# BRIDGE QUANTITY SHEET

| STATION | POS. | BRIDGE NO. | OFFSET BLOCK | 525.10 | 525.40 MOD 1 | 525.40 MOD 3 | 525.41 MOD 3 | | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MM | M | M | M | M | | | | | | |
| STA 0+688 TO 0+694 | LT | 76 | 200 | 5.7 | | | 5.7 | | | | | | |
| STA 0+686 TO 0+692 | RT | 76 | 200 | 5.7 | | | 5.7 | | | | | | |
| STA 10+360 TO 10+369 | RT | 80 | 200 | 9.5 | 9.5 | | | | | | | | |
| STA 10+360 TO 10+369 | LT | 80 | 200 | 9.5 | | 9.5 | | | | | | | |
| PROJECT SUB-TOTALS | | | | 30.4 | 9.5 | 9.5 | 11.4 | | | | | | |
| ROUNDING | | | | 0.6 | 0.5 | 0.5 | 0.6 | | | | | | |
| PROJECT TOTALS | | | | 31.0 | 10.0 | 10.0 | 12.0 | | | | | | |

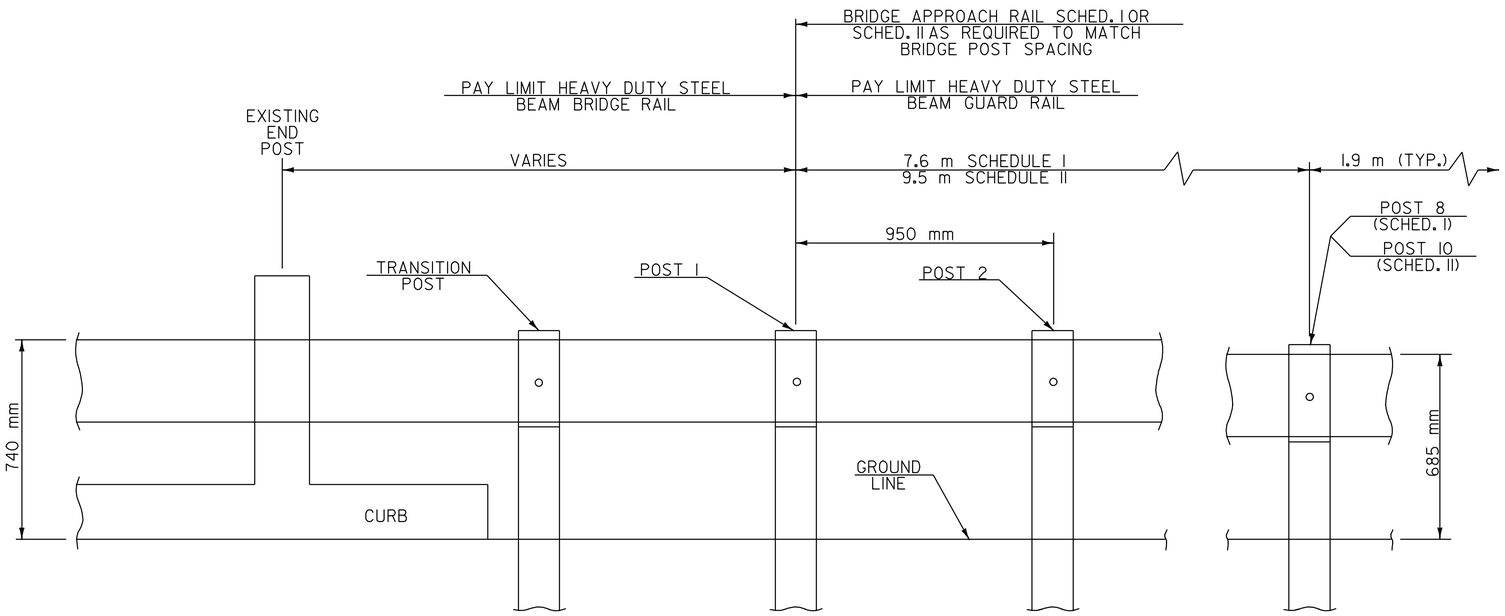
## NOTES

1. BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
2. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 7.6 METERS.
3. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 7.6 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.

ITEM 501.22 CONCRETE CLASS A 2 CM (EST)

ITEM 507.15 REINFORCING STEEL 200 KG (EST)

AN ESTIMATED QUANTITY OF ITEM 501.22, CONCRETE CLASS A, AND ITEM 507.15, REINFORCING STEEL, HAS BEEN ADDED TO REPAIR DAMAGED BRIDGE POSTS/DECK @ POST ANCHOR BOLTS IF NECCESARY. REMOVAL OF EXISTING DAMAGED BRIDGE POSTS/DECK WILL BE AS DIRECTED BY THE ENGINEER AND WILL BE PAID FOR AS REMOVAL OF CONCRETE OR MASONRY, ITEM 529.25.




## 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 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 | 1270 mm | 1.2 x 3.8 m |
| 6 | 1270 mm | |
| 7 | 1270 mm | |
| 8 | 1.9 m (TYP.) | 1.0 (TYP.) |
| 9 | | |

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 | |
| 7 | 1270 mm | 1.2 x 3.8 m |
| 8 | 1270 mm | |
| 9 | 1270 mm | |
| 10 | 1.9 m (TYP.) | 1.0 (TYP.) |
| 11 | | |

**BRIDGE DETAIL SHEET #1**

DESIGNED BY BCE/PJM DATE 7-02

DRAWN BY C.E.A., INC. DATE 7-02

DESIGN FILE NO. /pave/98b090/pb090.dgn

PRF FILE pb090b01.1 DATE PLOTTED 09-MAY-2008

PROJ. NAME: **MARSHFIELD - CABOT**

PROJ. NO.: **NH 2104(1)S**

SHEET **52** OF **60** SHEETS