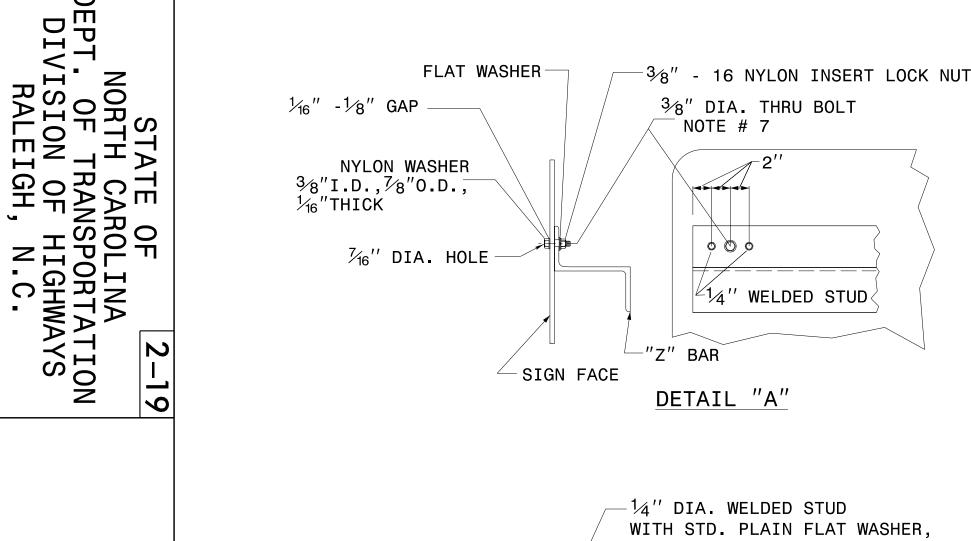
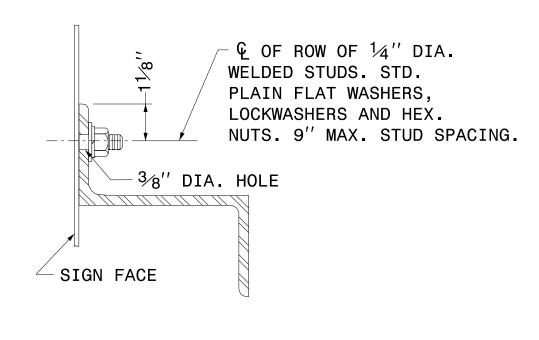
TIP NO. SHEET NO. I-5932B SIGN-2A Ayman Alqudwah APPROVED: 7/26/2021 DATE:

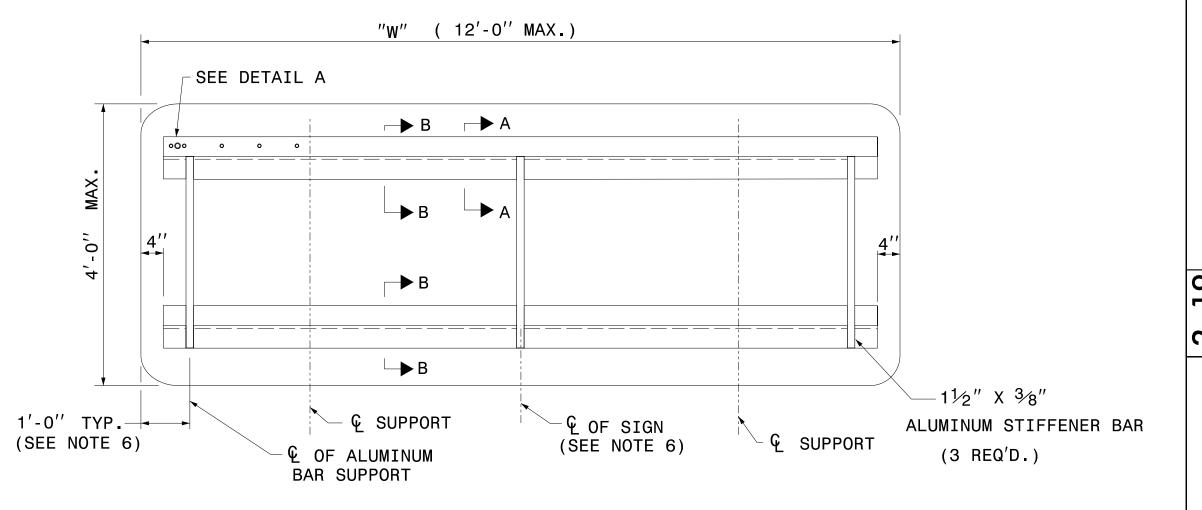


LOCK WASHER AND HEX. NUT - (2) $\frac{3}{8}$ " DIA. BOLTS WITH (2) STD. PLAIN FLAT WASHERS AND (1) LOCK WASHER AND (1) HEX. NUT 3∕8″ DIA. HOLE PER BOLT. NGL SIGN FACE 3'' X $2^{11}/_{6}''$ X $1/_{4}''$ X 2.33 LB/FT \square \square $1/_{2}''$ X $3/_{8}''$ ALUMINUM STIFFENER BAR ALUM. "Z" DETA: PE ': STUD

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

> FOR ION NG SIGNS CONSTRUC DRAWI DETAIL
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SHEET 1 OF 1 901D20

SHEET 1 OF 1 901D20

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BIAL

IL DRAWING FOR SIGNS
CONSTRUCTION

FOR

REVISED SIGNING ROADWAY STANDARD DRAWING