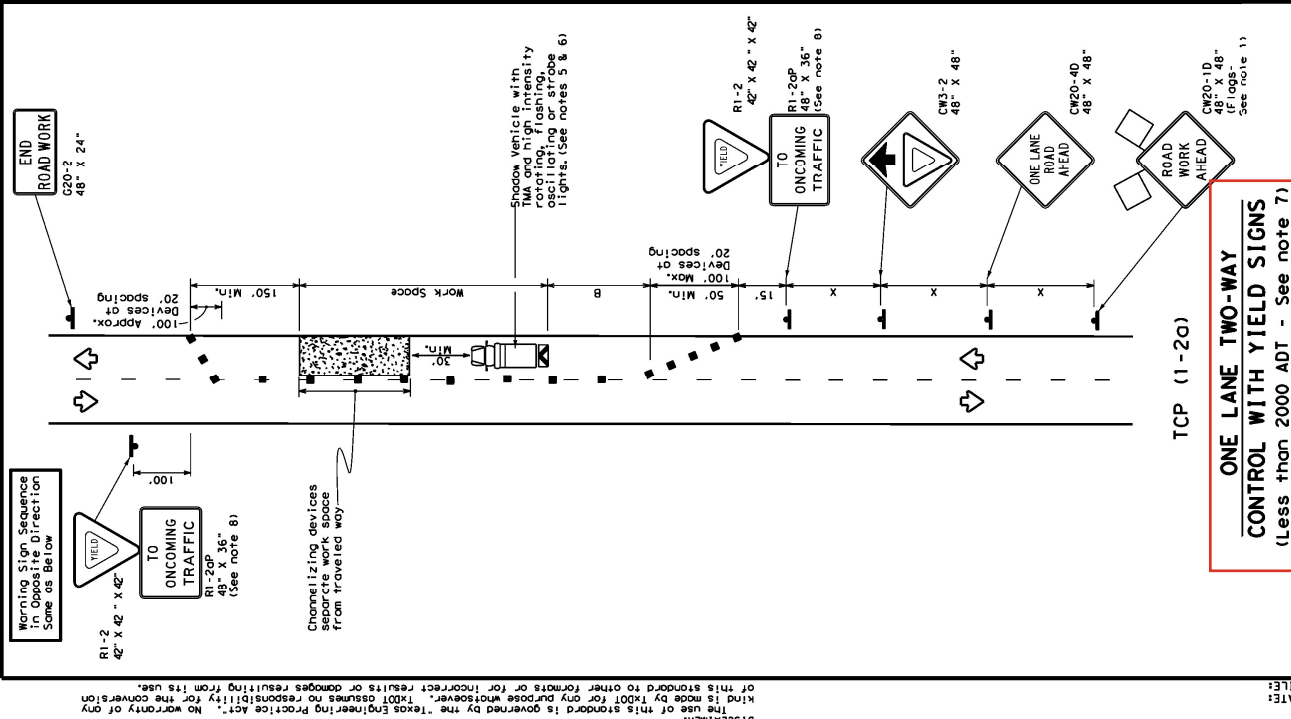
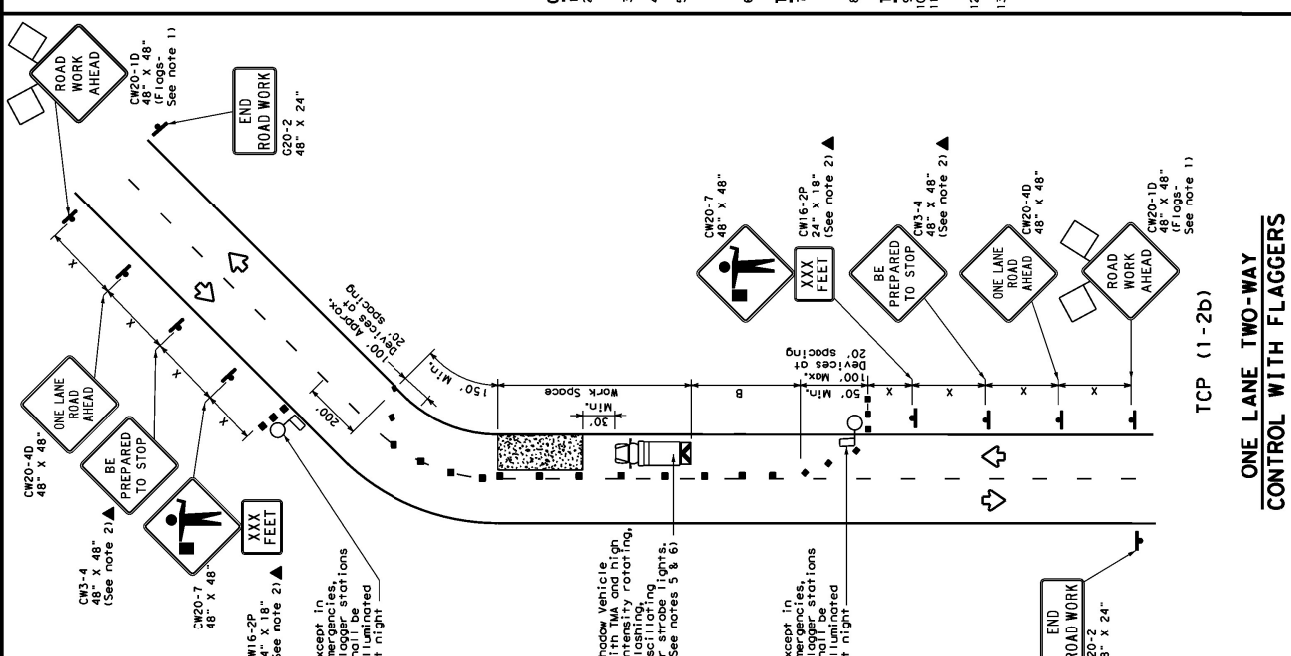




TCP (1-2a)

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



TCP (1-2b)

**ONE LANE TWO-WAY
CONTROL WITH FLAGGERS**

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 Tower Lengths	Suggested Maximum Spacing of Channelizing Devices	Minimum Sign Spacing Distance	Suggested Spacing of Channelizing Devices	Minimum Sign Spacing Distance
30	WS ² / 60	10' - 11' - 12'	On a Tangent	120'	90'	200'
35	L = 60	150' - 165' - 180'	On a Tangent	160'	120'	250'
40		205' - 225' - 245'	On a Tangent	240'	155'	305'
45		265' - 295' - 320'	On a Tangent	320'	195'	360'
50		350' - 395' - 440'	On a Tangent	440'	240'	425'
55	L = WS	500' - 550' - 600'	On a Tangent	600'	300'	495'
60		600' - 660' - 720'	On a Tangent	720'	350'	570'
65		700' - 770' - 840'	On a Tangent	840'	410'	645'
70		800' - 880' - 960'	On a Tangent	960'	475'	730'
75		900' - 1000' - 1100'	On a Tangent	1100'	540'	820'

* Conventional Roads Only rounded off.
** Total length of tower.
L = Length of Tower (ft) W = Width of Offset (ft) S = Posted Speed (MPH)

TYPICAL USAGE

MOBILE	SHORT TERM STATIONARY	INTERMEDIATE 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 maintenance work, when approved by the Engineer.
- 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.
- Use of the CW20-7 "XXX FEET" sign is less than 1500 feet.
- A Shadow Vehicle with a TMA should be used anytime it can be positioned 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 should be used to maintain the traffic control.
- Additional Sign Vehicle with TMA should be positioned off the paved surface, next to those shown in order to protect wider work spaces.

TCP (1-2a)

- RI-2 "YIELD" sign traffic control may be used on projects with approaches that have a half city block. In rural areas on roadways with less than 2000 ADT, work spaces should be no longer than 400 feet.
- RI-2 "YIELD" sign with RI-20P "TO ONCOMING TRAFFIC" plaque shall be placed on a support at a 7 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).
- Flaggers should be positioned on the shoulder of the road 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.

TRAFFIC CONTROL PLAN

ONE-LANE TWO-WAY

TRAFFIC CONTROL

TCP (1-2) - 18

FILED	TCP 1-2-18.dgn	DATE	12/18/18	CITY	HOUSTON	COUNTY	COMMISSION	SECTION	REVISIONS	SHEET NO.
4-90 4-98 2-94 2-12 1-97 2-18										137