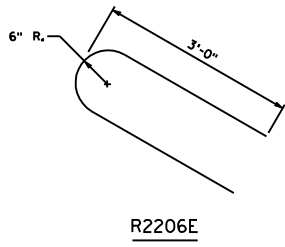
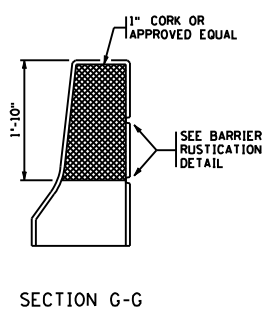
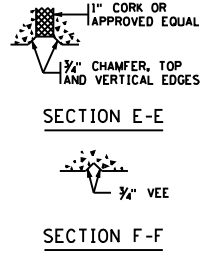
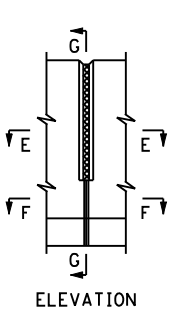
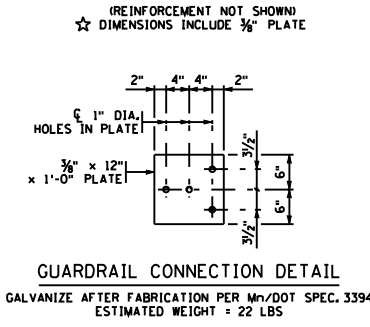
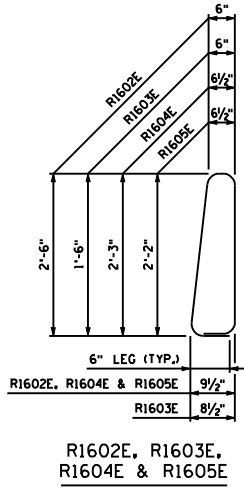
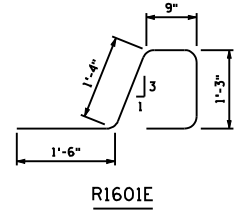
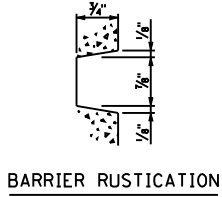
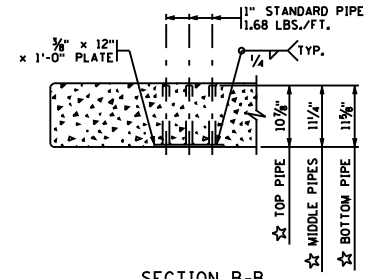


DESIGNER NOTE
 REMOVE PRIOR TO PLOTTING FINAL PLAN!
 VERIFY BAR R1601E HAS 10" MIN. PROJECTION WHEN CROSS SLOPE VARIES FROM NORMAL 0.02 FT/FT

BARRIER MEETS TEST LEVEL 4 REQUIREMENTS OF NCHRP REPORT 350

BILL OF REINFORCEMENT FOR BARRIER				
BAR	NO.	LENGTH	SHAPE	LOCATION
R1601E	--	5'-5"		BARRIER DOWEL
R1602E	--	6'-7"		BARRIER VERTICAL
R1603E	--	4'-7"		BARRIER VERTICAL
R1604E	--	6'-1"		BARRIER VERTICAL
R1605E	--	5'-11"		BARRIER VERTICAL
R2206E	--	6'-6"		BARRIER VERTICAL
R1307E	--	--		BARRIER LONGIT.
R1308E	--	--		BARRIER LONGIT.
R1309E	--	--		BARRIER LONGIT.
R1301E	--	--		BARRIER LONGIT.
R1302E	--	--		BARRIER LONGIT.
R1303E	--	--		BARRIER LONGIT.
R1304E	--	--		BARRIER LONGIT.
R1305E	--	--		BARRIER LONGIT.
R1306E	--	--		BARRIER LONGIT.



GENERAL NOTES

LENGTH OF "TYPE F (TL-4) RAILING CONCRETE (3Y46 OR 3Y46A)" FOR PAYMENT SHALL BE MEASURED BETWEEN THE OUTSIDE FACES OF THE CONCRETE BARRIER.

CONCRETE BARRIER = 477 LBS./FT. (0.117 CU. YDS./FT.)

FINISH ALL EDGES OF BARRIER WITH 1/2" VEE, EXCEPT WHERE OTHERWISE NOTED.

MAXIMUM SPACING OF CONCRETE DEFLECTION JOINTS SHALL BE 20 FT.

SEE SUPERSTRUCTURE SHEET FOR JOINT SPACING.

GUARDRAIL CONNECTION TO BE STRUCTURAL STEEL, Mn/DOT SPEC. 3306.

GUARDRAIL CONNECTION, CORK, AND NAME PLATE TO BE CONSIDERED INCIDENTAL TO "TYPE F (TL-4) RAILING CONCRETE (3Y46 OR 3Y46A)".

BARRIER QUANTITIES ARE LISTED IN SUMMARY OF QUANTITIES FOR SUPERSTRUCTURE.

① PLACE BAR ON TOP OF BOTTOM REINFORCEMENT MAT.

REVISED: 05-26-2006
 APPROVED: DECEMBER 18, 2003
 STATE BRIDGE ENGINEER

DEFLECTION JOINT DETAILS

CERTIFIED BY _____ DATE _____
 LICENSED PROFESSIONAL ENGINEER
 NAME: _____ LIC. NO. _____

CONCRETE BARRIER (TYPE F, TL-4)
 WITH INTEGRAL END POST
 (WITH CONCRETE WEARING COURSE)

APPROVED: _____
 SHEET NO. ____ OF ____ SHEETS
 BRIDGE NO. _____

FIG. 5-397.117