BRIDGE QUANTITY SHEET

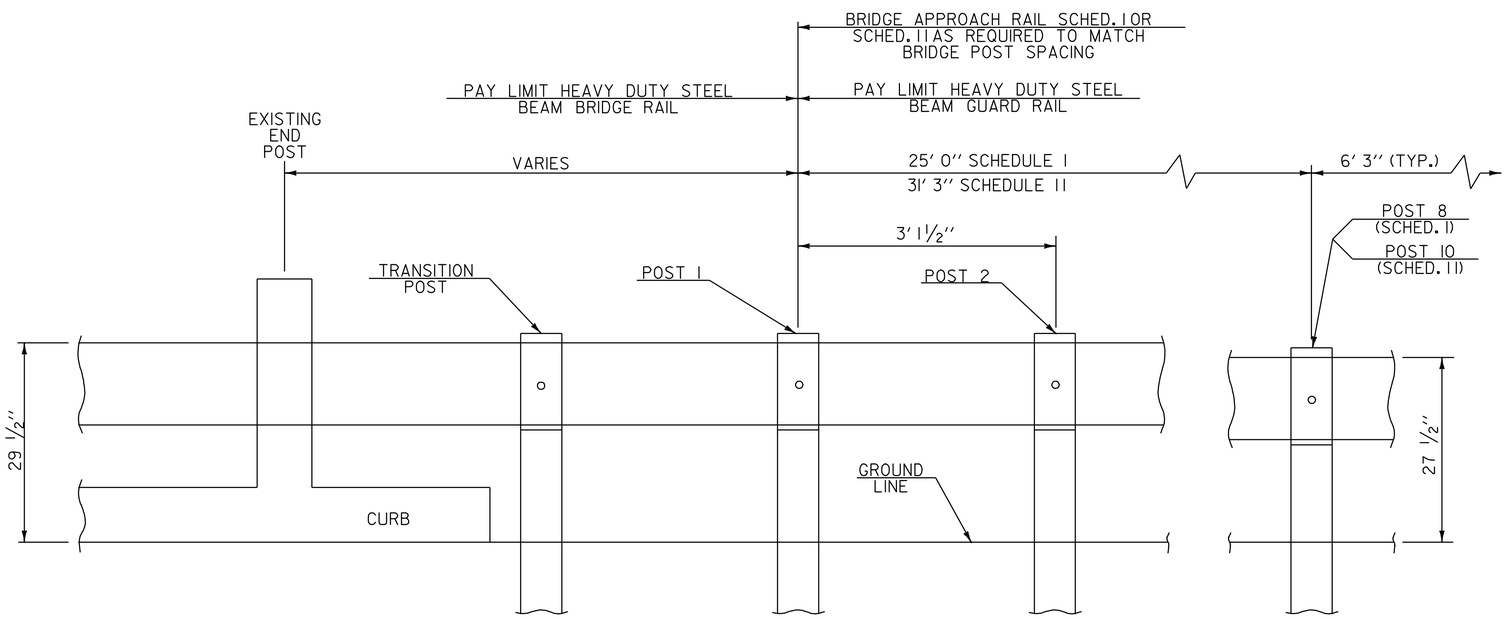
STATION	POS.	BRIDGE NO.		525.41 MOD 1		525.10							REMARKS
				FT		FT							
MORGAN													
STA 159+50 TO 159+69	LT	5		18' 9''		18' 9''							
STA 159+59 TO 159+78	RT	5		18' 9''		18' 9''							
STA 250+87 TO 251+37	LT	8		50' 0''		50' 0''							
STA 250+96 TO 251+33.5	RT	8		37' 6''		37' 6''							
SUBTOTAL				125' 0''		125' 0''							
ROUNDING				5' 0''		5' 0''							
TOTALS				130' 0''		130' 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 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	1 CY (EST)
ITEM 507.15	REINFORCING STEEL	200 LB (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 1 FOR APPROACH RAILING WHEN A RAIL PANEL SPLICE OCCURS AT BRIDGE END POST USE SCHEDULE 11 FOR APPROACH RAILING.

SCHEDULE 1

POST NO.	SPACING	PAYMENT FACTOR
1	3' 1 1/2''	1.4 x 12' 6''
2	3' 1 1/2''	
3	3' 1 1/2''	
4	3' 1 1/2''	
5	4' 2''	1.2 x 12' 6''
6	4' 2''	
7	4' 2''	
8	6' 3'' (TYP.)	1.0 (TYP.)
9		

SCHEDULE 11

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

BRIDGE DETAIL SHEET #1

DESIGNED BY LFW DATE 6/04
DRAWN BY LFW DATE 6/04
DESIGN FILE NO. pave/99cl92/99cl92.dgn
PRF FILE 99cl92brl.1 DATE PLOTTED 12-MAR-2007 11:3
PROJ. NAME **MORGAN**
PROJ. NO. **AC STP 2220(1)S**
SHEET **58** OF **61** SHEETS