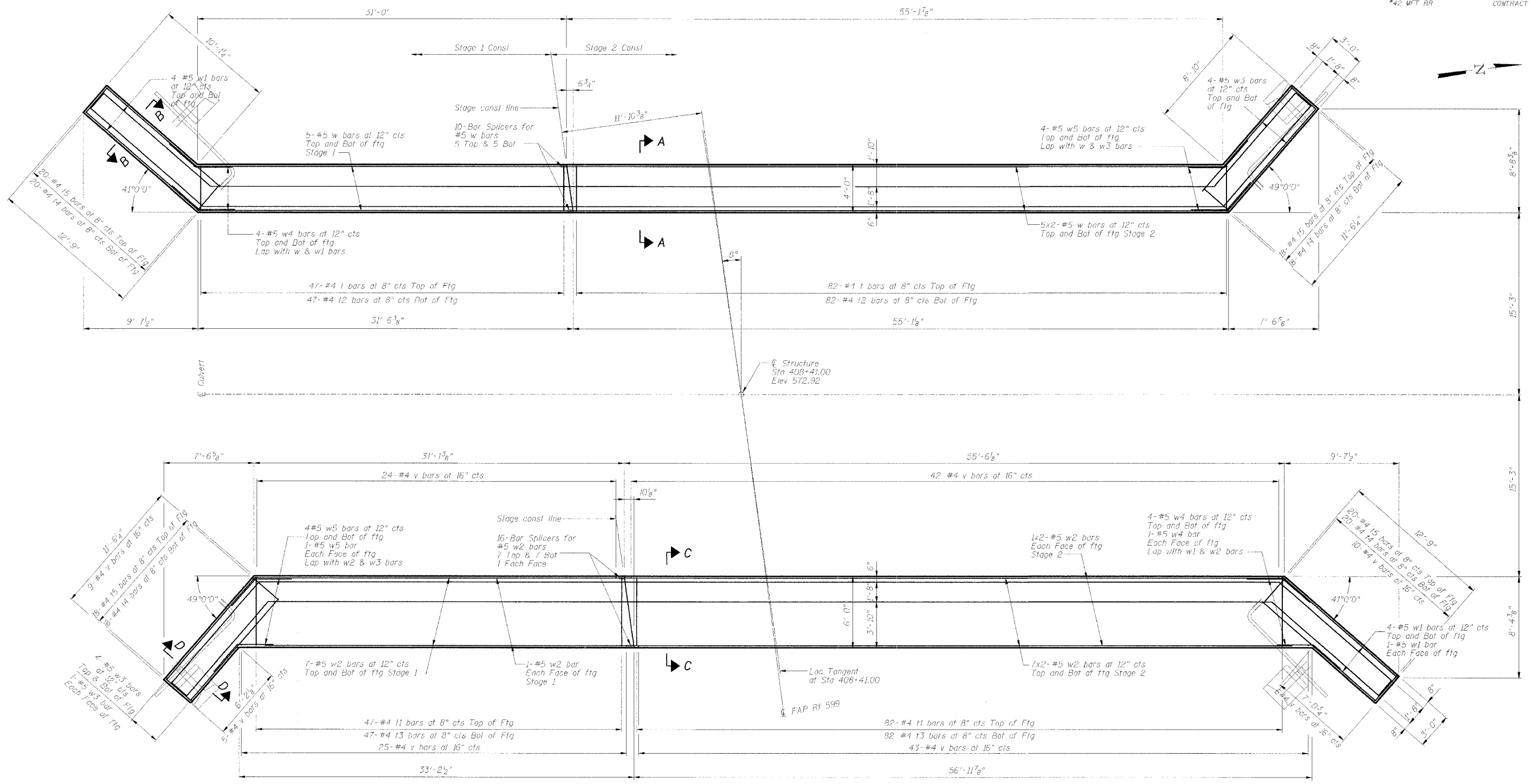


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Sheet No. 4  
of 7 Sheets

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 599	*	ROCK ISLAND	90	38
FEDERAL DISTRICT		ILLINOIS	PROJECT	
*42 MFT BR		CONTRACT NO. 64641		



FOOTING PLAN

**MAXIMUM BEARING PRESSURE**  
Applied = 3.5 ksf (at West Footing)  
Applied = 6.2 ksf (at East Footing)  
Applied = 3 ksf estimated (at Wingwall)

**MIN BAR LAP**  
#5 bars - 2'-2"

**NOTES**  
Structure footing is to be poured monolithically with wingwall footing.  
The new footings shall be set 6" minimum into sound rock. The thickness of the footings shall be increased if required to maintain this embedment.

ILLINOIS ROUTE 92 OVER AN UNNAMED DITCH

FOOTING DETAILS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS		DRAWN BY DATE R King 2/05 CHECKED BY DATE BWP 2/05 DESIGNED BY DATE CWC 2/05 BOOK NUMBER
FAP ROUTE 599 SECTION 42 MFT-BR		PROJECT No. <b>4858-4</b>
STA 408+41.00 ROCK ISLAND COUNTY		SHEET No.
HOMER L. CHASTAIN & ASSOCIATES, LLP CONSULTING ENGINEERS 04-001391		