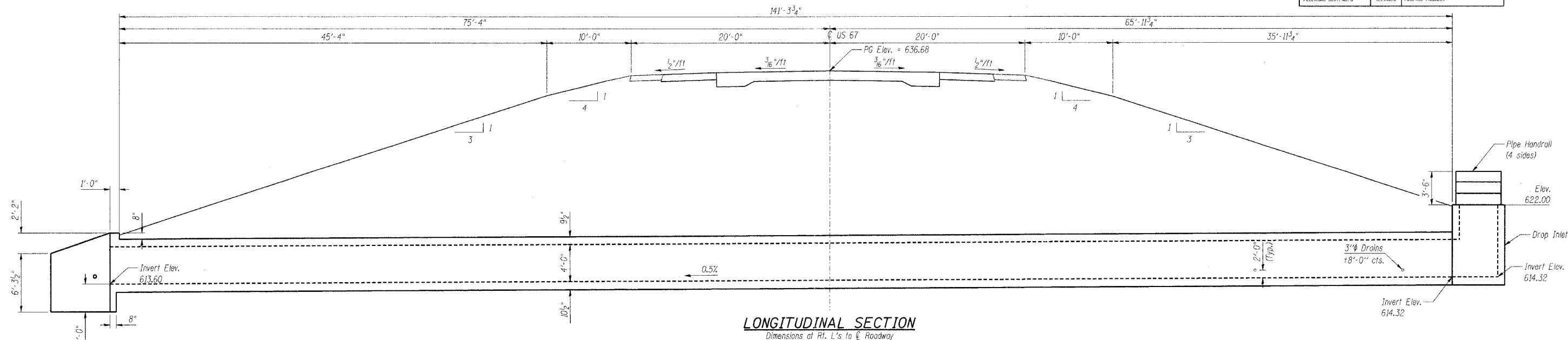


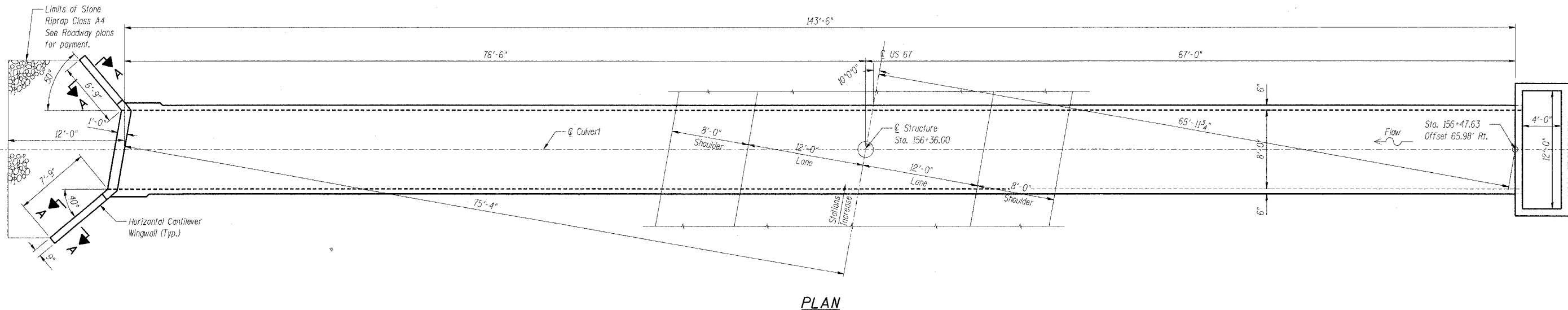
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. FAP 164	SECTION 81B-1	COUNTY MORGAN	TOTAL SHEETS 141	SHEET NO. 49
FED. ROAD DIST. NO. 5		ILLINOIS	FED. AID PROJECT	

SHEET NO. 1  
3 SHEETS



**LONGITUDINAL SECTION**  
Dimensions at Rt. L's to  $\odot$  Roadway



**PLAN**

**NOTES**  
A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.  
Reinforcement Bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60.  
Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.  
All construction joints shall be bonded.

DESIGNED	- PJP
CHECKED	- MAA
DRAWN	- MF
CHECKED	- BSC



*Michael A. Avellano* 11.10.04  
Illinois Structural No. 081-005084 Date  
Exp. 11/30/04

**DESIGN STRESSES**  
 $f_y = 60,000$  psi  
 $f'_c = 3,500$  psi  
**DESIGN SPECIFICATIONS**  
2002 AASHTO  
**LOADING HS 20-44 & ALT.**

PLANS PREPARED BY:  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
US ROUTE 67 OVER  
TRIBUTARY TO SANDY CREEK  
FAP 164 - SECTION 81B-1  
MORGAN COUNTY  
STATION 156+36.00  
CULVERT PLAN, LONGITUDINAL SECTION  
AND DETAILS