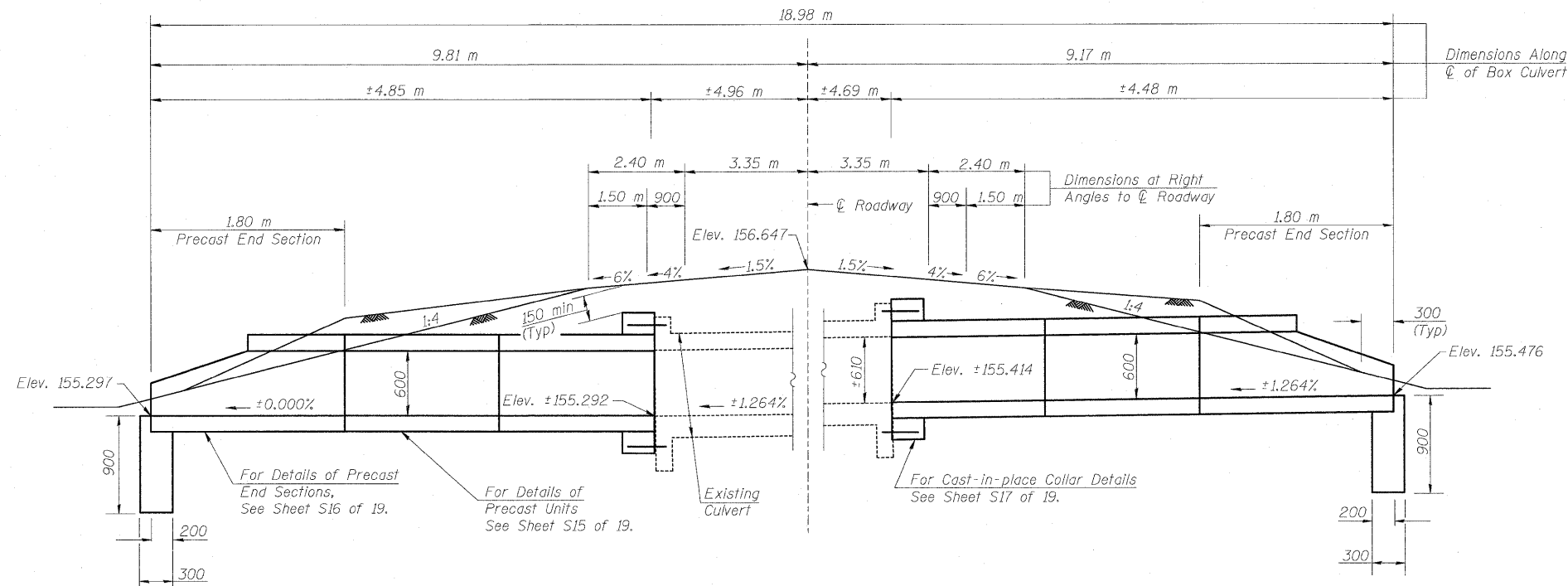


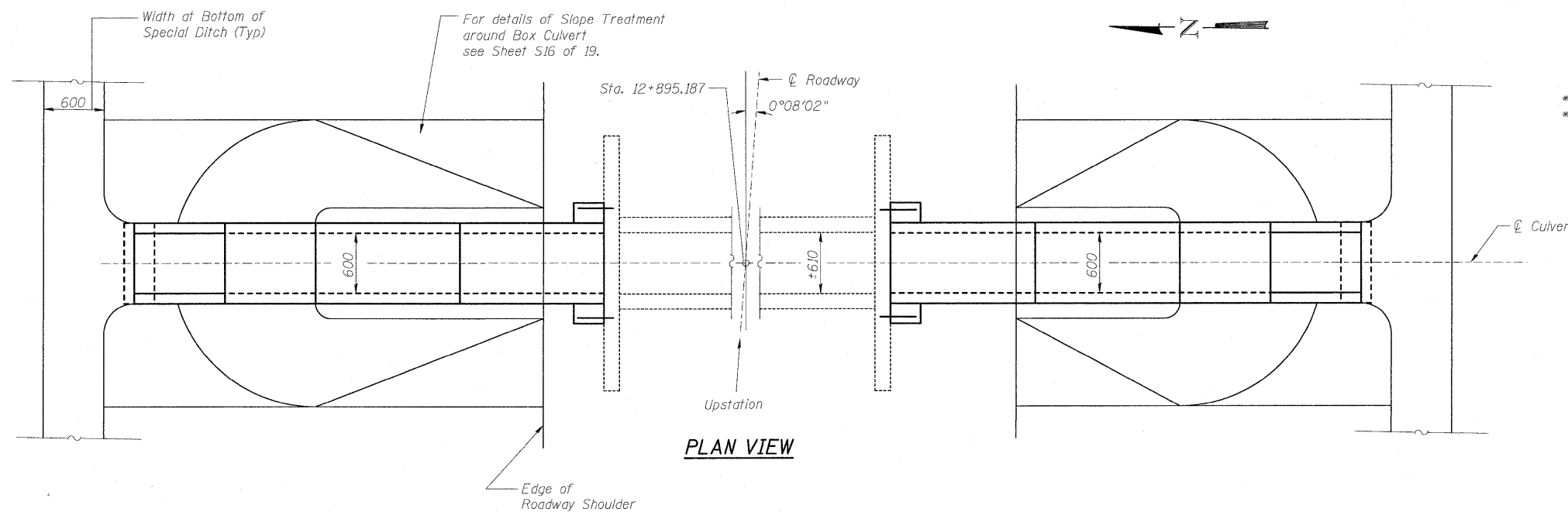
CONTRACT NO.				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	194
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

Existing Structure: The structure is a single barrel 610 mm x 610 mm box culvert at a skew of 0°8'02" right forward. The culvert has an overall length of 9.65 m. The contractor shall extend the culvert on each end for the dimensions shown.



LONGITUDINAL SECTION

PROFILE GRADE



PLAN VIEW

BILL OF MATERIAL - BOX CULVERT NO. 17

Item	Unit	Total
M5030350 Concrete Structures	cu. m.	0.5
M5080205 Reinforcement Bars, Epoxy Coated	kg	100
M5401005 Precast Concrete Box Culvert (600x600)	m	5.7
* 5401017 Box Culvert End Section, Culvert No. 17	Each	2
M5403220 Expansion Bolts (M20x250)	Each	24
M2810707 Stone Riprap, Class A4	sq. m.	See Plans

* Non-standard size.

PLOT DATE = 3/20/2008
FILE NAME = H:\4428\4428.5\Lin_Eng\design_files\12-18-2006\S13.dgn

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION BOX CULVERT EXTENSIONS GENERAL PLAN & ELEVATION BOX CULV. NO. 17, STA. 12+895.187
NAME	DATE	
		SCALE NONE DATE DECEMBER 10, 2006 DRAWN BY MLB CHECKED BY MTH