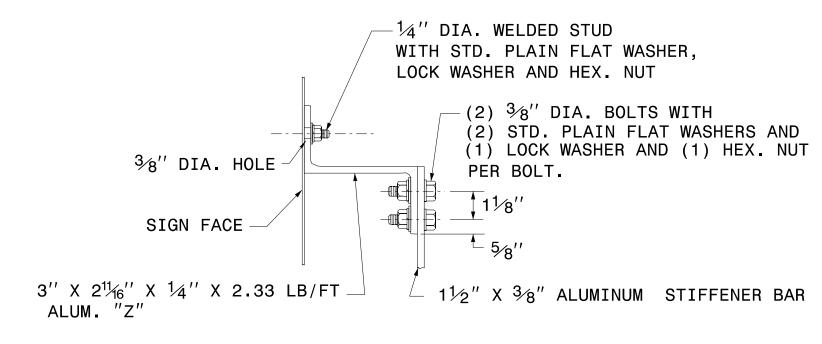
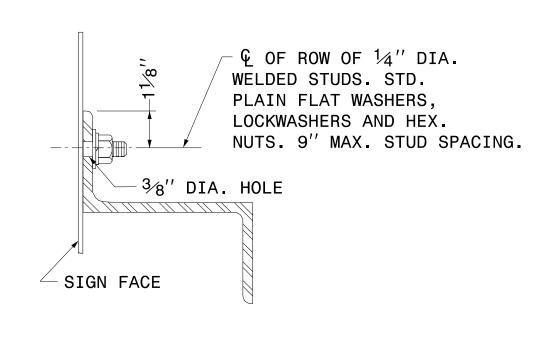
TIP NO. SHEET NO. I-5936 SIGN-2A APPROVED: 7/20/2021 DATE:

STATE OF 2-19
NORTH CAROLINA
T. OF TRANSPORTATION
VISION OF HIGHWAYS
RALEIGH, N.C. FLAT WASHER- $^{-}3/_{8}{''}$  - 16 NYLON INSERT LOCK NUT "W" ( 12'-0" MAX.)  $\frac{1}{16}'' - \frac{1}{8}''$  GAP 3∕8″ DIA. THRU BOLT NOTE # 7 -SEE DETAIL A NYLON WASHER

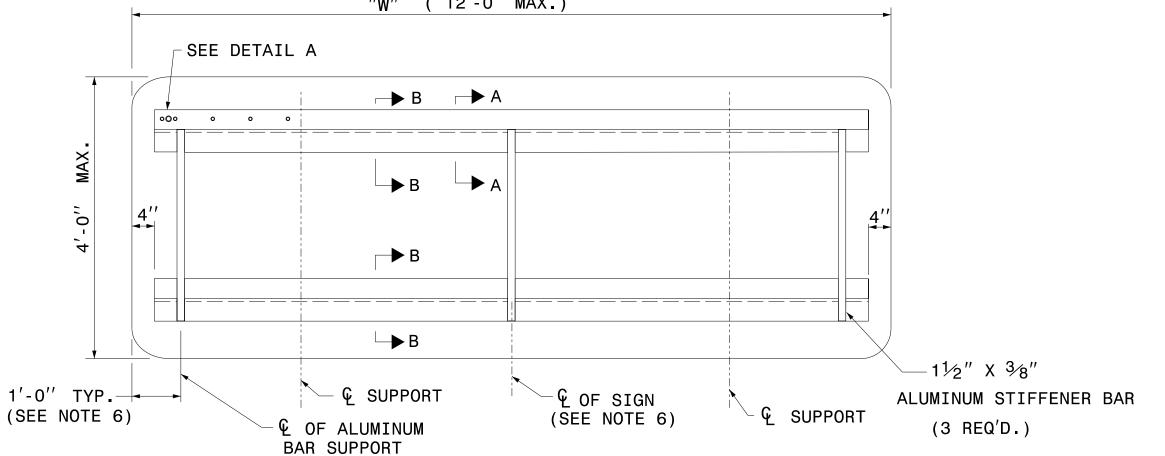
3/8"I.D.,7/8"O.D., 1/16"THICK \$ Ø \$  $\frac{1}{16}$  DIA. HOLE <sup>∠</sup>1⁄4′′ WELDED STUD< SIGN FACE DETAIL "A"



SECTION A-A STIFFENER DETAIL



SECTION B-B



NOTES:

- 1. USE NUMBER AND SIZE OF SUPPORTS SHOWN ON SUPPORT CHART IN PROJECT PLAN SHEETS.
- 2. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES FOR THE TYPE OF MATERIAL TO BE USED FOR SIGN PANELS, HANGER ASSEMBLIES AND SUPPORTS.
- 3.FURNISH ALL MOUNTING HARDWARE.
- 4.USE GALVANIZED STEEL FOR BACKING PLATES AND MOUNTING BOLTS.
- 5. THE VERTICAL DIMENSION BETWEEN PRIMARY AND SECONDARY SIGNS IS TWO (2) INCHES.
- 6.ADJUST STIFFENERS TO AVOID CONFLICT WITH SUPPORTS.
- 7. FABRICATE EACH SIGN WITH A 3/8'' DIA. BOLT 4'' FROM EACH END OF EACH "Z" BAR THRU SIGN PANEL AND "Z" BAR.
- 8.SEE ROADWAY STANDARD 901.70 FOR SUPPORT AND "Z" BAR SPACING.
- 9. SEE ROADWAY STANDARD 901.80 FOR DETAILS SHOWING SIGN MOUNTING TO SUPPORTS.
- 10.PLACE NYLON WASHER UNDER HEAD OF 3/8" THRU BOLT.
- 11. THRU BOLTS WILL HAVE A MINIMUM  $\frac{1}{16}$ " TO MAXIMUM  $\frac{1}{8}$ " GAP.

NORTH CAROLINA

OF TRANSPORTATION

VISION OF HIGHWAYS

RALEIGH, N.C. DEPT. DIVI 7

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SHEET 1 OF 1 901D20

SHEET 1 OF 1 901D20

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DETA: PE ': STUD

IL DRAWING FOR SIGNS
CONSTRUCTION

FOR

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REVISED SIGNING ROADWAY STANDARD DRAWING