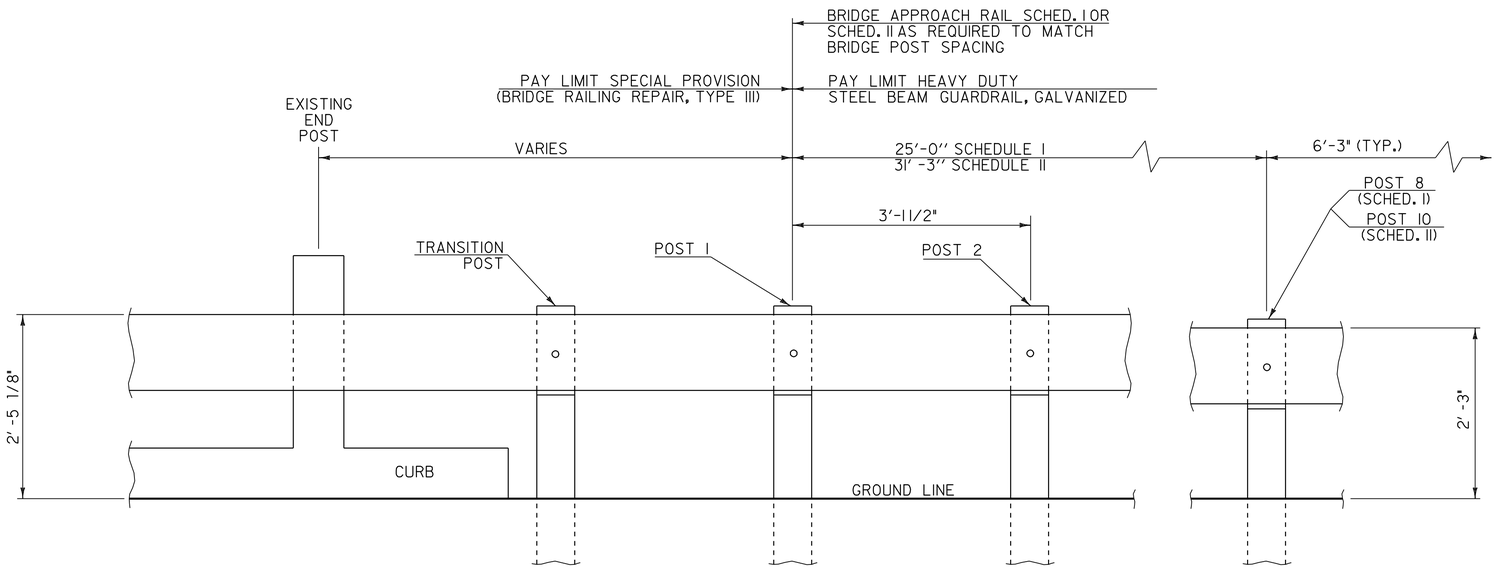
BRIDGE QUANTITY SHEET

STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	501.32	525.10	529.25	900.640 TYPE III					REMARKS
LUDLOW												
49+75 TO 50+00	LT	23	8"	0.35	11.0	0.35	25.0					FOR DETAILS SEE BRIDGE DETAIL SHEET 2
49+76 TO 50+01	RT	23	8"	0.35	11.0	0.35	25.0					FOR DETAILS SEE BRIDGE DETAIL SHEET 2
SUBTOTALS				0.70	22.0	0.70	50.0					
ROUNDINGS				0.30	3.0	0.30	5.0					
TOTALS				1.00	25.0	1.00	55.0					

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 25 FEET.
3. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 25 FEET FROM THE ENDS OF THE BRIDGE.
4. FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK & 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. ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 30 FEET APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
7. PLUG JOINT SHALL BE INSTALLED ONLY AT BRIDGE EXPANSION JOINTS ON ANY BRIDGE GREATER THEN 30 FT. IN LENGTH AS DIRECTED BY THE RESIDENT ENGINEER.
8. ITEM 501.32, CONCRETE, HIGH PERFORMANCE CLASS AA IS INCLUDED FOR REPAIR OF BR. #23.



BRIDGE APPROACH RAILING

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		
2	3'-1.5"	
3	3'-1.5"	
4	3'-1.5"	1.4 x 12'-6"
5	3'-1.5"	
6	4'-2"	
7	4'-2"	1.2 x 12'-6"
8	4'-2"	
9	6'-3" (TYP.)	1.0 (TYP.)

SCHEDULE II

POST NO.	SPACING	PAYMENT FACTOR
1		
2	3'-1.5"	
3	3'-1.5"	
4	3'-1.5"	
5	3'-1.5"	1.4 X 18'-9"
6	3'-1.5"	
7	3'-1.5"	
8	4'-2"	
9	4'-2"	1.2 x 12'-6"
10	4'-2"	
11	6'-3" (TYP.)	1.0 (TYP.)

DATUM
VERTICAL N/A
HORIZONTAL N/A

BRIDGE DETAIL SHEET 1

SURVEYED BY CLD DATE 1/05
DRAWN BY NLL DATE 5/05
SQUAD LEADER CRB
DESIGN FILE NO. /pave/01b038/pb038.dgn
IPARM FILE pb038bd01.i DATE PLOTTED 06OCT-2009 17
PROJ. NAME CHESTER - LUDLOW
PROJ. NO. NH 2326(1)S
SHEET 107 OF 110 SHEETS