

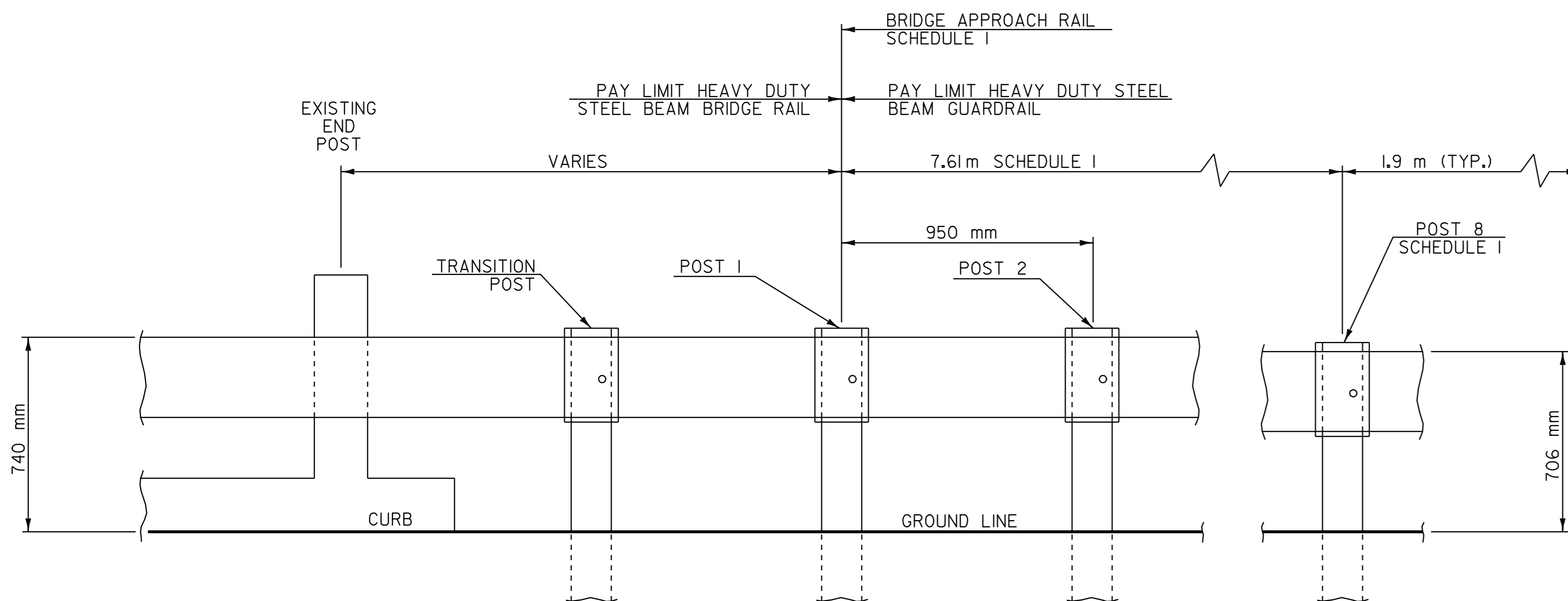
BRIDGE QUANTITY SHEET



STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10	525.41 (MOD.1)	525.41 (MOD.2)	REMARKS
MT. HOLLY:							
9+714.8 - 9+735.7	RT	42	200 mm	20.9		20.9	
9+714.8 - 9+735.7	LT	42	200 mm	20.9	20.9		
ROUNDING				2.2	1.1	1.1	
TOTAL				44.0	22.0	22.0	

NOTES

- BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
- BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 7.61m.
- APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 7.61m FROM THE ENDS OF THE BRIDGE UNLESS OTHERWISE INDICATED IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.
- FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICABLE TO THE MIDPOINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST 1.
- SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
- SEE STANDARD SHEET G-IM FOR DELINEATION DETAILS AND PLACEMENT.
- ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 9 m APART. PAYMENT SHALL BE SUBSIDIARY TO OTHER ITEMS.
- ALL HEAVY DUTY STEEL BEAM BRIDGE RAIL AND RELATED HARDWARE SHALL BE PAID FOR UNDER THE ITEM 525.41 BRIDGE RAILING - HD STEEL BEAM/FASCIA MOUNTED (MOD. 1) OR (MOD. 2) AS DENOTED IN THE PLANS.
- ALL STEEL POSTS, PLATES, OFFSET BLOCKS AND FIXTURES SHALL BE AASHTO M 270/M 270M EXCEPT AS OTHERWISE NOTED, AND SHALL BE GALVANIZED AFTER FABRICATION TO CONFORM TO AASHTO M III.



BRIDGE APPROACH RAILING

NOT TO SCALE

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 THE BRIDGE END POST USE SCHEDULE II FOR APPROACH RAILING.

SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	950 mm	1.4 x 3.8 m
2	950 mm	
3	950 mm	
4	950 mm	
5	950 mm	1.2 x 3.8 m
6	1.27 m	
7	1.27 m	
8	1.27 m	1.0 (TYP.)
9	1.9 m (TYP.)	
10	1.9 m (TYP.)	

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	950 mm	1.4 x 5.7 m
2	950 mm	
3	950 mm	
4	950 mm	
5	950 mm	
6	950 mm	1.2 x 3.8 m
7	1.27 m	
8	1.27 m	
9	1.27 m	1.0 (TYP.)
10	1.9 m	
11	1.9 m (TYP.)	

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

BRIDGE DETAIL SHEET #1

SURVEYED BY <u>N/A</u>	DATE <u>N/A</u>
DRAWN BY <u>C.A.K.</u>	DATE _____
SQUAD LEADER <u>T.P.K.</u>	
DESIGN FILE NO. <u>zpaave/01b024/pb024.dgn</u>	
IPARM FILE <u>pb024bd.l</u>	DATE PLOTTED <u>\$DATE\$</u>
PROJ. NAME <u>LUDLOW - MI. HOLLY</u>	
PROJ. NO. <u>NH_2327(1)S</u>	
SHEET <u>76</u> OF <u>84</u> SHEETS _____	