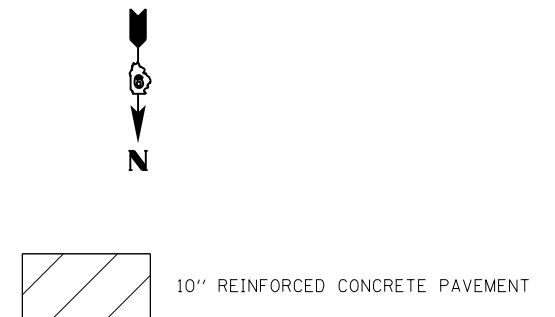
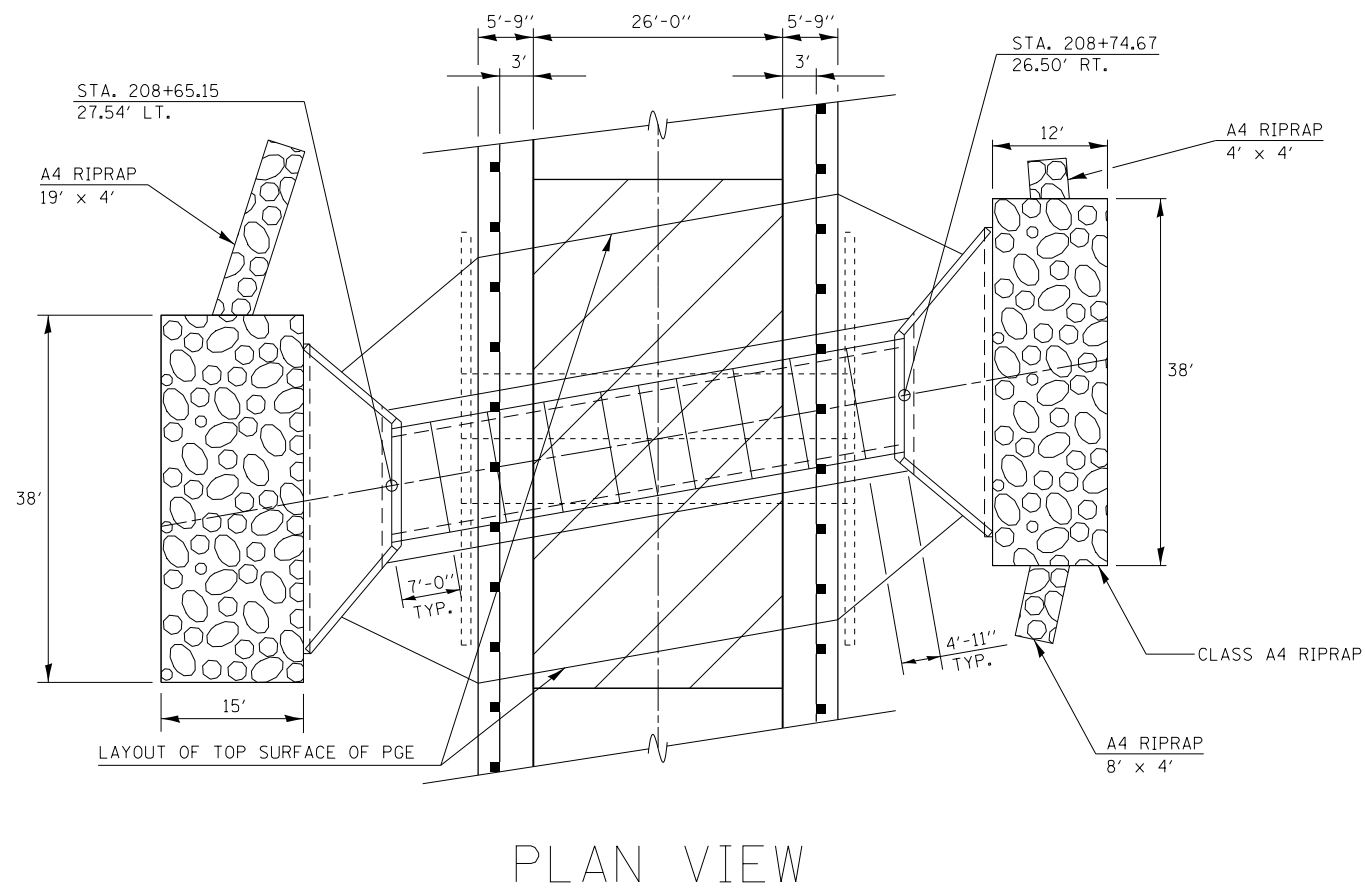
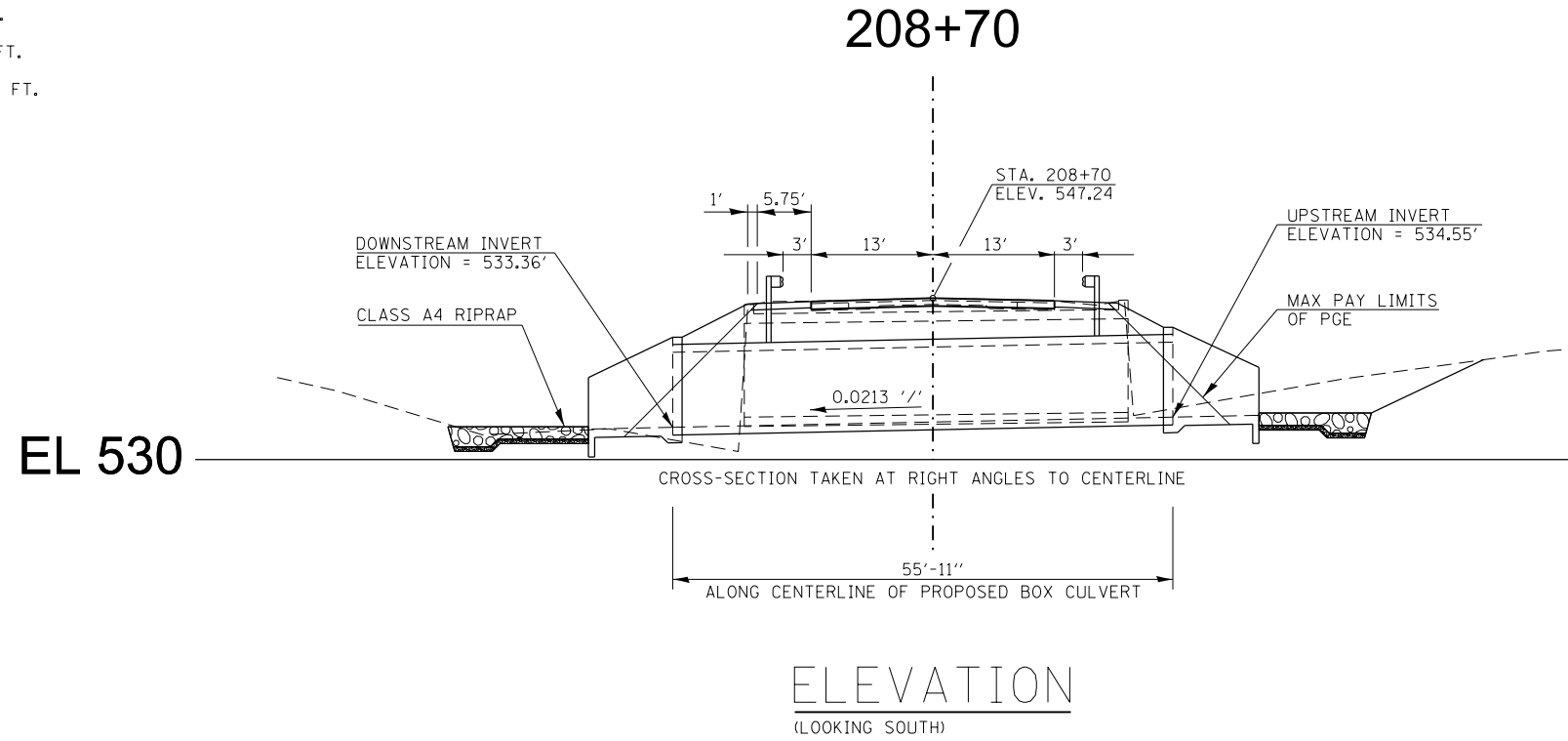


# HYDRAULIC DATA

DRAINAGE AREA = 0.35 SQ. MI.  
 DESIGN WATERWAY OPENING = 62 SQ. FT.  
 DESIGN DISCHARGE = 480 CFS  
 DESIGN HEADWATER ELEVATION = 540.7 FT.  
 100 YR. DISCHARGE = 670 CFS  
 100 YR. HEADWATER ELEVATION = 542.44 FT.  
 OVERTOPPING > 500 YR. = 1045 CFS



NOTE: EARTH EXCAVATION REQUIRED FOR REMOVAL OF THE EXISTING CULVERT AND PLACEMENT OF THE PROPOSED STRUCTURE AND PGE IS ASSUMED TO BE SUITABLE FOR USE AS FILL IN THE FINAL EARTH SLOPES.

SUGGESTED MAKE-UP OF PRE-CAST SECTIONS  
 6 - 6' LONG SECTIONS  
 2 - 4' LONG SECTIONS  
 2 - SECTIONS FORMED AT A 10° SKEW  
 ASSEMBLED LENGTH - 55'-11" ALONG CL OF CULVERT

FILE NAME =	USER NAME = detersdngj	DESIGNED -	REVISED -
ct:\pw\work\p\dot\detersdngj\d0334983\	8354-039-sht-pln.dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/16/2013	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

## GENERAL PLAN & ELEVATION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1911	10B-1	JACKSON	19	10
			78385	
ILLINOIS FED. AID PROJECT				