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Dated MAY 11 1984

JEAN MEUNIER CONSTR. INC.
Contractor

Jean Meunier
Signature
President
Title

Arthur C. Hull
Transportation Secretary's Signature
ACTING

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
BRIDGE PROJECT

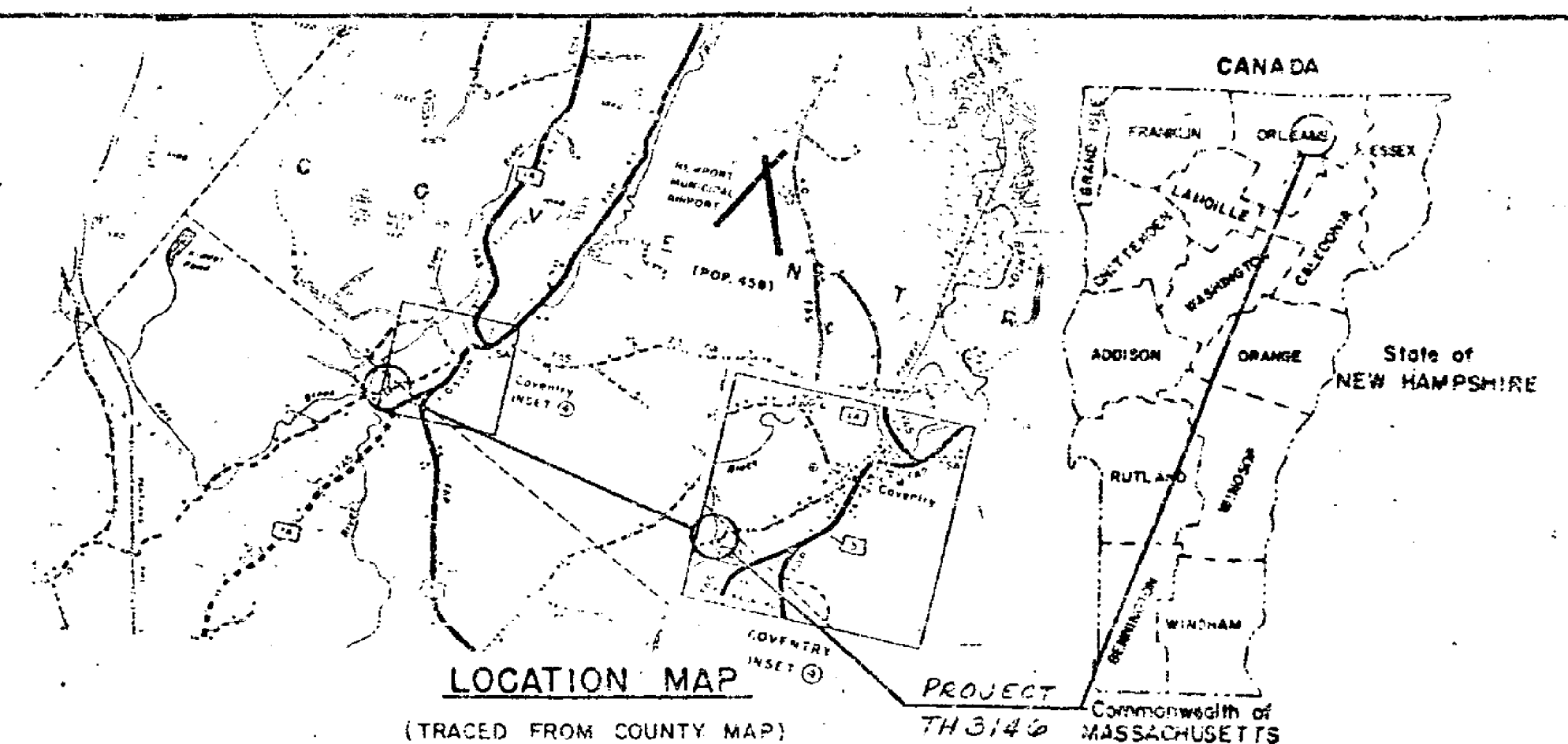
TOWN OF IRASBURG
COUNTY OF ORLEANS

ROUTE NO: CLASS 3, TH 8 BRIDGE NO: 20

PROJECT LOCATION: ON TH 8 LEADING FROM VT 58 TO COVENTRY, LESS THAN 0.1 MILE FROM THE IRASBURG-COVENTRY TOWN LINE CROSSING THE BLACK RIVER

PROJECT DESCRIPTION: REMOVE EXISTING DECK, FLOOR BEAMS, WOOD SIDING AND ANY OTHER DETERIORATED OR BROKEN WOOD MEMBERS PLUS EXISTING BACKWALLS, BEARING BLOCKS AND METAL ROOFING. INSTALL A NEW WOOD FLOOR SYSTEM, NEW METAL ROOFING, NEW WOOD SIDING, NEW BEARING BLOCKS, NEW CONCRETE BACKWALLS AND REPAIR CONCRETE ABUTMENTS

LENGTH OF STRUCTURE:	100.0 FEET
LENGTH OF PARTICIPATION ROADWAY:	0.0 FEET
LENGTH OF NON-PARTICIPATION ROADWAY:	0.0 FEET
LENGTH OF PROJECT:	100.0 FEET



CONTRACT PLANS
THESE PLANS DO NOT REFLECT
CHANGES MADE ON THE PROJECT.

GENERAL NOTES

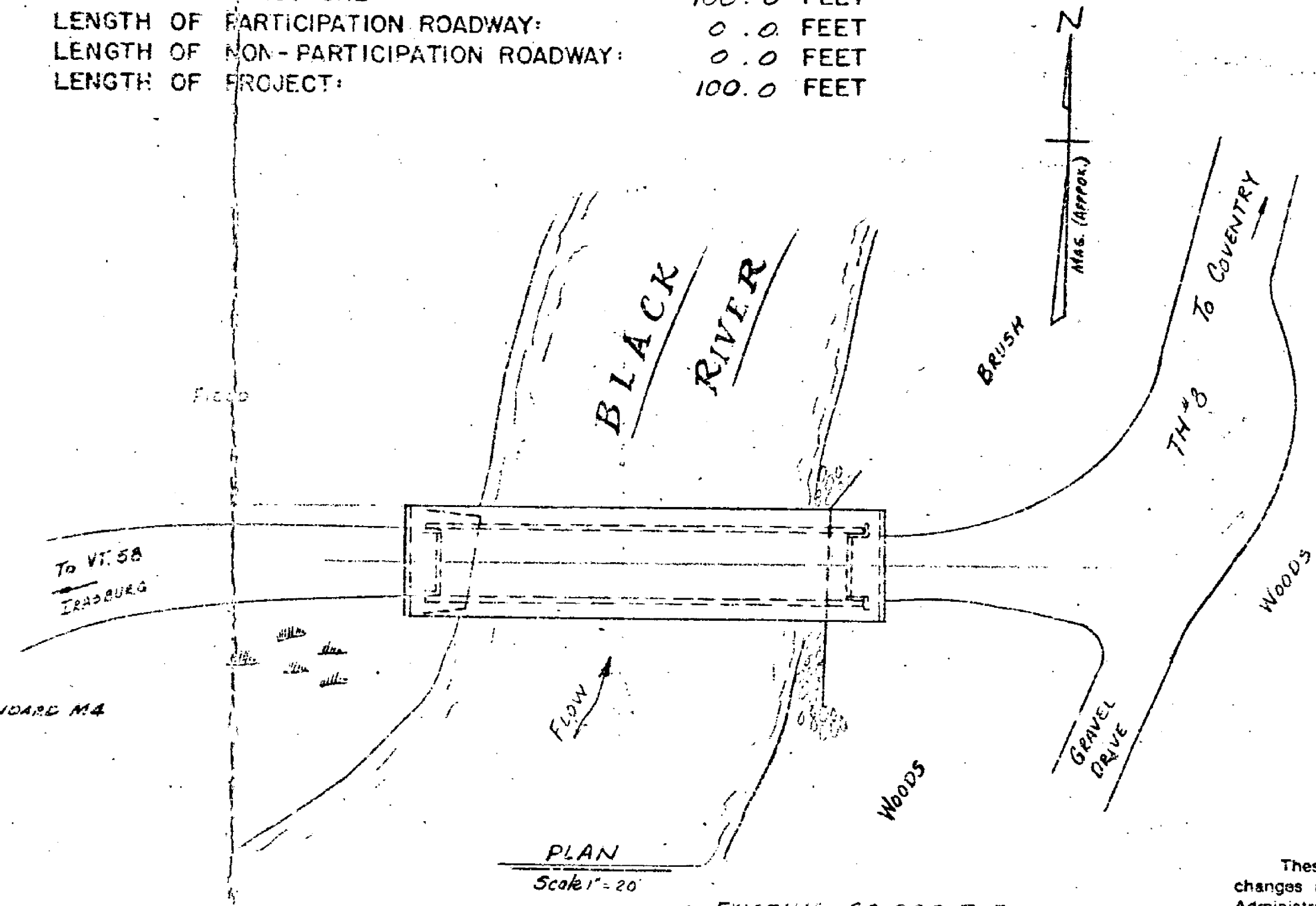
1. FOR ADDITIONAL GENERAL NOTES SEE STD. SCB-DI-75, NOTES WHICH APPLY: 4, 6, 7, 9, 10, 14 & 16
2. THE BRIDGE MAY BE CLOSED TO ALL TRAFFIC. THE CONTRACTOR SHALL GIVE THE SELECTMEN SEVEN DAYS NOTICE OF INTENT TO CLOSE THE BRIDGE. SEE SPECIAL PROVISIONS
3. THE COST OF ALL SIGNS AND BARRICADES SHALL BE SUBSIDIARY TO ALL OTHER CONTRACT ITEMS. OFF PROJECT DETOUR SIGNING WILL BE BY OTHERS.
4. GUARD RAIL, STANDARD STEEL BEAM WITH WOOD POSTS, TYPE II (A552 STEEL) SHALL BE INSTALLED AS SHOWN ON THESE PLANS AND ON STANDARDS G-1 & G-1d. LENGTH AND ALIGNMENT OF GUARD RAIL SHALL BE AS DIRECTED BY THE ENGINEER IN THE FIELD.
5. ALL EXISTING DIMENSIONS SHOWN ARE APPROXIMATE AND SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO THE START OF WORK.
6. ALL NEW STRUCTURAL TIMBER SHALL BE EASTERN SPRUCE OR SOUTHERN PINE, SELECT STRUCTURAL OR NO. 1 GRADE, ROUGH SAWN TO NOMINAL DIMENSIONS (1/4" TOLERANCE) EXCEPT AS NOTED.
7. ALL EXISTING MEMBERS WHICH ARE BEING REPLACED SHALL BE REMOVED AND DISPOSED OF UNDER THE ITEM "PARTIAL REMOVAL OF STRUCTURE".
8. ALL STEEL ITEMS AND NAILS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A-153. ALL HARDWARE SHALL BE PAID FOR UNDER THE ITEM "STRUCTURAL STEEL". THE COST OF ALL NAILS SHALL BE SUBSIDIARY TO LUMBER AND TIMBER ITEMS. ALL NAILING SHALL BE AS SHOWN ON THESE PLANS OR AS DIRECTED BY THE ENGINEER.
9. ALL BOLTS SUPPLIED SHALL BE LONG ENOUGH TO ALLOW A 1/2" MINIMUM PROJECTION BEYOND THE NUT IN SNUG POSITION, AND SHALL HAVE SUFFICIENT THREAD LENGTH TO TIGHTEN AS MUCH AS NECESSARY. ALL HOLES SHALL BE 1/8" LARGER THAN THE BOLT. A SPECIAL EFFORT SHALL BE MADE TO DRILL HOLES PERPENDICULAR TO MEMBERS. BOLTS SHALL NOT BE FORCIBLY DRIVEN INTO HOLES. ALL BOLTS, NUTS & WASHERS SHALL BE A COMMON TYPE MEETING ASTM A307 STANDARD.
10. WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES.
11. THE EXISTING METAL ROOFING SHALL BE REMOVED UNDER THE ITEM "REMOVE EXISTING ROOF". THE EXISTING ROOF BOARDS AND RAFTERS SHALL BE INSPECTED. ANY DAMAGED MEMBERS SHALL BE REPLACED UNDER THE ITEM "UNTREATED LUMBER AND TIMBER" AS DIRECTED BY THE ENGINEER.
12. THE EXISTING SIDING SHALL BE REMOVED AS DIRECTED BY THE ENGINEER UNDER THE ITEM "PARTIAL REMOVAL OF STRUCTURE". NEW BOARDS SHALL BE 1/2" RANDOM WIDTH, ROUGH CUT AND FASTENED WITH 8D GALV. NAILS IN A MANNER MATCHING EXISTING APPEARANCE. NEW SIDING IS TO BE PAID FOR AS "UNTREATED LUMBER AND TIMBER". ALL SIDING IN GOOD CONDITION SHALL BE SAVED AND REUSED.
13. THE EXISTING PLANK DECK AND FLOOR BEAMS SHALL BE REMOVED AND DISPOSED OF UNDER THE ITEM "PARTIAL REMOVAL OF STRUCTURE".
14. WHEN COMPLETED THE STRUCTURE SHALL BE STRAIGHT AND SQUARE, WITH 4" CAMBER IN THE SUPERSTRUCTURE.
15. ALL STRUCTURAL MEMBERS SHALL BE INSPECTED FOR DECAY. ALL AREAS OF DECAY SHALL BE CLEANED BY REMOVING UNSOUND WOOD. THESE AREAS SHALL BE TREATED WITH A SINGLE BRUSHED ON COAT OF PRESERVATIVE MEETING AN-PA5 STANDARD M4 (OIL-BORNE). PAYMENT TO BE MADE AS "PARTIAL REMOVAL OF STRUCTURE".
16. ALL UNSOUND STRUCTURAL MEMBERS SHALL BE REPLACED AS DEEMED NECESSARY BY THE ENGINEER. ALL SPLICES AND JOINTS SHALL BE IN ACCORDANCE WITH THE NATIONAL DESIGN SPECIFICATIONS FOR STRESS GRADE LUMBER AND ITS FASTENINGS AND AS SHOWN ON THESE PLANS.
17. ALL DIAGONAL MEMBERS, CHORD MEMBERS, FLOOR BEAMS AND DECK MEMBERS WHICH ARE TO BE REPLACED SHALL BE REPLACED WITH PRESSURE TREATED LUMBER AND BE PAID FOR UNDER ITEM "TREATED LUMBER AND TIMBER". PRESSURE TREATMENT SHALL BE AS DIRECTED IN THE SPECIAL PROVISIONS. ALL OTHER WOOD MATERIALS WHICH ARE REPLACED SHALL BE INCLUDED UNDER THE ITEM "UNTREATED LUMBER AND TIMBER".

CONVENTIONAL SIGNS

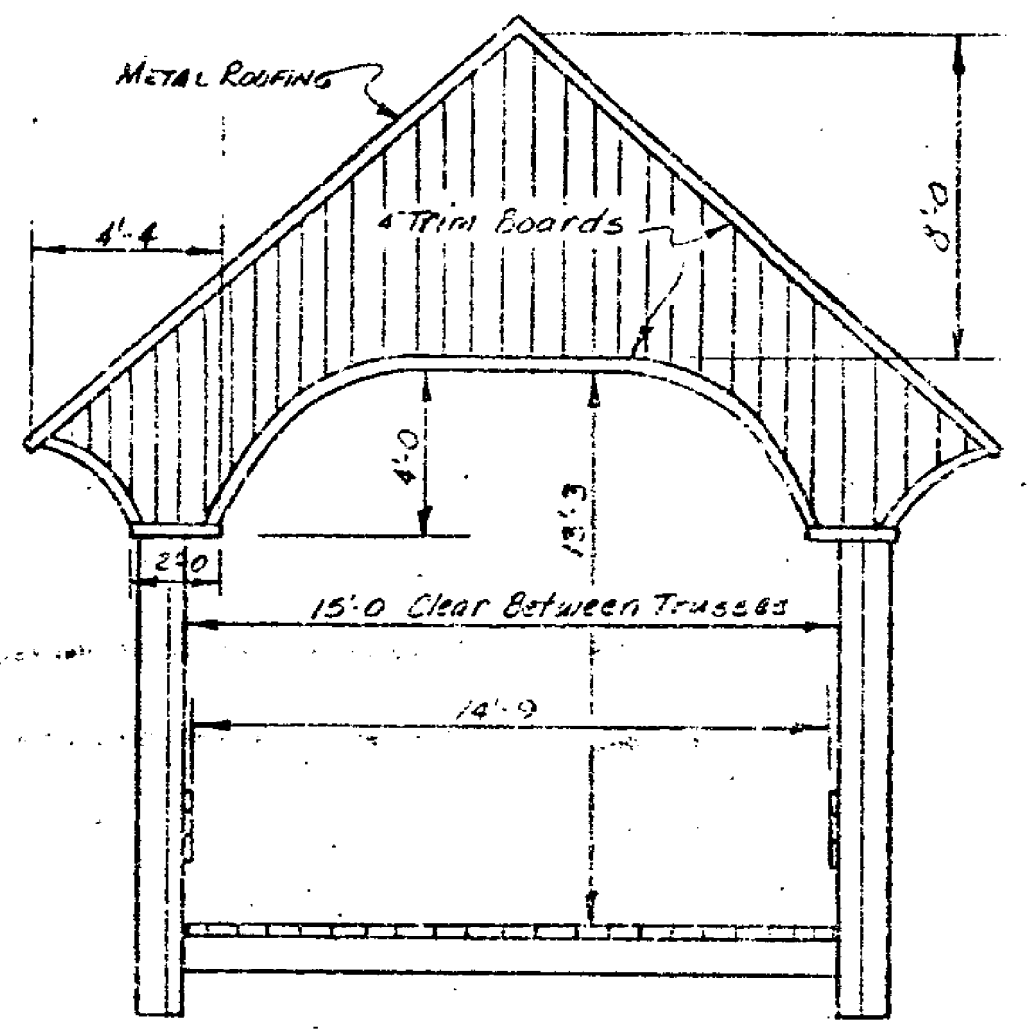
COUNTY LINE	---
TOWN LINE	- - - -
LIMITS OF ACCESS	○—○
POINT OF ACCESS	X
FENCE LINE	— · — · —
STONE WALL	— · · — · · —
TRAVELED WAY	— · · · — · · · —
GUARD RAIL	— · · · — · · · —
RAILROAD	— · · · — · · · —
SURVEY LINE	— · · · — · · · —
CULVERT	— · · · — · · · —
POWER POLE	○
TELEPHONE POLE	○
TREES	○
CONTROL OF ACCESS	— · · · — · · · —
PROPERTY LINE	— · · · — · · · —
R.O.T. TAKING LINE	— · · · — · · · —
SLOPE RIGHTS	○—SB—○
TOP OF CUT	○—○
TOE OF SLOPE	○—○

DATUM

VERTICAL	N/A
HORIZONTAL	N/A



~ EXISTING BRIDGE INFO ~
Wood Covered Bridge
Paddleford Type Truss
1881 By John Colton
88' Overall
15' Wide
10' High



These plans are subject to such engineering changes as may be required by the Federal Highway Administration or the Director of Engineering and Construction.

Construction is to be carried on in accordance with these plans and the Standard Specifications for Highway and Bridge Construction dated March, 1975, as approved by the Federal Highway Administration on October 27, 1975 for use on this project, including all subsequent revisions and such revised specifications and special provisions as are incorporated in these plans.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD
APPROVED S. J. ... DATE 3-25-81
DIRECTOR OF ENGINEERING AND CONSTRUCTION

PROJECT IRASBURG PROJECT NO. TH 3146
SHEET 1 OF 10 SHEETS