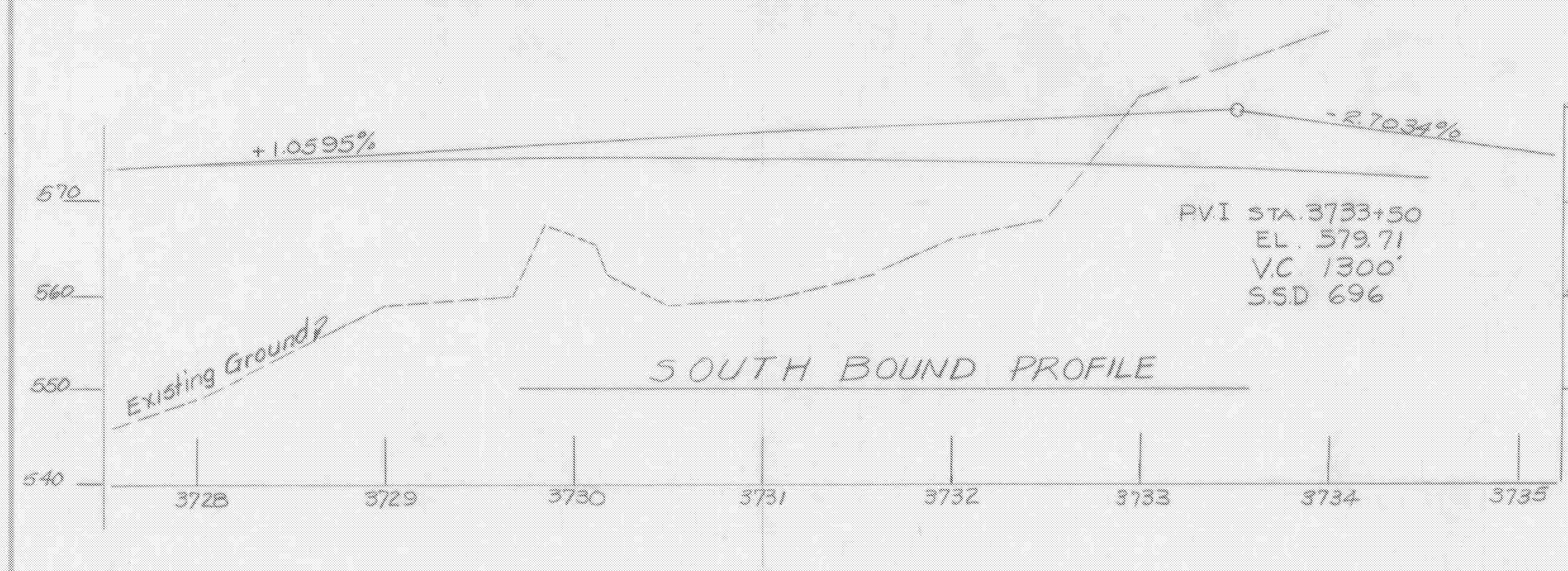

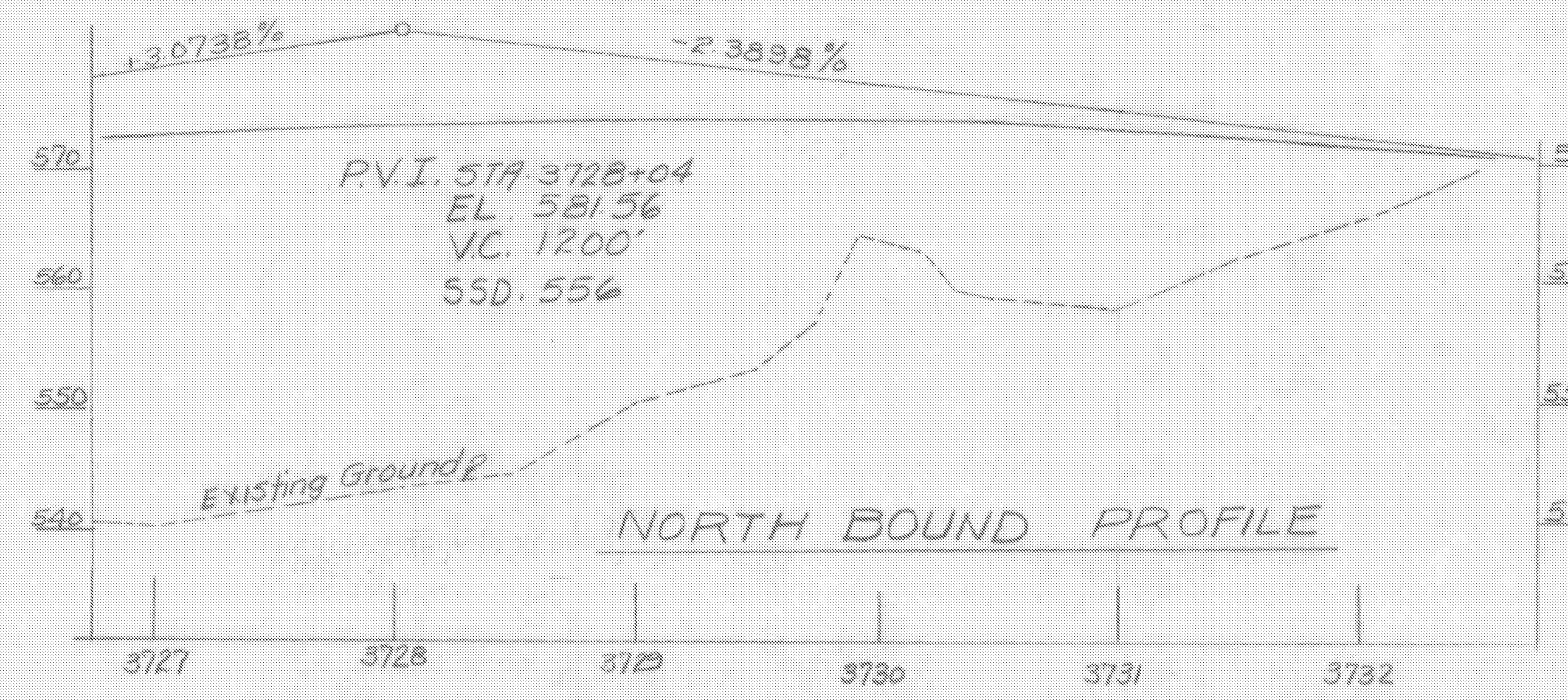

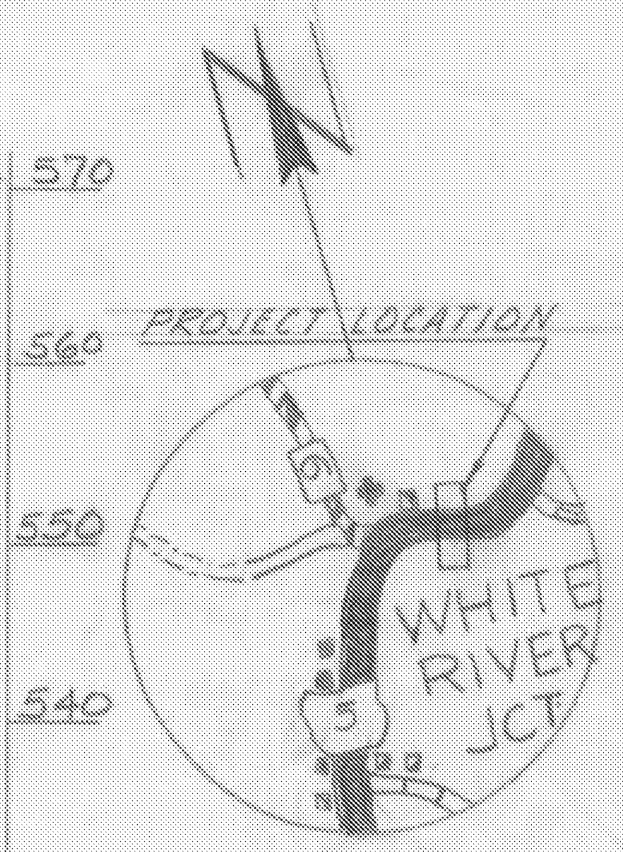

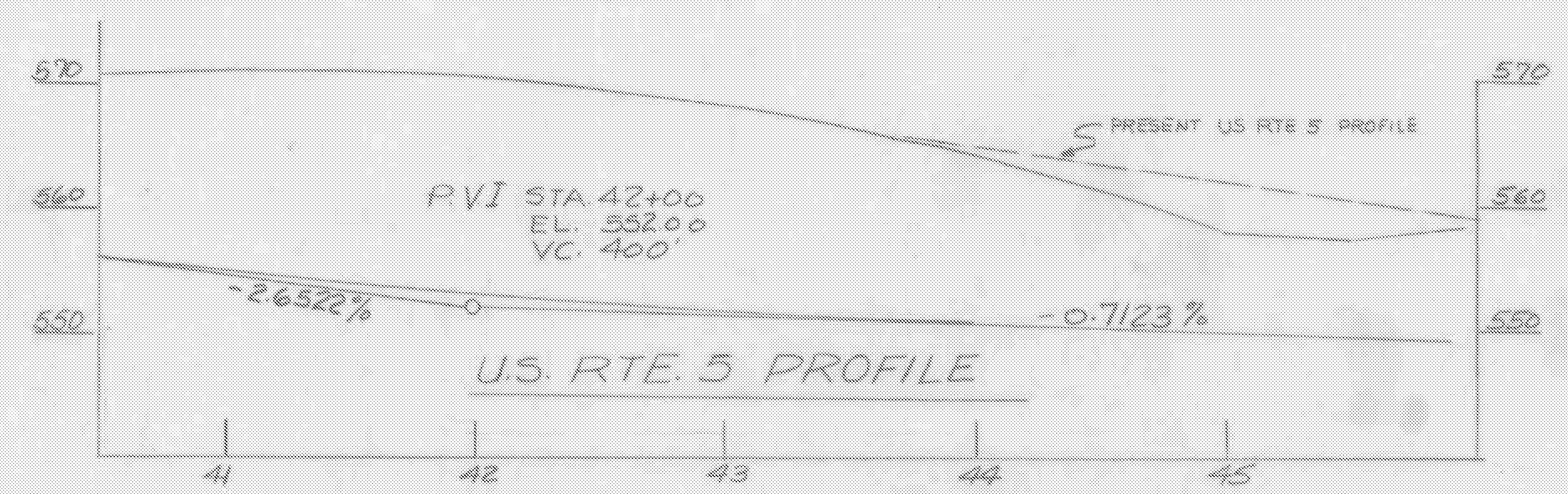

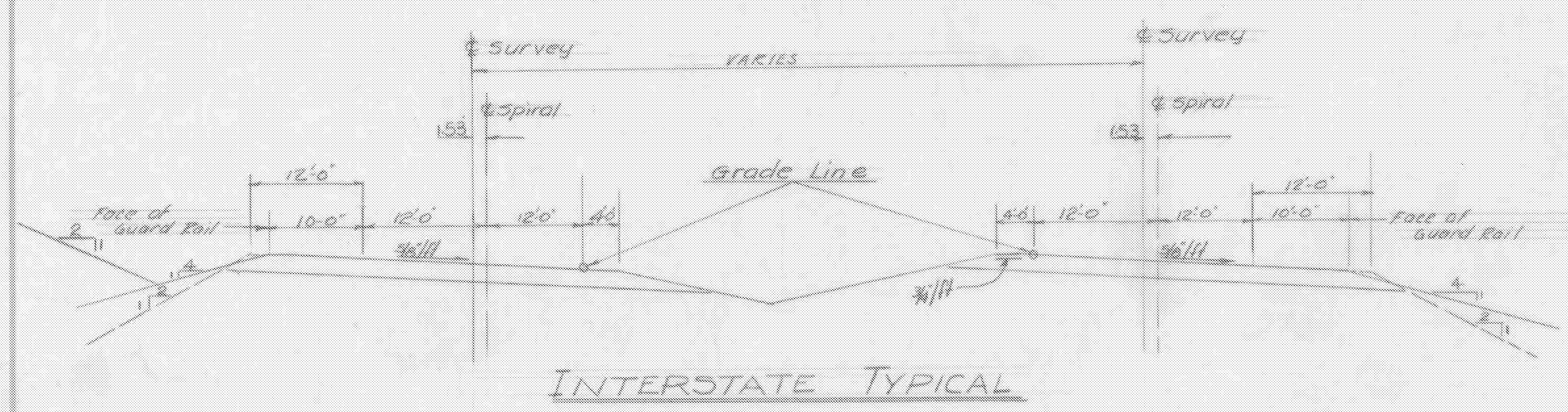

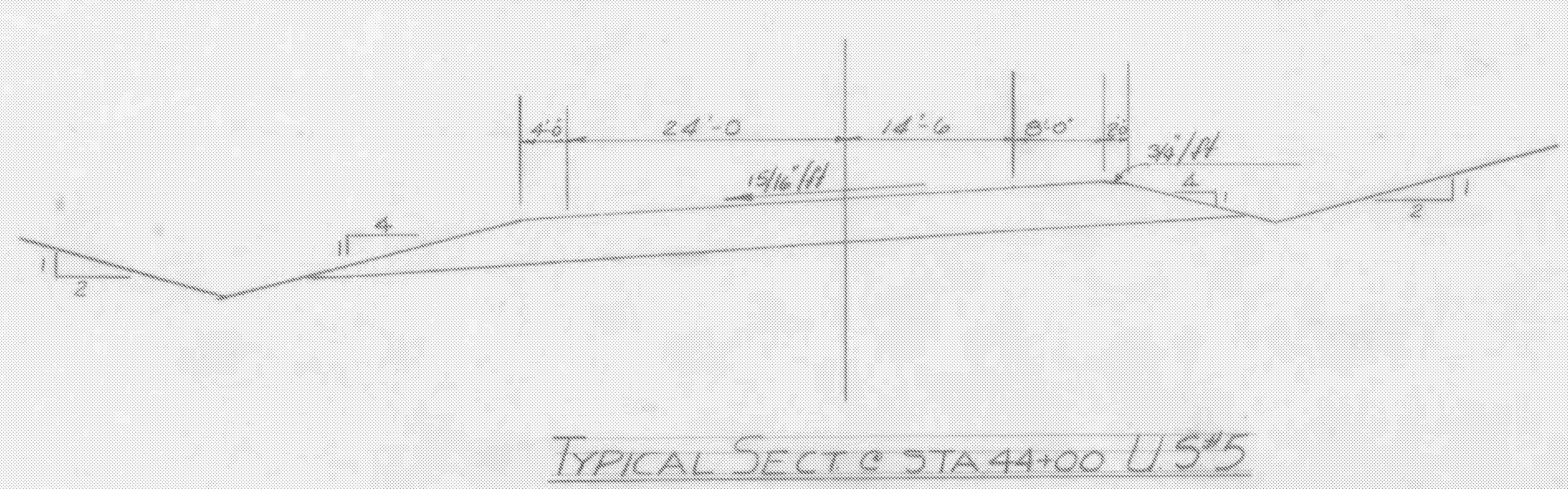

NEW STRUCTURE

1 RECOMMENDED TYPE OF STRUCTURE Three span Cantilever W.F. beam
2 RECOMMENDED CLEAR SPAN OR SPANS 50-10-80-10-50
3 ARE SIDEWALKS REQUIRED NO
4 RECOMMENDED TYPE OF PAVEMENT 1½" Bit Conc Pav't & 7½" Conc. Slab

TABLE OF ESTIMATED PILE LENGTHS

LOCATION	FOOTING ELEV.	PILE LENGTH
Abutment No. 1	564.0	40'
Abutment No. 2	564.5	32'
Abutment No. 3	561.5	36'
Abutment No. 4	VARIES (on ledge)	—
Pier No. 1	545.5	21'
Pier No. 2	548.5	22'
Pier No. 3	545.5	22'
Pier No. 4	544.0 (on ledge)	—

Design Loading: HS 20-44

Design Stresses: A36 Steel f_s = 20,000 psi
Concrete f'_c = 3,000 psi
Reinf Steel f_s = 20,000 psi (Tension)

HARTFORD-SHARON
IM MEMB(15)

SHEET 31 OF 47
BRIDGE 43S
FOR REFERENCE ONLY

ITEM NO.	ITEM	UNIT	NET		TOTAL	FINAL
	CHAN. EXCAV. OF EARTH	C.Y.				
	CHAN. EXCAV. OF ROCK	C.Y.				
	UNCLASS. CHAN. EXCAV.	C.Y.				
	STRUCT. EXCAV.	C.Y.				
	CONC. CLASS AA (MOD.)	C.Y.				
	CONC. CLASS B (MOD.)	C.Y.				
	REINF. STEEL	LBS.				
	ASPHALTIC-ASB. COATING	S.Y.				
	TREATED TIMBER PILING	L.F.				
	SPLICES FOR STEEL PILING	EA.				
	STEEL PILING	L.F.				
	UNTREATED TIMBER PILING	L.F.				

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF HARTFORD
ROUTE NO. I 91 LOG STA.
INTERSTATE I-91 OVER U.S.#5
PRELIMINARY INFORMATION
SCALE
SURVEYED BY
DRAWN BY G.V.K. CHECKED BY R.L.O.
PROJECT NO. I-91-2(2)
SHEET 91 OF 219

Recommended for Approval 6/3/64 [signature] Bridge Engineer
Recommended for Approval 6/3/64 [signature] Ass't Chief Engineer
Approved By 6/3/64 [signature] Chief Engineer

BR 103 of 124