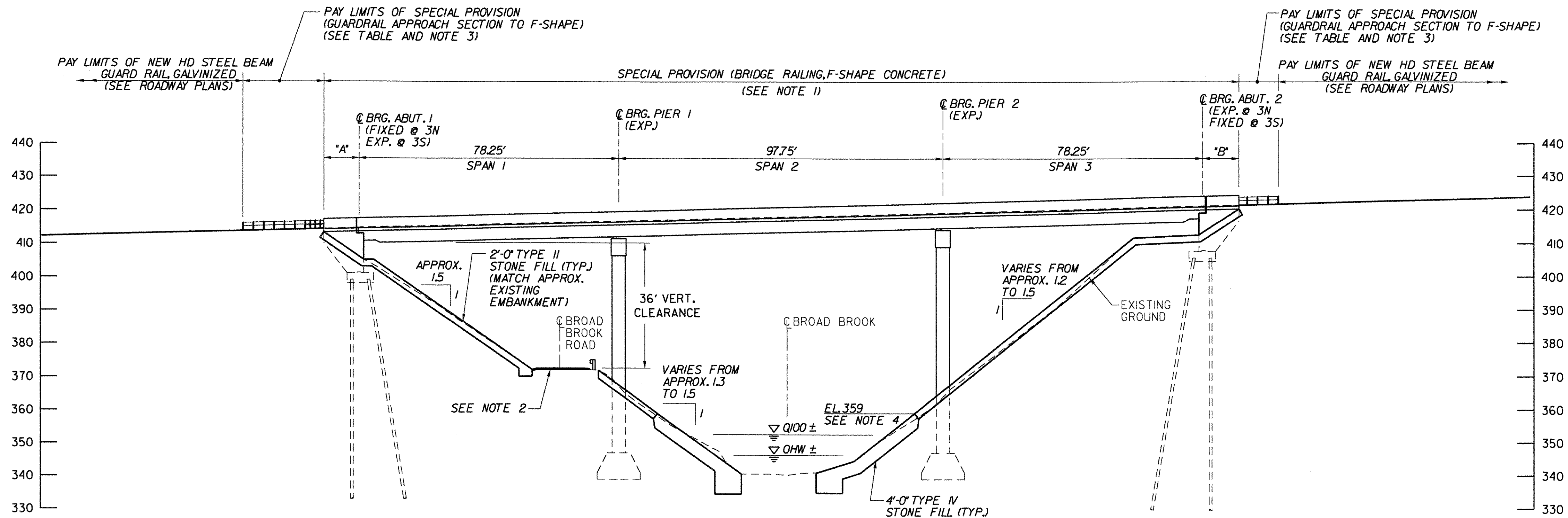




DOWNSTREAM ELEVATION

SCALE 1"= 20'
(BRIDGE 3N SHOWN,
BRIDGE 3S SIMILAR)

BARRIER CURB LAYOUT TABLE			
LOCATION	"A"	"B"	SPECIAL PROVISION (BRIDGE RAILING, F-SHAPE CONCRETE)
3N	10.63'	10.92	275.80'
3S	10.67	10.85	275.77'

APPROACH RAIL LAYOUT TABLE				
BRIDGE	LOCATION	SIDE	PAY LIMITS	PAY ITEM
3N	ABUT. 1	E	850'	621.21
			30' - 7 3/4"	900.620
		W	-	621.50
			387' - 6"	621.21
			30' - 7 3/4"	900.620
	ABUT. 2	E	37' - 6"	621.50
			662' - 6"	621.21
		W	30' - 7 3/4"	900.620
			-	621.50
			162' - 6"	621.21
3S	ABUT. 1	E	30' - 7 3/4"	900.620
			37' - 6"	621.50
		W	412' - 6"	621.21
			30' - 7 3/4"	900.620
			-	621.50
	ABUT. 2	E	387' - 6"	621.21
			30' - 7 3/4"	900.620
		W	37' - 6"	621.50
			737' - 6"	621.21
			30' - 7 3/4"	900.620

• NOTE: BRIDGE 3N DEPARTURE END WEST SIDE, REQUIRES COMPLETE ASSEMBLY DUE TO TRAFFIC CONTROL.

WORKING POINTS											
NORTH BOUND						SOUTH BOUND					
W.P.	STATION	OFFSET RT	OFFSET LT	COORDINATES Northing	COORDINATES Easting	SHEET REF.	STATION	OFFSET RT	OFFSET LT	COORDINATES Northing	COORDINATES Easting
ABUTMENT #1											
1	STA NB 22+70.97		17.75 ft	14796.9103	21920.6218	59	STA SB 22+50.63		17.75 ft	14776.7612	21845.2687
2	STA NB 22+70.97	29.75 ft		14809.1812	21966.5095		STA SB 22+50.63	17.75 ft		14785.9321	21879.5637
3	STA NB 22+70.97	CL N75°01'43.4"E		14801.4957	21937.7693		STA SB 22+50.63	CL N75°00'12.9"E		14781.3467	21862.4162
4	STA NB 22+60.35		17.75 ft	14786.6435	21923.3673		STA SB 22+39.96		17.75 ft	14766.4555	21848.0294
5	STA NB 22+60.35	29.75 ft		14798.9145	21969.2549		STA SB 22+39.96	17.75 ft		14775.6415	21882.3204
PIER #1											
1	STA NB 23+49.22		17.01 ft	14872.7224	21901.1148	65	STA SB 23+28.88		17.00 ft	14852.5899	21825.7321
2	STA NB 23+49.22	28.99 ft		14884.4955	21945.5834		STA SB 23+28.88	17.00 ft		14861.2940	21858.5991
3	STA NB 23+49.22	CL N75°01'43.4"E		14877.0758	21917.5583		STA SB 23+28.88	CL N75°00'12.9"E		14856.9420	21842.1656
PIER #2											
1	STA NB 24+46.97		17.00 ft	14967.1606	21875.8712	65	STA SB 24+26.63		17.00 ft	14947.0070	21800.4394
2	STA NB 24+46.97	29.00 ft		14978.9368	21920.3383		STA SB 24+26.63	17.00 ft		14955.7106	21833.3066
3	STA NB 24+46.97	CL N75°01'43.4"E		14971.5127	21892.3047		STA SB 24+26.63	CL N75°00'12.9"E		14951.3588	21816.8730
ABUTMENT #2											
1	STA NB 25+25.22		17.75 ft	15042.5291	21854.9404	62	STA SB 25+04.88		17.75 ft	15022.3551	21779.4785
2	STA NB 25+25.22	29.75 ft		15054.8001	21900.8280		STA SB 25+04.88	17.75 ft		15031.5260	21813.7735
3	STA NB 25+25.22	CL N75°01'43.4"E		15047.1146	21872.0879		STA SB 25+04.88	CL N75°00'12.9"E		15026.9406	21796.6260
4	STA NB 25+36.13		17.75 ft	15053.0623	21852.1370		STA SB 25+15.73		17.75 ft	15032.8334	21776.6716
5	STA NB 25+36.13	29.75 ft		15065.3332	21898.0113		STA SB 25+15.73	17.75 ft		15042.0193	21810.9625

NOTES:

- FOR DETAILS OF CONCRETE BRIDGE BARRIER CURB, SEE CONCRETE BARRIER CURB DETAILS (3N&S), BRIDGE SHEET BR10.
- FOR TYPICAL SECTION AND LIMITS OF WORK FOR BROAD BROOK ROAD, SEE ROADWAY PLANS.
- FOR DETAILS OF APPROACH GUARD RAIL, SEE APPROACH GUARD RAIL - BRIDGE SHEET BR150.
- STREAM SLOPES UP TO ELEVATION 359.0 SHALL BE STABILIZED WITH TYPE IV STONE FILL, SLOPE ABOVE THIS ELEVATION SHALL BE STABILIZED WITH TYPE II STONE FILL.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of	GUILFORD	Bridge No.	3N&S
Highway No.	I-91	Log Sta.	
I-91 OVER BROAD BROOK & BROAD BROOK ROAD			
ELEVATION (3N&S)			
Designed By	M.J. MOZER	Drawn By	G.K. MORZE
Checked By	Date	Bridge Design Supervisor	
P.W. SZUSTAK	01/03	J.P. HALSTEAD	Date 01/03
PROJECT	GUILFORD	PROJECT NO.	IM 091-I(33)
TVGA CAD Drawing No.	G BR ELEV.dgn	Date	06/06/08
Bridge Sheet No.	BR10	Sheet	36 of 114