

Minimum Drilled

Sign Face Embedment Required

36"

no

YES

Direction

Nominal

4 x 4

4 x 6

of Traffic

Post No. of Sq. feet of Soil Hole(s)

21

21

36"

21/4" 3"D 21/4" 3"D

2¹/₄" 3"D

21/4"

White Refl.

6"C

3 3/4"

6"C

Alternate legends

MAME

ADDRESS

CITY

STATE

- Black

- Black

- Wolrk -

AHEAD

3

Background - Orange Refl.

WOOD POST SYSTEM M 21/2" FOR FIXED SIGN SUPPORTS 3"D WORKERS ARE PRESENT Dia.(typ)

ER20-5 Picque 36" X 18"

ER20-5

36" X 36"

- Black

11/2"R

EG20-9

36" X 24"

Border

- 36"--

- Black

Background - Orange Refl.

Letters - Black Border - Block Background - White Refl.

Letters - Block Border - Black Background - White Refl.

Only pre-qualified products shall be used. A list of compliant products and their sources may be obtained by writing, calling or faxing:

Standards Engineer Traffic Operations Division - TE Texas Department of Transportation 125 East 11th Street Austin, Texas 78701-2483 Phone (512) 416-3120 Fax (512) 416-3161 E-mail TRF-STANDARD@mailgw.dot.state.tx.us SPECIFICATION REFERENCE TARLE MATERIALS AND TESTS DIVISION SPECIFICATIONS PLYWOOD SIGN BLANKS DMS 7100 ALUMINUM SIGN BLANKS FLAT SURFACE REFLECTIVE SHEETING, TYPE A (ENGINEER GRADE) DMS 8300 FLAT SURFACE REFLECTIVE SHEETING, TYPE B (SUPER ENGINEER GRADE) DMS 8300 FLAT SURFACE REFLECTIVE SHEETING, TYPE C (HIGH SPECIFIC INTENSITY) DMS 8300

Standard signs shall be used as required by the BC Standard sheets, the plans, or as directed by the Engineer to regulate, warn, and guide traffic. All sign usage and erection shall be in strict accordance with the "Texas Manual on Uniform Traffic Control Devices for Streets and Highways" (TMUTCD). The Contractor shall maintain each sign as directed by the Engineer.

The Contractor may use either the sign designs shown on the BC Standard Sheets, or those sign designs shown in the "Standard Highway Sign Designs for Texas" (SHSD). All work zone signs provided for in the TMUTCD but not detailed in the plans may be used when directed by the Engineer.

REFLECTIVE SHEETING

חיים

3¾"

3¾"

םייצ [

Reflectorized signs shall be constructed of retroreflective sheeting meeting the color and reflectivity requirements of Material Specification, DMS 8300 or DMS 8310. Day only is defined as a device that is used only

Type A sheeting should be used for all, day only, applications.

Type A sheeting should be used for all, white background, regulatory signs. Type C sheeting shall be used for all other applications.

The above applications of sheeting grades to different type signs will apply unless otherwise specified in the plans.

TYPE A • Engineer Grade TYPE B - Super Engineer Grade
TYPE C - High Specific Intensity

WORK DURATION TERMINOLOGY-(as defined by the "Texas Manual on Uniform Traffic Control Devices" Part VI)

Long-term Stationary - occupies a location 3 or more days: Intermediate-term Stationary - accupies a location from overnight to 3 days;

Short-term Stationary - daylight work that occupies a location from 1 to 12 hours:

Short Duration - occupies a location up to 1 hour.

SUPPORTS AND MOUNTING HEIGHT

The bottom of Long-term / Intermediate-term signs should be at least 7 feet above the paved surface. The bottom of any supplementary plaques shall be at least 6 feet above the paved surface.

The bottom of Short-term / Short Duration signs shall be a minimum of I ne bottom of Short-term / Short Duration signs shall be a minimum of 1 foot above the pavement surface but no more than 24" above the ground.

Long-term / Intermediate-term Signs may be used in lieu of Short-term / Short Duration signing. Short-term / Short Durations signs shall be used only during daylight and removed at the end of the workday.

Regulatory signs shall be mounted at least 7 feet above the paved surface regardless of work duration.

SIGN SUPPORT WEIGHTS

Where sign supports require the use of weights to keep from turning over, the use of some type of sandbag is recommended. The use of pieces of rock, concrete, iron, steel or other solid objects will not be permitted. Sandbags shall only be placed along or upon the base supports of the device and shall not be suspended above ground level or hung with rope, wire, chains or other

REMOVING OR COVERING

When sign messages may be confusing or no longer apply, the signs and supports shall be removed from roadway and shoulder, or the signs shall be completely covered. Turning signs from motorists view will not be allowed. When signs are covered the materialused shall be opaque, such as heavy mil black plastic. Burlap shall not be used to cover signs. Signs shall be removed upon completion of the work.

Duct tape or other adhesive material shall not be affixed to sign face.

10/99 Revision Added new signs

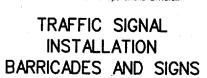
Added details of Short Term sign supports

Added detail for use of 1 - 4"x6" post

Added chart to page

STANDARD PLANS

TEXAS DEPARTMENT OF TRANSPORTATION



SHEET 2 OF 2

WZ(BTS-2)-99

			□×· GRB	10	FDN	CK: CAL
STATE DESTRICT	FEDERAL REGION	FECERAL AD PROJECT				SHEET
	6					19
COUNTY			CONTROL	SECTION	JOB	HICHWAY
	เคราครับ	6	6	6	6	6