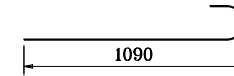


1601a x 1609



1603a x 1265

### BILL OF MATERIALS

These quantities are for one running meter of Standard Concrete Bridge Railing

EPOXY COATED REINFORCING STEEL			
Size Mark	No. of Bars	Length	Mass (kg)
1601a	5	1609	
1603a	10	1265	
#16	8	1300	
Total #16 Bars			48
Total Epoxy Coated Steel			48
MISCELLANEOUS			
Concrete, Class C (m <sup>3</sup> )			0.29
Surface Seal (m <sup>2</sup> )			2.63

### GENERAL NOTES

- See Standard Drawing 703-BRST-01 for bar bending details and reinforcing bar notes.
- Reinforcing steel in concrete barrier rail to be epoxy coated.
- Minimum lap for #16 bars is 580 mm.
- Concrete in barrier rail to be class C.
- For construction joint Type A see Standard Drawing No. 724-BJTS-01.
- For details at the bridge slab see Standard Drawing 706-BCBR-01.
- See Standard Drawing 706-BCBR-04 for details.

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION  
**STANDARD 1170 mm BRIDGE BARRIER RAILING**  
 SEPTEMBER 1997  
 STANDARD DRAWING NO. **706-BCBR-02**

	/s/ Anthony L. Uremovich 9-01-97 DESIGN STANDARDS ENGINEER DATE
	/s/ Donald W. Lucas 9-01-97 CHIEF HIGHWAY ENGINEER DATE

Source Sheet: NONE