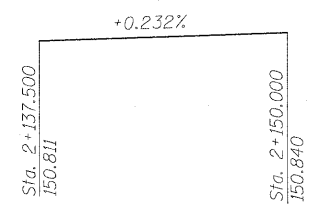
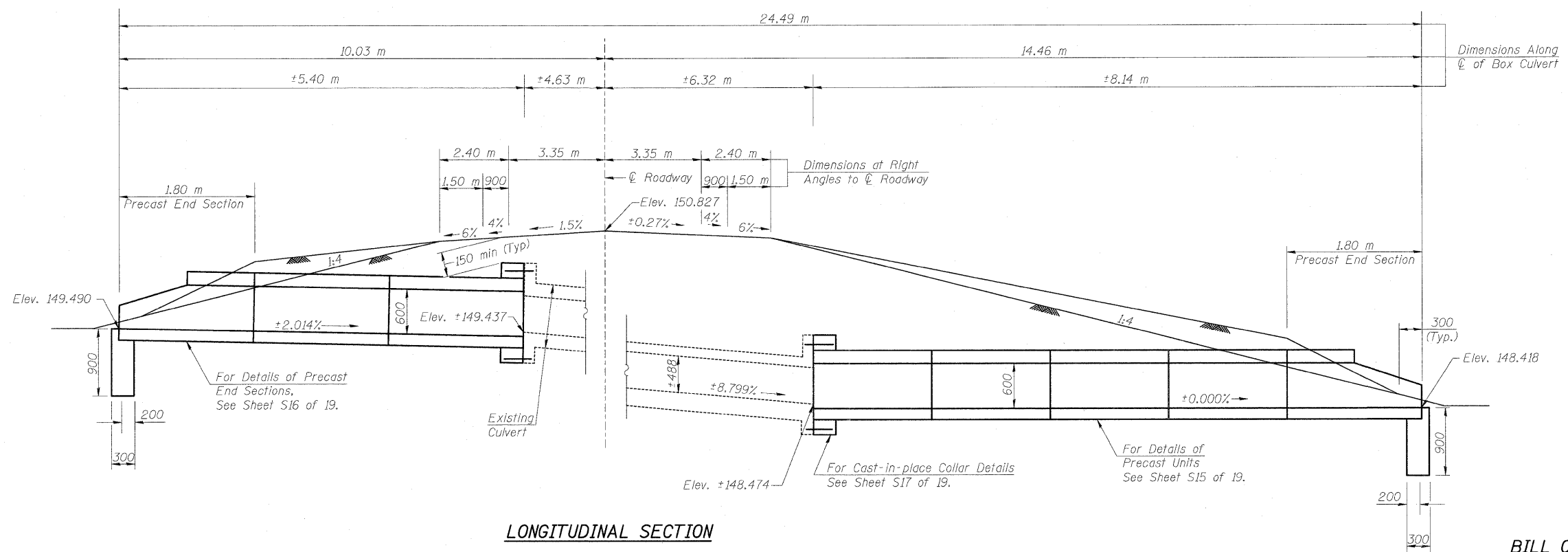


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	1YRS, 2ZRS-1	CRAWFORD	378	184
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

Existing Structure: The structure is a single barrel 610 mm x 488 mm box culvert at a skew of 0°49'55" right forward. The culvert has an overall length of 10.95 m. The contractor shall extend the culvert on each end for the dimensions shown.



PROFILE GRADE

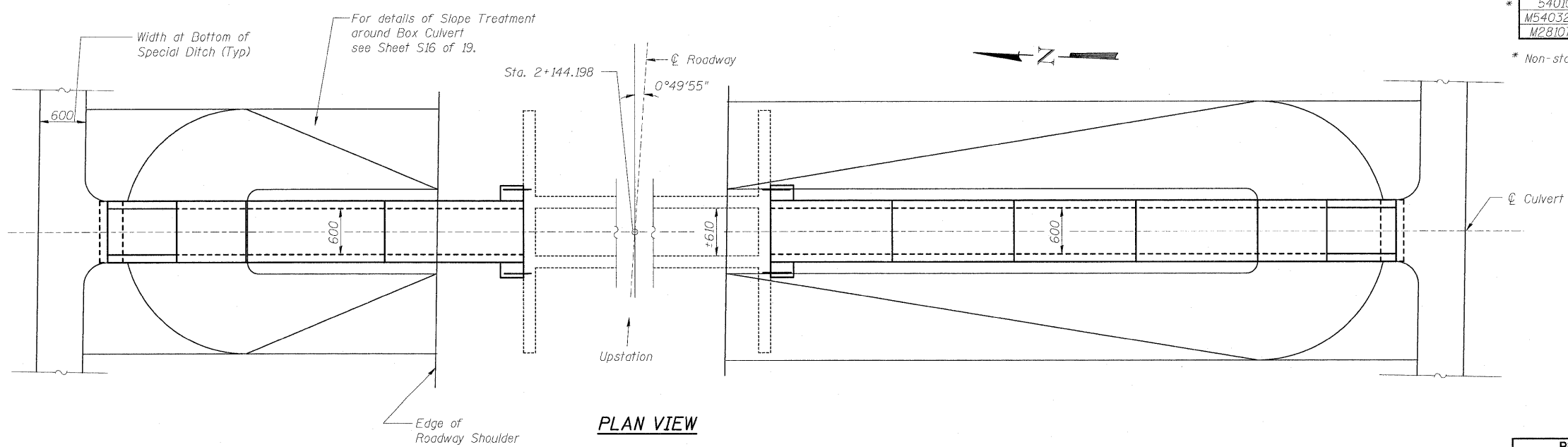
CURVE P2 DATA

PI Sta. 2+006.106
 $\Delta = 41^\circ 59' 15''$ (LT)
 T = 118.158 m
 R = 307.912 m
 L = 225.644 m
 E = 21.893 m
 S.E. = 6.0%
 PC Sta. 1+887.948
 PT Sta. 2+113.592
 Attain S.E. Sta. 1+847.948 to 1+901.948
 And Sta. 2+099.592 to 2+153.592

BILL OF MATERIAL - BOX CULVERT NO. 4

Item	Unit	Total
M5030350 Concrete Structures	cu. m.	0.5
M5080205 Reinforcement Bars, Epoxy Coated	kg	100
* M5401005 Precast Concrete Box Culvert (600x600)	m	9.9
* 5401004 Box Culvert End Section, Culvert No. 4	Each	2
M5403220 Expansion Bolts (M20x250)	Each	24
M2810707 Stone Riprap, Class A4	sq. m.	See Plans

* Non-standard size.



PLAN VIEW

PLOT DATE = 3/29/2008
 FILE NAME = H:\4420\4420.5\Lin_Eng\design_files\12-18-2006\IS-03.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BOX CULVERT EXTENSIONS
GENERAL PLAN & ELEVATION
BOX CULV. NO. 4, STA. 2+144.198
 SCALE NONE DRAWN BY MLB
 DATE DECEMBER 10, 2006 CHECKED BY MTH