**Figure 5-397.124**  
Concrete Barrier (Type F, TL-5) With Integral End Post (w/o Conc. Wearing Course)


**Revised 05-26-2006**

Changed all instances of RAIL and RAILING to BARRIER.

At SECTION C-C: called out 2 1/4" CLR. from back face of barrier to R1602E.

AT R1601E bar bend:
- Changed 1'-7" dimension to 1'-6"
- Changed 2:1 slope to 3:1

At BILL OF REINFORCEMENT table: changed R1601E dimension of 5'-8" to 5'-7"

Under GENERAL NOTES:
- Changed LENGTH OF “TYPE F, TL-5 BARRIER CONCRETE …” to LENGTH OF “TYPE F (TL-5) RAILING CONCRETE …”
- Changed GUARDRAIL CONNECTION AND NAME PLATE TO BE CONSIDERED INCIDENTAL TO “TYPE F, TL-5 BARRIER CONCRETE …” to GUARDRAIL CONNECTION AND NAME PLATE TO BE CONSIDERED INCIDENTAL TO “TYPE F (TL-5) RAILING CONCRETE …”
- Changed BARRIER QUANTITIES ARE INCLUDED IN SUMMARY … to BARRIER QUANTITIES ARE LISTED IN SUMMARY …

**Approved, and signed, July 25, 2005**

Changed title to Concrete Barrier (Type F, TL-5) With Integral End Post (W/O Conc. Wearing Course) from Concrete Railing (Type F-SW) With Bridge Slab Sidewalk and Integral End Post (Without Concrete Wearing Course)

Added the following information: RAIL MEETS TEST LEVEL 5 REQUIREMENTS OF NCHRP REPORT 350.

Added DESIGNER NOTES.

At SECTION A-A:
- Removed bridge slab sidewalk from view
- Changed horizontal rebar spacing to 4 EQ. SPS. from 2 EQ. SPS.

At INSIDE ELEVATION OF RAILING:
- Changed spacing of dowel rebar and vertical railing rebar
- At ABUTMENT WINGWALL: changed horizontal rebar to No. 16 bars
- At ABUTMENT WINGWALL: changed dimension of slope at end of rail
- At BRIDGE SUPERSTRUCTURE: changed lap dimensions for horizontal rebar
- At BRIDGE SUPERSTRUCTURE: replaced deflection joints with 1" vee joints

At SECTION C-C: removed bridge slab sidewalk from view.

At SECTION B-B: changed pipe lengths.

At Bar Bends and Bill of Reinforcement: changed dimensions.
GENERAL NOTES were revised.

03-04-2003
Changed all instances of OVERLAY to WEARING COURSE.

05-01-2000
Electronic (English) file created.

11-26-1985, Approved by Keith V. Benthin