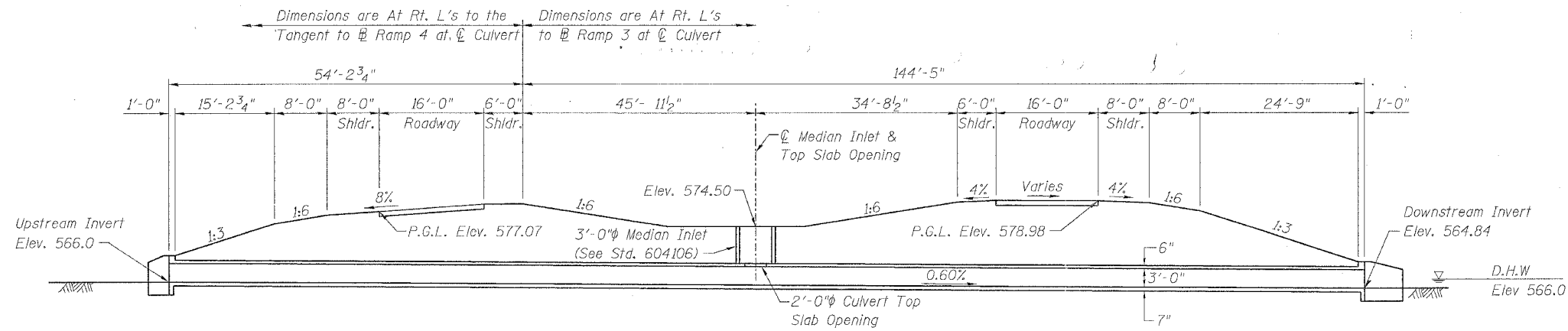
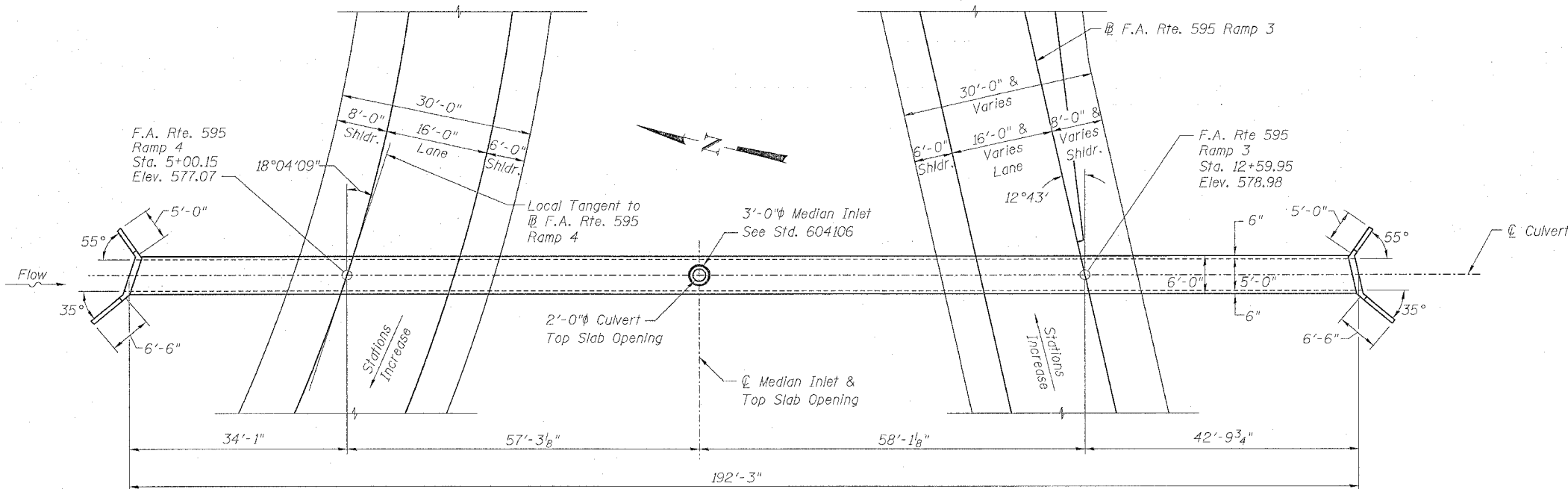


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 595	1-3-K	Rock Island	476	288
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		2 SHEETS



LONGITUDINAL SECTION



PLAN

WATERWAY INFORMATION

Drainage Area = 7.3 Acres Low Grade Elev. 571, 573.4 @ Sta. 8+25.5, 9+56.55 (Ramp 4&3)

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	50	27.3	-	10.0	566.0	-	2.0	-	568.0
Base	100	31.3	-	11.5	566.0	-	2.3	-	568.3
Overtopping	-	-	-	-	-	-	-	-	-
Max. Calc.	500	N/A	-	-	-	-	-	-	-

DESIGN STRESSES

$f_y = 60,000$ psi (Reinforcement)
 $f'_c = 3,500$ psi

LOADING HS 20-44 & ALT.

DESIGNED	JDC
CHECKED	BDF
DRAWN	RAP
CHECKED	BDF

5'-0" x 3'-0" R.C. BOX CULVERT
52nd AVENUE RAMP 3
FA ROUTE 595 SECTION 1-3-K
ROCK ISLAND COUNTY
STATION 12+59.95