OKLAHOMA DEPARTMENT OF TRANSPORTATION FED. ROAD DIST. NO. STATE JOB PIECE NO. FISCAL SHEET TOTAL YEAR NO. SHEETS 6 OKLA, 27050(04) 2017 4" I-BEAMS @ 2.64 LB/FT. FOR NO. OF 4" I-BEAMS REQUIRED & SPACING, 3/8" U-BOLT SHOULD BE LOCATED IMMEDIATELY ADJACENT TO PANEL POINTS SEE NOTE I THIS SHEET CONNECTION OF HANDRAIL SHALL CONTROLLER - PHOTO-ELECTRIC FOR CONTROL OF SIGN LIGHTING (TO BE USED ONLY WHEN SPECIFIED). BE MADE OF CASTINGS OR BE WELDED DETACHABLE TYPE 120 VOLTS 60 CYCLE OUTDOOR PHOTOELECTRIC LIGHTING CONTROL COMPLETE WITH CADMIUM SULPHATE PHOTO CONDUCTIVE CELL LEAD CONTACTS RATED 1000 WATTS, NEOPRENE BASE PLATE GASKET, 3 POLE POLARIZED PLUG (TWIST - LOCK), AND LIGHTNING ARRESTOR AIL NOT MOUNTED IN CONTROL. OUTDOOR MAGNETIC CONTROLLER WITH 120 VOLTS 60 CYCLE OPERATING COIL, LIGHTNING ARRESTOR, LOAD FUSE, 30 AMPERE SPST NORMALLY OPEN CONTACTS, THREE POLE POLARIZED RECEPTACLE (TWIST - LOCK) WITH ADJUSTMENT FOR ORIENTING CONTROL THROUGH 180 DEGREES, AND BRACKETS FOR POLE MOUNTING. LIGHT FIXTURE MOUNTING EXTRUSION WALKWAY & HANDRAIL GENERAL NOTE TYPICAL INSTALLATION TWO DIRECTIONS OF TRAFFIC WALKWAY & HANDRAIL MAY BE STARTED ON THE RIGHT SIDE OF THE STRUCTURE AT ANY POINT BETWEEN THE UPRIGHT & 4" LEFT OF THE © OF THE UPRIGHT. WALKWAY & HANDRAIL ON THE LEFT SIDE SHALL EXTEND AT LEAST I PAST THE LEFT SIDE OF THE FARTHEST LEFT SIGN. - DETAIL "A 7'-0" MAX. TYPICAL INSTALLATION
ONE DIRECTION OF TRAFFIC
CANTILEVER TRUSS 14'-0" MAX TYPICAL INSTALLATION OF WALKWAY - 9/32" DRILL HOLE 4" I-BEAM @ 2.64 LB/FT. FOR NO. OF 4" IBEAMS -STAINLESS STEEL SELF TAPPING SCREW 1" x 1/4" x 2'-6" LONG ALUMINUM ALLOY 6061-T6 REQUIRED & SPACING, SEE NOTE I -1/8" DRILL HOLE 4 BARS PER SPLICE 3/8" U-BOLT SHOULD BE LOCATED IMMEDIATELY ADJACENT TO PANEL POINTS. USE BEVELED WASHERS. ∠I/4" X 3" LONG FLATHEAD RIVET DETAIL "C MAX. 10" ALUM. CHAIN W/ APPROX. 3/16" WIDE LOOPS CLAMPING CLIP OR 10" GALV. # 16 DOUBLE JACK CHAIN 'I-BEAM, 3/4 SIDE VIEW OF ABUTTING PANEL DETAIL SEE NOTE HANDRAIL LOCKING WITH SPLICE DETAIL THIS SHEE USE TAPERED WASHER RIVET W/CHAIN 3/8" ALUM. STUD ALLOY 2024-T4 BOTTOM EDGE OF SIGN SHALL NOT PROJECT W/204 ALUMILITE BELOW THE BOTTOM FINISH CHORD OF THE TRUSS 3/8" LOCK NUT-'8" LOCK NUT <u>end</u> View HANDRAIL RAISED SEC. "D-D" HANDRAIL I-I/4" SCH. IO PIPE WALKWAY SECTIONS SHALL BE BOLTED EVERY 24" ALLOY 6063-T832 OR APPROVED ALTERNATE BOTTOM VIEW 12" WALKWAY PANEL WITH BOLT DETAIL TWO I-I/4" \times I-3/4" \times 3/16" \times 6" TOP VIEW -15" € @ 1.71 LB/FT ALLOY 6061-T6 LONG ANGLES VIEW ALLOY 6061-T6 WALKWAY DETAILS 3"℃ @ 1.42 LB/FT ALLOY 6061-T6 MOUNTING EXTRUSION FOR LIGHT FIXTURE SECURED WITH 3/8" x 1" LG. RD. HD. MACHINE HANDRAIL I-1/4" SCH. 10 PIPE 5/16" Φ HOLE FOR — 12" EXTRUDED SIGN PANEL, ALLOY 6063-T832 SCREW & HEXNUT. USE TAPERED WASHER 1/4" \$\phi \times 3"
LONG RIVET FOR LOCKING HANDRAIL IN RAISED POSITION, SEE "HANDRAIL LOCKING RIVET SIGN CONNECTION DETAIL PANELS FOR WALKWAY ARE 1.42 6061 BOLTED ON I-BEAM AS SHOWN *3/8" U-BOLTS SHALL BE ASTM A-82 STEEL, SIZE WI2 GALVANIZED IN ACCORDANCE WITH W/CHAIN" DETAIL 3". [@ Alloy AASHTO M-IIIUSE STANDARD 3/8" THREAD. INSTALLATION TORQUE FOR NUTS 120 IN.-LB. MIN. - 280 IN.-LB. MAX. ₩ ≅ HANDRAIL LOCKING RIVET IN 5/16" HOLE WHEN NOT IN USE NOTE I:
2 I-BEAMS REQUIRED FOR SIGNS TO 10'-6" LONG.
3 I-BEAMS REQUIRED FOR SIGNS TO 20'-0" LONG
4 I-BEAMS REQUIRED FOR SIGNS 20'-6" TO 28'-0"
5 I-BEAMS REQUIRED FOR SIGNS 28'-6" TO 36'-0"
THE SPACE FROM THE EDGE OF THE SIGN TO THE
NEAREST I-BEAM SHOULD BE APPOXIMATELY 2'.
SPACING FOR OTHER I-BEAMS IS APPROXIMATELY
EQUAL DISTANT BETWEEN QUITER BEAMS. THE 3/8'
LIBRUIT SECURING THESE BEAMS. SHOULD BE IMMED'S COPE LEG I-I/2" TO ALLOW CLEARANCE DESIGN I-44 & US-62 INTERCHANGE - EACH SECTION OF HANDRAIL SHALL 5/I6" HOLF FOR LOCKING HAVE ONE LOCKING RIVET DEVICE DRAWN RIVET WHEN NOT IN USE TRUSS DETAILS **HANDRAIL CONNECTIONS** HANDRAIL CONNECTION FOR SINGLE & DOUBLE UPRIGHT CHECKED (SHEET 3 OF 3)

U-BOLT SECURING THESE BEAMS SHOULD BE IMMEDIATELY

ADJACENT TO THE NEAREST PANEL POINT.

SQUAD GARVER STATE JOB NO.