BRIDGE QUANTITY SUMMARY

STATION	STATION	POS.	BRIDGE NO.	OFFSET BLOCK	525.10 REMOVAL OF EXIST. RAILING	525.40 H.D.S.B. CURB MTD. (MOD 1)	525.40 H.D.S.B. CURB MTD. (MOD 2)	525.40 H.D.S.B. CURB MTD. (MOD 3)	525.41 H.D.S.B. FASCIA MTD.	525.41 H.D.S.B. FASCIA MTD. (MOD 2)	525.41 H.D.S.B. FASCIA MTD. (MOD 3)	529.25 REMOVAL OF CONC. OR MASONRY	REMARKS
4+978	5+016	LT	1	150	38		38						FOR DETAILS SEE SHEET 30
4+985	5+027	RT	1	150	40		40						FOR DETAILS SEE SHEET 30
	SUBTOTAL				78		78						
	ROUNDING				-		-						
	TOTALS				78		78						

NOTES

1. BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
2. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 7.62 METERS.
3. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 7.62 METERS FROM THE ENDS OF THE BRIDGE.
4. FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICAL TO THE MID-POINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST 1.
5. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
6. SEE STANDARD SHEET G-1M FOR DELINEATION DETAILS AND PLACEMENT.
7. ERECT DELINEATORS ON EVERY FIFTH POST OR APPORXIMATELY 9 METERS APART. PAYMENT SHALL BE SUBSIDIARY TO OTHER ITEMS IN THE CONTRACT.
8. PLUG JOINT SHALL BE INSTALLED ONLY AT BRIDGE EXPANSION JOINTS ON ANY BRIDGE GREATER THAN 9.0 METERS IN LENGTH AS DIRECTED BY THE RESIDENT ENGINEER.
9. AN ESTIMATED QUANTITY OF ITEM 501.22 CONCRETE CLASS A AND ITEM 507.15 REINFORCING STEEL HAVE BEEN ADDED TO REPAIR BRIDGE DAMAGE.

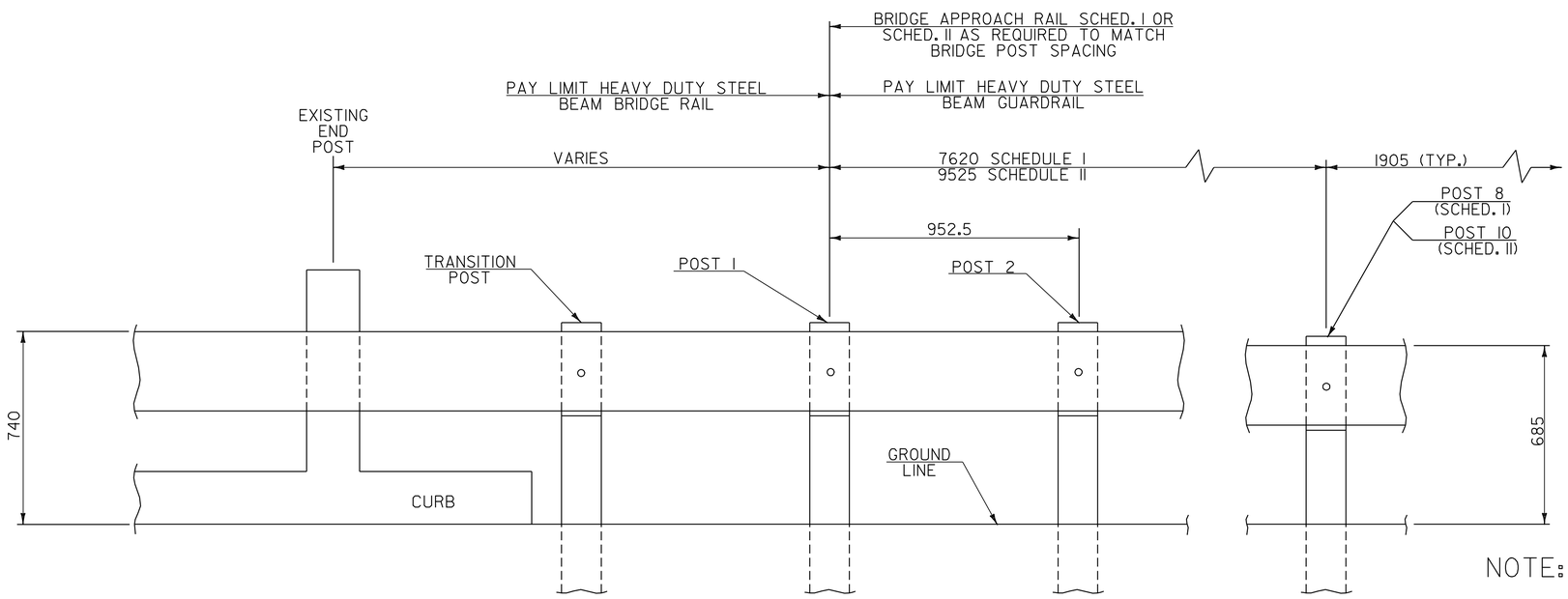
ITEM 501.22 CONCRETE CLASS A 1 M3 (EST)
ITEM 507.15 REINFORCING STEEL 100 KG (EST)

BRIDGE APPROACH RAILING

WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1, USE SCHEDULE I FOR APPROACH RAILING. WHEN A RAIL PANEL SPLICE OCCURS AT BRIDGE END POST USE SCHEDULE II FOR APPROACH RAILING.

SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	952.5	1.4 x 3810
2	952.5	
3	952.5	
4	952.5	
5	1270	1.2 x 3810
6	1270	
7	1270	
8	1905 (TYP.)	1.0 (TYP.)
9		

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	952.5	1.4 X 5715
2	952.5	
3	952.5	
4	952.5	
5	952.5	
6	952.5	
7	1270	1.2 x 3810
8	1270	
9	1270	
10	1905 (TYP.)	1.0 (TYP.)
11		



BRIDGE APPROACH RAILING

NOT TO SCALE

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED

ARCHIVED IN DPR

DATUM
VERTICAL _____
HORIZONTAL _____

BRIDGE DETAIL SHEET #2

PROJECT: CAVENDISH-WEATHERSFIELD
PROJECT NO.: STP 9661(I)S
DESIGN FILE NAME: pave/95cl34/pcl34.dgn
IPARM FILE NAME: pcl34br2.I
PLOT DATE: 27-JAN-2006
SURVEYED BY: CLD ENGINEERS INC
SURVEY DATE: 6/99
SQUAD LEADER: WRH
DRAWN BY: NLL
SHEET: 31 OF 32