



**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: 2018-19838

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:

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- a. Name of road, street, and/or drainage ditch affected.
- b. Vicinity map showing course of directions
- c. Plans and specifications

(2) BOND:

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County Attorney, approval when applicable.

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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.

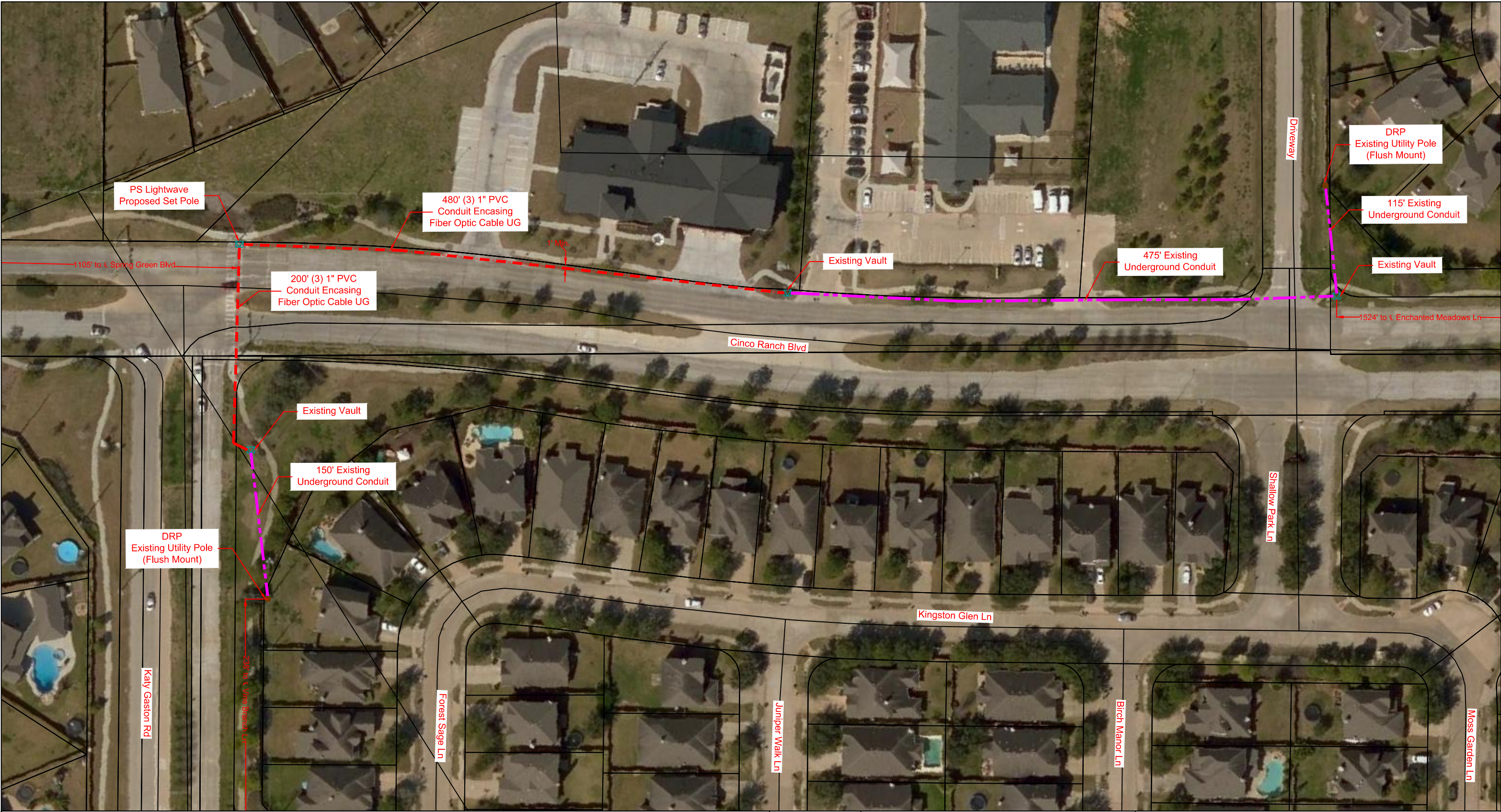
Rick J. Staigle, PE, PTOE

Permit Administrator

4/23/2018

Date

By: _____
Deputy



UG

3(1") HDPE W/ F.O. CABLE

UG

3(1.25") HDPE W/ F.O. CABLE

UG

1(2") HDPE W/ F.O. CABLE

UG

1(4") HDPE W/ 3(1.25")HDPE

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

PSLW SET POLE

EXISTING SET POLE

EXISTING UTILITY POLE

PROPOSED PSLW VAULT (24"x36"x24")

EXISTING VAULT

PULLBOX

MDF LOCATION

PURE SPEED

PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE

Revised PJE 1115

SCALE: 1"=80'

PAGE: 2

OF: 3

REVISION#1: Rev#1

REVISION#2: Rev#2

REVISION#3: Rev#3

REVISION#4: Rev#4

DATE: Rev#1 Date

DATE: Rev#2 Date

DATE: Rev#3 Date

DATE: Rev#4 Date

CUSTOMER ID:
JOB# 10502-7811

CUSTOMER: Notice Of Proposed Utility Installation

ADDRESS: Cinco Ranch Blvd

CITY/ZIP: Katy TX 77494

TENANTS:

WO#: 101910

APPROVED BY:

DATE:

COUNTY: Fort Bend

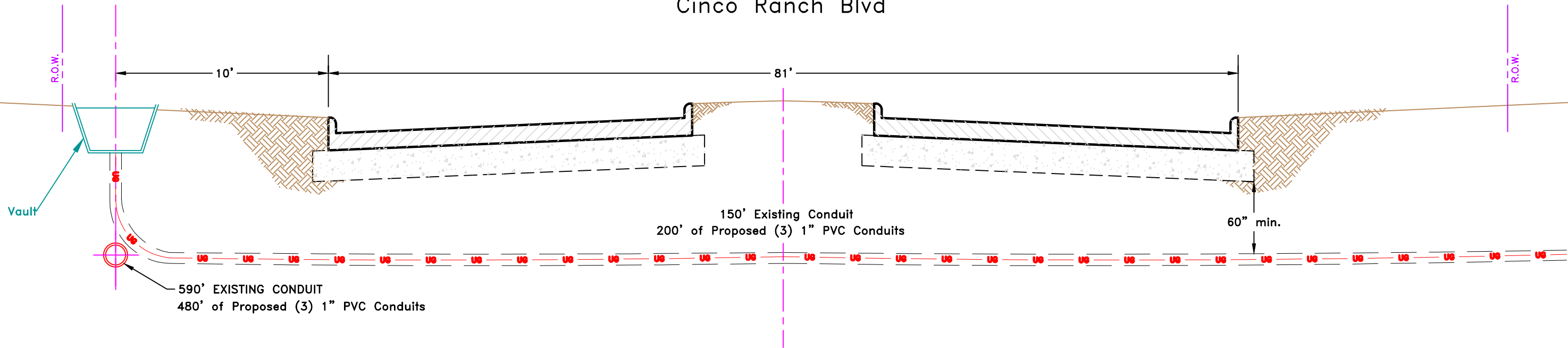
KEY MAP: 524 C

DATE: 03/21/2018

General Notes:

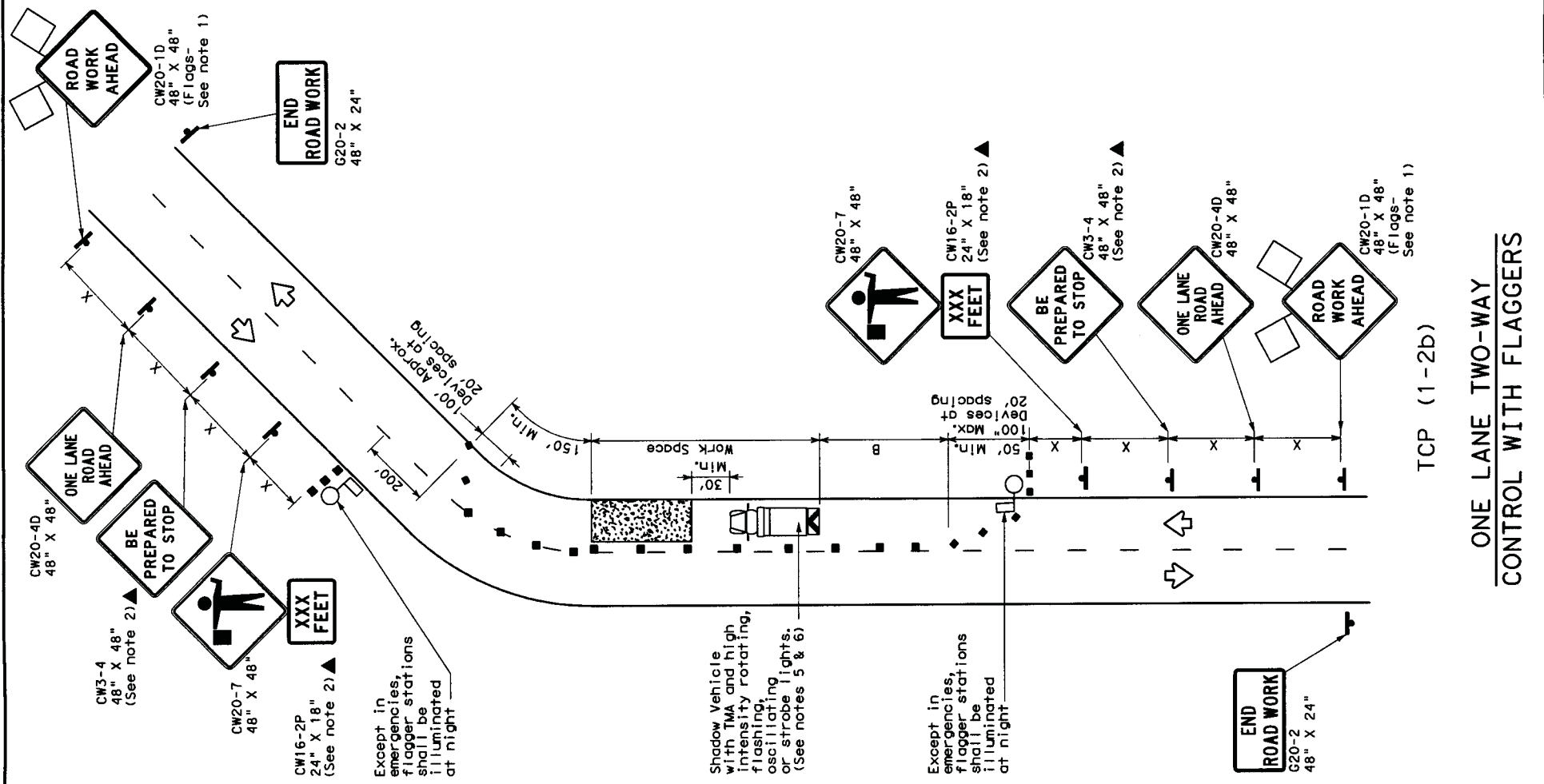
- 1) Surface to be restored to its original condition in compliance with City of Fort Bend County Standards.
- 2) Contractors shall provide and install traffic control devices in conformance with part VI of Texas manual on Uniform Traffic Control Devices (TMUTCD–Latest Edition with Revisions) during construction.
- 3) No Lanes shall be blocked 7am–9am and 4pm–6:30pm Monday thru Friday.

Cinco Ranch Blvd



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 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 PSLW SET POLE EXISTING SET POLE EXISTING UTILITY POLE PROPOSED PSLW VAULT (24"x36"x24") EXISTING VAULT PULLBOX MDF LOCATION			SCALE: N.T.S PAGE: 3 OF: 3 PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE REVISION#1: Rev#1 REVISION#2: Rev#2 REVISION#3: Rev#3 REVISION#4: Rev#4 DATE: Rev#1 Date DATE: Rev#2 Date DATE: Rev#3 Date DATE: Rev#4 Date		Job# Job# 10502-7811 Description: Notice Of Proposed Utility Installation ADDRESS: Cinco Ranch Blvd CITY/ZIP: Katy TX 77494 COUNTY: Fort Bend TENANTS: # OF FLOORS: DWG#: KEY MAP: 524 C WO#: 101910 JOB#: 10502-7811 DRAWN BY: PJE DATE: 03/21/2018 APPROVED BY: DATE:
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DATE:
FILE:

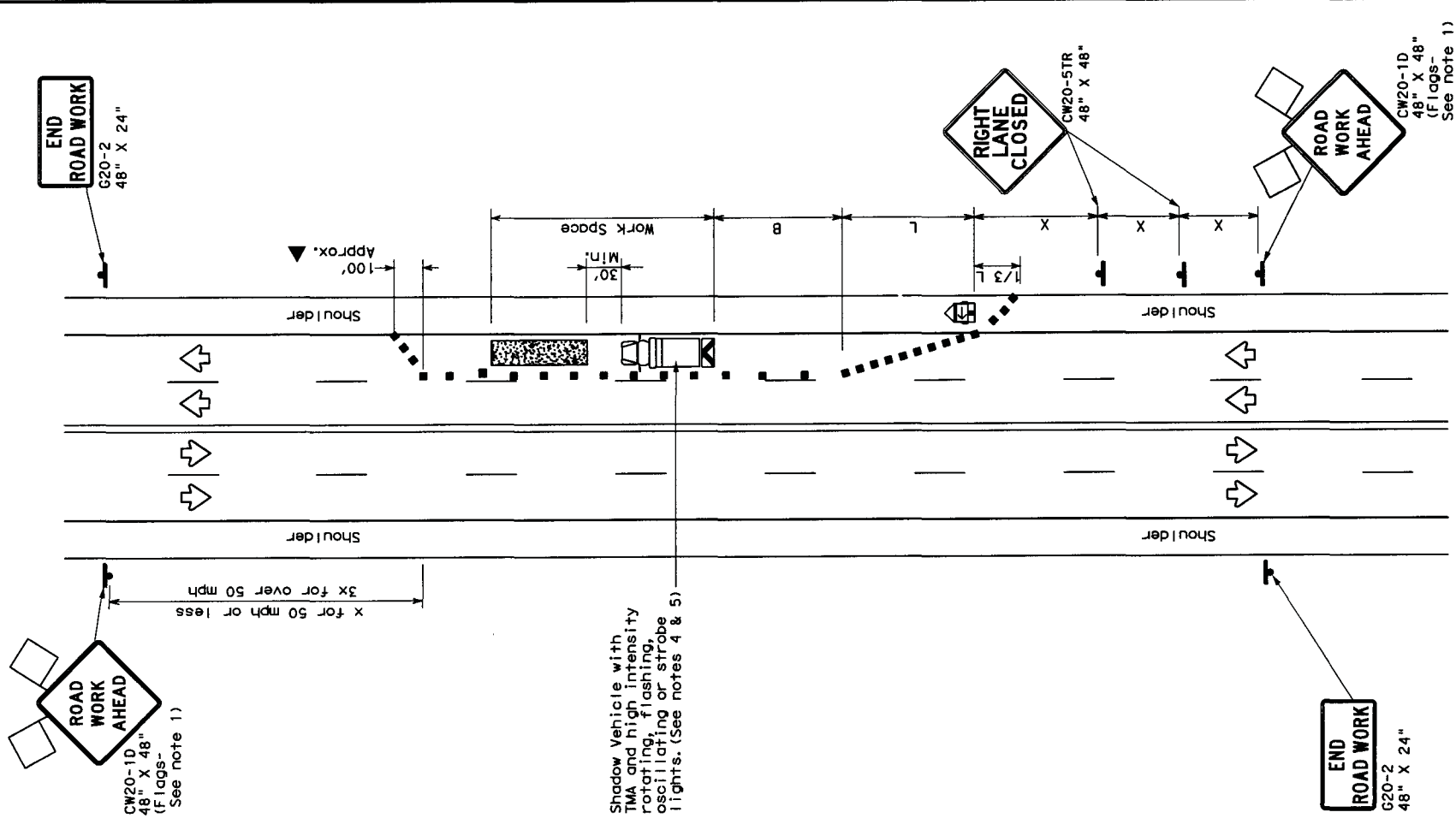


TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	✓			
		✓		

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 CW3-4 "BE PREPARED TO STOP" sign may be installed after the CW20-4D "ONE LANE ROAD AHEAD" sign, but proper sign spacing shall be maintained.
4. Sign spacing may be increased or an additional CW20-1D "ROAD WORK AHEAD" sign may be used if advance warning ahead of the flagger or RI-2 "YIELD" sign is less than 1500 feet.
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 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.
6. Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.

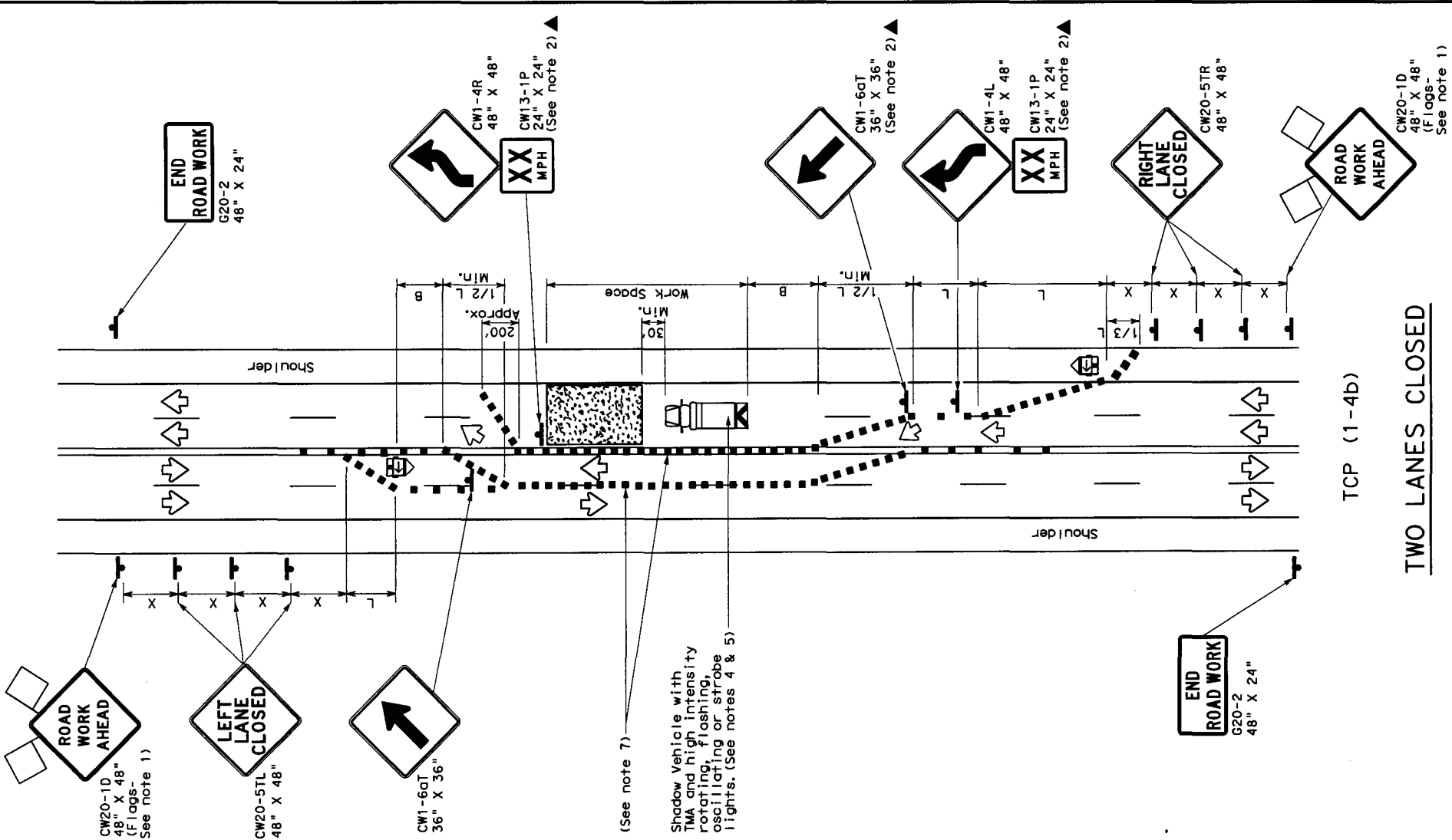
9. Flaggers should use two-way radios or other methods of communication to control traffic.
10. Length of work space should be based on the ability of flaggers to communicate.
11. If the work space is located near a horizontal or vertical curve, the buffer distances should be increased in order to maintain 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 devices 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.



TCP (1-4a)

ONE LANE CLOSED



TCP (1-4b)

TWO LANES CLOSED

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 *	Formula	Minimum Desirable Taper Lengths **	Suggested Maximum Spacing of Channelizing Devices	Minimum Sign Spacing "X"	Suggested Longitudinal Buffer Space "B"
30	$L = \frac{WS^2}{60}$	10' 11' 12' 150' 165' 180' 30' 60'	On a Taper 30' 35' 70'	On a Distance 120'	90'
35		205' 225' 245' 35' 70'			120'
40		265' 295' 320' 40' 80'			155'
45		450' 495' 540' 45' 90'			195'
50		500' 550' 600' 50' 100'			240'
55	$L = WS$	550' 605' 660' 55' 110'			295'
60		600' 660' 720' 60' 120'			350'
65		650' 715' 780' 65' 130'			410'
70		700' 770' 840' 70' 140'			475'
75		750' 825' 900' 75' 150'			540'

* 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	LONG TERM 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 CW20-1D "ROAD WORK AHEAD" sign may be repeated if the visibility of the work zone 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 (1-4c)

- If this TCP is used for a left lane closure, CW20-5TL "LEFT 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 with the arrow panel placed in the closed lane near the end of the merging taper.

TCP (1-4d)

- Where traffic is directed over a yellow centerline, channelizing devices which separate two-way traffic should be spaced on tapers at 20' or 15' if posted speeds are 35 mph or slower, and for tangent sections, at 1/2S where S is the speed in mph. This tighter device spacing is intended for the areas of conflicting markings, not the entire work zone.

Texas Department of Transportation
Traffic Operations Division

TRAFFIC CONTROL PLAN
LANE CLOSURES ON MULTILANE
CONVENTIONAL ROADS

TCP (1-4) -12

Revisions: 1-12
2-94 1-12
8-95
1-97
4-98

DATE: _____
FILE: _____

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.