

ALIGNMENT DATA

CONSTRUCTION CENTERLINE	SURVEY BASELINE		NORTHING	EASTING
	STATION	OFFSET		
BEGIN PROJECT STA 2+020.000	1+042.887	6116 LT	4829.0966	9993.6156
PI CURVE 1 STA 2+043.636 BK. = STA 2+042.676 AH.	1+066.399	8537 LT	4851.1937	9985.2230
PI CURVE 2 STA 2+126.878 BK. = STA 2+126.856 AH.	1+148.680	1487 LT	4935.0177	9993.2034
PI CURVE 3 STA 2+163.053 BK. = STA 2+162.343 AH.	1+184.783	3941 LT	4971.2112	9993.6961
END PROJECT STA 2+150.000	1+171.764	2990 LT	4958.1589	9993.5841
CURVE 1	CURVE 2	CURVE 3		
Δ = 26°03'45"	Δ = 04°39'30"	Δ = 29°36'45"		
R = 120.000	R = 500.000	R = 60.000		
T = 27.773	T = 20.337	T = 15.860		
L = 54.586	L = 40.652	L = 31.010		
E = 3.172	E = 0.413	E = 2.061		

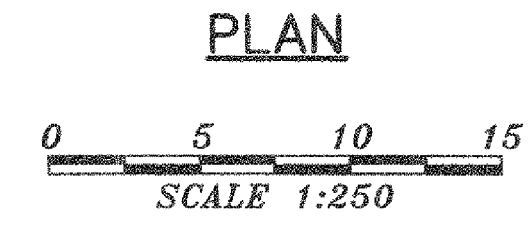
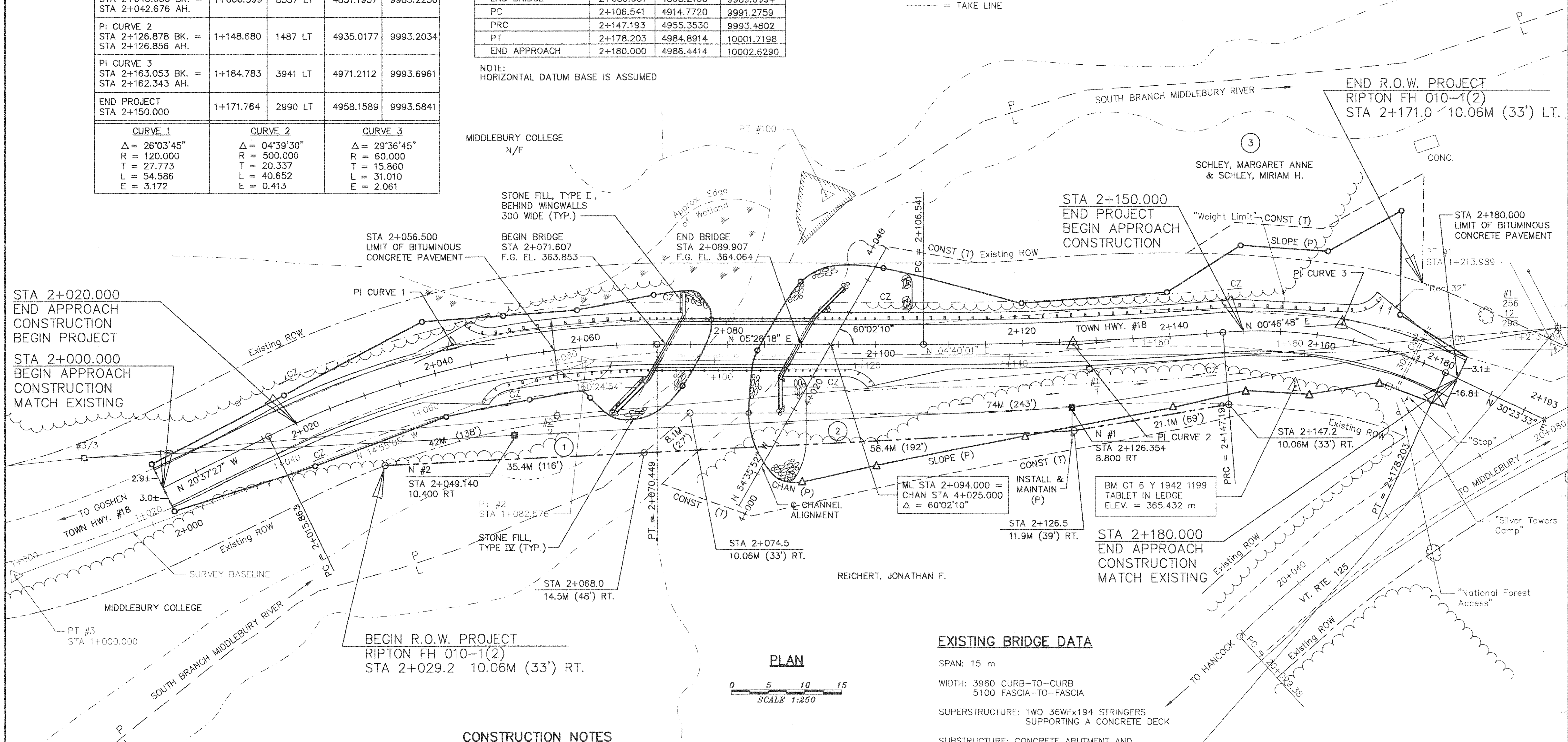
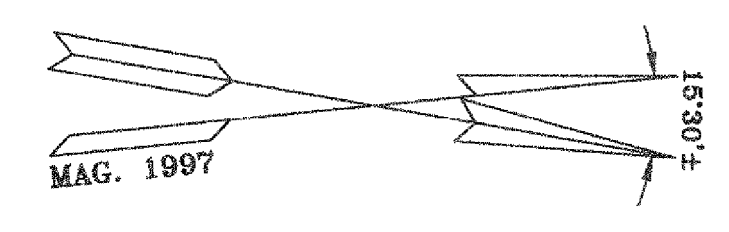
COORDINATES

POINT	STATION	NORTHING	EASTING
BEGIN APPROACH	2+000.000	4810.3540	10000.5934
PC	2+015.863	4825.2004	9995.0058
PT	2+070.449	4878.8420	9987.8552
BEGIN BRIDGE	2+071.607	4879.9953	9987.9650
END BRIDGE	2+089.907	4898.2130	9989.6994
PC	2+106.541	4914.7720	9991.2759
PRC	2+147.193	4955.3530	9993.4802
PT	2+178.203	4984.8914	10001.7198
END APPROACH	2+180.000	4986.4414	10002.6290

NOTE:
HORIZONTAL DATUM BASE IS ASSUMED

LEGEND

- CZ- = CLEAR ZONE
- W = WETLAND
- - - = EXISTING R.O.W.
- - - - - = TAKE LINE



EXISTING BRIDGE DATA

- SPAN: 15 m
- WIDTH: 3960 CURB-TO-CURB
5100 FASCIA-TO-FASCIA
- SUPERSTRUCTURE: TWO 36WFx194 STRINGERS
SUPPORTING A CONCRETE DECK
- SUBSTRUCTURE: CONCRETE ABUTMENT AND
WINGWALLS WITH EXPOSED FOOTINGS

CONSTRUCTION NOTES

REMOVE AND RESET EXISTING SIGNS

STA 2+167.4, 5.3 LT REMOVE AND RESET
STA 2+168.5, 5.5 LT REMOVE AND RESET
STA 2+155.0, 3.9 LT REMOVE
REMOVAL PAID UNDER ITEM 675.50
RESETTING PAID UNDER ITEM 675.60

BRIDGE RAIL, HEAVY DUTY STEEL BEAM, AASHTO M180, TYPE IV, (FASCIA MOUNTED WITH STEEL POSTS)

STA 2+073.250, 3.300 LT - STA 2+092.300, 3.300 LT
STA 2+069.179, 3.300 RT - STA 2+088.264, 3.300 RT

HEAVY DUTY STEEL BEAM APPROACH RAIL, AASHTO M180, TYPE IV, SCHEDULE I (WITH STEEL POSTS)

STA 2+065.759, 3.300 LT - STA 2+073.250, 3.300 LT
STA 2+092.300, 3.300 LT - STA 2+099.920, 3.300 LT
STA 2+061.344, 3.300 RT - STA 2+069.179, 3.300 RT
STA 2+088.264, 3.300 RT - STA 2+095.884, 3.300 RT

GUARDRAIL HEAVY DUTY STEEL BEAM, AASHTO M180, TYPE IV, (WITH WOOD POSTS)

STA 2+049.072, 3.300 LT - STA 2+065.759, 3.300 LT
STA 2+099.920, 3.300 LT - STA 2+164.000, 3.812 LT
STA 2+049.591, 3.300 RT - STA 2+061.344, 3.300 RT

HEAVY DUTY STEEL BEAM GUARDRAIL APPROACH END TERMINAL, AASHTO M180, TYPE IV

STA 2+049.072, 3.300 LT - STA 2+045.639, 4.800 LT
STA 2+164.000, 3.812 LT - STA 2+167.005, 5.922 LT
STA 2+045.801, 4.800 RT - STA 2+049.591, 3.300 RT
STA 2+095.884, 3.300 RT - STA 2+099.851, 4.800 RT

NOTE: CONSTRUCTION NOTE OFFSETS ARE IN METERS.

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES P/L ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE TOWN OF RIPTON'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of	RIPTON	Bridge No.	BRIDGE #17
Highway No.	TH 18	Log Sta.	
		Surv. Sta.	
TH 18 OVER SOUTH BRANCH MIDDLEBURY RIVER			
ROADWAY PLAN			
Designed By	J C WEALE	Drawn By	C L CILLEY
Checked By	Date	Bridge Design Supervisor	
	M J SERVETAS	5/98	E G WEINGARTNER Date 10/99
PROJECT	RIPTON	PROJECT NO.	FH 010-1(2)
I.G.C. Info.			
Bridge Sheet No.		R.O.W. Sheet	7 of 26

