TIP NO. SHEET NO. R-3833C SIGN-1B

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TIP NO. 3/21/2019 BC60F6E8B584403... SEAL 042546 2-19 STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C. STATE OF 12-19
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C. FLAT WASHER- $^{-3}$ 8" - 16 NYLON INSERT LOCK NUT "W" (12'-0" MAX.) $\frac{1}{16}'' - \frac{1}{8}'' \text{ GAP}$ 3/8" DIA. THRU BOLT NOTE # 7 SEE DETAIL A NYLON WASHER 3/8"I.D.,7/8"O.D., 1/16"THICK 000 0 0 0 999 7₁₆" DIA. HOLE - \rightarrow B \rightarrow A $^{leph1}4^{\prime\prime}$ WELDED STUD< **⊢** B ✓ SIGN FACE DETAIL "A" —1½″ X ¾8″ 1'-0" TYP. — ૄ OF SIGN ALUMINUM STIFFENER BAR (SEE NOTE 6) (SEE NOTE 6) $-\frac{1}{4}^{\prime\prime}$ DIA. WELDED STUD € OF ALUMINUM (3 REQ'D.) WITH STD. PLAIN FLAT WASHER, BAR SUPPORT 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 ENGL PER BOLT. OR IL DRAWING FOR S' SIGNS
CONSTRUCTION WELDED SIGN FACE — NOTES: 3" X 211/6" X 1/4" X 2.33 LB/FT 1. USE NUMBER AND SIZE OF SUPPORTS SHOWN ON SUPPORT CHART IN PROJECT PLAN SHEETS. dn. 2. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTION A-A ENGLISH DETAIL

TYPE 'B'

WELDED STUD CO FOR THE TYPE OF MATERIAL TO BE USED FOR SIGN PANELS, STIFFENER DETAIL IL DRAWING

8' SIGNS

CONSTRUCT: 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 / € OF ROW OF ¼" DIA. IS TWO (2) INCHES. WELDED STUDS. STD. PLAIN FLAT WASHERS, 6.ADJUST STIFFENERS TO AVOID CONFLICT WITH SUPPORTS. ENGL NOI LOCKWASHERS AND HEX. FOR 7. FABRICATE EACH SIGN WITH A 3/8" DIA. BOLT 4" FROM NUTS. 9" MAX. STUD SPACING. EACH END OF EACH "Z" BAR THRU SIGN PANEL AND "Z" BAR. ─3⁄8″ DIA. HOLE 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. ∠ SIGN FACE 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. SECTION B-B SHEET 1 OF 1 SHEET 1 OF 1 901D20 901D20 REVISED SIGNING ROADWAY STANDARD DRAWING