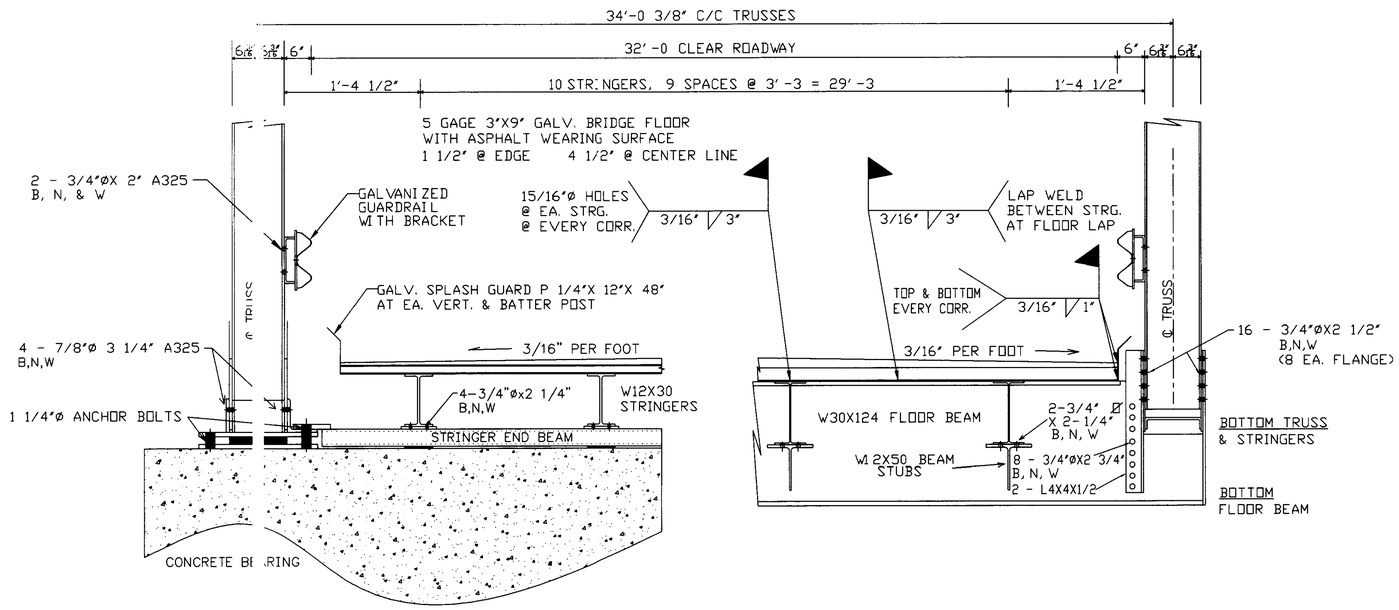
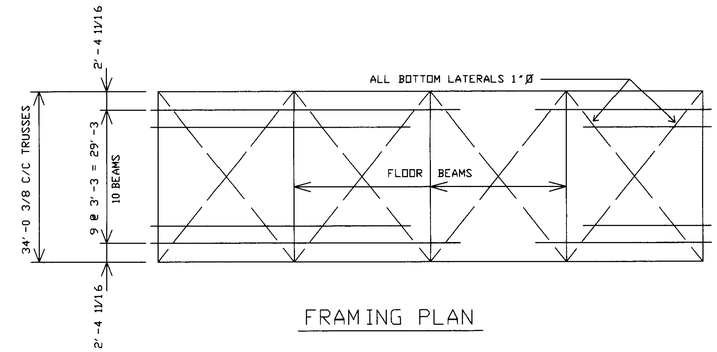
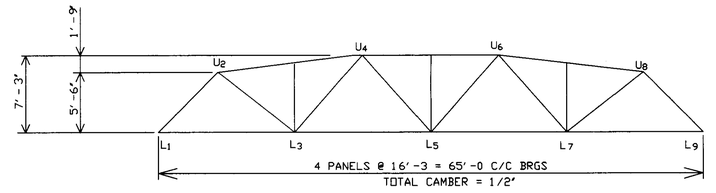


TRUSS BRIDGE SECTION VIEWS



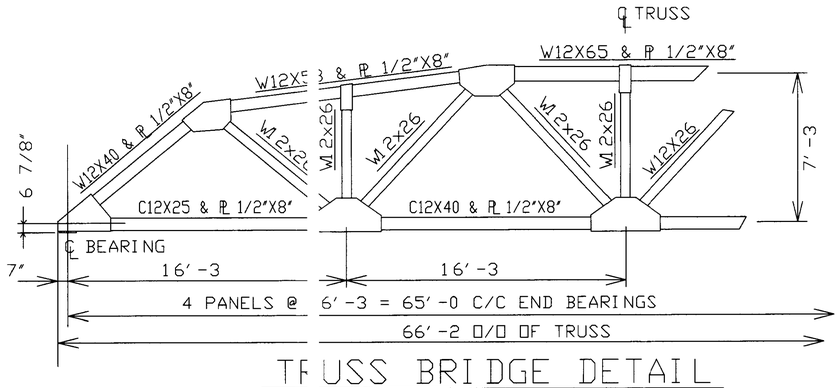
FRAMING PLAN



ELEVATION

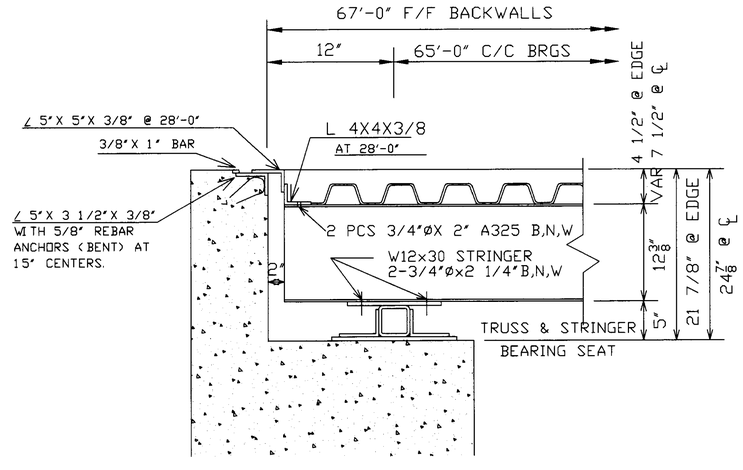
TRUSS SHOE REACTION

LIVE LOAD	81	K
IMPACT	21	K
DEAD LOAD	58	K
TOTAL	168	K



TRUSS BRIDGE DETAIL

TRUSS LIFTING WT. - 14 K



ABUTMENT DETAIL

GENERAL NOTES

ALL STEEL TRUSS BRIDGE

BRIDGE DESIGNED IN COMPLIANCE WITH AASHTO HS-20-44 LOADING

ALL SUPERSTRUCTURE STRUCTURAL STEEL ASTM A572 GR 50 GALVANIZED AFTER FABRICATION.

ALL WELDING PERFORMED IN COMPLIANCE WITH AMERICAN WELDING SOCIETY SPECIFICATIONS ELECTRODE CLASS E7028 FOR A572 AND A36 STEELS

5 GA 3"X9" GALVANIZED CORRUGATED ASTM A-570 STEEL PLATE FLOOR WITH EDGE DAMS SECTION MODULUS 3.288 IN^3/FT DECK LAYING WIDTH TO BE 18'

12 GAGE DEEP BEAM GUARDRAIL GALVANIZED RAIL AND HARDWARE ONLY

ALL STRUCTURAL BOLTS TO BE ASTM A325 TYPE 1 GALVANIZED UNLESS OTHER NOTED

WELD MEMBERS TO GUSSET PLATES WITH MINIMUM 5/16 INCH FILLET WELDS AT EACH END OF EACH MEMBER.

ALL GUSSET PLATES 3/8 INCHES THICK EXCEPT AS NOTED WITH SUFFICIENT FLAT AREAS TO RESIST STRESSES AND SO SHAPED TO PRODUCE AN AESTHETIC ARCHITECTURAL APPEARANCE.

DESIGN DEAD LOADS

STEEL FLOOR	15	PSF
ASPHALT WEARING SURFACE	50	PSF
FUTURE WEARING SURFACE	35	PSF

NOTE: DRAWINGS RELATIVE DO NOT SCALE

NO	DATE	REVISIONS	BY

65' TRUSS BRIDGE 32' ROADWAY WIDTH
BENTON - CARROLL ROAD
BENTON TWP.
OTTAWA COUNTY, OHIO

DESIGN	DRAWN	DATE	DRAWING NO.	SHEET
	MSB	APR 3, 2000	65X32	1 OF 4
CHECK/DATE DLM				