

## BRIDGE QUANTITY SHEET

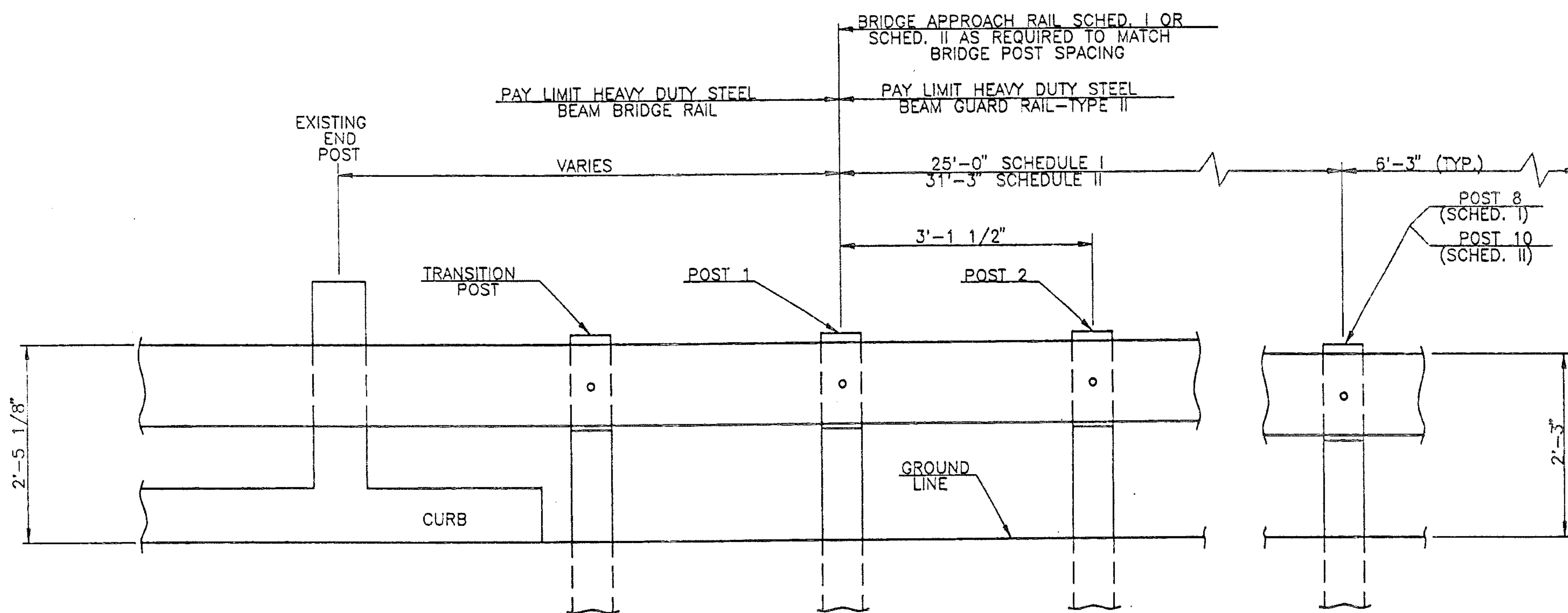
MILEMARKER	POS.	BRIDGE NO.	OFFSET BLOCK	525.41 MOD 1	525.40 MOD 2	621.20	621.21	621.50	621.60	525.10	621.81	REMARKS
2.293 - 2.317	LT.	16	W6x20	25		50	65		2	120		INSTALL A 16'R END TERMINAL AT MM 2.293 (NORTH OF EXISTING DRIVE), 50 LF OF NEW STEEL BEAM GUARDRAIL WITH STEEL POSTS, 25 LF OF H.D. STEEL BEAM GUARDRAIL, 25 LF OF NEW BRIDGE RAIL, HEAVY DUTY STEEL BEAM FASCIA MOUNTED (MOD. 1), AND A 16'R END TERMINAL AT TH 2. REMOVE EXISTING STEEL BEAM GUARDRAIL.
2.293 - 2.327	RT.	16	W6x20	25		50	65	2		155		INSTALL A BCT AT MM 2.293 RT., 25 LF OF NEW STEEL BEAM GUARDRAIL WITH STEEL POSTS, 25 LF OF NEW H.D. STEEL BEAM GUARDRAIL, 25 LF OF NEW BRIDGE RAIL, HEAVY DUTY STEEL BEAM FASCIA MOUNTED (MOD. 1), 25 LF OF NEW H.D. STEEL BEAM GUARDRAIL, 25 LF OF NEW STEEL BEAM GUARDRAIL WITH STEEL POSTS AND A BCT AT MM 2.327 RT.. REMOVE EXIST. STEEL BEAM GUARDRAIL.
2.942 - 2.963	LT.	17	W6x20	37.5			65	1	1	77		INSTALL 25 LF OF HEAVY DUTY STEEL BEAM GUARDRAIL BEGINNING AT MM 2.942 LT., 37.5 LF OF NEW BRIDGE RAIL, HEAVY DUTY STEEL BEAM FASCIA MOUNTED (MOD. 1), 25 LF OF HEAVY DUTY STEEL BEAM GUARDRAIL AND A BCT AT MM 2.963 LT.. REMOVE EXISTING STEEL BEAM GUARDRAIL.
2.937 - 2.963	RT.	17	W6x20	37.5		50	65	2		88		INSTALL A BCT AT MM 2.937 RT., 25 LF OF STEEL BEAM RAIL, 25' H.D. RAIL, 37.5 LF OF NEW BRIDGE RAIL, HEAVY DUTY STEEL BEAM FASCIA MOUNTED (MOD. 1), 25 LF OF H.D. RAIL, 25 LF OF STEEL BEAM RAIL AND A BCT AT MM 2.963, RT.. REMOVE EXISTING STEEL BEAM GUARDRAIL.
SHEET 12 TOTAL				125		150	260	5	3	440		

## 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. 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.
4. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
5. SEE STANDARD SHEET G-1 FOR DELINEATOR DETAILS AND PLACEMENT.
6. ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 30 FEET APART. PAYMENT SHALL BE SUBSIDIARY TO THE APPROPRIATE RAIL ITEM.

## 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.



BRIDGE APPROACH RAILING

SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-11 1/2"	1.4 x 12'-6"
2	3'-11 1/2"	
3	3'-11 1/2"	
4	3'-11 1/2"	
5	3'-11 1/2"	
6	4'-2"	1.2 x 12'-6"
7	4'-2"	
8	4'-2"	
9	6'-3" (TYP.)	1.0 (TYP.)

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

BRIDGE DETAIL  
SHEET #1

SURVEYED BY	N/A	DATE N/A
DRAWN BY	JC	DATE 03/93
SQUAD LEADER		
DESIGN FILE NO.		
FORM FILE	DATE PLOTTED	
PROJ. NAME	SHEFFIELD-GLOVER	
PROJ. NO.	STP 9419(1)S	
SHEET 12 OF	SHEETS	

HTA FILE: SHFBRDTL