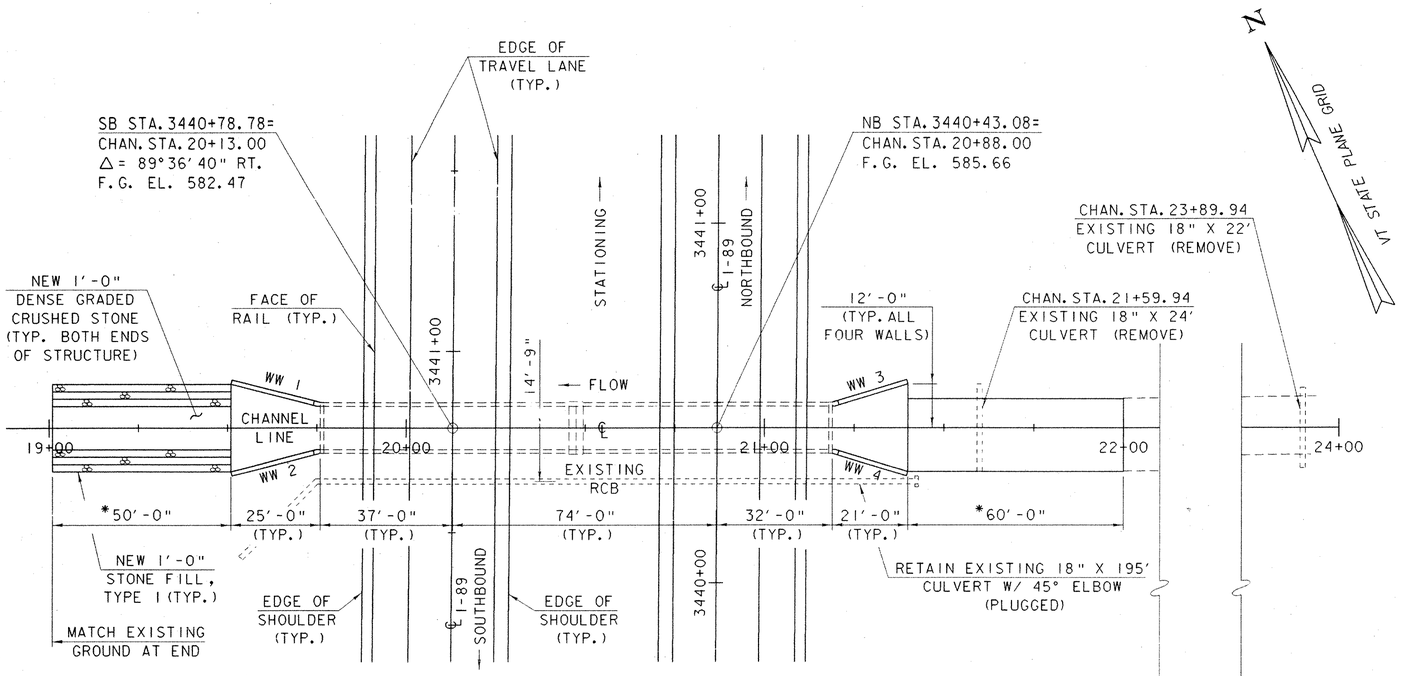
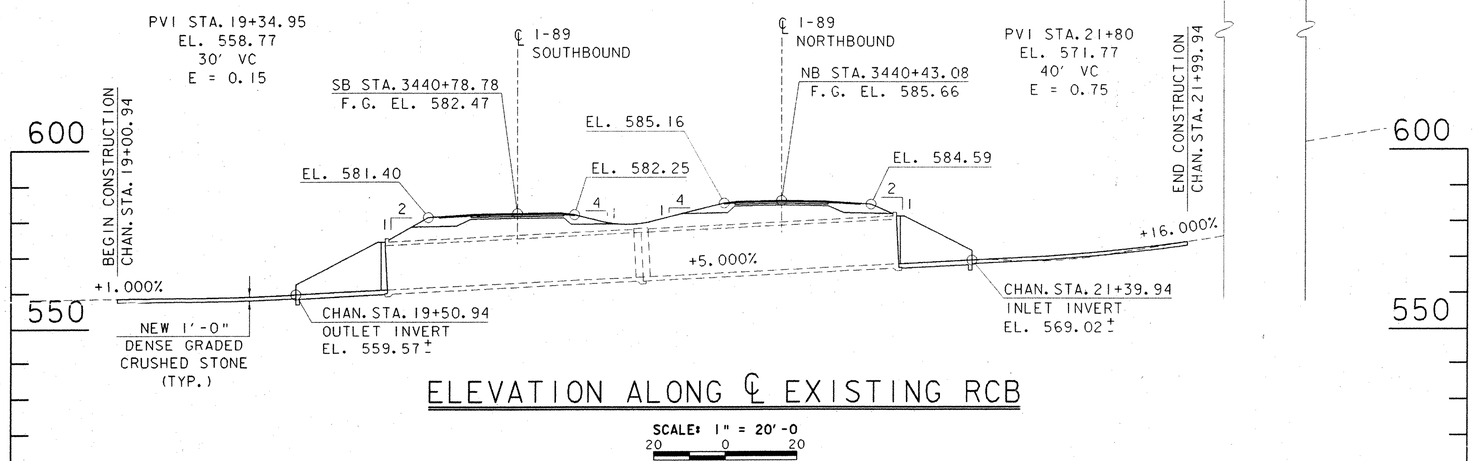


PLAN

SCALE: 1" = 20'-0

20 0 20

*OR AS DIRECTED BY THE RESIDENT ENGINEER. CONSTRUCT FLOW LINE DRAINAGE TO AVOID PONDING BEFORE AND BEYOND THE INLET AND OUTLET TO THE EXISTING STRUCTURE.



ELEVATION ALONG ℄ EXISTING RCB

SCALE: 1" = 20'-0

20 0 20

IMPORTANT NOTE: BRIDGE FINISHED GRADES ARE CENTERLINE GRADES.

NOTES

1. ***SCOPE OF WORK:*** *REMOVE AND REPLACE WINGWALLS AND APRONS AT BOTH ENDS OF THE EXISTING STRUCTURE. REDIRECT ALL DRAINAGE TO PASS THROUGH THE EXISTING RCB AS SHOWN IN THE PLANS. PERFORM ADDITIONAL CONCRETE REPAIR AND DRAINAGE WORK AS SHOWN IN THE PLANS AND AS DIRECTED BY THE RESIDENT ENGINEER.*
2. *ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990, AND ITS LATEST REVISIONS AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DATED 1996, AND ITS LATEST REVISIONS.*
3. *THESE PLANS WERE PREPARED USING INFORMATION FROM THE 1966 RECORD PLANS FOR THIS STRUCTURE, AND ANY FIELD MEASUREMENTS THAT HAVE BEEN PERFORMED SINCE ORIGINAL CONSTRUCTION. REFERENCE SHEETS FROM VAOT RECORD PLANS FOR BRIDGE 88-3 ARE INCLUDED IN THE PLANS FOR THE CONTRACTOR'S USE. THESE SHEETS ARE LOCATED AT THE END OF THIS (BR500) SERIES OF BRIDGE SHEETS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING IN THE FIELD ANY DIMENSIONS OF EXISTING MATERIAL OR EXISTING ELEVATIONS INCLUDED IN THESE REFERENCE SHEETS OR IN THE PLANS. MINOR MODIFICATIONS MAY BE REQUIRED TO THE DIMENSIONS SHOWN IN THE PLANS IN ORDER TO FIT ACTUAL FIELD CONDITIONS.*
4. *EXISTING ELEVATIONS SHOWN IN THE PLANS ARE BASED ON A CORRELATION BETWEEN THE RECORD PLANS ELEVATIONS AND THE VAOT SURVEY OF THE PROJECT AREA AND BRIDGE COMPONENTS. THE ADJUSTMENT FACTOR FOR EXISTING ELEVATIONS USED IN DESIGN, RELATIVE TO ELEVATIONS INDICATED IN THE RECORD PLANS, WAS -0.43 FT.*
5. *A QUANTITY FOR ITEM 580.13, "REPAIR OF CONCRETE SUBSTRUCTURE SURFACE, CLASS I" HAS BEEN INCLUDED FOR ANY REPAIRS TO THE EXISTING BARREL AND FASCIAS OF THE RCB AS DIRECTED BY THE RESIDENT ENGINEER. SEE SUPPLEMENTAL SPECIFICATION 580 FOR ADDITIONAL INFORMATION.*

BRIDGE 88-3 QUANTITIES

	ITEM NO.	ITEM	UNIT	INLET	OUTLET	TOTAL	FINAL
Ⓡ	203.15	COMMON EXCAVATION	CY	50	50	100	
Ⓡ	203.31	SAND BORROW	CY	150	150	300	
Ⓡ	204.20	TRENCH EXCAVATION OF EARTH	CY	30		30	
	204.25	STRUCTURE EXCAVATION	CY	260	270	530	
	204.30	GRANULAR BACKFILL FOR STRUCTURES	CY	70	80	150	
Ⓡ	301.35	SUBBASE OF DENSE GRADED CRUSHED STONE	CY	85	65	150	
	501.25	CONCRETE, CLASS B	CY	39	46	85	
	507.17	EPOXY COATED REINFORCING STEEL	LB	5170	6060	11230	
	514.10	WATER REPELLENT	GAL	2.5	2.5	5	
	519.20	SHEET MEMBRANE WATERPROOFING	SY	120	120	240	
	529.25	REMOVAL OF CONCRETE OR MASONRY	CY	33	37	70	
	580.13	REPAIR OF CONCRETE SUBSTRUCTURE SURFACE, CLASS I	SY	5	5	10	
Ⓡ	613.10	STONE FILL, TYPE I	CY		30	30	

Ⓡ DENOTES ROADWAY QUANTITY

INDEX OF SHEETS

BR500	88-3 PRELIMINARY INFORMATION SHEET
BR501	88-3 EARTHWORK TYPICALS
BR502	88-3 APRON PLAN
BR503	88-3 APRON REINFORCING DETAILS
BR504	88-3 WINGWALL ELEVATIONS
BR505	88-3 REINFORCING STEEL SCHEDULE
BR506-508	88-3 REFERENCE SHEETS 1-3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of FAIRFAX-FAIRFIELD-ST. ALBANS	Bridge No. 88-3
Highway No. I-89	Log Sta. MM 114.06
	Surv. Sta.

I-89 OVER REINFORCED CONCRETE BOX

88-3 PRELIMINARY INFORMATION SHEET

Designed By M.LOZIER	Drawn By G.ROY
Checked By M.LOZIER Date 02/00	Bridge Design Supervisor R.R.WHITCOMB Date 02/00
PROJECT FAIRFAX-FAIRFIELD-ST. ALBANS	PROJECT NO. IM 089-3 (27)
I.G.C. Info. 96a056\structures\sa056pl4.dgn	sa056pl4J
Bridge Sheet No. BR500	Sheet 244 of 370

PLOTTED 21-SEP-2000