

LIST OF SHEETS

BR 101 PLAN, ELEVATION & GENERAL NOTES  
 BR 102 SLAB DETAIL SHEET  
 BR 103 ABUTMENT DETAIL SHEET  
 BR 104 BRIDGE QUANTITY SHEET & REINFORCING STEEL SCHEDULE

LIST OF STANDARDS

STD. DWG. E-3 12/13/79 R  
 STD. DWG. SB-RS-83 12/13/84 R  
 STD. DWG. SCB-D1-75 9/14/81 R

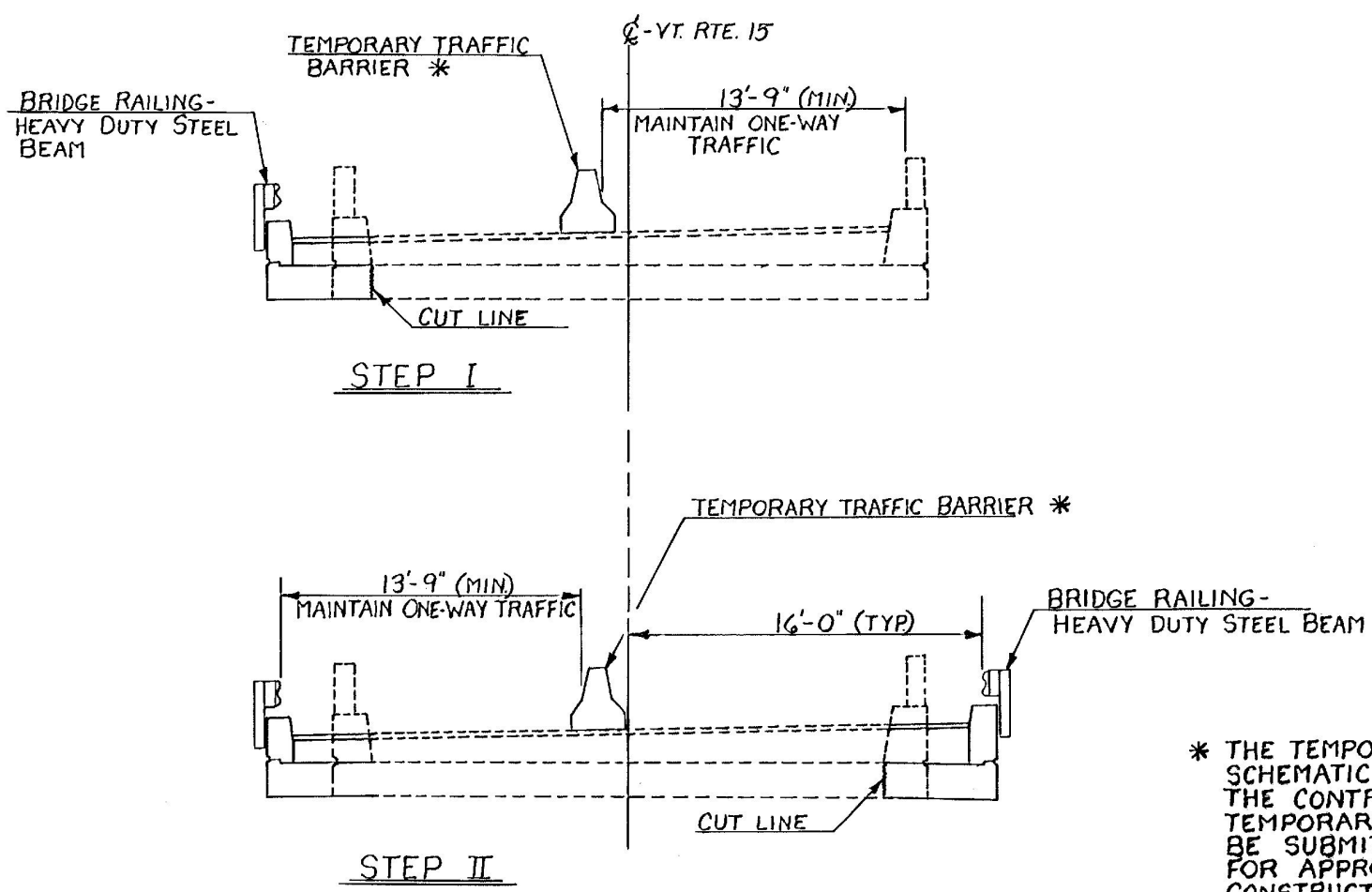
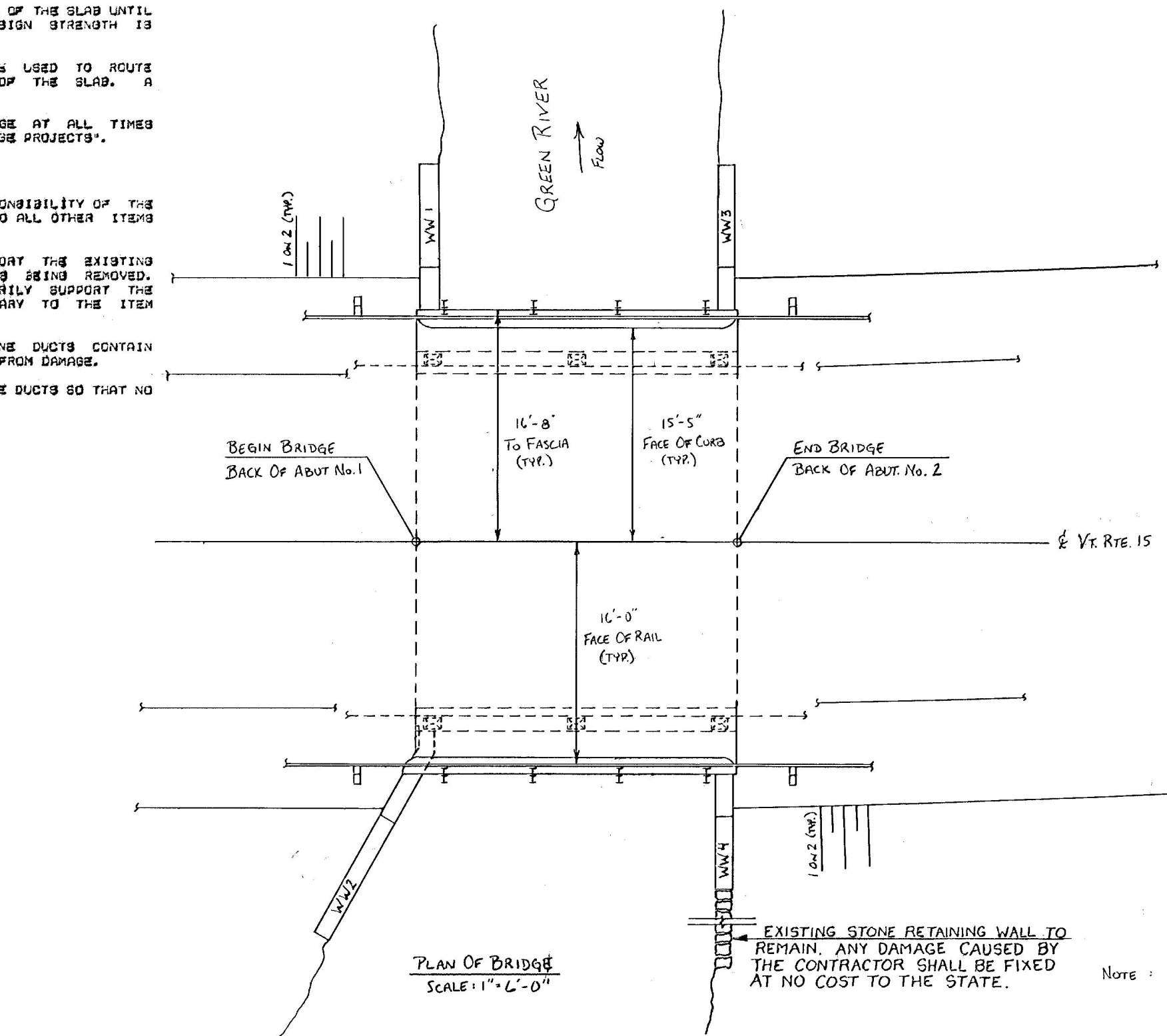
LIST OF REFERENCE SHEETS

PLAN SHEET SHEET \_\_\_\_\_ OF \_\_\_\_\_

GENERAL NOTES

- THE GENERAL NOTE PERTAINING TO SPECIFICATIONS, MATERIALS, AND CONSTRUCTION IS SHOWN ON STANDARD DRAWING SCB-D1-75. OTHER GENERAL NOTES ON THE STANDARD, NOT OTHERWISE SHOWN OR MODIFIED ON THESE PLANS, ARE NOTES 4, 5, 7, 14 AND 15.
- THE STRUCTURE IS DESIGNED FOR AN HS-20-44 LIVE LOAD WITH 1" FUTURE PAVEMENT ALLOWANCE.
- WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE ON BOTH SUBSTRUCTURE AND SUPERSTRUCTURE, INCLUDING EXISTING CONCRETE, EXCEPT THE BOTTOM OF THE SLAB BETWEEN DRIP BEADS.
- ALL EXISTING STRUCTURE DIMENSIONS SHALL BE FIELD CHECKED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- EXISTING ABUTMENTS SHALL BE PATCHED AS FOLLOWS:
  - CRACKS OR SPALLED AREAS IN THE REMAINING CONCRETE, WITH DEPTH OF LESS THAN 1-1/4", ARE TO BE FILLED WITH MORTAR.
  - CRACKS OR SPALLED AREAS IN THE REMAINING CONCRETE, WITH DEPTH GREATER THAN 1-1/4", ARE TO HAVE THEIR EDGES CUT SO AS TO PROVIDE A MINIMUM DEPTH OF 1-1/4". THEY WILL THEN BE COATED WITH NEAT CEMENT AND PATCHED WITH "CONCRETE, CLASS B". AN ESTIMATED 1 C.Y. OF "CONCRETE, CLASS B" HAS BEEN INCLUDED ON THE QUANTITY SHEET FOR THIS PURPOSE. THE MORTAR REFERRED TO IN NOTE 5A SHALL ALSO BE PAID FOR UNDER THE ITEM "CONCRETE, CLASS B".
- THE ABUTMENTS AND DECK SHALL BE REMOVED TO THE LIMITS SHOWN ON THESE PLANS UNDER THE ITEM "PARTIAL REMOVAL OF STRUCTURES", EXCEPT THAT THE ENGINEER SHALL DIRECT THE REMOVAL OF UNSOUND CONCRETE TO THE LIMITS HE DEEMS NECESSARY. CONCRETE SHALL BE SAW CUT FOR THE FIRST 1" OF DEPTH TO PROVIDE A NEAT CUT LINE.
- REINFORCING STEEL IN THE EXISTING STRUCTURE SHALL BE RETAINED, AS DEEMED NECESSARY BY THE RESIDENT ENGINEER, TO SPLICE ONTO THE NEW REINFORCING STEEL. THESE BARS SHALL BE CLEANED AND BENT AS REQUIRED. PAYMENT SHALL BE SUBSIDIARY TO "CONCRETE, CLASS B".

- WHEN NEW CONCRETE IS TO BE PLACED AGAINST EXISTING CONCRETE, IT SHALL BE PLACED IN ACCORDANCE WITH SECTION 530, "EPOXY COMPOUNDS". "EPOXY BONDING COMPOUND" SHALL BE USED TO COAT THE EXISTING CONCRETE SURFACES, EXCEPT AS NOTED IN NOTE 5.
- NO TRAFFIC SHALL BE ALLOWED ON THE NEW PORTION OF THE SLAB UNTIL THE CURING PERIOD IS UP AND THE 28 DAY DESIGN STRENGTH IS ATTAINED, AS EVIDENCED BY TEST CYLINDER BREAKS.
- THE ITEM "TEMPORARY TRAFFIC BARRIER" SHALL BE USED TO ROUTE TRAFFIC AWAY FROM THE NEWLY POURED PORTION OF THE SLAB. A MINIMUM WIDTH OF 13'-9" MUST BE MAINTAINED.
- ONE-WAY TRAFFIC SHALL BE MAINTAINED ON THE BRIDGE AT ALL TIMES UNDER THE ITEM "MAINTENANCE OF TRAFFIC FOR BRIDGE PROJECTS".
- ALL CONCRETE SHALL BE "CONCRETE, CLASS B".
- ALL ON-PROJECT BRIDGE SIGNS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER ITEMS IN THE PROJECT.
- TEMPORARY SUPPORTS SHALL BE PROVIDED TO SUPPORT THE EXISTING TELEPHONE CONDUITS WHILE THE EXISTING BRIDGE IS BEING REMOVED. ALL MATERIAL AND LABOR NECESSARY TO TEMPORARILY SUPPORT THE EXISTING TELEPHONE CONDUIT SHALL BE SUBSIDIARY TO THE ITEM "CONCRETE, CLASS B".
- THE CONTRACTOR IS CAUTIONED THAT THE TELEPHONE DUCTS CONTAIN WORKING CABLES. THE CABLES SHALL BE PROTECTED FROM DAMAGE.
- CONCRETE IS TO BE PLACED AND VIBRATED UNDER THE DUCTS SO THAT NO VOIDS EXIST.



\* THE TEMPORARY TRAFFIC BARRIER SHOWN IS SCHEMATIC ONLY AND NOT INTENDED TO LIMIT THE CONTRACTOR TO THIS CONCEPT. FINAL TEMPORARY TRAFFIC BARRIER DETAILS MUST BE SUBMITTED TO THE STRUCTURES ENGINEER FOR APPROVAL BEFORE PROCEEDING WITH CONSTRUCTION.

ELEVATION OF BRIDGE  
(LOOKING DOWNSTREAM)  
SCALE 1" = 6'-0"

<b>STATE OF VERMONT</b>	
<b>AGENCY OF TRANSPORTATION</b>	
Town of <b>WOLCOTT</b>	Bridge No. <b>48</b>
Highway No. <b>Vt. RTE. 15</b>	Log Sta. <b>33+42</b>
	M.M. <b>0.633</b>
Vt. RTE. 15 OVER GREEN RIVER	
PLAN, ELEVATION & GENERAL NOTES	
Designed By <b>T.H. LACKEY</b>	Drawn By <b>T.H. LACKEY</b>
Checked By <b>C.P. WILLIAMS</b>	Date <b>6-86</b>
	Bridge Design Supervisor <b>F.W. BOIKUM</b> Date <b>6/86</b>
<b>PROJECT</b>	
<b>MORRISTOWN - WOLCOTT</b>	
<b>PROJECT NO.</b>	
<b>F030-2(16)</b>	
<b>I.O.C. info.</b>	
Bridge Sheet No. <b>BR101</b>	Sheet <b>19</b> of <b>103</b>

BRUNING 44-225 RELEASE