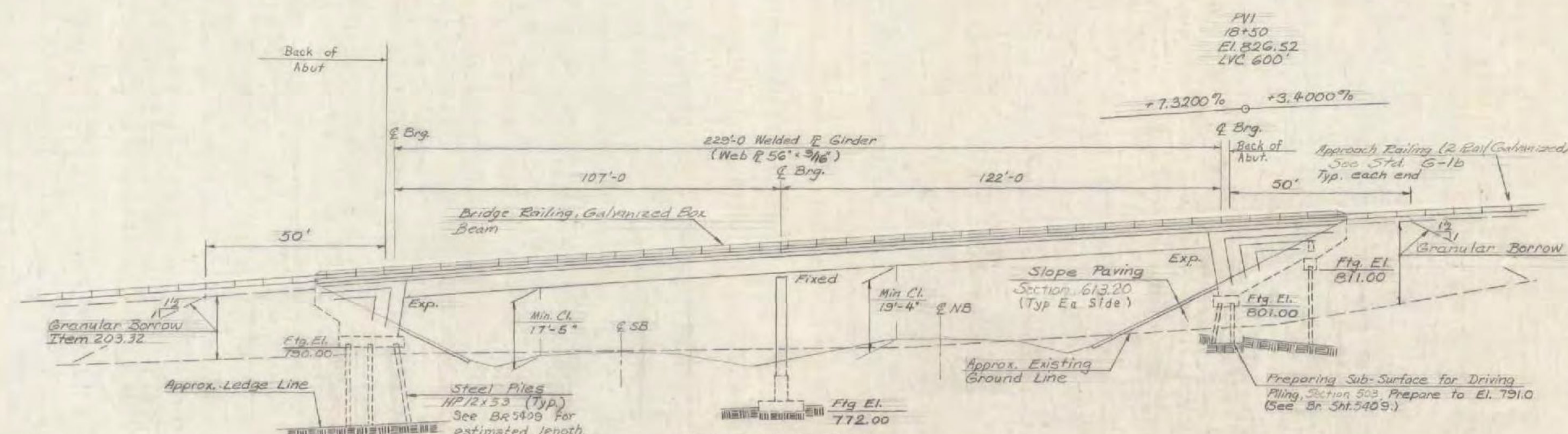


PLAN
Scale 1"=20'



ELEVATION
Scale 1"=20'

GENERAL NOTES

1. FOR ADDITIONAL GENERAL NOTES, SEE STD. SHT. SCB-DI-71.
2. ELEVATION DATUM IS SEA LEVEL BASED ON THE NEAREST US GOVERNMENT VERTICAL CONTROL.
3. STRUCTURAL STEEL SHALL CONFORM TO THE ASTM DESIGNATIONS INDICATED ON THE PLANS. GIRDERS SHALL BE CHAMBERED FOR VERTICAL CURVE ORDINATES PLUS ANTICIPATED DEAD LOAD DEFLECTION. (BRIDGE SHEET 5404)
4. SUPERSTRUCTURE AND PIER CAP CONCRETE SHALL BE CONCRETE CLASS A. ALL OTHER CONCRETE SHALL BE CONCRETE CLASS B. ALL EXPOSED EDGES OF CONCRETE IN THE ABUTMENTS AND SUPERSTRUCTURE SHALL BE CHAMFERED 1"x1". ALL EXPOSED EDGES OF PIER COLUMNS AND CAP SHALL BE CHAMFERED 3"x3". ALL CONSTRUCTION JOINTS TO BE MADE AS SHOWN ON SCB-DG-71 DETAIL B UNLESS OTHERWISE NOTED.
5. SLAB CONCRETE SHALL BE PLACED ACCORDING TO THE PLACING SEQUENCE SHOWN ON BR SHT. 5405 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
6. MINIMUM COVER FOR REINFORCING STEEL SHALL BE AS INDICATED ON THE PLANS. SPLICES WHICH ARE PERMITTED SHALL HAVE A LENGTH NOT LESS THAN 30 TIMES THE NOMINAL DIAMETER OF THE REINFORCEMENT BUT NOT LESS THAN (2) FEET.
7. NO CONCRETE SHALL BE PLACED ABOVE ADJACENT BRIDGE SEAT ELEVATION UNTIL GIRDERS HAVE BEEN PROFILED AND FINAL GRADE ESTABLISHED BY THE ENGINEER.
8. ABUTMENT BRIDGE SEATS WILL BE COATED WITH ITEM 615.20, EPOXY COATING COMPOUND. FRONT FACE OF BACKWALLS WILL BE COATED WITH ITEM 512.25 PAINT WATERPROOFING.
9. SEE NOTE 14 ON SHEET SCB-DI-71 FOR FINISH ON BRIDGE SEATS

INDEX OF SHEETS

- BR 5400 PRELIMINARY INFORMATION SHEET
- BR 5401 BRIDGE QUANTITY SHEET
- BR 5402 PLAN AND ELEVATION
- BR 5403 BORINGS
- BR 5404 FRAMING PLAN
- BR 5405 SUPERSTRUCTURE DETAILS
- BR 5406 EXPANSION JOINT DETAILS
- BR 5407 CURB AND RAIL LAYOUT PLAN
- BR 5408 ABUTMENT #1 LAYOUT
- BR 5409 ABUTMENT #2 LAYOUT
- BR 5410 ABUTMENT REINFORCING DETAILS
- BR 5411 PIER DETAILS
- BR 5412 REINFORCING SCHEDULE
- BR 5413 REINFORCING SCHEDULE

STANDARD SHEETS REQUIRED

SCB-DI-71	1-24-72R
SCB-D6-71	12-14-71
SB-24-71	12-14-71
G-1b	10-1-71

REFERENCE SHEETS

PLAN:
ART US 7 @ STA. 528+50 TO STA. 543+75

PROFILE:
ART US 7 @ STA. 528+50 TO STA. 543+75
RELOC. HOUGHTON LANE STA. 10+00 TO STA. 22+50

CROSS SECTIONS:
ART US 7 @ STA. 535+50 TO STA. 537+00
RELOC. HOUGHTON LANE STA. 14+00 TO STA. 17+50
AND STA. 18+00 TO STA. 21+00

(RE - ADVERTISED)
BENNINGTON - MT TABOR
BF BPNT (16)
PROJECT BRIDGE 15D
SHEET 13 OF 23
FOR INFORMATION ONLY

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROJECT BENNINGTON
TOWN OF BENNINGTON

ROUTE No. ART US 7 @ STA. 536+50±
T.H. 14 (HOUGHTON LANE) OVER ART US 7

PLAN AND ELEVATION
SCALE AS NOTED

SECTION SUPERVISOR J. WOOD 6-71
DRAWN BY E. WAIBEL CHECKED BY SHATTUCK 6-70
PROJECT No. DP-85019-1(2)
SHEET 171 OF 430 - BR 5402