

INDEX OF SHEETS

1. TITLE SHEET
2. PLAN & PROFILE
3. QUANTITY SHEET
4. SUPERSTRUCTURE DETAILS
5. ABUTMENT #1
6. ABUTMENT #2
7. PEDESTRIAN BRIDGE
8. REINFORCING SCHEDULE
- 9, 10. ROADWAY SECTIONS (4+50-8+50)
11. STD. DWG. C-1 SEPT. 10, 69 R.
12. STD. DWG. D-4 DEC. 4, 68 R.
13. STD. DWG. D-8 MAR. 10, 65
14. STD. DWG. D-10 MAR. 10, 65
15. STD. DWG. D-11 DEC. 2, 69 R.
16. STD. DWG. E-16 DEC. 18, 64 R.
17. STD. DWG. E-33 MAY 6, 71 R.
18. STD. DWG. E-34 MAY 6, 71 R.
19. STD. DWG. F-2 OCT. 5, 70 R.
20. STD. DWG. G-1a APR. 28, 70 R.
21. STD. DWG. SCB-D7-67 JAN. 24, 68
22. STD. DWG. SCB-D8-67 JAN. 24, 68
23. STD. DWG. SCB-D9-67 DEC. 11, 70 R.
24. STD. DWG. E-36 MAY 6, 1971 R.

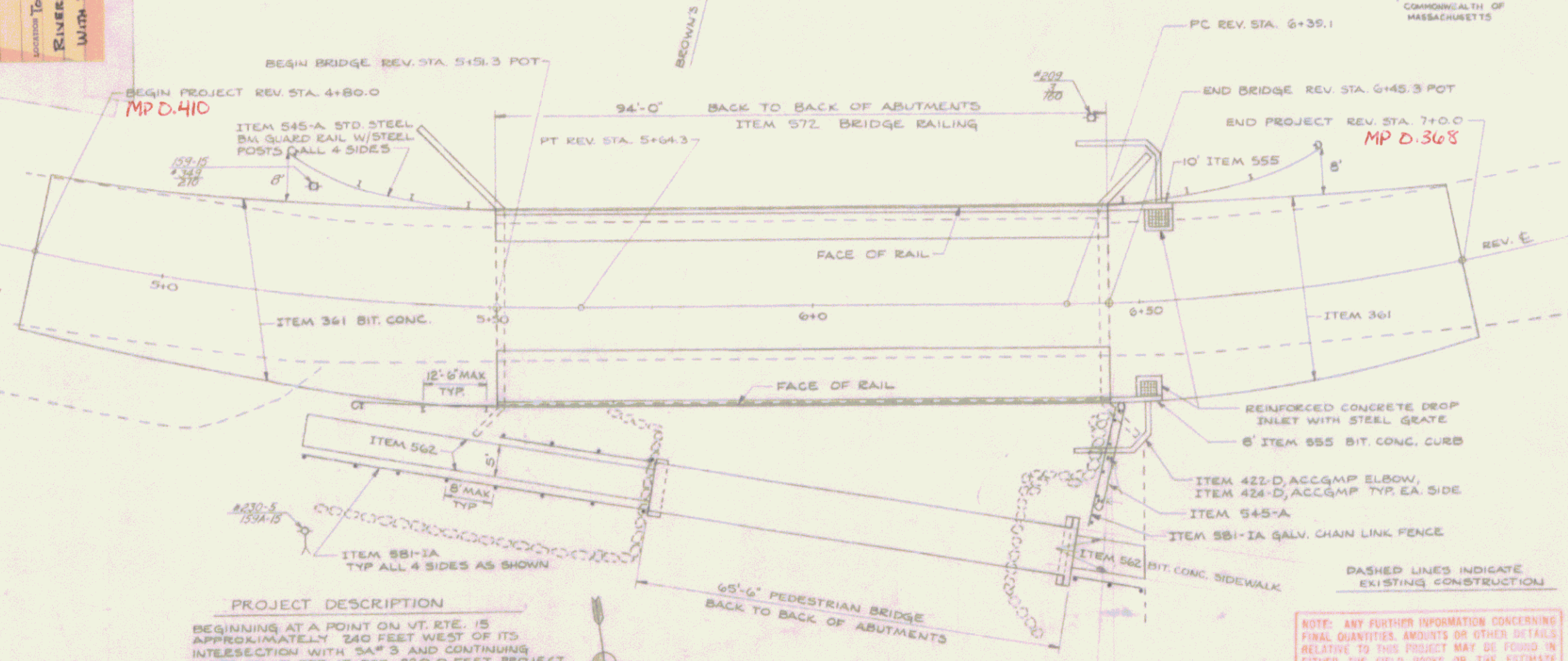
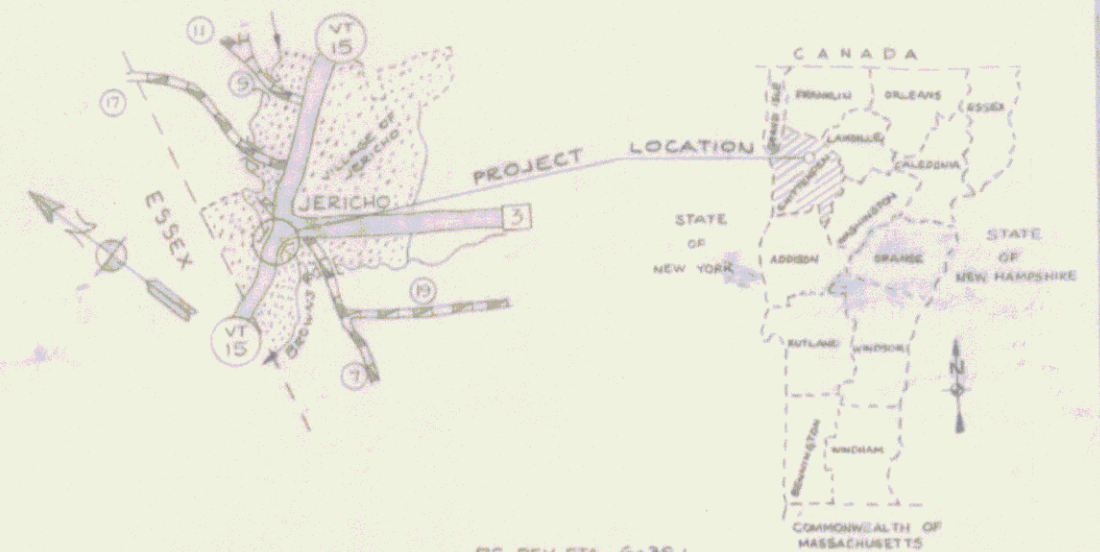
GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION DATED APRIL 1964 AND THE A.A.S.H.O. STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES DATED 1969 AND ITS LATEST REVISIONS. DESIGN IS FOR HHS LOADING APPLIED IN ACCORDANCE WITH THE PROVISIONS OF A.A.S.H.O. STANDARD SPECIFICATIONS.
2. ALL CONCRETE IN THE SLABS AND CURBS SHALL BE ITEM 401-AA, CONCRETE CLASS AA (MODIFIED) WITH ADDITIVE, SEE SPECIAL PROVISIONS FOR ADDITIVE SPECIFICATIONS. CONCRETE IN THE ABUTMENTS SHALL BE ITEM 401-B, CONCRETE CLASS B, MODIFIED. EXPOSED EDGES OF ALL CONCRETE SHALL BE CHAMFERED 1"x1".
3. THE COST OF DRILLING AND GROUTING REINFORCING STEEL INTO EXISTING CONCRETE SHALL BE PAID FOR UNDER THE UNIT PRICE BID FOR ITEM 402, REINFORCING STEEL. THE GROUT USED SHALL BE NON-SHRINKING (REFER TO ITEM 409.03D).
4. ALL SURFACES BETWEEN NEW AND EXISTING CONCRETE SHALL BE COATED WITH ITEM 43B-C, EPOXY BONDING COMPOUND.
5. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 3" IN THE ABUTMENTS AND 1 1/2" IN THE SLAB UNLESS SHOWN OTHERWISE.
6. ALL EXPANSION MATERIAL SHALL CONFORM TO A.A.S.H.O. DESIGNATION MISS TYPE II AND SHALL NOT CONTAIN ASPHALT OR BITUMINOUS MATERIAL.
7. ALL EXISTING EXPOSED REINFORCING STEEL TO BE RETAINED, SHALL BE STRAIGHTENED AND CLEANED PRIOR TO SPICING ANY NEW REINFORCING STEEL TO IT.
8. ITEM 576-A, REMOVAL OF MASONRY OR CONCRETE, SHALL CONSIST OF REMOVING CONCRETE AT THE ABUTMENTS TO THE CUT LINES AS DESIGNATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER IN THE FIELD.
9. ALL EXISTING STRUCTURAL STEEL SHALL BE CLEANED AND PAINTED AS SPECIFIED UNDER ITEM 508, HAND CLEANING AND PAINTING OF STRUCTURAL STEEL. THE FINAL COAT OF FIELD PAINT SHALL BE GREEN.
10. THE REINFORCED CONCRETE DROP INLETS AT THE WEST END OF THE BRIDGE SHALL BE PLACED AS SHOWN ON THE PLANS AND CONSTRUCTED AS SHOWN ON STD. DWGS. D-8, D-10, AND D-11 FOR A DROP INLET WITH BITUMINOUS CONCRETE CURB. THE DROP INLETS SHALL BE PAID FOR UNDER THE UNIT PRICE BIDS FOR ITEM 401-B, CONCRETE CLASS B, MODIFIED, ITEM 402, REINFORCING STEEL, AND ITEM 534-B, STEEL GRATE.
11. ITEMS 424-D, 12" ACCGMP SHALL BE PLACED AROUND THE ENDS OF THE EXISTING WINDSHIELDS AND NEW WINDSHIELD EXTENSIONS. ITEM 422-D, 12" ACCGMP ELBOW SHALL BE A 90° ELBOW FABRICATED AS SHOWN ON STD. DWG. D-4. THE ACCGMP AND DROP INLETS SHALL BE PLACED IN A TRENCH CONSTRUCTED AS SPECIFIED UNDER ITEM 106, TRENCH EXCAVATION.

PROJECT: JERICHO
 BRIDGE NO. 7
 TOWN OF JERICHO
 STATE OF VERMONT
 PROJECT LENGTH 0.0416 MI.
 BRIDGE LENGTH 0.0171 MI.
 THE WIDEN EAST SPAN CONSTRUCT NEW
 6' WIDE PEDESTRIAN BRIDGE. CONSTRUCT APPROXIMATE
 BRIDGES INC.

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS
 PROPOSED IMPROVEMENT

JERICHO
 BP-030-1-7106



PROJECT DESCRIPTION

BEGINNING AT A POINT ON VT. RTE. 15 APPROXIMATELY 220 FEET WEST OF ITS INTERSECTION WITH SA# 3 AND CONTINUING WEST ON VT. RTE. 15 FOR 220.0 FEET. PROJECT TO CONSIST OF WIDENING THE BRIDGE CARRYING VT. RTE. 15 OVER BROWN'S RIVER AND ALL WORK NECESSARY TO ACHIEVE THIS. CLEANING AND PAINTING THE EXISTING STRUCTURAL STEEL, PAVING THE ENTIRE DECK, AND CONSTRUCTING SATISFACTORY APPROACHES AT BOTH ENDS OF THE BRIDGE. PROJECT ALSO CONSIST OF CONSTRUCTING A NEW PEDESTRIAN BRIDGE OVER BROWN'S RIVER RESTING ON THE EXISTING ABUTMENTS OF THE FORMER HIGHWAY BRIDGE AT THIS SITE AND ALL WORK NECESSARY TO ACHIEVE THIS, AND CONSTRUCTING SIDEWALKS AND FENCES AT BOTH ENDS OF THE PEDESTRIAN BRIDGE.

PLAN
 SCALE: 1"=10'
 JERICHO BP-030-1-7106 RECORD PLANS

- MATERIALS
- BITUM. CONC. VT. PAVING CO.
 - CONC. (CLASS B) ST. GRISWOLD CO.
 - REINF. STEEL PIONEER VALLEY STEEL CO.
 - SHEAR CONNECTORS VT. STRUCT. STEEL
 - STRUCT. STEEL VT. STRUCT. STEEL
 - PAINT WATERPROOF. VT. PAVING CO.
 - DRY RUBBLE MASONRY S.T. GRISWOLD CO.
 - EPOXY BONDING COMPOUND DURAL INTERNATIONAL
 - EPOXY MORTAR COMPOUND LIBBY EQUIP. (DURAL INTERNATIONAL)
 - STD. STEEL BRASS G.R. U.S. STEEL & S.T. GRISWOLD
 - CHAIN LINK FENCE SOUTHEASTERN WIRE MFG. CO. (U.S. STEEL)

Pin # 112008
 Date 7/6/1972

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS

TOWN OF JERICHO
 LOG STA. 20+44
 ROAD NO. VT. 15 BRIDGE NO. 7
 VT. 15 OVER
 BROWN'S RIVER

SECTION SUPERVISOR J.E. WOOD
 DRAWN BY SHATTUCK CHECKED BY E. WABEL
 3-70
 BP-030-1-7106
 SHEET 1 OF 22

APPROVED DATE 7/15/72	APPROVED DATE 7/15/72	APPROVED DATE 7/15/72	APPROVED DATE 7/15/72
--------------------------	--------------------------	--------------------------	--------------------------

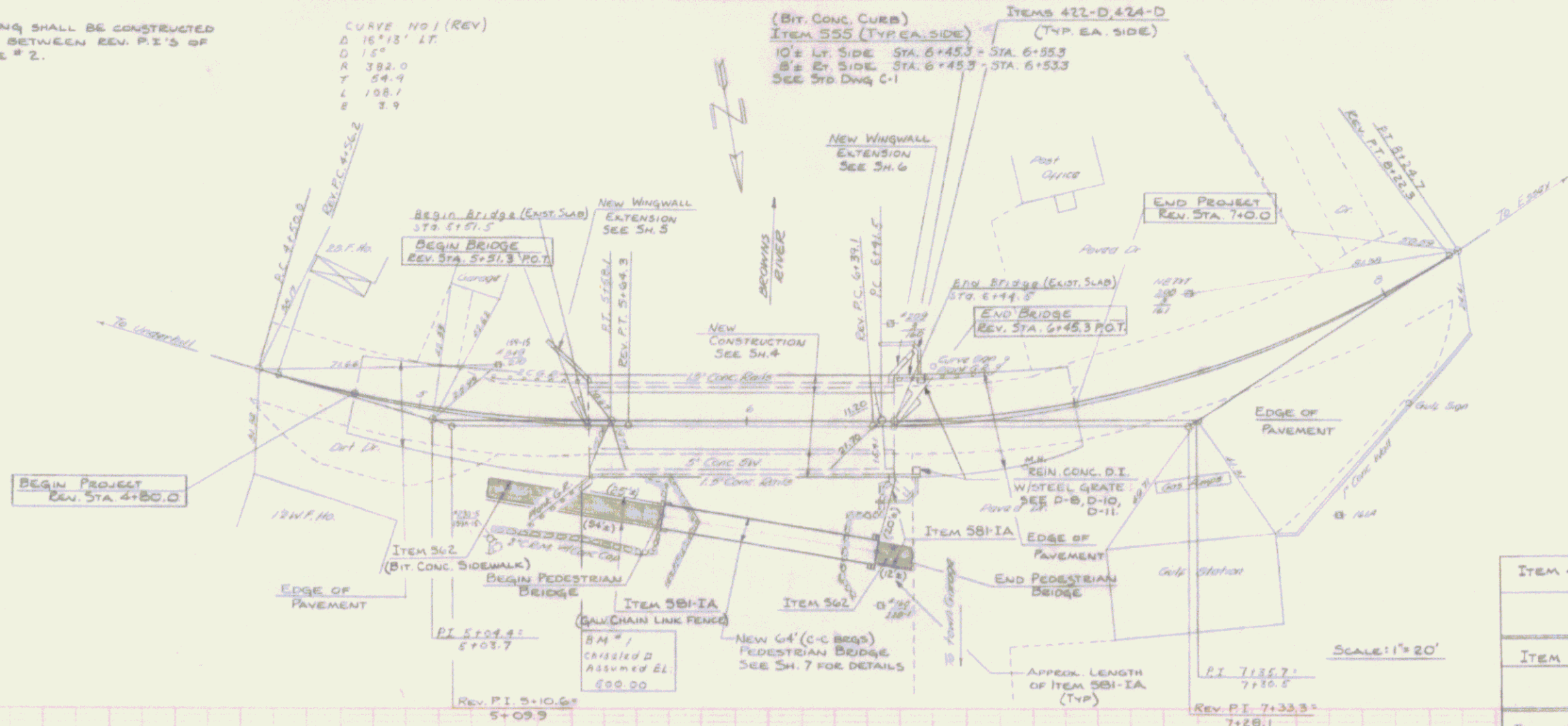
CONTINUED ON BRIDGE QUANTITY SHEET, SH. 3 OF 22

VT. RTE. 15 BRIDGE WIDENING SHALL BE CONSTRUCTED ON THE TANGENT BETWEEN REV. P.I.'S OF CURVE #1 & CURVE #2.

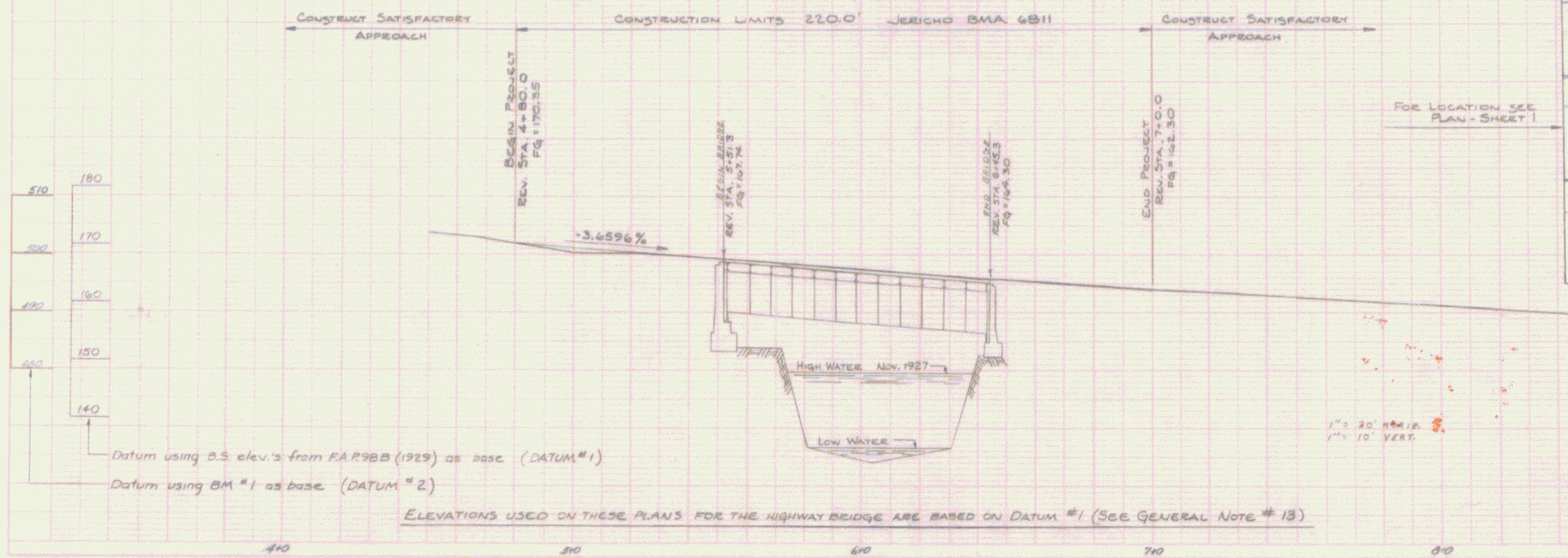
CURVE NO 1 (REV)
 Δ 16°13' LT.
 D 15"
 R 392.0
 T 58.9
 L 108.1
 E 7.9

(BIT. CONC. CURB)
 ITEM 555 (TYP. EA. SIDE)
 10' LT. SIDE STA. 6+45.3 - STA. 6+55.3
 8' RT. SIDE STA. 6+45.3 - STA. 6+55.3
 SEE STD DWG C-1

CURVE NO 2 (REV)
 Δ 32°58' LT
 D 18"
 R 318.3
 T 94.2
 L 182.2
 E 16.4



SCALE: 1" = 20'



Datum using B.S. elev.'s from F.A.R. 98B (1929) as base (DATUM #1)
 Datum using BM #1 as base (DATUM #2)

ELEVATIONS USED ON THESE PLANS FOR THE HIGHWAY BRIDGE ARE BASED ON DATUM #1 (SEE GENERAL NOTE #13)

ITEM 422-D 12" ACCQMP ELBOW (90°)	6' LT. SIDE	
	6' RT. SIDE	
ITEM 424-D 12" ACCQMP	20' LT. SIDE	
	15' RT. SIDE	
ITEM 549 REMOVAL AND DISPOSAL OF PRESENT GUARD RAIL		
REV. STA. TO REV. STA.		
5+20 - 5+51	LT.	
5+33 - 5+51	RT.	
6+46 - 6+80	LT.	
ITEM 545-A STANDARD STEEL BEAM GUARD RAIL W/ STEEL POSTS		
REV. STA. TO REV. STA.		
5+20 - 5+51	LT.	
5+30 - 5+51	RT.	
6+46 - 6+80	LT.	
6+42 - 6+48	RT.	
ITEM 581-IA GALVANIZED CHAIN LINK FENCE (4' HIGH)		
BEGIN PEDESTRIAN BRIDGE		
54' ± RT.	25' ± LT.	
END PEDESTRIAN BRIDGE		
12' ± RT.	20' ± LT.	

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS

TOWN OF -- JERICHO --
 LOG STA. 20+94
 ROAD NO. VT. 15 -- BRIDGE NO. 7
 VT. 15 OVER BROOKS RIVER
 PLAN AND PROFILE
 SCALE -- AS SHOWN --
 SECTION SUPERVISOR J. V. 2002
 DRAWN BY B. J. [unclear] CHECKED BY G. [unclear]
 PROJECT NO. 87030-1-2208
 SHEET 2 OF 22