

CURVE DATA

Δ = 56°-45'-10" RT
 D = 3°-30'
 R = 1637.02'
 T = 884.27'
 L = 1621.51'
 E = 223.56
 BANK: 1 1/16" / FT

EASTBOUND SPIRAL DATA

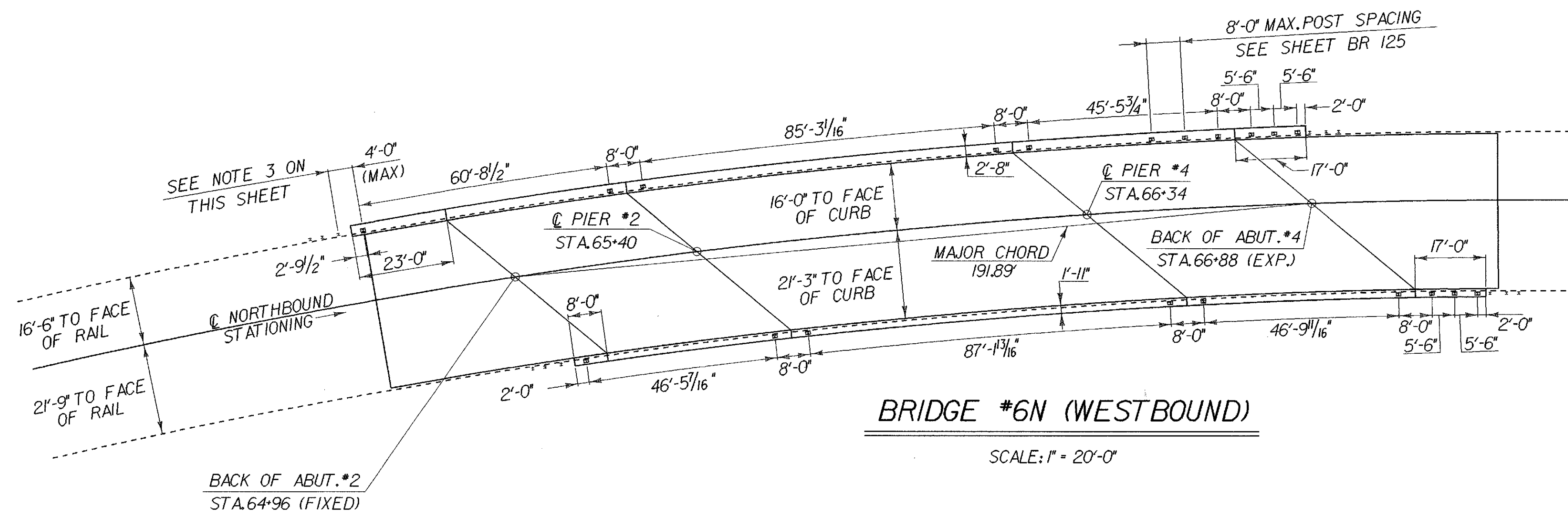
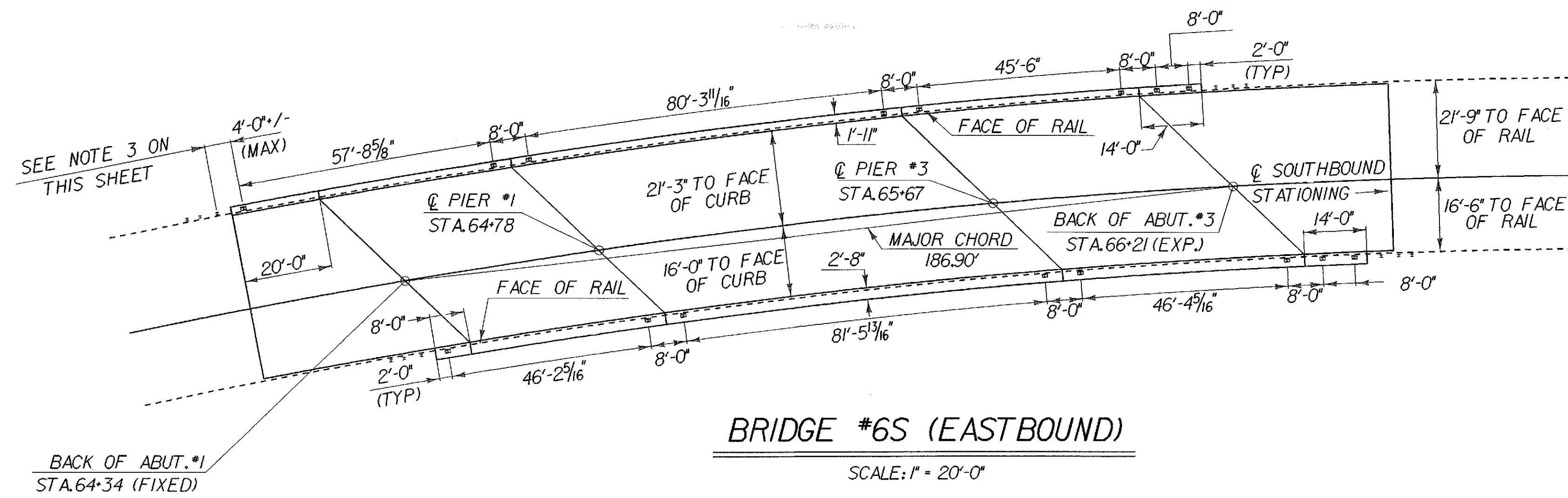
θ_s = 5°-15' Δ_s = 44°-40'-10" θ_e = 6°-50'
 L_s = 300.00 L_e = 1276.27 L_e = 390.48
 ρ = 2.29 K = 195.15 ρ = 3.88
 X_c = 299.75 Y_c = 9.16 X_e = 389.92
 T_s = 1037.36 Y_e = 15.51 T_e = 1079.61
 LT = 200.09 LT = 260.51
 ST = 100.08 ST = 130.34
 LC = 299.89 LC = 390.23

WESTBOUND SPIRAL DATA

θ_s = 5°-15' Δ_s = 46°-15'-10"
 L_s = 300.00 L_e = 1321.51
 ρ = 2.29 K = 149.96 ρ = 2.29
 X_c = 299.75 Y_c = 9.16 X_e = 389.92
 T_s = 1079.61 Y_e = 15.51 T_e = 1079.61
 LT = 200.09 LT = 260.51
 ST = 100.08 ST = 130.34
 LC = 299.89 LC = 390.23

T.S. = 60°06.54
 S.C. = 63°06.54
 C.S. = 75°46.81
 S.T. = 79°46.92 = 78°49.32

T.S. = 59°28.41
 S.C. = 62°25.41
 C.S. = 75°46.92 = 75°49.32
 S.T. = 78°46.92 = 78°49.32



NOTES

1. NO SURVEY WAS TAKEN ON THIS PROJECT. ALL DIMENSIONS, ELEVATIONS, AND STATIONS ARE TAKEN OFF THE ORIGINAL PLANS. SEE THE FOLLOWING REFERENCE SHEETS BR 137 - BR 141.
2. ALL CURB AND BRIDGE RAIL DIMENSIONS AND RADII SHOULD BE FIELD CHECKED PRIOR TO THE SUBMITTAL OF THE BRIDGE RAIL SHOP DRAWINGS.
3. SEE SHEETS BR 125, BR 126A & BR 126B FOR GUARD RAIL END TREATMENT AND POST SPACING.
4. SEE SHEET BR 124 FOR THE DETAILS AT A VERTICAL PLATE EXPANSION JOINT.
5. THE "FASCIA SIDE" (LT OR RT) IS GIVEN WITH RESPECT TO STATIONING.

| BRIDGE # | FASCIA SIDE | PAY LENGTH FOR |
|----------|-------------|--|
| | | NETC RAIL (FT) & BRIDGE CURB LENGTH (FT) |
| 6N | LT | 230'-5 1/16" |
| | RT | 219'-4 1/16" |
| 6S | LT | 219'-6 1/16" |
| | RT | 210'-0 1/16" |

**STATE OF VERMONT
 AGENCY OF TRANSPORTATION**

| | |
|---|---|
| Town Of HARTFORD-SHARON-ROYALTON | Bridge No. 6N & 6S |
| Highway No. 189 | Log Sta. Surv. Sta. |
| LAYOUT BRIDGES 6 (MM 1J) NORTHBOUND & 6 (MM 1J) SOUTHBOUND OVER U.S. ROUTE 5 | |
| Designed By C. MEUNIER | Drawn By M. PELLOUIN |
| Checked By C. MEUNIER Date 11/96 | Bridge Design Supervisor G.S. ROGERS Date 11/96 |
| PROJECT HARTFORD-SHARON-ROYALTON | PROJECT NO. 1M IR 089-1(B) |
| I.C.:\work\cadd\111\ingcabl\net\87\0008\Structures\so08nuldga008b06j | |
| Bridge Sheet No. BR 114 | Sheet 71 of 260 |