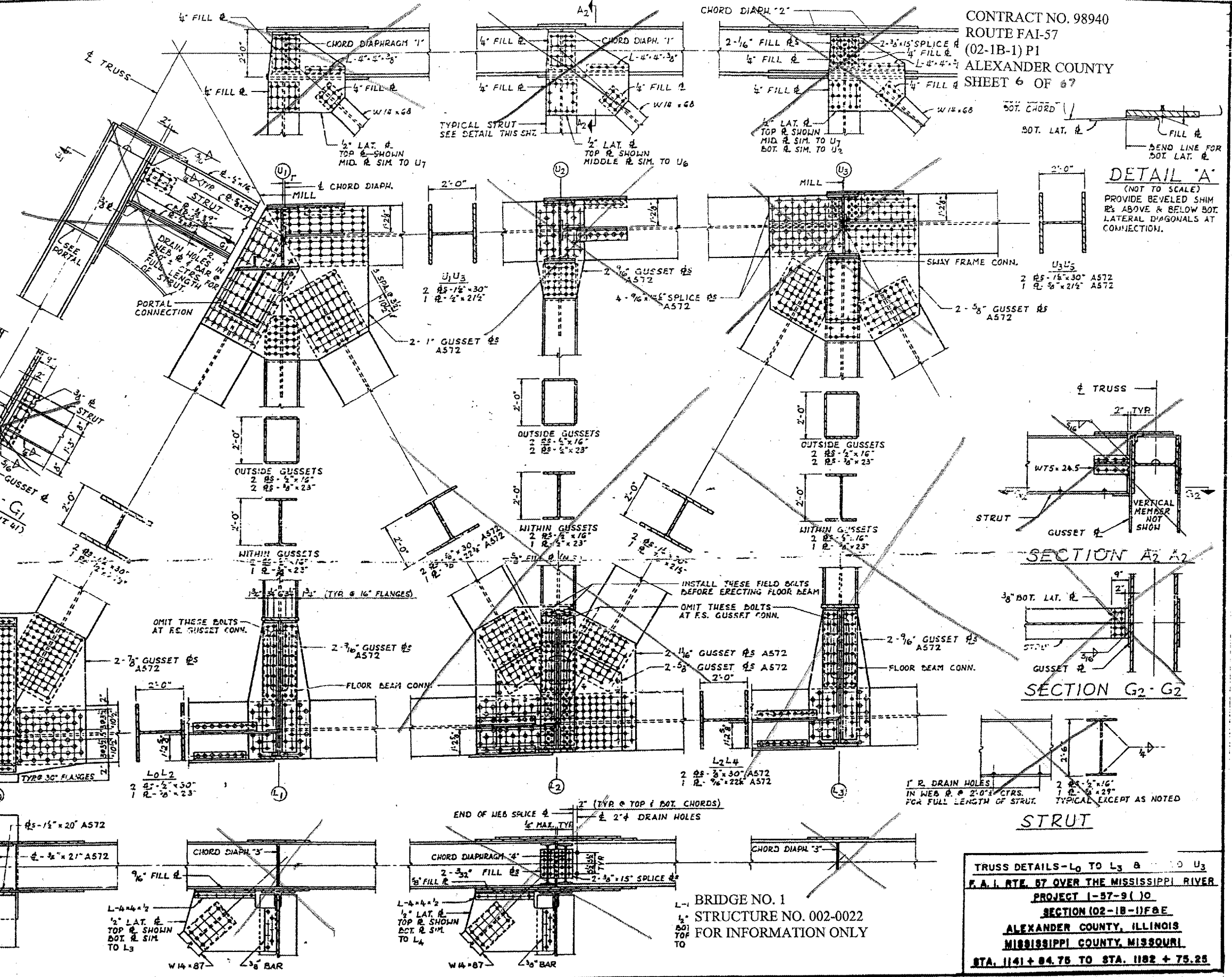


GENERAL NOTES ON TRUSS DETAILS

ALL MATERIAL SHALL BE ASTM A36 UNLESS NOTED.
 ALL SHOP FASTENERS (DENOTED THUS: ⚙) AND FIELD FASTENERS (DENOTED THUS: +) SHALL BE 1" ASTM A325 HIGH STRENGTH BOLTS. SHOP & FIELD CONNECTIONS MAY BE INTERCHANGED.
 FOR DETAILS OF WEB TO FLANGE FILLET WELDS IN TRUSS MEMBERS AND DETAILS AT CHANGE OF SECTION IN TRUSS MEMBERS (WHERE SECTIONS "WITHIN GUSSETS" AND "OUTSIDE GUSSETS" ARE DIFFERENT) SEE MISCELLANEOUS TRUSS DETAILS, SHT. 39
 FOR DETAILS OF GUSSET PLATE STIFFENERS, GUSSET PLATE DIAPHRAGMS, AND CHORD DIAPHRAGMS SEE MISCELLANEOUS TRUSS DETAILS, SHT. 39
 FOR TOP LATERAL CONNECTIONS ALONG & OF BRIDGE SEE MISCELLANEOUS TRUSS DETAILS, SHT. 39
 FOR BOTTOM LATERAL CONNECTIONS ALONG & OF BRIDGE SEE FLOOR BEAMS, SHT. 29
 FOR DETAILS OF FLOOR BEAM CONNECTIONS SEE SHT. 29
 FOR DETAILS OF SWAY FRAME CONNECTIONS SEE SHT. 40
 FOR DETAILS OF PORTAL CONNECTIONS SEE SHT. 41
 FOR DETAILS OF WEB PLATE CUT-OFF AT ENDS OF DIAGONAL TRUSS MEMBERS, SEE SHT. 37
 ALL NOMINALLY VERTICAL TRUSS MEMBERS AND THE NOMINALLY VERTICAL & OF ALL FLOOR BEAMS ARE TO BE PERPENDICULAR TO A STRAIGHT LINE THROUGH PANEL POINTS L₀ AND L₃.
 THE WIDTH OF TRUSS MEMBERS, OUT-TO-OUT OF FLANGES, SHALL BE AS FOLLOWS:
 CHORDS: 2'-0" (+1/4", -0")
 DIAGONALS: 2'-0" (+0", -1/4")
 VERTICALS: 2'-0" (+0", -1/4")



DETAIL 'A'
 (NOT TO SCALE)
 PROVIDE BEVELED SHIM RE ABOVE & BELOW BOT. LATERAL DIAGONALS AT CONNECTION.

SECTION A₂-A₂
SECTION G₂-G₂

SECTION X-X

STRUT

BRIDGE NO. 1
 STRUCTURE NO. 002-0022
 FOR INFORMATION ONLY

TRUSS DETAILS-L₀ TO L₃ & U₃
 F.A.I. RTE. 57 OVER THE MISSISSIPPI RIVER
 PROJECT 1-57-9 (10)
 SECTION 02-1B-11F&E
 ALEXANDER COUNTY, ILLINOIS
 MISSISSIPPI COUNTY, MISSOURI
 STA. 1141 + 84.75 TO STA. 1182 + 75.25