BRIDGE QUANTITY SHEET

STATION	POS.	BRIDGE NO.	OFFSET BLOCK	525.10	525.41 MOD 3								REMARKS
			IN	FT	FT								
BRIGHTON													
STA 4+55 TO 5+05	LT	12	8	50	50								
STA 4+76 TO 5+26	RT	12	8	50	50								
SUBTOTAL				100	100								
ROUNDING				--	--								
TOTALS				100	100								

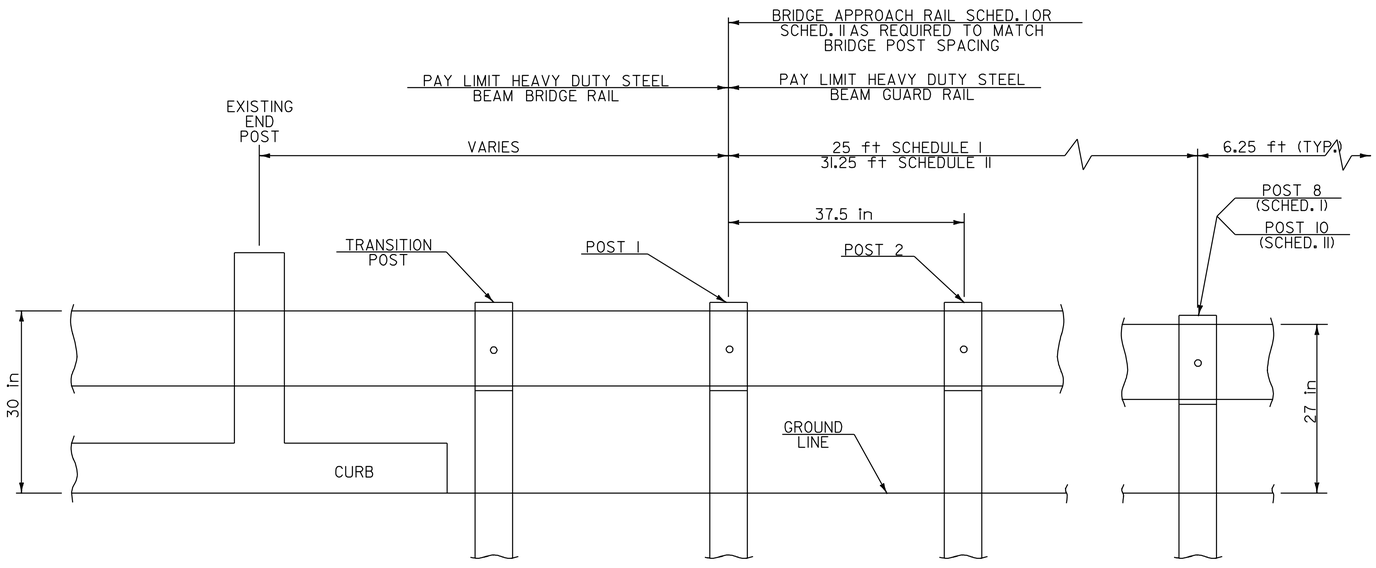
NOTES

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 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 1CY (EST)

ITEM 507.15 REINFORCING STEEL 200 LBS (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 RESIDENT 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 1 FOR APPROACH RAILING WHEN A RAIL PANEL SPLICE OCCURS AT BRIDGE END POST USE SCHEDULE 2 FOR APPROACH RAILING.

SCHEDULE 1		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1½"	1.4 x 12.5 ft
2	3'-1½"	
3	3'-1½"	
4	3'-1½"	
5	4'-2"	1.2 x 12.5 ft
6	4'-2"	
7	4'-2"	
8	6'-3" (TYP.)	1.0 (TYP.)
9		

SCHEDULE 2		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1½"	1.4 X 18.75 ft
2	3'-1½"	
3	3'-1½"	
4	3'-1½"	
5	3'-1½"	
6	3'-1½"	
7	4'-2"	1.2 x 12.5 ft
8	4'-2"	
9	4'-2"	
10	6'-3" (TYP.)	1.0 (TYP.)
11		

BRIDGE DETAIL SHEET #1

DESIGNED BY BCE/PJM DATE 8-05

DRAWN BY C.E.A., INC. DATE 8-05

DESIGN FILE NO. /pave/04c036/p04c036.dgn

PRF FILE p04c036br1.1 DATE PLOTTED 11-JUN-2007 14:52

PROJ. NAME **MORGAN - BRIGHTON**

PROJ. NO. **STP 2404(1)S**

SHEET **24** OF **26** SHEETS