

CURVE DATA
 EAST BOUND WEST BOUND
 Δ 33° 17' 17" RT Δ 33° 57' 06" RT
 D 3' D 2' 30"
 BANK 1/8" FT BANK 3/4" FT
 BASELINE
 Δ 33° 57' RT
 D 3' 30"

LIST OF BRIDGE SHEETS

BR 100	PLAN & ELEVATION
BR 101-102	BRIDGE QUANTITY SHEETS
BR 103	PRELIMINARY INFORMATION SHEET
BR 104-105	BORINGS
BR 106-107	RAILING, CURB, & FRAMING PLANS
BR 108-112	ABUTMENTS #1, #2, #3, #4
BR 113-118	PIERS #1 THRU #8
BR 119-122	APPROACH SLABS #1 THRU #4
BR 123-125	RETAINING WALLS
BR 126-131	REINFORCING STEEL SHEETS
BR 132-134	CHANNEL SECTIONS

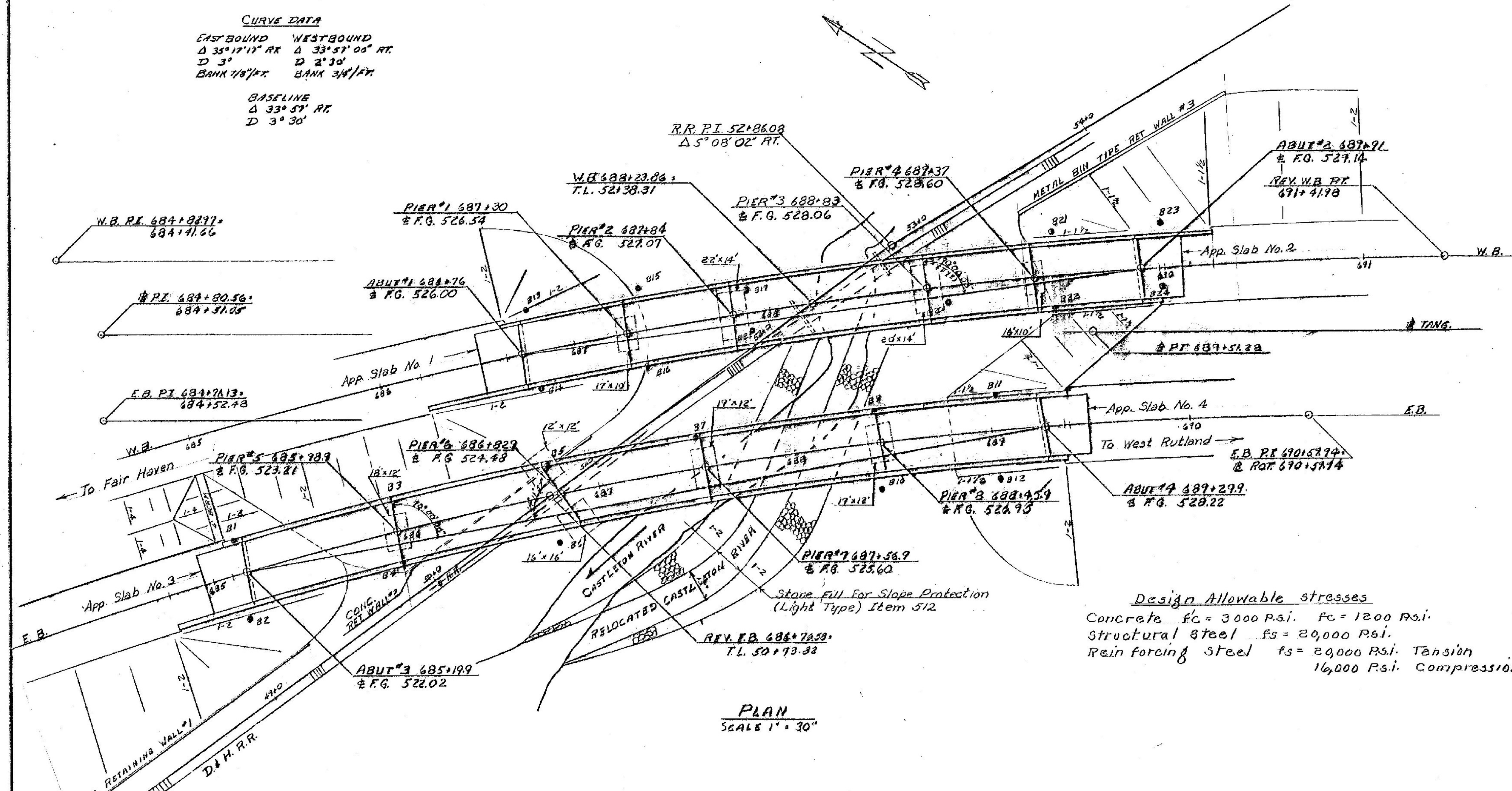
STANDARD SHEETS

SCB-30-65	SB-R1-64 (SH. 142)
SB-R2-65	SCB-DITHRU 29-65

GENERAL NOTES

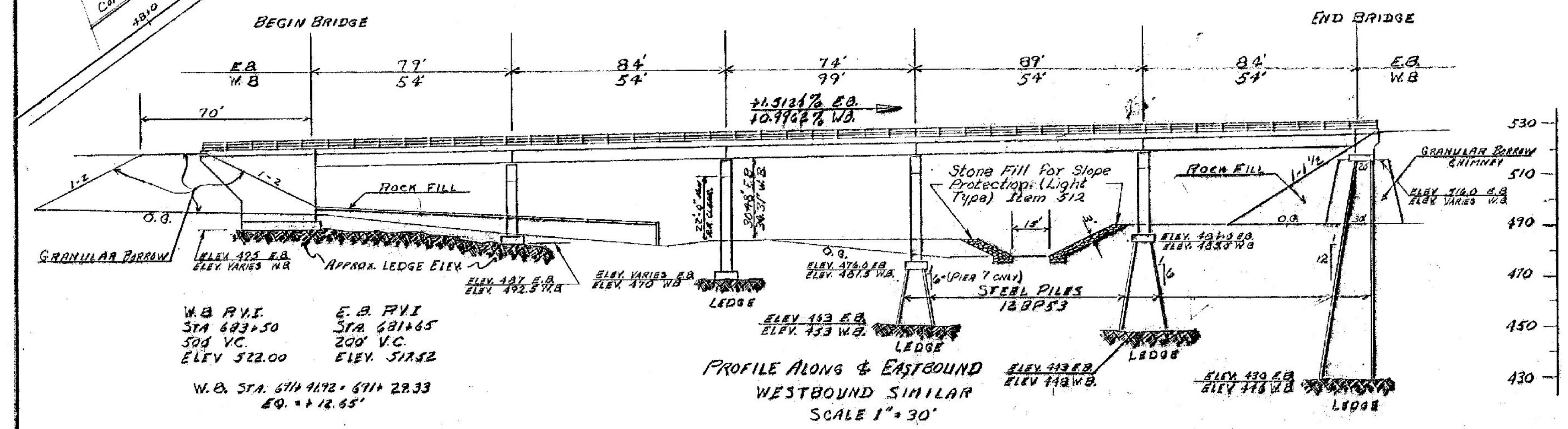
- ALL 12BP53 STEEL PILES SHALL BE DRIVEN TO A BEARING CAPACITY OF 45 TONS PER PILE.
- ELEVATION DATUM IS SEA LEVEL BASED ON NEAREST U.S. GOVERNMENT VERTICAL CONTROL.
- FOR ADDITIONAL GENERAL NOTES SEE SCB-DI-65.
- APPROACH SLABS SHALL BE CONSTRUCTED AS PART OF STAGE 1 CONSTRUCTION.
- IF ROCK FILL IS NOT AVAILABLE, USE ITEM 204 (1" THICK) FOR SLOPE PROTECTION UNDER BRIDGES AT ABUT. #1 & #3.
- EASTBOUND BRIDGE SHALL BE POSITIONED FROM PIER 6. THE E. OF PIER 6 SHALL BE AT THE INTERSECTION OF E.B. LANE AND D.H. R.R. A PRELIMINARY FIELD CHECK WAS MADE PRIOR TO DESIGN. A FINAL FIELD CHECK SHOULD BE MADE OF THIS INTERSECTION, AND PIER LOCATION REVISED IF NECESSARY.
- ITEM 505, PILE WHEN IN THE OPPOSED DIRECTION OF TRAFFIC SHALL BE POSITIONED TO ACHIEVE DESIGN LOAD.

**FAIR HAVEN - WEST RUTLAND
 BF MEMB (35)
 SHEET 28 OF 44
 BRIDGE NO. 13E
 FOR REFERENCE ONLY**



Design Allowable stresses
 Concrete $f_c = 3000$ P.S.I. $f_c = 1200$ P.S.I.
 Structural steel $f_s = 20,000$ P.S.I.
 Reinforcing Steel $f_s = 20,000$ P.S.I. Tension
 16,000 P.S.I. Compression

PLAN
 SCALE 1" = 30"



Design Notes

- Construction clearance is to be 8' 0" horizontally from C of R.R. track.
- Minimum horizontal clearance after construction is to be 12' 0" from C of R.R. Track above Track elevation.
- Minimum vertical clearance during construction is to be 18' 0".
- Minimum vertical clearance after construction is to be 22' 0" as per A.R.E.A. Standard clearance diagram.

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS

PROJECT --- WEST RUTLAND
 TOWN OF --- WEST RUTLAND
 ROUTE NO. 113-E STA. 487+30
 U.S. 7 OVER D.H. RAILROAD
 CASTLETON RIVER
 SCALE --- 1" = 30'
 IN CHARGE --- W. SPURCH
 DRAWN BY --- [Name] CHECKED BY --- W. SPURCH
 PROJECT NO. 02030-140
 SHEET 28 OF 44 BB-102