

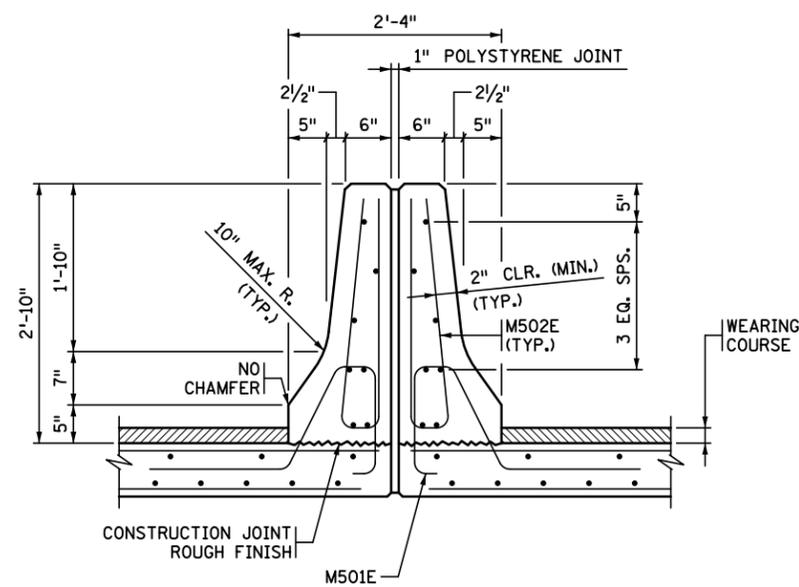
**RELIEF JOINT**

**EXPANSION JOINT**

**DEFLECTION JOINT**

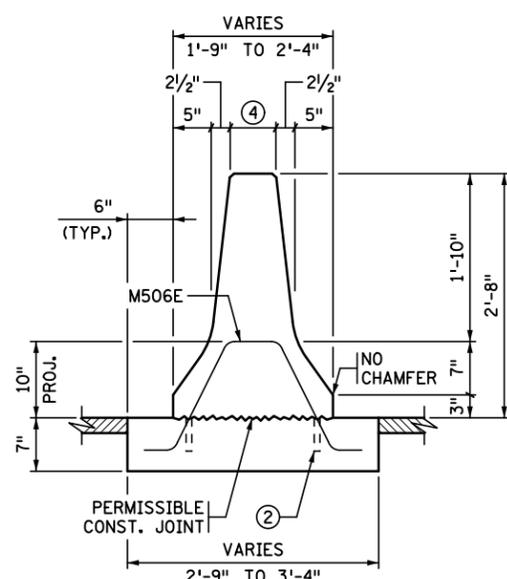
**EXPANSION DEVICE NOT SHOWN INSIDE ELEVATION OF BARRIER**

WEARING COURSE NOT SHOWN



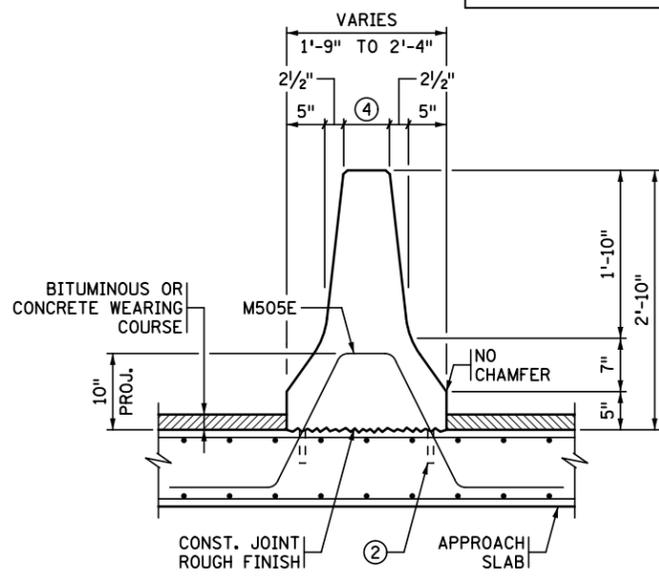
**SECTION A-A**

**RAIL MEETS TEST LEVEL 4 REQUIREMENTS OF NCHRP REPORT 350.**



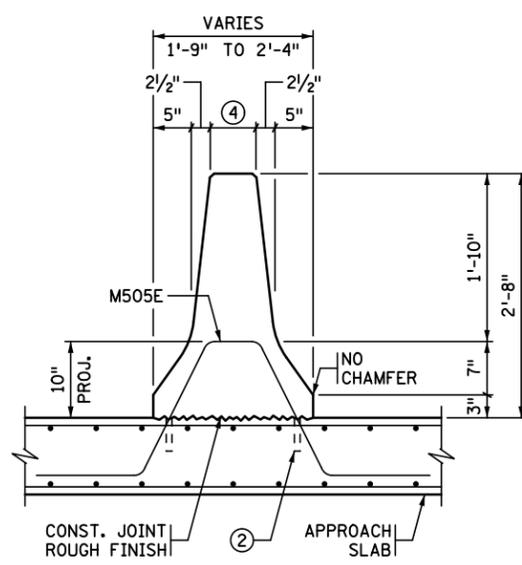
**SECTION B-B**

BITUMINOUS ADJ. SHOULDERS



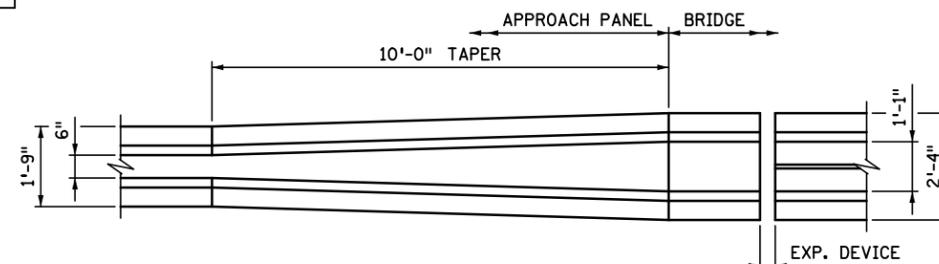
**SECTION B-B**

WEARING COURSE ON APPROACH ROADWAY

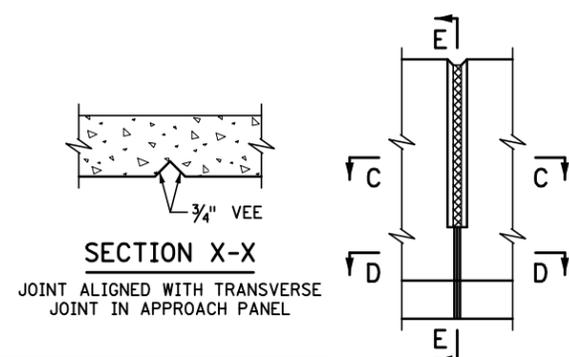


**SECTION B-B**

CONCRETE APPROACH ROADWAY

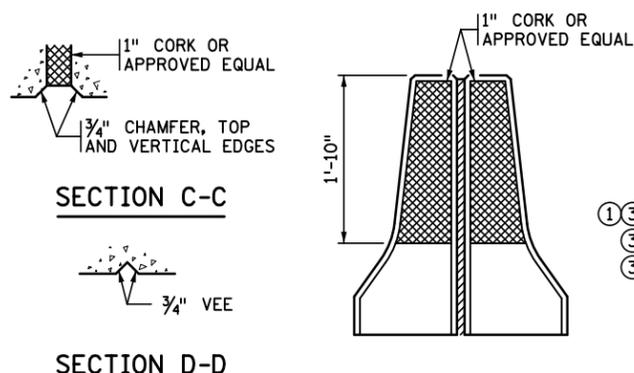


**PLAN VIEW OF APPROACH BARRIER**



**SECTION X-X**

JOINT ALIGNED WITH TRANSVERSE JOINT IN APPROACH PANEL



**SECTION C-C**

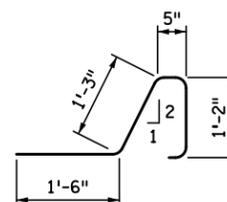
**SECTION D-D**

**ELEVATION**

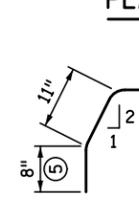
**SECTION E-E**

**DEFLECTION JOINT DETAILS**

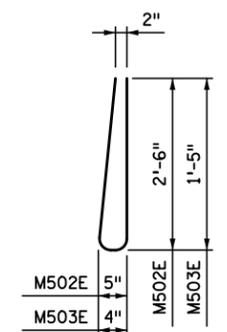
BILL OF REINFORCEMENT FOR BARRIER				
BAR NO.	LENGTH	SHAPE	LOCATION	
M501E	4'-7"		BARRIER DOWEL	
M502E	5'-5"		BARRIER VERTICAL	
M503E	3'-2"		BARRIER VERTICAL	
M504E	2'-2"		BARRIER DOWEL	
M505E	6'-2"		BARRIER DOWEL	
M506E	3'-9"		BARRIER DOWEL	
M507E			BARRIER LONGITUDINAL	
M508E			BARRIER LONGITUDINAL	



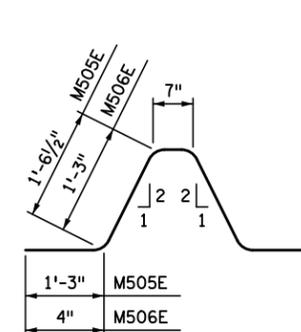
**M501E**



**M504E**



**M502E & M503E**



**M505E & M506E**

**GENERAL NOTES**

CONCRETE BARRIER SHALL BE CONC. MIX 3Y46 OR 3Y46A. CONCRETE BARRIER = 634 LBS./FT. (0.157 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.

BARRIER QUANTITIES ARE INCLUDED IN SUMMARY OF QUANTITIES FOR SUPERSTRUCTURE.

① USE 2-M504E AS AN ALTERNATE FOR M505E OR M506E.

② DRILLED HOLE FOR GROUTED ALTERNATE M504E.

③ INCLUDED IF APPROACH PANEL IS PART OF BRIDGE PLAN.

④ VARIES FROM 6" AT THE START OF TAPER TO 1'-1" AT THE END OF THE BRIDGE.

⑤ BASED ON 10" SLAB.

REVISED: 04-17-2013

APPROVED: OCTOBER 29, 2004

*Samuel D. Johnson*  
STATE BRIDGE ENGINEER

CERTIFIED BY \_\_\_\_\_ DATE \_\_\_\_\_  
LICENSED PROFESSIONAL ENGINEER  
NAME: \_\_\_\_\_ LIC. NO. \_\_\_\_\_

TITLE: **SPLIT MEDIAN BARRIER**  
TYPE F  
(WITH WEARING COURSE)

DES: \_\_\_\_\_ DR: \_\_\_\_\_  
CHK: \_\_\_\_\_ CHK: \_\_\_\_\_  
SHEET NO. OF SHEETS

**FIG. 5-397.131**

APPROVED: \_\_\_\_\_  
BRIDGE NO. \_\_\_\_\_