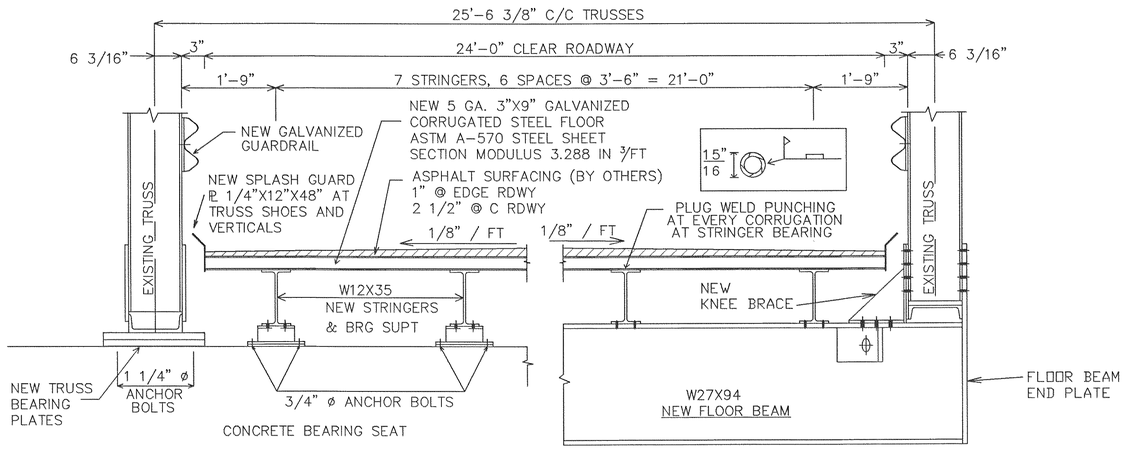
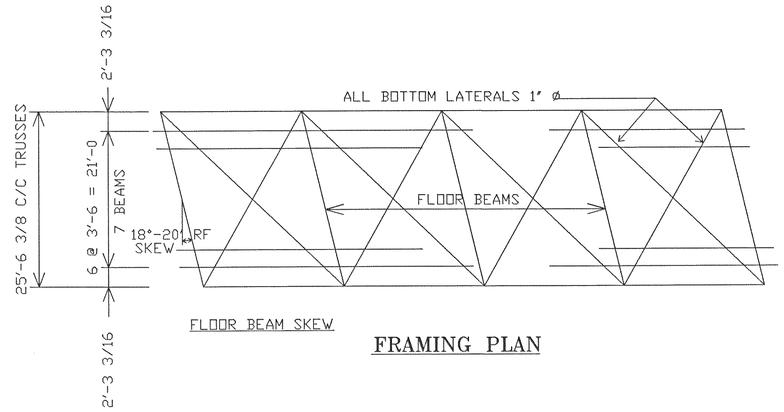


TRUSS BRIDGE SECTION VIEWS

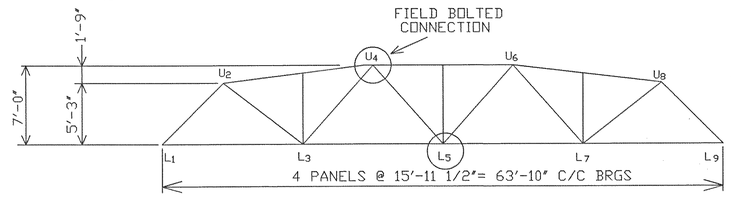
TRUSS SHOE REACTION

DEAD LOAD	43.9K
LIVE LOAD (HS20)	66.4K
IMPACT	17.6K
TOTAL	127.9K

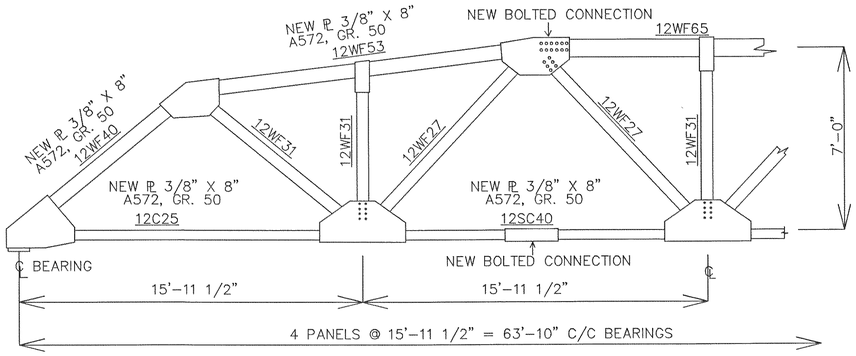


FLOOR BEAM SKEW

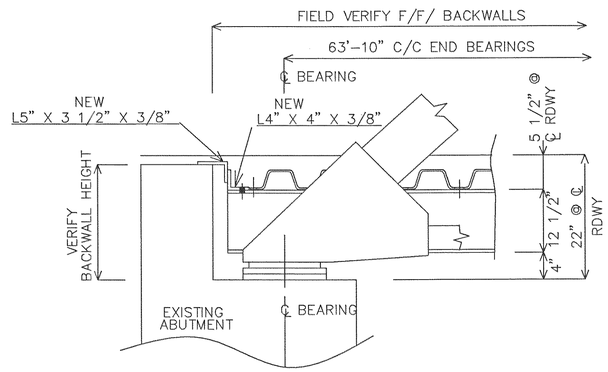
FRAMING PLAN



ELEVATION



TRUSS BRIDGE DETAIL



ABUTMENT DETAIL

GENERAL NOTES

ALL WELDED USED TRUSS BRIDGE

BRIDGE DESIGNED IN COMPLIANCE WITH AASHTO HS-20 LOADING

ALL NEW SUPERSTRUCTURE STRUCTURAL STEEL ASTM A572 GRADE 50.
USED TRUSS STEEL ANALYZED AS ASTM A7 GRADE 33.

ALL WELDING PERFORMED IN COMPLIANCE WITH AMERICAN WELDING SOCIETY SPECIFICATIONS

5 GA 3"X9" GALVANIZED CORRUGATED ASTM A-570 STEEL PLATE FLOOR WITH EDGE DAMS SECTION MODULUS 3.288 IN^3/FT

12 GAGE DEEP BEAM GUARDRAIL GALVANIZED RAIL AND HARDWARE ONLY

SCOPE OF WORK

1. EXISTING TRUSS TO BE DISMANTLED AND TRANSPORTED TO CONTRACTOR'S FACILITY FOR REHABILITATION.
2. ALL PAINT AND HEAVY SCALE SHALL BE REMOVED PRIOR TO INSPECTION AND ANALYSIS BY A REGISTERED PROFESSIONAL ENGINEER. THE REGISTERED ENGINEER SHALL PREPARE A PLAN FOR REHABILITATING THE TRUSS TO HS-20 TRAFFIC, SUPERVISE ALL WORK, AND PROVIDE THE COUNTY ENGINEER WITH THREE SETS OF STAMPED DRAWINGS SHOWING THE COMPLETED REHABILITATION AND A STATEMENT OF HS-20 COMPLIANCY.
3. THE REGISTERED ENGINEER WILL DETERMINE THE LOCATIONS OF FIELD BOLTED CONNECTIONS SO THAT THE TRUSS WILL FIT INTO THE GALVANIZING TANK. THE REGISTERED ENGINEER WILL DESIGN A BOLTED CONNECTION FOR EACH LOCATION TO CARRY THE HS-20 LOADING.
4. THE REGISTERED ENGINEER WILL DETERMINE THE LOCATION AND SIZE OF ALL VENT HOLES REQUIRED TO PREVENT DISTORTION OF THE EXISTING WELDED CONNECTIONS DURING THE GALVANIZING OPERATION.

DESIGN DEAD LOADS

STEEL FLOOR	15 PSF
ASPHALT WEARING SURFACE	40 PSF
FUTURE WEARING SURFACE	25 PSF

NOTE: DRAWINGS RELATIVE (DO NOT SCALE)

NO.	DATE	REVISIONS	BY

63'-10" TRUSS REHAB — 24'-0" ROADWAY
LICKERT HARDER ROAD — BEN-22-4.35
BENTON TOWNSHIP ROAD 22
OTTAWA COUNTY, OHIO

DESIGN SAF	DRAWN RES	DATE MAR. 25, 2004	DRAWING NO. OTTAWA TWP RD 22	SHEET 1 OF
CHECK/DATE SAF	FABRICATOR OHIO BRIDGE CORPORATION			