

LIST OF BRIDGE SHEETS

- BR-300 PLAN AND ELEVATION
- BR-301 BRIDGE QUANTITY SHEET
- BR-302 PRELIMINARY INFORMATION SHEET
- BR-303 BORING PLAN AND DETAIL
- BR-304 W.B. FRAMING, CURB AND RAILING PLAN
- BR-305 E.B. FRAMING, CURB AND RAILING PLAN
- BR-306 ABUTMENT No. 1 W.B.
- BR-307 ABUTMENT No. 2 W.B.
- BR-308 ABUTMENT No. 3 E.B.
- BR-309 ABUTMENT No. 4 E.B.
- BR-310-313 APPROACH SLABS
- BR-314-315 REINFORCING STEEL SCHEDULE

STANDARD SHEETS

- | | | |
|-----------------------|------------------------|-----------------------|
| SCB-38-65 | SCB-D6-65 Det. A,B,C,E | SB-R1-64 Sheets 1 & 2 |
| SCB-D1-65 | SCB-D7-65 Det. C,D,E | SB-R2-65 |
| SCB-D2-65 All details | SCB-D8-65 All details | |
| SCB-D4-65 | SCB-D9-65 Det. A | |

NOTES

1. For general notes see Std Structures SCB-D1-65
2. For superstructure details see Std Structures SCB-38-65 and Typical Bridge Section on sheet BR-305, E.B. Framing, Curb and Railing Plan.
3. For Curve Layout and Framing Plans see Sheets 304 & 305.
4. For Quantities see BR-301, Bridge Quantity Sheet.
5. Elevation datum is Sea Level based on nearest US Government Control.
6. Approach Slabs shall be constructed as part of Stage I Construction.
7. Item 440, Water Repellent, shall consist of furnishing and applying Water Repellent on exterior concrete surfaces on top of the safety walk, on the fascia and back to the drip bead under the slab and on the exposed faces of abutments not otherwise treated.
8. All Treated Timber Piles shall be driven to the designed bearing capacity of 20 tons per pile. In any case, these piles are to be driven to penetrate original ground at least 10' using whatever means are necessary.
9. Item 505 Pile Loading Tests are to be used when, in the opinion of the Engineer, the designed load carrying capacity of the piles may not be achieved based on information obtained when test piles are driven.
10. Shop Drawings for Item 556-C, Granite Bridge Curb, shall be submitted in triplicate to the State of Vermont Department of Highways for approval before fabrication.

REFERENCE SHEETS

- Roadway Plan Sheet Sta. 762 - 778
- Profile " " 762 - 778
- US 4 x-section " " 773+00 - 774+50
- " " " " 775+00 - 776+00
- " " " " 776+50 - 778+00
- Vt. Route 133 x-section Sheet Sta. 73+50 - 74+50
- " " " " " " 74+67 - 75+50

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROJECT WEST RUTLAND
TOWN OF WEST RUTLAND

ROUTE NO. U.S. 4 STA. 774+30 ±
RELOC. U.S. 4 OVER VT. 133

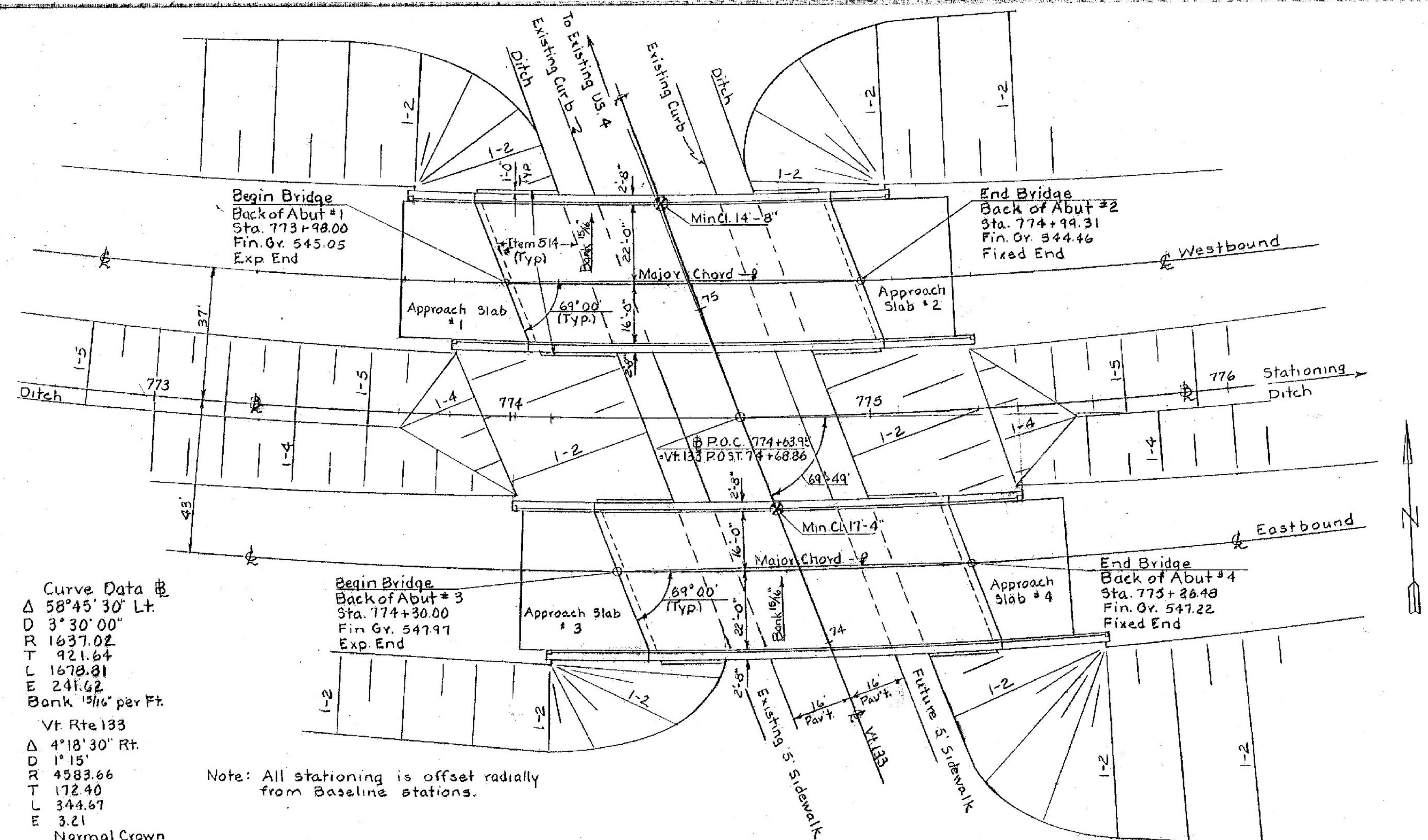
PLAN AND ELEVATION
SCALE 1" = 20'

IN CHARGE W. S. S. S.
DRAWN BY Quellette CHECKED BY D. S. S. Dec 65

PROJECT NO. 1020-1101
SHEET 138 OF 322 BR-300

Sheet 15a of 170 Sheets

FAIR HAVEN - WEST RUTLAND
BF MEMB (35)
SHEET 38 OF 44
BRIDGE NO. 15E
FOR REFERENCE ONLY

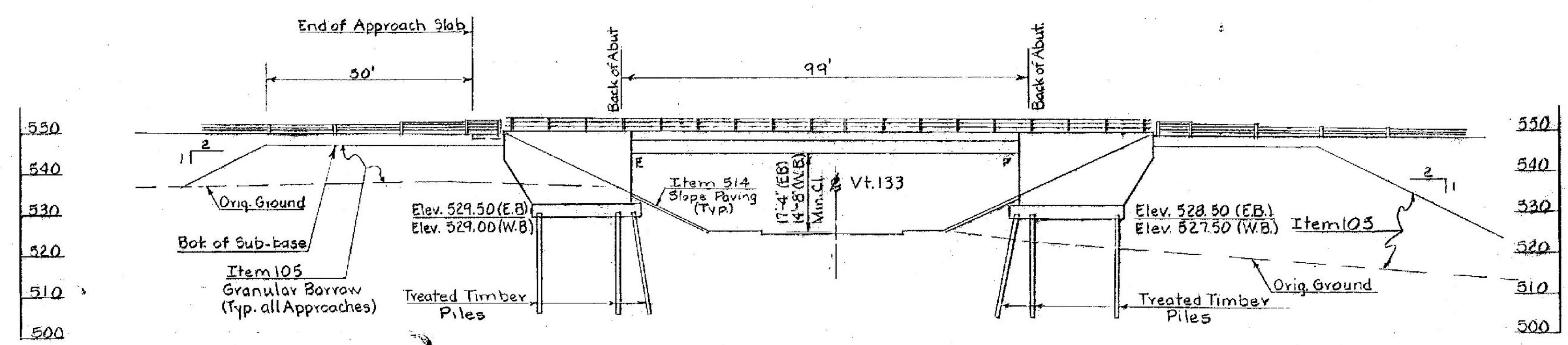


Curve Data
 Δ 58°45'30" Lt.
 D 3°30'00"
 R 1637.02
 T 921.64
 L 1678.81
 E 241.62
 Bank 1/16" per Ft.
 Vt. Rte 133
 Δ 4°18'30" Rt.
 D 1°15'
 R 4583.66
 T 172.40
 L 344.67
 E 3.21
 Normal Crown

Note: All stationing is offset radially from Baseline stations.

PLAN
Scale: 1" = 20'

Design Allowable stresses
 Concrete $f_c = 3000$ P.S.I. $f_t = 1200$ 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



ELEVATION ALONG EASTBOUND FASCIA
Scale: 1" = 20'