

- GENERAL NOTES**
- Elevation datum sea level based on nearest U.S. Government Vertical Control.
  - For details of Bearing Devices see Std. Sheet SCB-D8-65.
  - For details of Curtain Walls at Bearing Devices see Std. Sheet SCB-D9-65 Detail A.
  - All piling shall be 12 BP 53 Steel H-Piles driven to point bearing on ledge. Elevations shown on the plans are anticipated ledge elevations for design purposes.
  - For additional notes see Std. Sheet SCB-D1-65.

- LIST OF BRIDGE SHEETS**
- Br. 100 Plan & Elevation - E.B. & W.B.
  - Br. 101 Plan & Elevation - E.B.
  - Br. 102 Plan & Elevation - W.B.
  - Br. 103 Bridge Quantity Sheet
  - Br. 104 Preliminary Information Sheet
  - Br. 105-106 Boring Logs
  - Br. 107 Eastbound Framing Plan; Curve, Curb, & Railing Layouts
  - Br. 108 Westbound Framing Plan; Curve, Curb, & Railing Layouts
  - Br. 109-112 Details of Approach Slabs No. 1-4
  - Br. 113-116 Abutments No. 1-4 Details
  - Br. 117-120 Pier No. 1-4 Details
  - Br. 121-124 Reinforcing Steel Schedules

- BRIDGE STANDARDS**
- SCB-37.25-65 → NB Spn Bridges
  - SCB-D1-65 → NB Spn Bridges
  - SCB-D2-65 → Pier Exp. - W.B.
  - SCB-D3-65 → Exp. P. & Drainage
  - SCB-D4-65 → Curb Layout
  - SCB-D5-65 → Rein. @ Pier
  - SCB-D6-65 → Stupper details
  - SCB-D7-65 → diaph. span
  - SCB-D8-65 → bearing devices
  - SCB-D9-65 → curb, wall, etc.
  - SB-R2-65 → Rail
  - SB-R1-64 Sheets 1 & 2 → Rail

- REFERENCE SHEETS**
- I-89 Roadway Plan Sheet Sta. 61 to 77
  - I-89 Roadway Profile Sheet Sta. 61 to 77
  - I-89 Roadway Sections E.B. Sta. 61+00 to 68+50
  - I-89 Roadway Sections W.B. Sta. 61+00 to 68+00
  - U.S. 5 Roadway Sections Sta. 0+50 to 7+50
  - Std. Sheet G-3a
  - Std. Sheet B-17

Survey E.B. & W.B.

A 56°45'10" Rt  
D 3°30'  
R 1637.02  
T 884.27  
L 1621.51  
E 223.56  
Bank 1/2% per ft

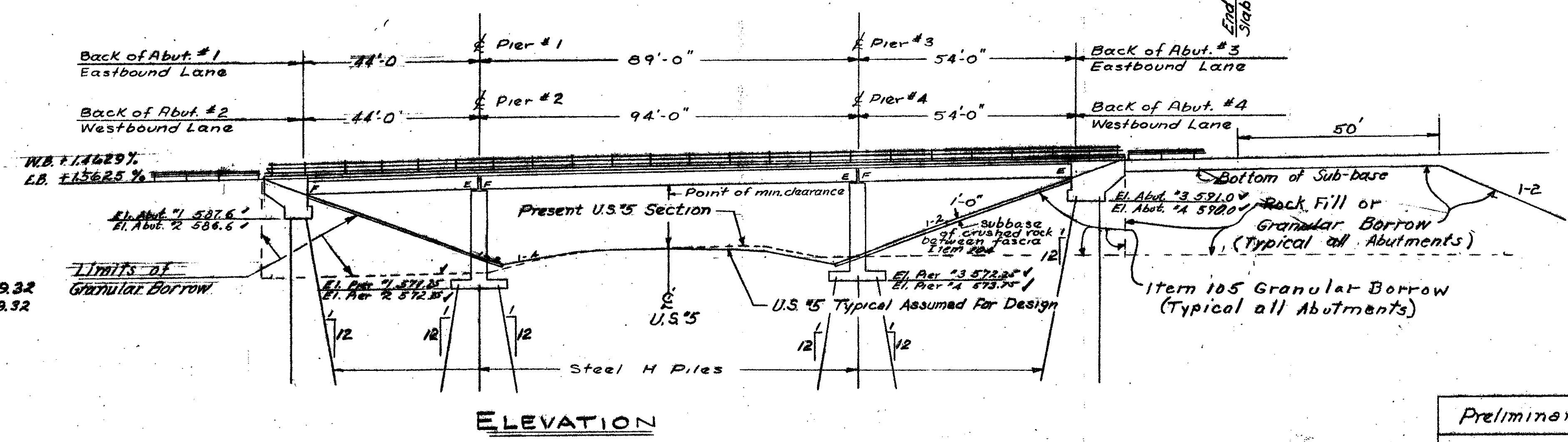
EB Spiral Curve  
 $\theta_s$  5°15'     $\Delta_c$  44°40'10"     $\theta_s$  6°50'  
 $L_s$  300.00     $L_c$  1276.27     $L_s$  390.48  
 $P$  2.29     $P$  3.88  
 $K$  149.96     $K$  196.15  
 $X_c$  299.75     $X_c$  389.92  
 $Y_c$  9.16     $Y_c$  15.51  
 $T_s$  1037.36     $T_s$  1079.61  
 $LT$  200.09     $LT$  260.51  
 $ST$  100.08     $ST$  130.34  
 $LC$  299.89     $LC$  390.23

TS: 60+06.54  
SC: 63+06.54  
C.S.: 75+82.81  
S.T.: 79+73.29 = 78+77.09

WB Spiral Curve  
 $\theta_s$  5°15'     $\Delta_c$  46°15'10"     $\theta_s$  6°50'  
 $L_s$  300.00     $L_c$  1321.51     $L_s$  390.48  
 $P$  2.29     $P$  3.88  
 $K$  149.96     $K$  196.15  
 $X_c$  299.75     $X_c$  389.92  
 $Y_c$  9.16     $Y_c$  15.51  
 $T_s$  59+28.41  
 $SC$  62+25.41  
 $CS$  75+46.92 = 75+49.32  
 $ST$  78+46.92 = 78+49.32

Spiral Offsets

Station	Offset	Station	Offset
63+93	2.72' Rt	64+50	2.51' Rt
64+00	2.73' Rt	64+53	2.51' Rt
64+24	2.77' Rt	64+86	2.52' Rt
64+50	2.81' Rt	65+00	2.53' Rt
64+78	2.85' Rt	65+48	2.54' Rt
65+00	2.89' Rt	65+50	2.55' Rt
65+50	2.97' Rt	66+00	2.56' Rt
65+87	2.99' Rt	66+34	2.57' Rt
66+00	3.04' Rt	66+50	2.58' Rt
66+21	3.07' Rt	66+88	2.58' Rt
66+50	3.12' Rt	67+00	2.58' Rt
66+56	3.18' Rt	67+25	2.59' Rt



Bridge #6N & 6S

BR. 100 OF 124

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

TOWN OF Hartford

ROUTE NO. I 89 LOG STA. \_\_\_\_\_

INTERSTATE OVER U.S. 5

PLAN AND ELEVATION

SCALE 1" = 20'

SURVEYED BY VAN WAGENEN

Preliminary Information Approval

Recommended For Approval: J. M. Quinn Bridge Engineer Date: 7/15/64

Recommended For Approval: R. H. Arnold Asst. Chief Engineer

Approved By: G. D. Seshup Chief Engineer

THIS SHEET IS FOR INFORMATION PURPOSES ONLY  
HARTFORD-SHARON-ROYALTON IM 1R 089-1(8)

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