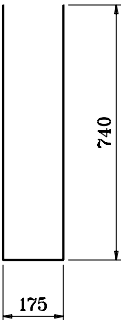
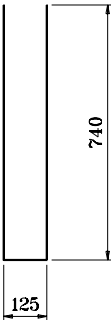


**NOTE:**

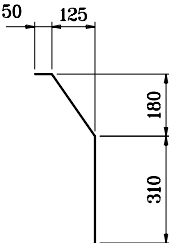
1. See Standard Drawing 706-CBRT-04 for General Notes.



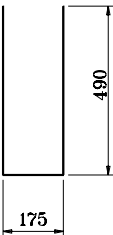
**1682a x 1660**



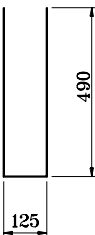
**1682b x 1610**



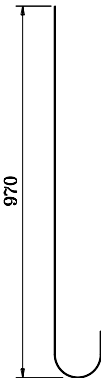
**1685 x 580**



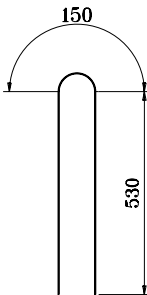
**1684a x 1160**



**1684b x 1110**



**1689 x 1160**



**1683 x 1210**

**BILL OF MATERIALS**

These quantities are for one concrete bridge railing transition type TBT.

EPOXY COATED REINFORCING STEEL			
Size and Mark	No. of Bars	Length	MASS (kg)
1682a	21	1660	
1682b	16	1610	
1683	28	1210	
1684a	21	1160	
1684b	16	1110	
1685	16	580	
#16	1	2500	
#16	14	1700	
Total #16 Bars			267
#13	9	4700	
#13	2	2500	
Total #13 Bars			47
Total Epoxy Coated Steel			307
Concrete Class C in Railing			1.3 m <sup>3</sup>
Surface Seal			11.2 m <sup>2</sup>

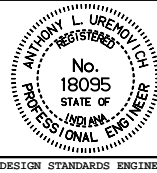
All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

**CONCRETE BRIDGE RAILING  
TRANSITION TYPE TBT**

SEPTEMBER 2001

STANDARD DRAWING NO. **706-TTBT-03**



/s/ Anthony L. Uremovich 9-04-01  
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 9-04-01  
CHIEF HIGHWAY ENGINEER DATE

1145 TRUCK HEIGHT THRIE BEAM/  
CONCRETE BRIDGE RAILING TRANSITION