

GENERAL NOTES

1. FOR DESIGN STRESSES AND ADDITIONAL GENERAL NOTES, SEE STANDARD SHEET SCB-DI-67 NOTES 1, 3, 4, 6, 7, 12, 14 THROUGH 20.
2. ELEVATION DATUM IS SEA LEVEL BASED ON NEAREST U.S. GOVERNMENT CONTROL.
3. SUPERSTRUCTURE CONCRETE AND PIER CAP CONCRETE SHALL BE CONCRETE CLASS A-A, ITEM 401A-A (MOD.), ALL OTHER CONCRETE SHALL BE CONCRETE CLASS B, ITEM 401-B (MOD.). ALL EXPOSED EDGES OF CONCRETE IN BOTH THE SUPERSTRUCTURE AND THE SUBSTRUCTURE SHALL BE CHAMFERED 1"x1".
4. FOR CONSTRUCTION JOINT DETAILS SEE STANDARD SHEET SCB-D6-67, DETAIL B.
5. REINFORCING STEEL SHALL HAVE 3" CLEAR COVER IN ALL FOOTINGS AND 2" ELSEWHERE UNLESS OTHERWISE NOTED.
6. WINGWALL CONCRETE SHALL NOT BE PLACED ABOVE ADJACENT BRIDGE SEAT ELEVATIONS UNTIL BEAMS HAVE BEEN PROFILED AND FINAL GRADE ESTABLISHED BY THE ENGINEER.
7. ABUTMENT BRIDGE SEATS SHALL BE COATED WITH EPOXY COATING COMPOUND, ITEM 438-A. WATER REPELLENT, ITEM 440, SHALL BE APPLIED TO ALL OTHER EXPOSED CONCRETE SURFACES INCLUDING PIER BRIDGE SEATS. THAT PORTION OF THE DECK SLAB AND CURTAIN WALLS BETWEEN FASCIA BEAMS SHALL NOT BE TREATED.

STANDARD SHEETS REQUIRED

SCB-DI-67	APRIL 28, 1970R
SCB-D6-67, DET. A, D, E, F	APRIL 28, 1970R
SCB-D9-67, DET. A	DECEMBER 11, 1970R
S-B-R1-71, SHEETS 142	AUGUST 24, 1971
G-8A	APRIL 24, 1970R

REFERENCE SHEETS

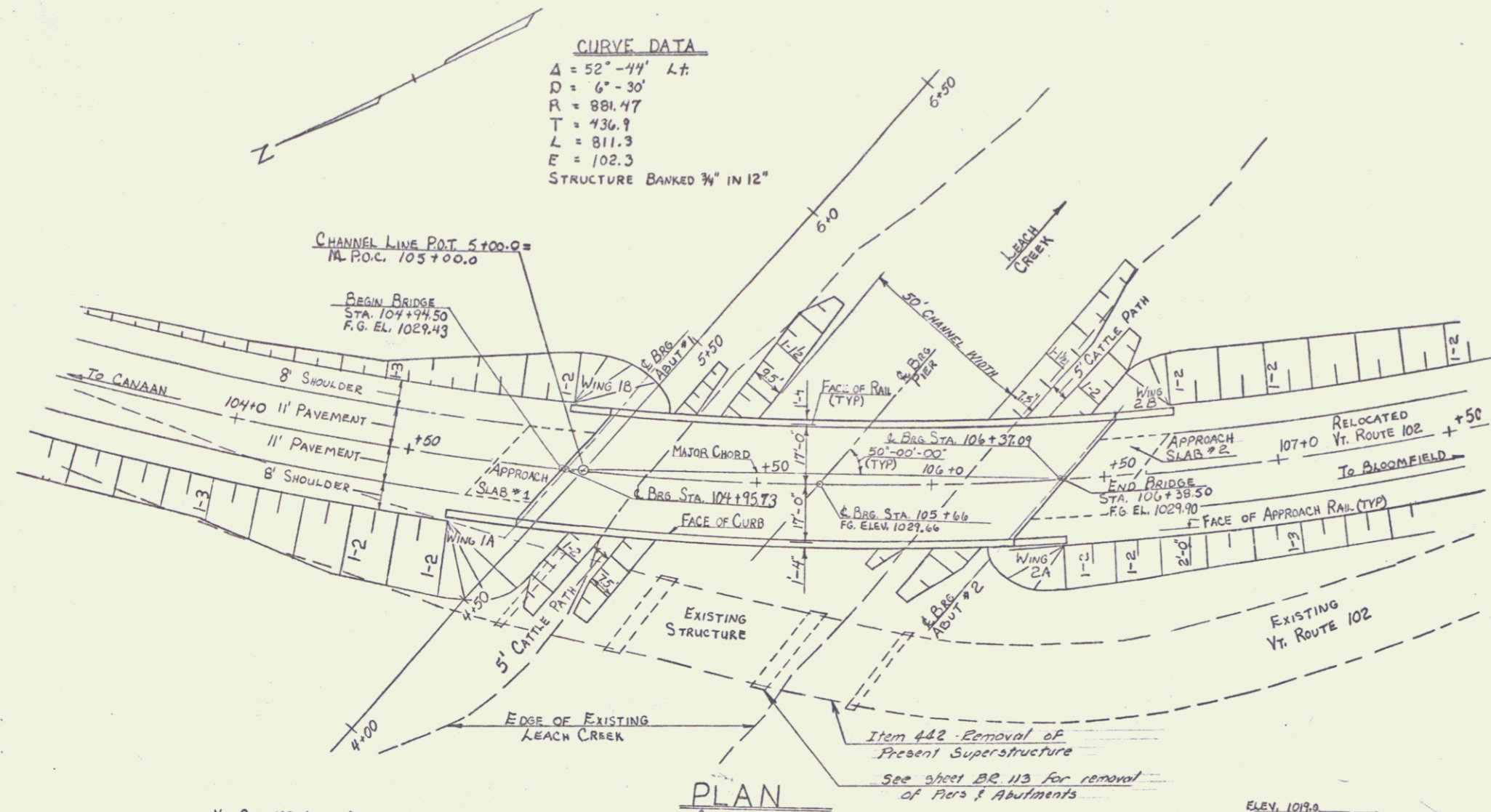
PLAN:	VT. RTE 102 E STA 101+00 TO STA 112+00
PROFILE:	VT. RTE 102 E STA 101+00 TO STA 112+00
CROSS SECTIONS:	VT. RTE 102 E STA 102+25 TO STA 109+14

HYDRAULIC DATA

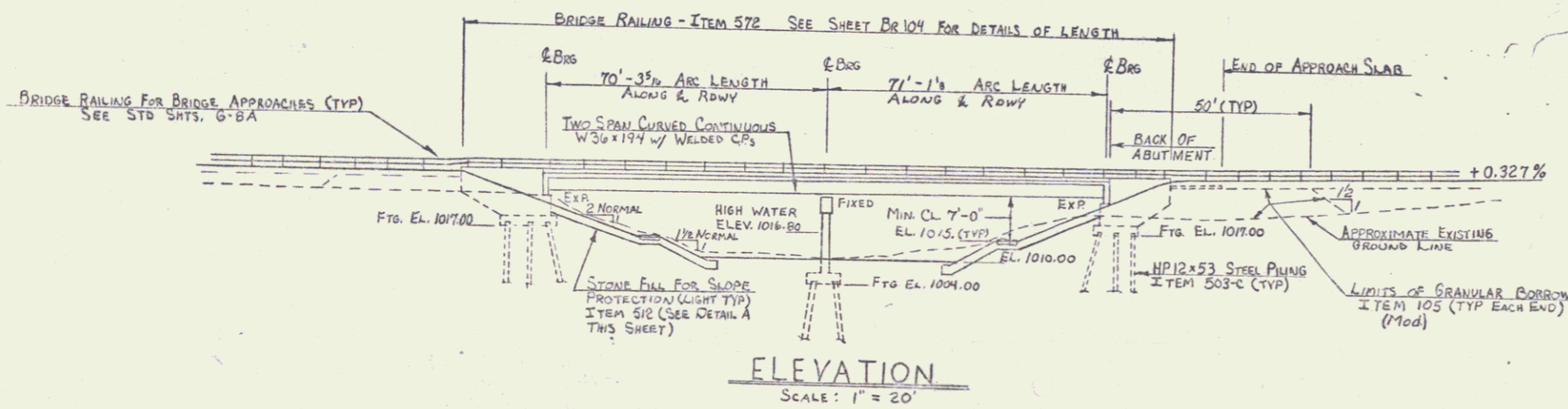
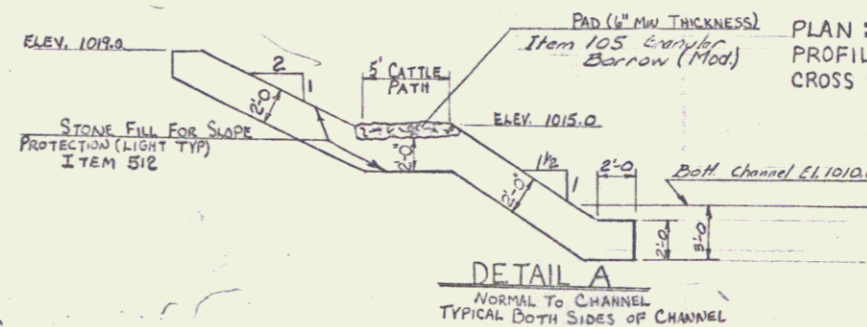
Drainage Area = 37900 Acres
 Design Discharge (Q₅₀) = 4000 C.F.S.
 Stream Velocity of Design Discharge = 12.1 f.p.s.
 Ordinary High Water El. = 1014.8
 Design High Water El. = 1016.8

CURVE DATA

Δ = 52° - 44' L.F.
 D = 6° - 30'
 R = 881.47
 T = 436.9
 L = 811.3
 E = 102.3
 STRUCTURE BANKED 3/4" IN 12"



VT. RTE 102 (RELOC.)
 -0.656% +0.327%
 PVI STA 103+50
 300' VC
 ELEV. = 1028.96



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STATE OF VERMONT DEPARTMENT OF HIGHWAYS

TOWN OF	CANAAN	Bridge No.	19
Highway No.	VT. RTE 102	Long Sta.	339+31
		Short Sta.	105+66.0
VT. ROUTE 102 OVER LEACH CREEK			
PLAN, ELEVATION, & GENERAL NOTES			
Designed by	E. ENGLEHARDT	Drawn by	D. PERRIN
Checked by	R.L. COLLEY	Date	9/71
		Project No.	J. WOOD
			9/71
		Project No.	EHS R50271(112)
		Bridge Sheet No.	BR 100
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