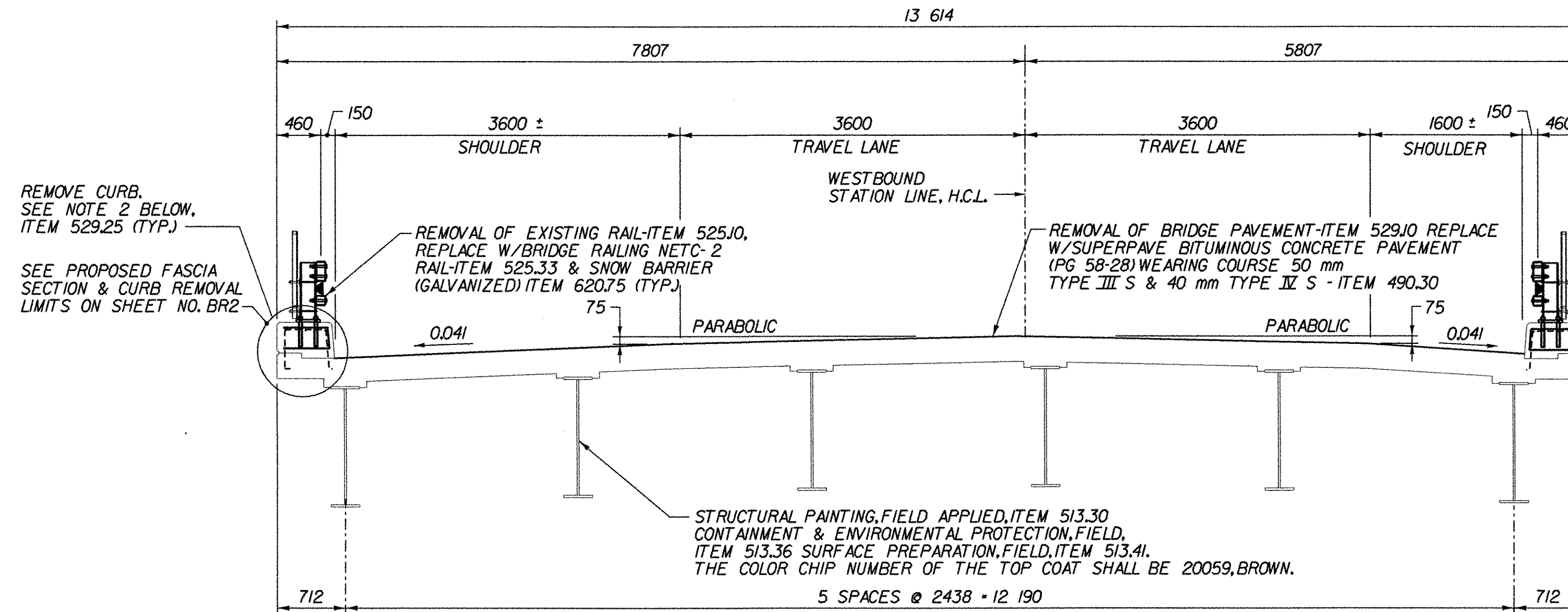
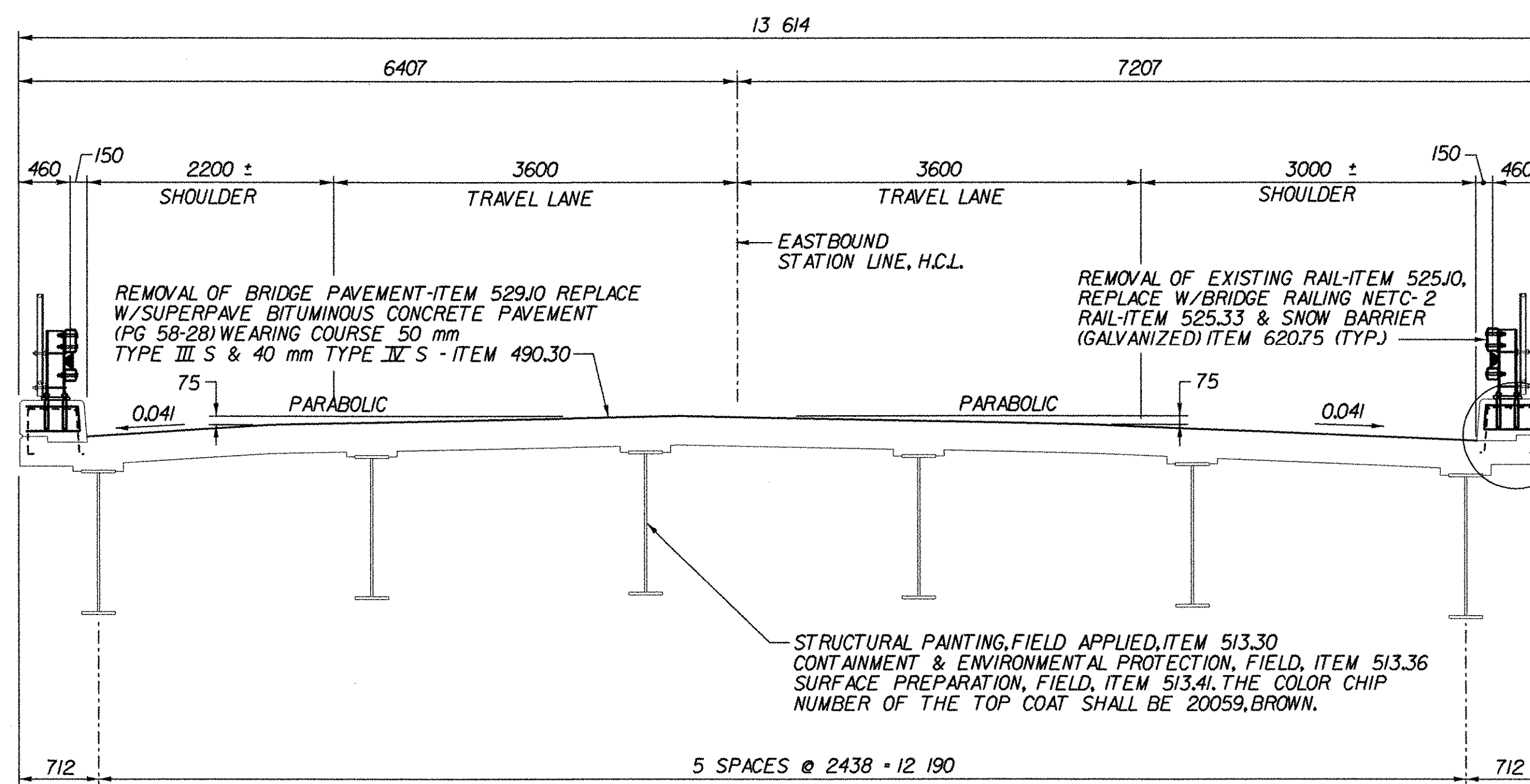
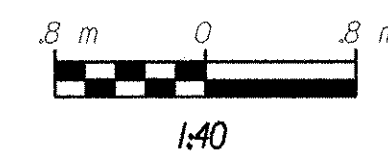


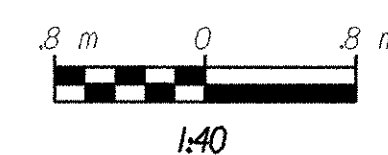
NOTE: UNLESS NOTED OTHERWISE, ALL STATIONS ARE IN KILOMETERS, ALL ELEVATIONS ARE IN METERS, AND ALL DIMENSIONS ARE IN MILLIMETERS.



TYPICAL BRIDGE SECTION (WESTBOUND)



TYPICAL BRIDGE SECTION (EASTBOUND)



RAILING ANCHORAGE NOTE:

- NEW ASTM A449-22 mm DIAMETER ANCHOR BOLTS TO BE CAST-IN-PLACE SHALL BE FURNISHED WITH TWO NUTS AND ONE WASHER. BOLTS, NUTS AND WASHERS SHALL BE FURNISHED UNDER ITEM 525.33. BRIDGE RAILING NETC - 2 RAIL.

LOADING LEVELS (LOAD FACTOR)	LOAD FACTOR LOAD RATING (METRIC TON)						
	TRUCK						
INVENTORY	M	MS	3S2	6 AXLE	3A.STR.	4A.STR.	5A.SEMI
A = 2.17, B = 1.00	19	35					
POSTED					56	54	61
A = 1.55, B = 1.80	26	49	65				
OPERATING				77	63	64	
A = 1.30, B = 1.67							

YEAR	ADT	DHV	% D	% T	ADTT
2000	5300	-	-	-	-
2020	6600	840	52%	7%	460

20 YEAR ESAL FOR FLEXIBLE PAVEMENT FROM 2000 TO 2020 : 4,825,000  
40 YEAR ESAL FOR FLEXIBLE PAVEMENT FROM 2000 TO 2040 : 17,229,000  
DESIGN SPEED: 100 km/h

NOTES:

- SEE SHEET NO. BR3 FOR ASPHALT OVERLAY REMOVAL AND REPLACEMENT NOTES FOR DECK SLAB REPAIR DETAILS.
- SEE SHEET NO. BR2 FOR CURB REMOVAL AND REPLACEMENT DETAILS.

STATE OF VERMONT  
AGENCY OF TRANSPORTATION

Town Of	BENNINGTON	Bridge No.	BR1200
Highway No.	VT. RTE. 279	Log Sta.	
		Surv. Sta.	17+853
VT. RTE. 279 OVER HISTORIC VT. ROUTE 7A			
EXISTING TRANSVERSE BRIDGE SECTIONS			
Designed By	D. STECIAK	Drawn by	K. RAPELLO/WM. WEATHERBY
Checked By	Date	Bridge Design Supervisor	
M. W. OLSTAD	02/04	M. W. OLSTAD	Date 02/04
PROJECT	BENNINGTON-HOOSICK	PROJECT NO.	D.P.I. 0146(I) C/6
I.G.C. Info.			
Bridge Sheet No.	BR1201	Sheet	76 OF 83