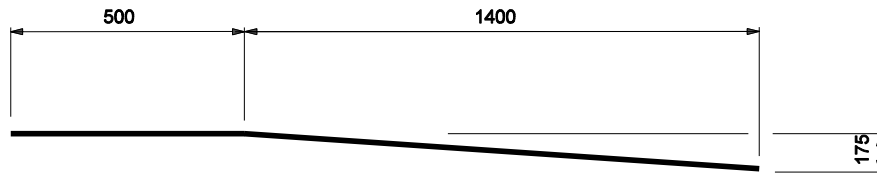
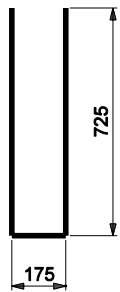


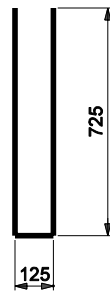
1681 x 1750



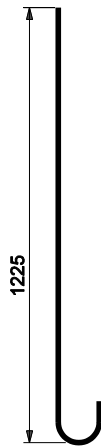
1682 x 1900



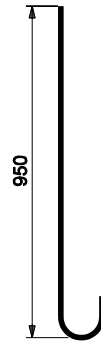
1683 x 1625



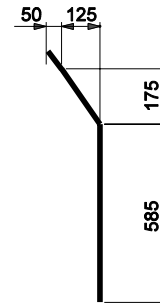
1684 x 1575



1685 x 1400



1686 x 1125



1687 x 935

BILL OF MATERIALS			
These quantities are for one concrete bridge railing transition type TPBT.			
EPOXY COATED REINFORCING STEEL			
Size and Mark	No. of Bars	Length (mm)	Mass (kg)
1681a	5	1750	
1682	2	1900	
1683	24	1625	
1684	13	1575	
1685	14	1400	
1686	46	1125	
1687	7	935	
#16	8	4500	
#16	2	3650	
#16	2	2450	
#16	4	1200	
#16	5	2000	
Total #16 Bars			345
Total Epoxy Coated Steel			345
Concrete Class C in Railing			1.3 m ³
Surface Seal			11.2 m ²

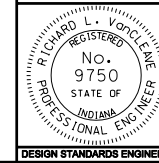
All Dimension are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION

CONCRETE BRIDGE RAILING
TRANSITION TYPE TPBT

SEPTEMBER 2005

STANDARD DRAWING NO. 706-TPBT-09



/s/ Richard L. VanCleave 9-01-05
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-01-05
CHIEF HIGHWAY ENGINEER DATE