, Inc.

Job Location Site: Farmer Road, Richmond, TX 77406

Bond No. 1212222 **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 23rd day of May, 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: Chad O. Ay

Date Recorded 5-30-2017 Comm. Court No. 9F

for County Engineer

Clerk of Commissioners Court

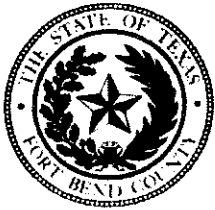
N/A

By: _____

By: Andy Willes

Drainage District Engineer/Manager

Deputy



**PERMIT APPLICATION REVIEW FORM FOR
CABLE, CONDUIT, AND POLE LINE ACTIVITY
IN FORT BEND COUNTY**

**Fort Bend County
Engineering Department**
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Richmond, Texas 77469
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- ☒ Right of Way Permit
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Permit No: 2017-13710

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: XXXXXXXXXX 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

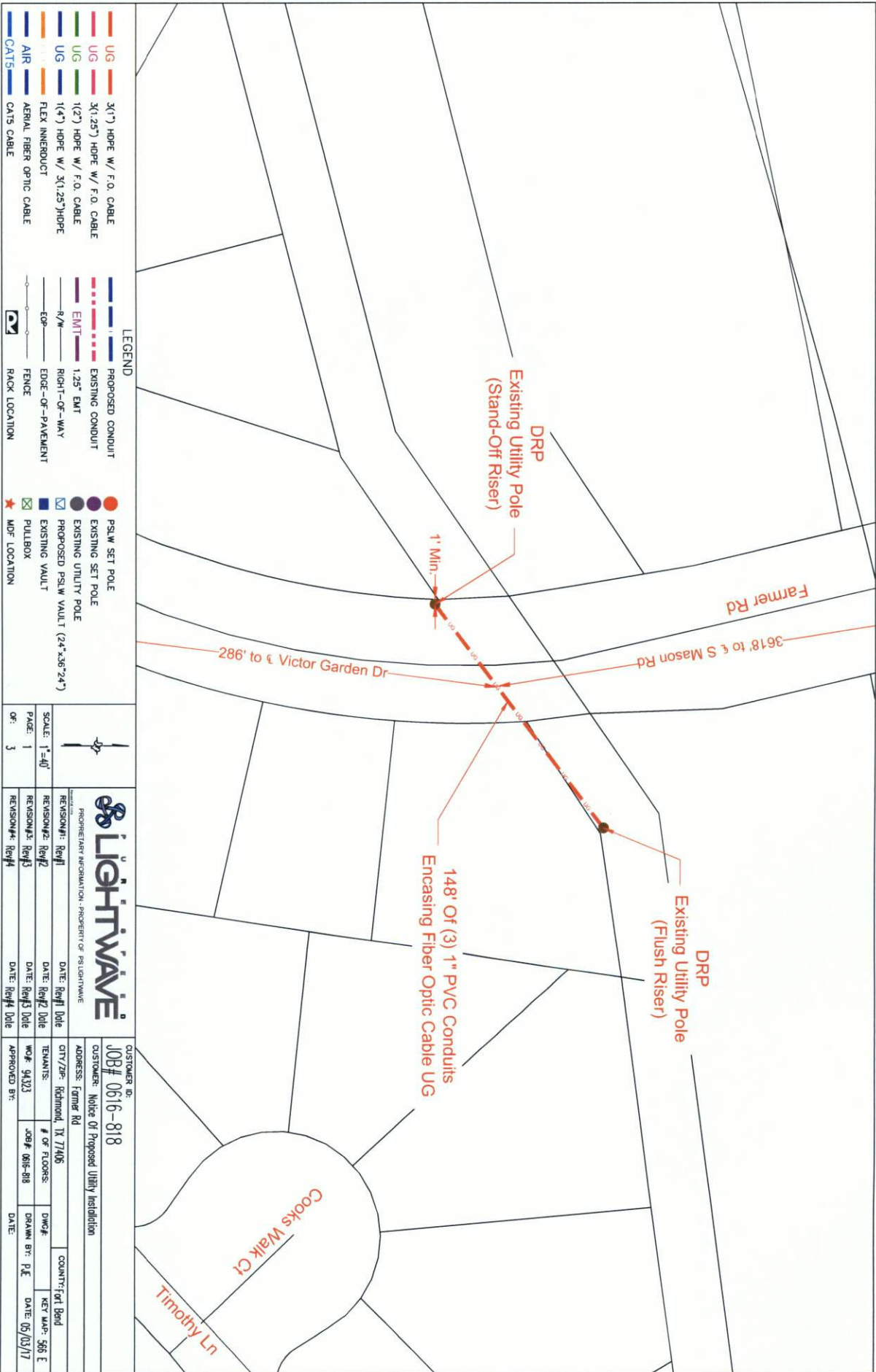
We have reviewed this project and agree it meets minimum requirements.

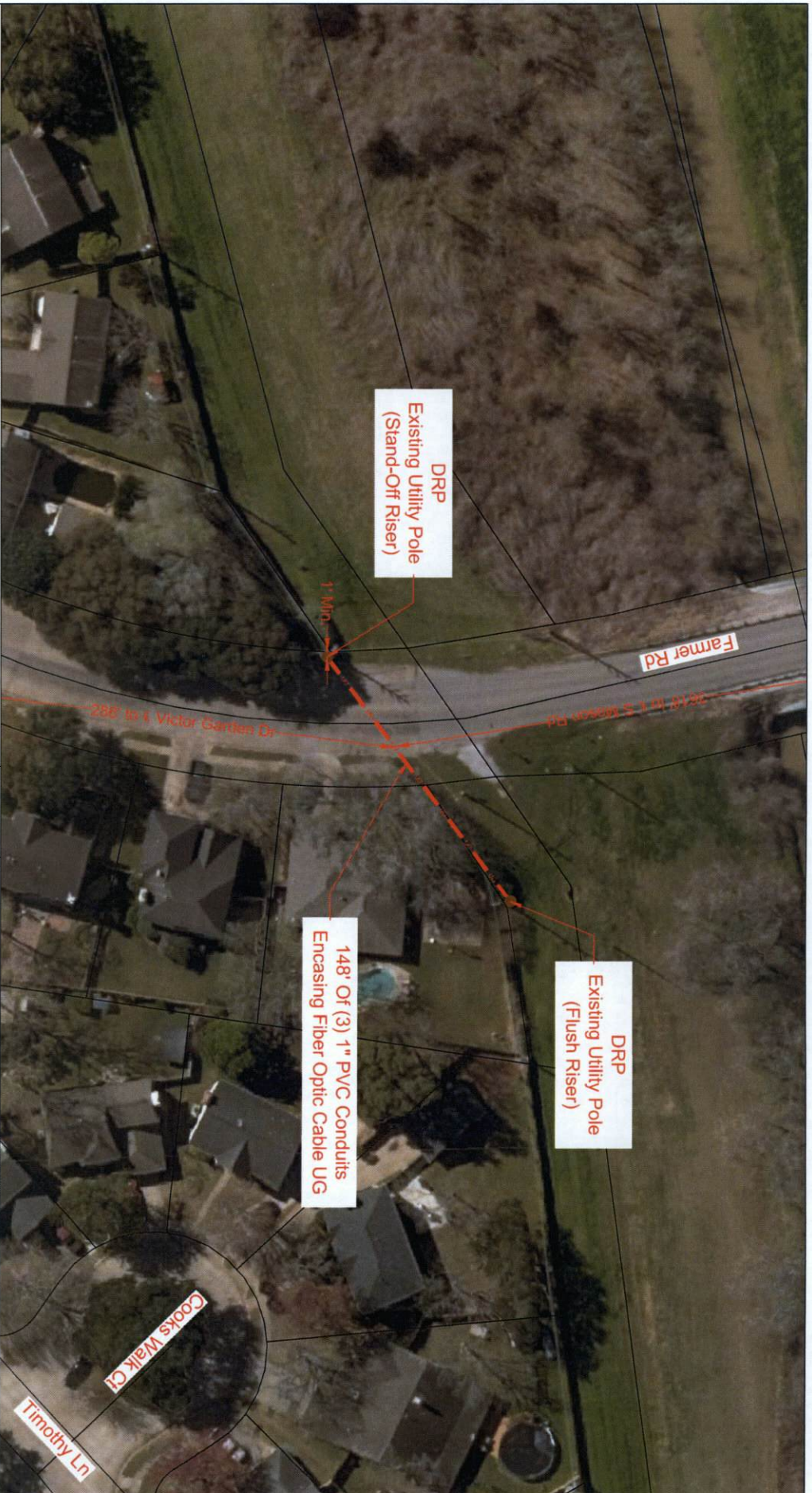
Charles O. Ay

Permit Administrator

5/15/17

Date



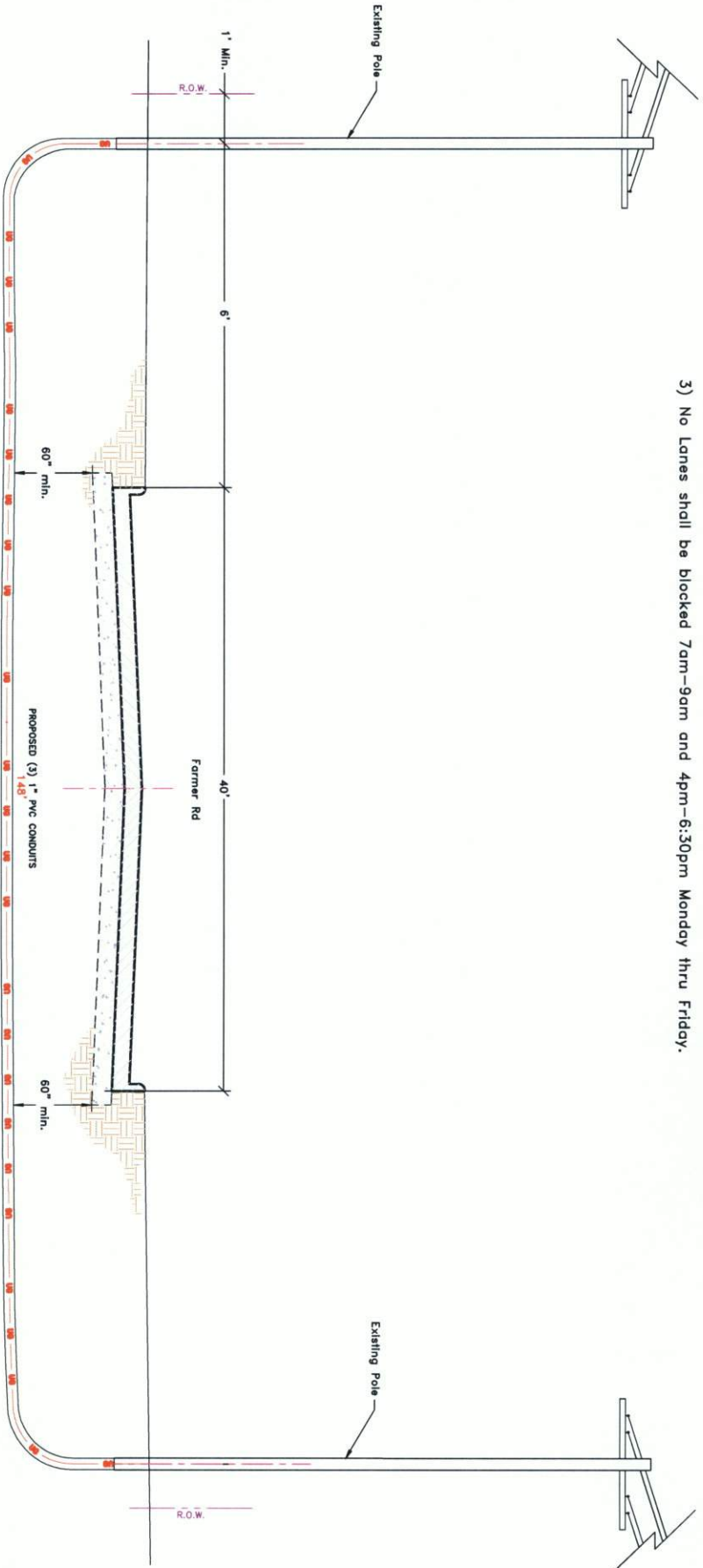


LEGEND

UG	30\"/>
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SCALE: 1"=40' PAGE: 2 OF: 3		CUSTOMER ID: JOB# 0616-818 CUSTOMER: Notice Of Proposed Utility Installation ADDRESS: Farmer Rd CITY/ZIP: Richmond, TX 77406 COUNTY: Fort Bend TENANTS: WOF: 94323 JOB#: 0616-818 DATE: 05/03/17 APPROVED BY: DATE:	
REVISION#1: Rev1 DATE: Rev1 Date REVISION#2: Rev2 DATE: Rev2 Date REVISION#3: Rev3 DATE: Rev3 Date REVISION#4: Rev4 DATE: Rev4 Date		REVISION#1: Rev1 DATE: Rev1 Date REVISION#2: Rev2 DATE: Rev2 Date REVISION#3: Rev3 DATE: Rev3 Date REVISION#4: Rev4 DATE: Rev4 Date	

- 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	PROPOSED CONDUIT	PSLW SET POLE
UG	3(1.25") PVC W/ F.O. CABLE	EXISTING CONDUIT	EXISTING SET POLE
UG	1(2") PVC W/ F.O. CABLE	EMT	EXISTING UTILITY POLE
UG	1(4") HDPE W/ 3(1.25") PVC	RIGHT-OF-WAY	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: N.T.S.	REVISION#1: Rev#1	DATE: Rev#1 Date	Job# 0616-818
PAGE: 3	REVISION#2: Rev#2	DATE: Rev#2 Date	Description: Notice Of Proposed Utility Installation
OF: 3	REVISION#3: Rev#3	DATE: Rev#3 Date	Address: Farmer Rd
	REVISION#4: Rev#4	DATE: Rev#4 Date	CITY/Zip: Richmond, TX 77406
			TENANTS:
			WQ#: 94323
			Job# 0616-818
			APPROVED BY: DATE:
			COUNTY: Fort Bend
			KEY MAP: 566 E
			DATE: 05/03/17

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TCEM for any purpose whatsoever. TCEM shall not be responsible for any damages resulting from its use.

DATE: FILE:

ONE LANE TWO-WAY CONTROL WITH YIELD SIGNS (Less than 2000 ADT - See note 7)

ONE LANE TWO-WAY CONTROL WITH FLAGGERS

LEGEND

Symbol	Description
	Type 3 Barricade
	Truck Mounted Attenuator (TMA)
	Traffic Control Sign
	Flagger

GENERAL NOTES

1. Flagger should use two-way radio or other means of communication to control traffic.
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13. Flagger should use two-way radio or other means of communication to control traffic.

Traffic Department of Transportation

TRAFFIC CONTROL PLAN

ONE-LANE TWO-WAY

TRAFFIC CONTROL

TCP (1-2)-12

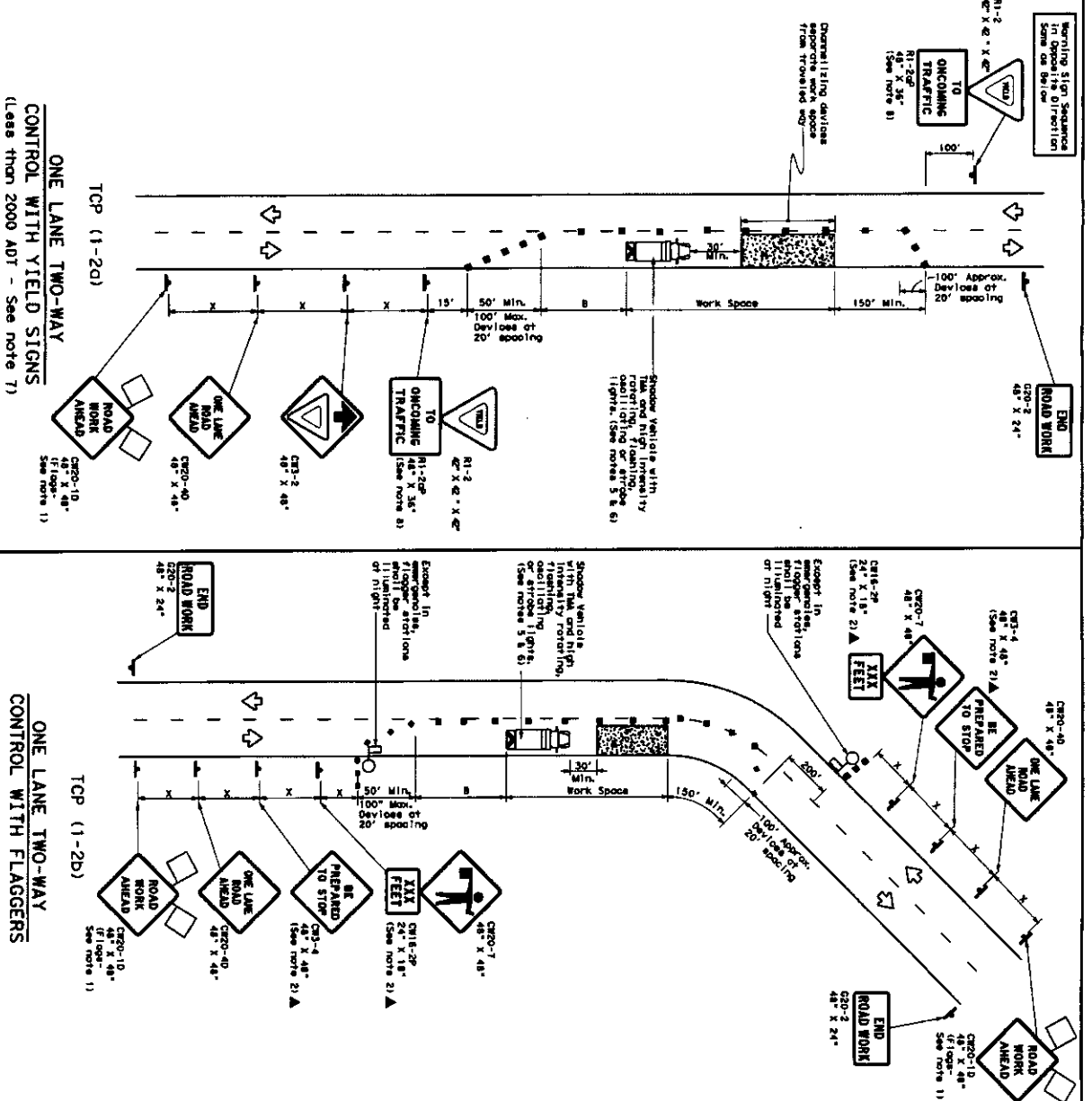
FOR CONSTRUCTION OR MAINTENANCE CONTROL

TRAFFIC CONTROL PLAN

ONE-LANE TWO-WAY

TRAFFIC CONTROL

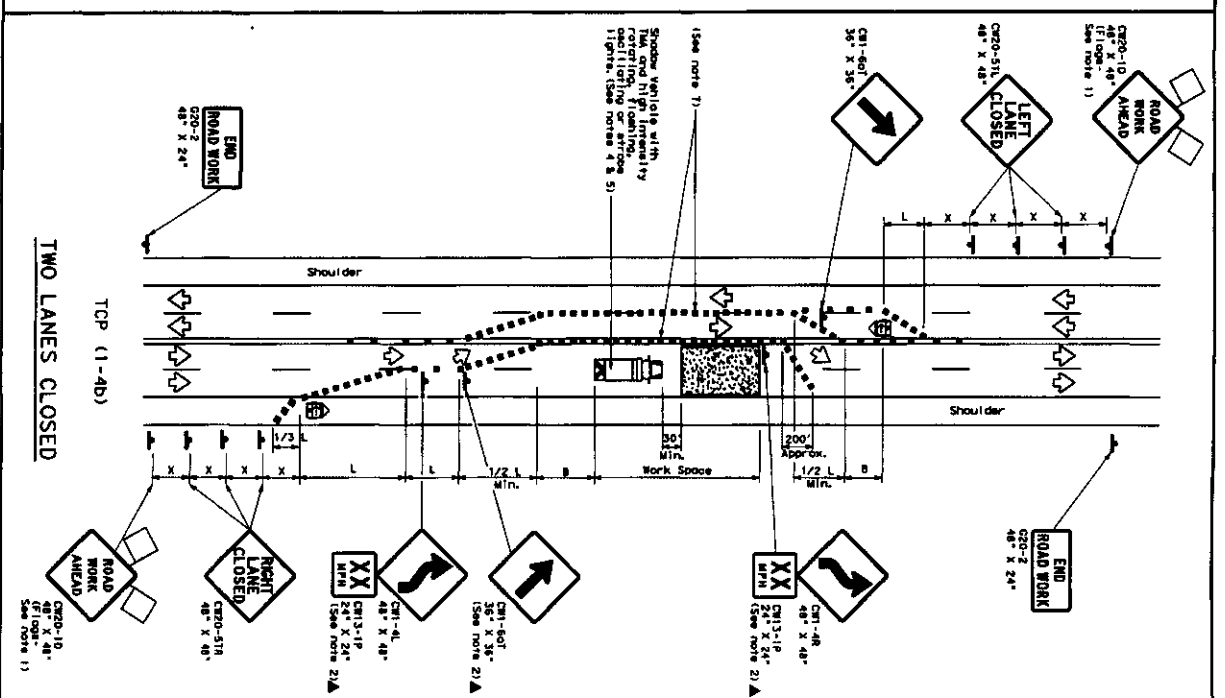
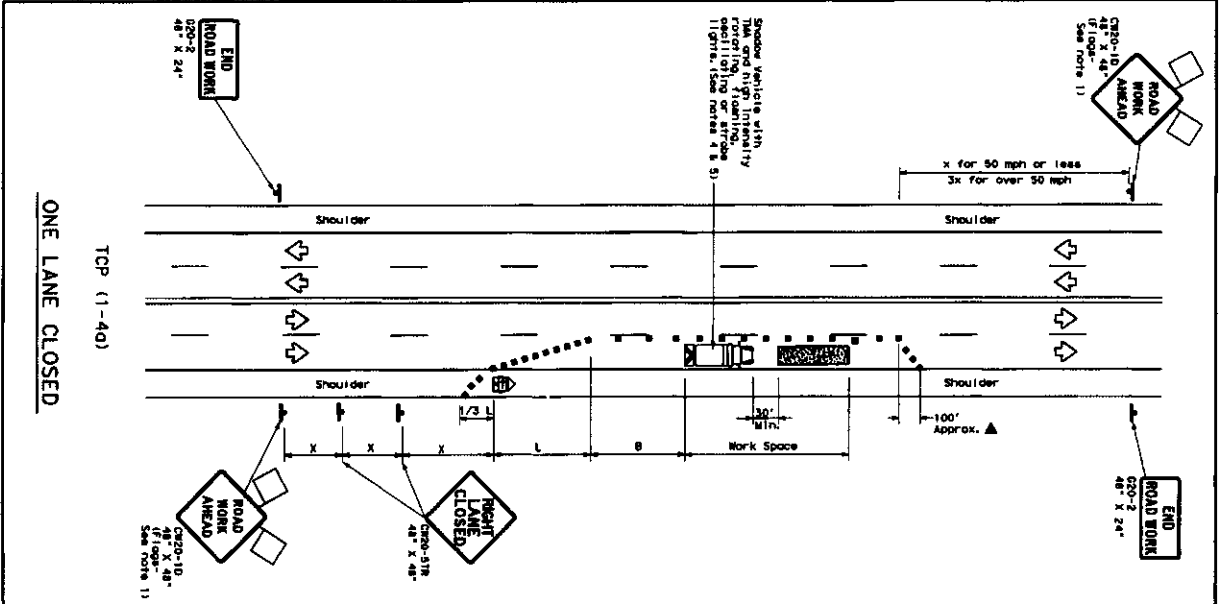
TCP (1-2)-12



Vehicle	Speed (mi/hr)	Stopping Distance (ft)	Reaction Distance (ft)	Total Stopping Distance (ft)
Passenger Car	10	10	10	20
Passenger Car	20	40	20	60
Passenger Car	30	90	30	120
Passenger Car	40	160	40	200
Passenger Car	50	250	50	300
Passenger Car	60	360	60	420
Passenger Car	70	490	70	560
Passenger Car	80	640	80	720
Passenger Car	90	810	90	900
Passenger Car	100	1000	100	1100
Passenger Car	110	1210	110	1320
Passenger Car	120	1440	120	1560
Passenger Car	130	1690	130	1820
Passenger Car	140	1960	140	2100
Passenger Car	150	2250	150	2400
Passenger Car	160	2560	160	2720
Passenger Car	170	2890	170	3060
Passenger Car	180	3240	180	3420
Passenger Car	190	3610	190	3800
Passenger Car	200	4000	200	4200
Passenger Car	210	4410	210	4620
Passenger Car	220	4840	220	5060
Passenger Car	230	5290	230	5520
Passenger Car	240	5760	240	6000
Passenger Car	250	6250	250	6500
Passenger Car	260	6760	260	7020
Passenger Car	270	7290	270	7560
Passenger Car	280	7840	280	8120
Passenger Car	290	8410	290	8700
Passenger Car	300	9000	300	9300
Passenger Car	310	9610	310	9920
Passenger Car	320	10240	320	10560
Passenger Car	330	10890	330	11220
Passenger Car	340	11560	340	11900
Passenger Car	350	12250	350	12600
Passenger Car	360	12960	360	13320
Passenger Car	370	13690	370	14060
Passenger Car	380	14440	380	14820
Passenger Car	390	15210	390	15600
Passenger Car	400	16000	400	16400
Passenger Car	410	16810	410	17220
Passenger Car	420	17640	420	18060
Passenger Car	430	18490	430	18920
Passenger Car	440	19360	440	19800
Passenger Car	450	20250	450	20700
Passenger Car	460	21160	460	21620
Passenger Car	470	22090	470	22560
Passenger Car	480	23040	480	23520
Passenger Car	490	24010	490	24500
Passenger Car	500	25000	500	25500
Passenger Car	510	26010	510	26520
Passenger Car	520	27040	520	27560
Passenger Car	530	28090	530	28620
Passenger Car	540	29160	540	29700
Passenger Car	550	30250	550	30800
Passenger Car	560	31360	560	31920
Passenger Car	570	32490	570	33060
Passenger Car	580	33640	580	34220
Passenger Car	590	34810	590	35400
Passenger Car	600	36000	600	36600
Passenger Car	610	37210	610	37820
Passenger Car	620	38440	620	39060
Passenger Car	630	39690	630	40320
Passenger Car	640	40960	640	41600
Passenger Car	650	42250	650	42900
Passenger Car	660	43560	660	44220
Passenger Car	670	44890	670	45560
Passenger Car	680	46240	680	46920
Passenger Car	690	47610	690	48300
Passenger Car	700	49000	700	49700
Passenger Car	710	50410	710	51120
Passenger Car	720	51840	720	52560
Passenger Car	730	53290	730	54020
Passenger Car	740	54760	740	55500
Passenger Car	750	56250	750	57000
Passenger Car	760	57760	760	58520
Passenger Car	770	59290	770	60060
Passenger Car	780	60840	780	61620
Passenger Car	790	62410	790	63200
Passenger Car	800	64000	800	64800
Passenger Car	810	65610	810	66420
Passenger Car	820	67240	820	68060
Passenger Car	830	68890	830	69720
Passenger Car	840	70560	840	71400
Passenger Car	850	72250	850	73100
Passenger Car	860	73960	860	74820
Passenger Car	870	75690	870	76560
Passenger Car	880	77440	880	78320
Passenger Car	890	79210	890	80100
Passenger Car	900	81000	900	81900
Passenger Car	910	82810	910	83720
Passenger Car	920	84640	920	85560
Passenger Car	930	86490	930	87420
Passenger Car	940	88360	940	89300
Passenger Car	950	90250	950	91200
Passenger Car	960	92160	960	93120
Passenger Car	970	94090	970	95060
Passenger Car	980	96040	980	97020
Passenger Car	990	97610	990	99000
Passenger Car	1000	99200	1000	101000

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DATE:
FILE:



TRAFFIC CONTROL PLAN LANE CLOSURES ON MULTILANE CONVENTIONAL ROADS

TCP (1-4) - 12

Texas Department of Transportation
Traffic Operations Division

For construction or other work, specific project engineer approval is required. The project engineer must be present at the work zone for the entire duration of the work. The project engineer must be present at the work zone for the entire duration of the work.

LEGEND

Symbol	Description
[Symbol]	Type 3 Barricade
[Symbol]	Heavy Work Vehicle
[Symbol]	Tractor Mounted Attenuator (TMA)
[Symbol]	Portable Changeable Message Sign (PCMS)
[Symbol]	Sign
[Symbol]	Traffic Flow

GENERAL NOTES

- Flare placement to align with arrow is required.
- All traffic control devices illustrated are REQUIRED, except those denoted as optional.
- The "ROAD WORK AHEAD" sign may be replaced by the "ROAD WORK" sign.
- Visibility of the work zone is less than 1500 feet.
- A "ROAD WORK" sign should be used on the approach to the work zone.
- When a "ROAD WORK" sign is used on the approach to the work zone, it should be placed in the center of the lane.
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TYPICAL USAGE

Device	Short Term Stationary	Intermediate Term Stationary	Long Term Stationary
Mobile	✓	✓	✓

TABLE 1: Minimum Recommended Dimensions for Traffic Control Devices

Device	Minimum Recommended Dimensions (ft)	Minimum Recommended Spacing (ft)	Minimum Recommended Advance (ft)
Type 3 Barricade	48" x 24"	100'	100'
Heavy Work Vehicle	48" x 24"	100'	100'
Tractor Mounted Attenuator (TMA)	48" x 24"	100'	100'
Portable Changeable Message Sign (PCMS)	48" x 24"	100'	100'
Sign	48" x 24"	100'	100'