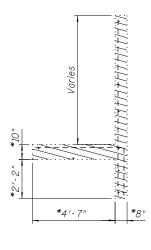
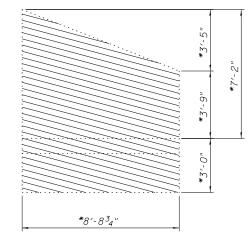


\*Existing plans not available. Contractor to field verify dimensions and report any discrepancies to the Engineer.





# SECTION C-C

<sup>3</sup>8" Bent PL

Grade 50W

Stacked washers or

Schedule 40 pipe to

act as spacer

ĂASHTO M270

Fabricated steel cap

 $-\mathcal{Q}^{-1}_{2}$ "  $\phi$  bolts with nuts and washers

Front face of Permanent

Steel Sheet Piling

## REMOVAL PLAN

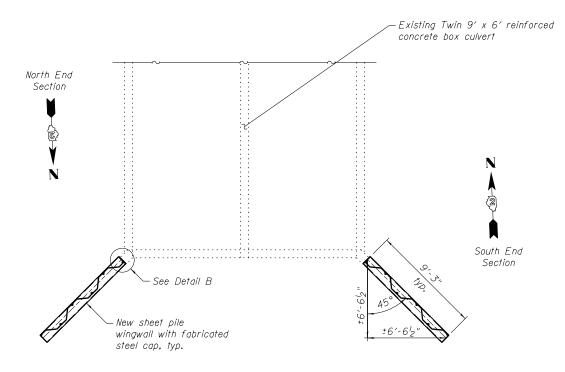
Exisitng north and south end section of Double 9'x6' reinforced concrete box culvert - Sta 917+91.81

## SECTION A-A

Existing reinforced concrete wingwall to be removed

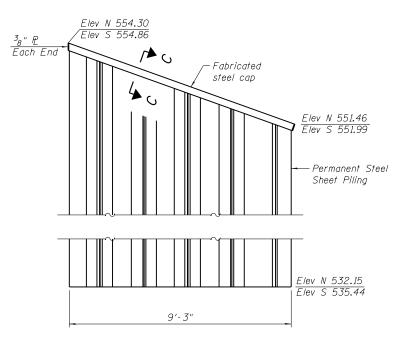
## ELEVATION

Existing reinforced concrete wingwall to be removed



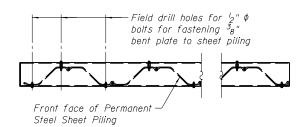
## PLAN

Showing new sheet pile wingwalls



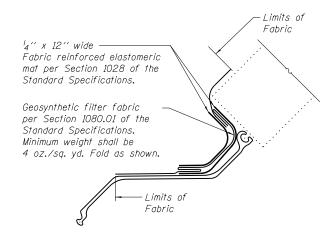
<u>WINGWALL FLEVATION</u>

The sheet piling for the wingwalls shall conform to the special provision Permanent Steel Sheet Piling. The minimum effective section modulus for the Permanent Steel Sheet Piling shall be 4.0 in /ft.



## <u>PL A N</u>

Showing connection of fabricated steel cap to Permanent Steel Sheet Piling



## DETAIL B

Fabric reinforced elastomeric mat and geosynthetic filter fabric shall not be paid for separately but shall be included in the cost of Permanent Steel Sheet Piling.

<b>A</b>	WILLS BURKE KELSEY ASSOCIATES LTD.	
/ 🐃		
WRK	116 West Main Street, Suite 201 St. Charles, Illinois 60174	ŀ
/	ou onance, minor com	ŀ

	USER NAME = hferstl	DESIGNED	-	AWH	REVISED	-
٥.		CHECKED	-	AEU	REVISED	-
	PLOT SCALE =	DRAWN	-	AWH	REVISED	-
	PLOT DATE = 3/20/2013	CHECKED	-	AEU	REVISED	-

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

BOX	CULVERT	END	SECTION	DETAIL	s –	STA.	917 + 91	I.81 I	LT. &	RT.
	STRUCTURE NO. 081-1051									
			SHEET N	10. 2 OF 1	3 SHE	ETS				

F.A.P. RTE.						COUNTY			SHEET NO.
599	(83MFT &	103MFT	)W	T	ROCK	ISLAND	340	178	
				Т	CON	TRACT	NO.	6	4H11
FFD. RO	DAD DIST. NO.	THE INDIS	FFD.	ΔΙΓ	PRO.I	FCT			