



**42-INCH CONSTANT SLOPE BARRIER PLATE
TOP MOUNT DETAIL
MODIFIED SADDLE BRACKET**

NOTES:

1. REFER TO STD DWG SN 8 FOR SIGN MOUNTING AND HARDWARE REQUIREMENTS.
2. REFER TO STD DWG SN 2B SIGN MOUNTING HEIGHT AND SIGN WIDTH REQUIREMENT.
3. REFER TO STD DWG SN 12A. POST LENGTH DETERMINED BY SIGN SIZE.
4. USE HOLES TAPPED 0.010 OVERSIZED FOR HOT DIP GALVANIZING.
5. USE BASE PLATE:
3/4 INCH ASTM A 36 STEEL BEND AS PER DETAIL
MEET ASTM A 123 GALVANIZING AFTER FABRICATION IS COMPLETED.
6. REQUIRED HARDWARE PER SIGN BASE:
4 - 3/4 x 5 1/2 INCH MECHANICAL WEDGE ANCHORS HOT DIP GALVANIZED
4 - 3/4 INCH FLAT WASHERS HOT DIP GALVANIZED
4 - 3/4 INCH LOCK WASHERS HOT DIP GALVANIZED
4 - 3/4 INCH NUTS, HOT DIP GALVANIZED
7. DRILL (4) - 3/4 INCH DIA HOLES 5 INCH DEEP, CLEAN HOLE PRIOR TO INSTALLING ANCHORS.
8. EXPOSE NO MORE THAN 1/2 INCH OF THREAD BEYOND NUT AFTER NUT IS TIGHTENED. DO NOT FLAME CUT WEDGE ANCHORS.
9. USE WITH B3, B7D, AND B4B BASES.

DESIGN-ONLY NOTES:

- A. USE ONLY FOR RETROFIT INSTALLATIONS UNDER THE DIRECTION OF THE REGION TRAFFIC ENGINEER AND ONLY FOR SIGNS 20 SQ FT OR LESS.

REVISIONS	
NO.	DATE
1	8/31/17
	DATE
	APPR.
	CGW
	UPDATED NOTE A AND ADDED 42-INCH TO DETAIL TITLE
	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL
Randy J. Park
CHAIRMAN STANDARDS COMMITTEE
APPROVED

DATE: AUG. 31, 2017
DEPUTY DIRECTOR

**BARRIER MOUNTED
TUBULAR STEEL
SIGN BASES
20 SQ FT OR LESS**

STANDARD DRAWING TITLE

STD. DWG. NO.
SN 14A

SUPPLEMENTAL DRAWING