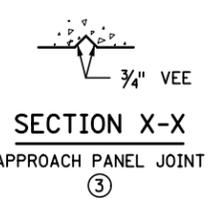
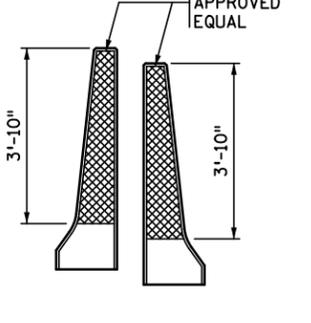
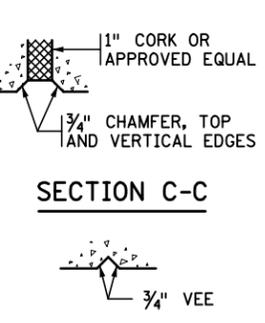
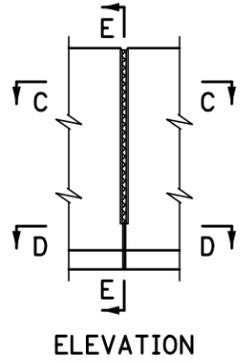


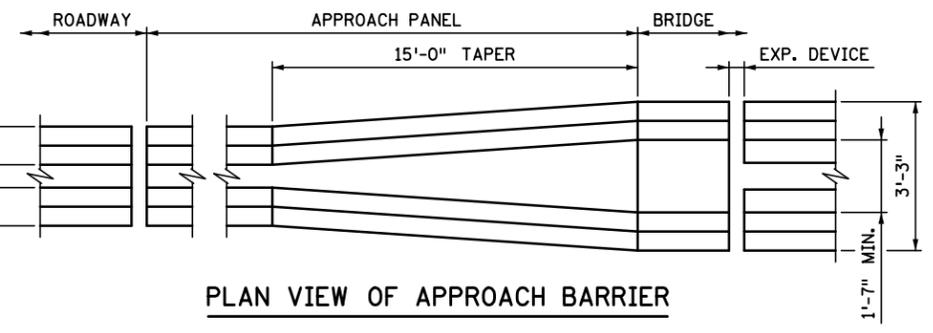
**EXPANSION JOINT**  
EXPANSION DEVICE NOT SHOWN

**INSIDE ELEVATION OF BARRIER**  
WEARING COURSE NOT SHOWN

RAIL MEETS TEST LEVEL 4 REQUIREMENTS OF NCHRP REPORT 350.



**DEFLECTION JOINT DETAILS**



**PLAN VIEW OF APPROACH BARRIER**

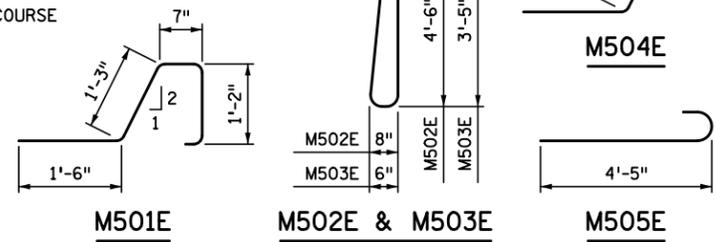
**GENERAL NOTES**

CONCRETE BARRIER SHALL BE CONC. MIX 3Y46 OR 3Y46A.  
 CONCRETE BARRIER:  
 SECTION A-A, BRIDGE BARRIER  
 1179 LBS./FT. (0.291 CU. YDS./FT.)  
 SECTION B-B, 15 FT. TAPER ON APPROACH PANEL  
 VARIES  
 SECTION B-B, APPROACH BARRIER BETWEEN ROADWAY AND TAPER  
 VARIES

- 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 5" MINIMUM.
- ② VARIES FROM 6" AT END OF APPROACH PANEL AND TAPER TO 1'-7" AT END OF BRIDGE. SEE PLAN VIEW OF APPROACH BARRIER.
- ③ JOINT TO BE ADJACENT TO TRANSVERSE SLAB JOINTS IN APPROACH PANEL WHEN REQUIRED.
- ④ ONLY ONE M308E IS PLACED AT TOP WHEN DIMENSION IS 8" OR LESS.

| BILL OF REINFORCEMENT FOR BARRIER |     |        |       |                      |
|-----------------------------------|-----|--------|-------|----------------------|
| BAR                               | NO. | LENGTH | SHAPE | LOCATION             |
| M501E                             |     | 4'-11" |       | BARRIER DOWEL        |
| M502E                             |     | 9'-8"  |       | BARRIER VERTICAL     |
| M503E                             |     | 7'-4"  |       | BARRIER VERTICAL     |
| M504E                             |     | 4'-1"  |       | BARRIER DOWEL        |
| M505E                             |     | 5'-0"  |       | BARRIER VERTICAL     |
| M406E                             |     | 1' "   |       | BARRIER LONGITUDINAL |
| M407E                             |     | 1' "   |       | BARRIER LONGITUDINAL |
| M308E                             |     | 1' "   |       | BARRIER LONGITUDINAL |

REVISED: 04-17-2013  
 APPROVED: APRIL 22, 2004  
  
 STATE BRIDGE ENGINEER



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

TITLE: **OFFSET SPLIT MEDIAN BARRIER AND GLARE SCREEN TYPE F (WITH CONCRETE WEARING COURSE)**

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

FIG. 5-397.137  
 APPROVED: \_\_\_\_\_  
 BRIDGE NO. \_\_\_\_\_