TRAFFIC CONTROL PLAN
FOR SURVEYING OPERATIONS

GENERAL NOTES:
1. The G20-2a "END ROAD WORK" sign may be placed on the back of the CW21-6D "SURVEY CREW AHEAD" sign or may be omitted for short duration (less than 1 hour) work.
2. Channelizing devices on the shoulder taper and tangent section may be omitted for short duration (less than 1 hour) work.
3. If line-of-sight requirements for surveying operations will preclude the placement of the Work Vehicle to protect workers, the channelizing devices mentioned in Note 2 are required.
4. A shadow vehicle with a truck mounted attenuator and flashing warning arrow panel in caution mode may be used in lieu of the Work Vehicle to protect the work zone.
5. The CW21-6D "SURVEY CREW AHEAD" sign or may be omitted for short duration (less than 1 hour) work.
6. The CW21-6D "SURVEY CREW AHEAD" sign for low volume intersecting side roads is desirable, but is not required when working less than 15 minutes in one of the side roads, as determined by the Engineer.
7. Cones may be placed at edge of pavement adjacent to the work space to enhance safety.
8. The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made.

DEFINITIONS:
SHORT DURATION - work that occupies a location up to 1 hour.
SHORT DURATION - daytime work that occupies a location for more than 1 hour within a single daylight period.
SHORT TERM STATIONARY - daytime work that occupies a location up to 1 hour within a single daylight period.
LONG TERM STATIONARY - work that occupies a location for more than 1 hour within a single daylight period.

DISTANCE:
L = Length of Taper (FT.)
W = Width of Offset (FT.)
S = Posted Speed (MPH)

OFFSET
TCP(S-1a)
TCP (S-1b)

WORK OFF SHOULDER
OR PAVED SURFACE

WORK ON SHOULDER

TCP (S-1-08A)

REVISED PERIOD:
TYPICAL USAGE:

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<th>WORK</th>
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Note:
8-08 Revision
Corrected misspelling.
**TRAFFIC CONTROL PLAN FOR SURVEYING OPERATIONS**

**TCP (S-3a)**  
RIGHT LANE CLOSED  
WITH OR WITHOUT SHOULDERS

**TCP (S-3b)**  
WORK ON CENTERLINE

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**NOTES:**
1. The CW21-6D "SURVEY CREW AHEAD" sign may be placed on the back of the Shadow Vehicle with a TMA.
2. The CW21-6D "SURVEY CREW AHEAD" sign or may be omitted for short duration (less than 1 hour) work.
3. Shadow Vehicles with a TMA are desirable when workers or equipment are in the work space. When approved by the engineer, Type III barricades or other channelizing devices may be substituted for the Shadow Vehicle.
4. The CW20-1D "ROAD WORK AHEAD" sign may be substituted for the Shadow Vehicle.
5. The CW20-5L "LEFT LANE CLOSED" sign for the seeing alignment of the side road is desirable, but is not required when working less than 15 minutes in one area of the side road, as determined by the engineer.
6. Shoulder tapers are not present. The 1/3 shoulder taper "B" is to be omitted and four channelizing devices shall be placed in front of the arrow panel, perpendicular to traffic.

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**DECLARATION:** The use of this standard is governed by the "Texas Engineering Practice Act." No warranty of any portion of this standard to other formats or for incorrect results or damages resulting from its use.

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**TRAFFIC CONTROL PLAN FOR SURVEYING OPERATIONS**

**TCP (S-3) - 08**

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**CONVENTIONS (Read Only):**
- Width of arrow: *W*
- Length of arrow: *L*
- Speed: *S*