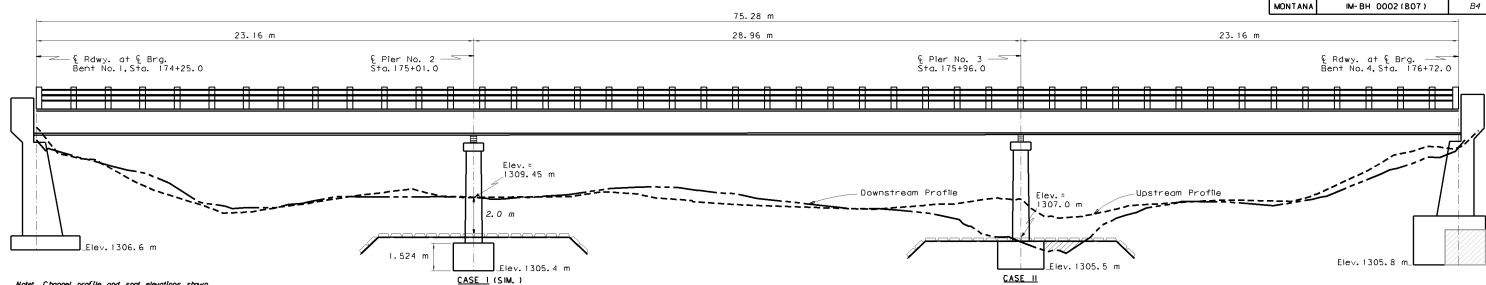


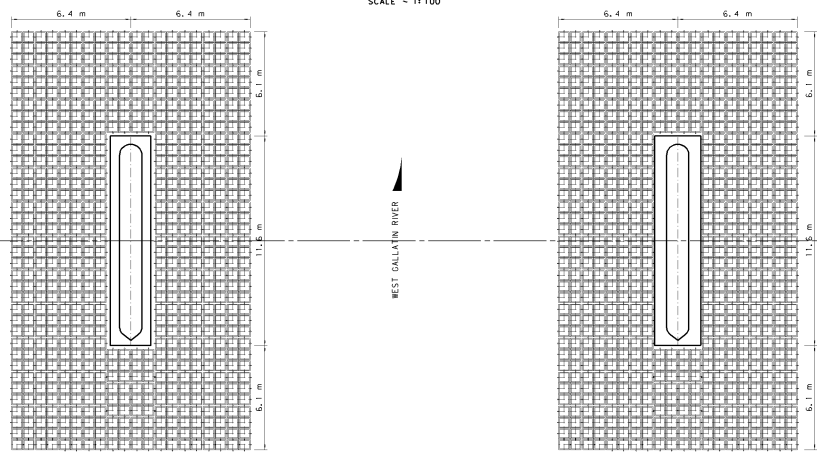


STATE	PROJECT NUMBER	SHEET NO.
MONTANA	IM-BH 0002 (807)	B4



Note: Channel profile and spot elevations shown represent the profiles surveyed 10-2-2004. The current profiles and elevations may vary. Contractor shall verify channel profiles and elevations prior to construction. Profiles shown are of the upstream and downstream faces of the bridge.

ELEVATION VIEW  
SCALE ~ 1:100



PLAN VIEW  
SCALE ~ 1:100

**MDT** MONTANA DEPARTMENT  
OF TRANSPORTATION  
BRIDGE OVER GALLATIN RIVER  
NEAR MANHATTAN  
FEDERAL AID PROJECT NO. IM-BH 0002 (807)  
GALLATIN COUNTY

CABLED - CONCRETE BLOCK  
MATTRESS LAYOUT - S205  
Scale ~ 1:100

* S205 OVER WEST GALLATIN RIVER QUANTITY SUMMARY				
	Cabled-Concrete Block Mattress (m <sup>2</sup> )	Geotextile (m <sup>2</sup> )	Structure Excavation Material (m <sup>3</sup> )	Rock Fill (m <sup>3</sup> )
Pier 2	280	280	772	0
Pier 3	280	280	305	52.5

\* QUANTITIES ARE FOR ESTIMATING PURPOSES ONLY.

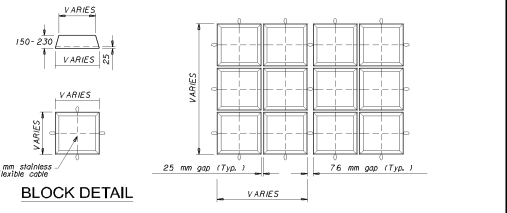
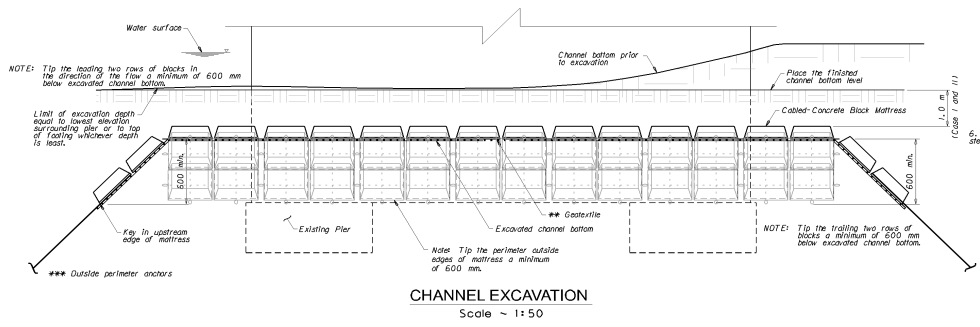
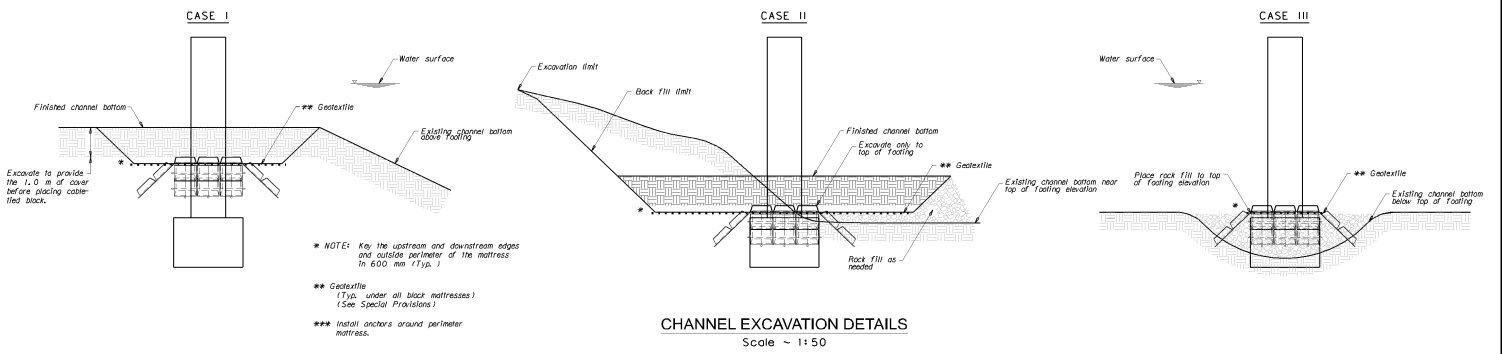
DESIGNED	RJB	6-22-2005
DRAWN	JJA	8-22-2005
CHECKED	PJB	12-28-2005
REVIEWED		
REVIEWED		

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2/24/2006  
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STATE	PROJECT NUMBER	SHEET NO.
MONTANA	IM-BH 0002 (807 I)	85



**CABLED - CONCRETE BLOCK MATTRESS LAYOUT**  
Scale ~ 1:20

**MDT** MONTANA DEPARTMENT OF TRANSPORTATION  
BRIDGE OVER GALLATIN RIVER  
NEAR MANHATTAN  
FEDERAL AID PROJECT NO. IM-BH 0002(807)  
GALLATIN COUNTY  
CHANNEL EXCAVATION DETAILS

Scale ~ As noted

DESIGNED	6-18-05	B.J.B.
DRAWN	6-18-05	J.L.B.
CHECKED	7-08-05	B.J.B.
REVISED		
REVISED		

FILENAME: 5466001BDET002; DRAWING NO. 19700

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2/24/2006  
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