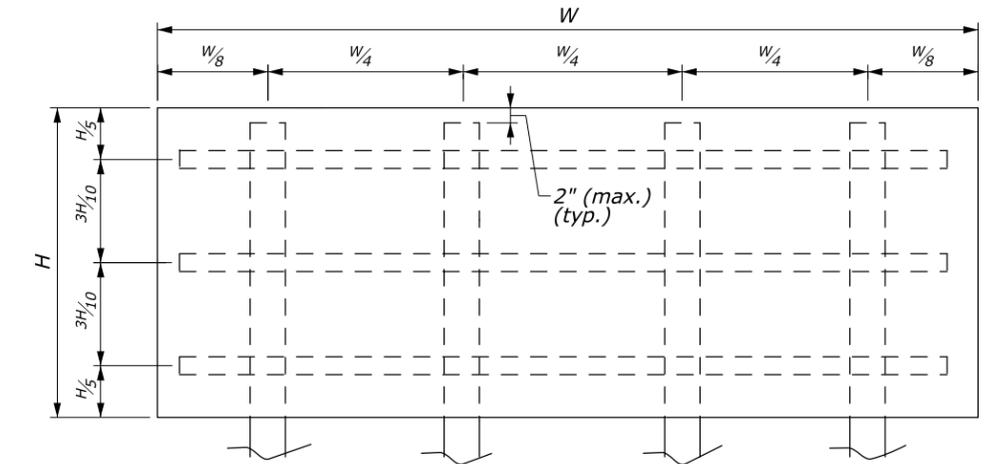
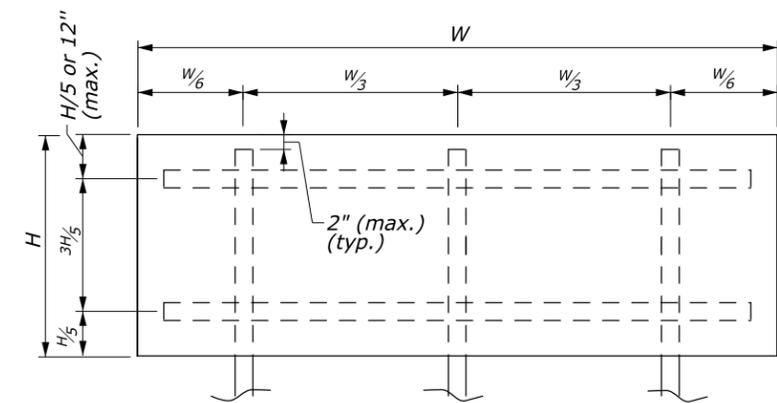
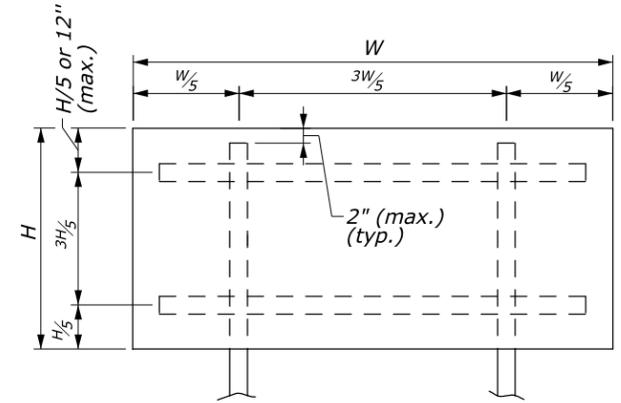
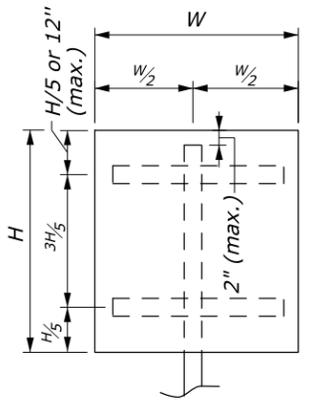


ROADSIDE SIGN IN RURAL DISTRICT



NOTES:

1. Locate and set sign height according to the "Manual on Uniform Traffic Control Devices" (MUTCD), latest edition.
2. For U-channel, square tubular, and corrosion resistant steel posts for which the sign panel area is 10 square feet or less but W is over 4 feet, use double posts.
3. For square tubular steel double posts for which the sign panel area is equal to 24 square feet, use slip base according to manufacturer's recommendations.
4. Refer to Detail E633-02 for breakaway support details for corrosion resistant steel posts.
5. Refer to Detail E633-03 for breakaway support details for wood, U-channel steel and square tubular steel posts.
6. Refer to Detail E633-04 for bracing details for wood, U-channel steel and square tubular steel posts.
7. Refer to Section 2A.21 of the MUTCD, latest edition, for additional information.

POST SIZE TABLE					
POST TYPE	POST SIZE	MAXIMUM SIGN AREA (SQFT)			
		SINGLE POST	DOUBLE POST	TRIPLE POST	QUADRUPLE POST
Wood	4" x 4"	10	20		
	4" x 6"	15	35	45	60
	6" x 6"	20	50	75	100
U-Channel Steel		10*	24	30	
Square Tubular Steel	2" 12 ga.	10*	16		
	2" 12 ga.	10*	24**		
Corrosion Resistant Steel	2" x 2" 10 ga. Class B	10*	24		

* See Note 2
** See Note 3

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION OFFICE OF FEDERAL LANDS HIGHWAY	
EFLHD DETAIL	
SIGN STRUCTURES	
DETAIL APPROVED FOR USE APPROVED: MAY 2011 REVISED: SEPTEMBER 2020	DETAIL E633-01



NOTES TO THE DESIGNER

January 16, 2019

General Information

1. *If any of Details E633-02, -03, -04, or -05 is used, also include Detail E633-01.*
2. *For Breakaway Sign Supports, use Detail E633-02 for Corrosion Resistant Steel and use Detail E633-03 for Wood and Steel.*
3. *For sign bracings if needed, use Detail E633-04 (Sign bracings are usually needed for signs with 48" width or greater). Verify with Safety, COE and Partner Agency if bracings are required.*
4. *For "Folding Signs" use Detail E633-05.*
5. *Project Specific Details should be created for NPS UniGuide sign systems.*

Applicable SCRs.

1. Section 633 PERMANENT TRAFFIC CONTROL.
Make sure to specify the post materials (See FP 633.01 for designated posts materials: wood, aluminum, galvanized steel, or corrosion resistant steel) in the plans (typically on Summaries and Schedules sheets), in the sign pay item name, or in the SCR.

Typical Pay Item Used

- 63305-0100 thru 63305-1600 Posts, steel (Different sizes/shapes) (LNFT)
- 63305-1700 thru 63305-2000 Posts, wood (Different sizes) (LNFT)
- 63306-0100 thru 63306-1600 Posts, steel (Different sizes/shapes) (Each)
- 63306-1700 thru 63306-2000 Posts, wood (Different sizes) (EACH)

- 63319-0000 Post sleeve (EACH)

Updates

- 01/2019 – Updated "General Information" due to Details updates.
- 09/2020 - Revised the applicable SCRs section to not refer to LOS (There are no 633 LOS in the library yet).