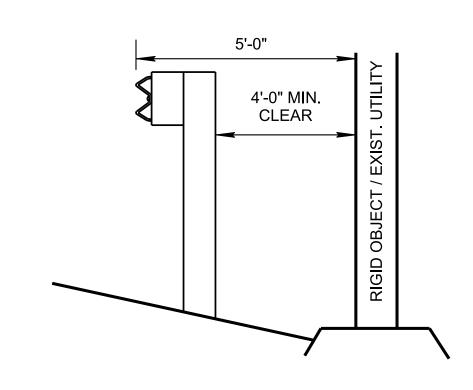


NOT TO SCALE

NOTES FOR MEASURING THE HEIGHT OF GUARDRAIL :

- 1 IF THE GUARDRAIL IS WITHIN 2 FEET OF THE SHOULDER, THE GUARDRAIL HEIGHT IS MEASURED BY EXTENDING THE SHOULDER SLOPE (SEE DETAIL A).
- 2 IF THE GUARDRAIL IS 2 FEET OR MORE AWAY FROM THE SHOULDER, THE GUARDRAIL HEIGHT IS MEASURED FROM THE GROUND (SEE DETAIL B).



TYPICAL MIN. CLEAR TO A RIGID OBJECT

(SEE TABLE BELOW IF LESS DEFLECTION IS DESIRED) (REFER TO MWRSF REPORT TRP 03-171-06)

GUARDRAIL POST REDUCTION IN DEFLECTION FOR SINGLE W-BEAM

POST SPACING

DEFLECTION

NOTE: THE DEFLECTION DISTANCE SHOWN ON THE ABOVE TABLE IS FOR GUIDANCE ONLY. THE ACTUAL DEFLECTION DISTANCE MAY BE LESS THAN AS SHOWN.

	GE	NERAL	NO
A	THAT THE G	AIL IS IN A CUF UARDRAIL FA JM OF 8' FROI	CE IS E
В	REFER TO R SECTIONS.	D11-TS SERIE	ES OF S
С	REFER TO T ON 2:1 SLOF	EXAS A & M R 'E.	EPORT
\bigcirc	PAY ITEMS:		
		W BEAM GR W BEAM GR	

REV. 12-1-14: ADDED NOTE TO DETAIL E MINOR DRAFTING UPDATE. ADDED TABLE

REV.4-4-16: GENERAL REVISION.

REV. 06-28-19: ADDED GENERAL NOTE(E) AND (F). REVISED TABLE FOR GUARDRAI POST REDUCTION IN DEFLECTION FOR SINGLE W-BEAM. REVISED DETAILS A THRU E. REMOVED TABLE A. REDRAW SHEET.

REV. 06-15-21: REVISED ALL DETAILS. DELETED GENERAL NOTES (A) AND (C), ADJUSTED LOCATION OF GENERAL NOTE NO'S. REVISED GENERAL NOTES (B)AND (ADDED NOTES UNDER DEFLECTION TABLE AND FOR GUARDRAIL HEIGHT MEASUREMENT.

6' - 3"	3' - 1 1/2"	1' - 6 3/4"
3' - 6"	3' - 0"	2' - 6"

DTES TO DESIGNER

) GUTTER SECTION, IT SHALL BE PLACED SUCH EVEN WITH THE BACK OF THE CURB (DETAIL C) CURB (DETAIL D).

STANDARD DRAWINGS FOR ROADWAY TYPICAL

T NUMBER 405160-20, FOR GUARDRAIL PLACED

2) MASH TL3. L.F. (6' POST) 2) MASH TL3 (LONG POST), L.F. (8' POST)

