FED. RD. DIVISION 138 STATE PROJECT 141 OHIO 2 LAK-2-0.02 NOTES EXTRU-SHEET PANELS SHALL BE ALUMINUM; SPOT WELDING, MATERIALS AND HARDWARE SHALL CONFORM WITH SPECIFICATION NO. 815 COMBINATIONS OF 12", 18" AND 24" PANELS ARE TO BE USED TO ATTAIN REQUIRED SIGN HEIGHT. INDIVIDUAL PANELS SHALL BE THE SAME LENGTH AS THE HORIZONTAL LENGTH OF SIGN, WITH NO SPLICES. THE PANELS SHALL BE ERECTED HORIZONTALLY AND BOLTED ON 24" CENTERS. THE PANELS SHALL BE FASTENED TO EACH VERTICAL SUPPORT MEMBER WITH MOUNTING CLIPS; ALTERNATELY AT EACH HORIZONTAL EXTRUSION; BOTH SIDES AT EACH JOINT, AND BOTH SIDES AT TOP AND BOTTOM EDGES OF SIGN. THE PANELS SHALL BE DESIGNED IN ACCORDANCE WITH THE A.A.S.H.O SPECIFICATION FOR THE DESIGN AND CONSTRUCTION OF STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, BASE ON A WIND LOAD OF 35 # / SQ. FT. THE MAXIMUM SIGN LENGTH FOR TWO SUPPORTS IS 19'-0". THE MAXIMUM SIGN LENGTH FOR THREE SUPPORTS IS 29'-0" SPOT WELDS MAXIMUM SPOT WELD SPACING CENTER TO CENTER BETWN ROWS SIZE 10 INCH 12 INCH 4 INCH 18824 INCH 8 INCH 4 INCH BUREAU OF TRAFFIC OHIO DEPARTMENT OF HIGHWAYS ALUMINUM BOLTED ECD **EXTRUSHEET** PANEL SIGN

APPROVED Jud C. Jarbol ENGINEER OF TRAFFIC ALUMINUM BOLTED-EXTRUSHEET PANEL SIGN

12" BOLTED-EXTRUSHEET PANEL 18" BOLTED-EXTRUSHEET PANEL 24" BOLTED-EXTRUSHEET PANEL ----.080 ___________ 1.92" (TYP) FRONT VIEW SIDE VIEW FRONT VIEW SIDE VIEW FRONT VIEW SIDE VIEW C OF SUPPORT ¢ OF SUPPORT 3/1 x 13/1 -16 ALUM. BOLT SQUARE HEAD 5/1 x 5/1 x 3/1 --CLIP DETAIL SELF-ALIGNING ALUM.

MOUNTING CLIP 7/8 x 5/8 SLOT HEX. STOP NUT. $\frac{3}{8}$ -16 x $\frac{3}{4}$ " LONG ALUM. BOLT, NUT & LOCKWASHER BEAM SUPPORT SECTION C-C SECTION B-B SECTION A-A

GENERAL

ARRANGEMENT