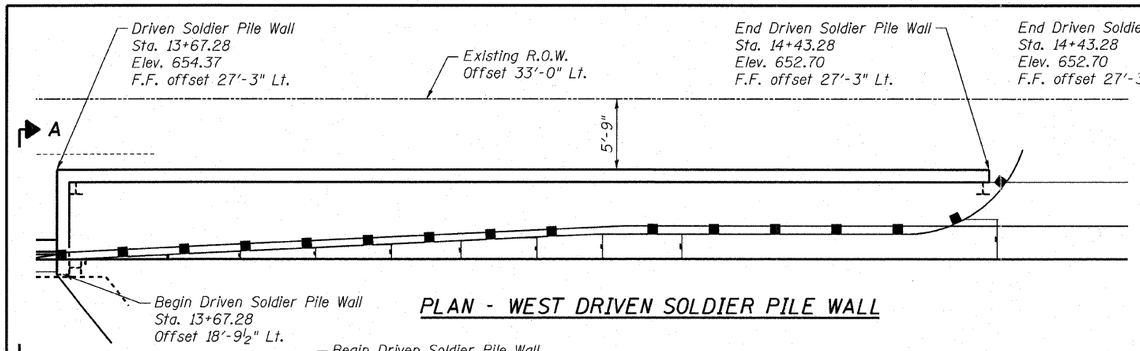
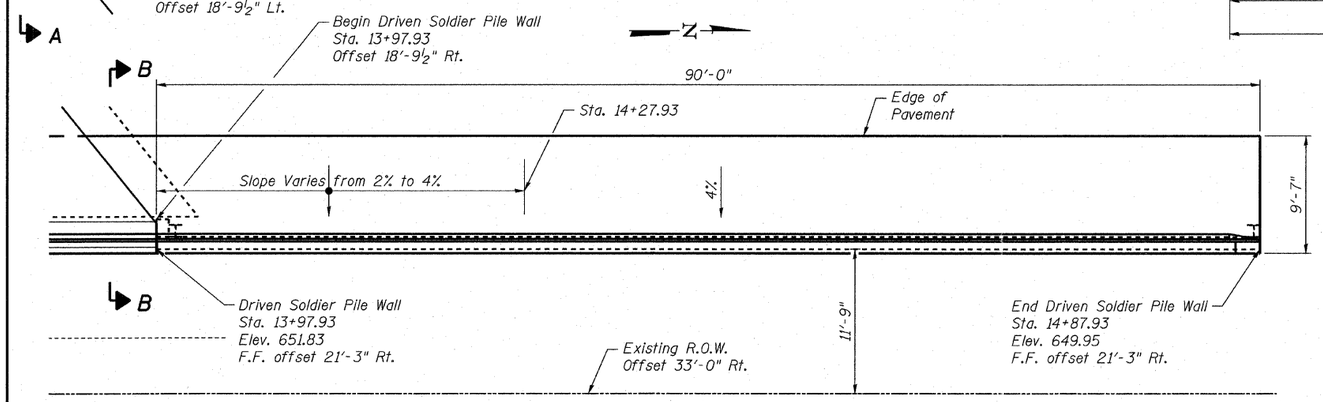
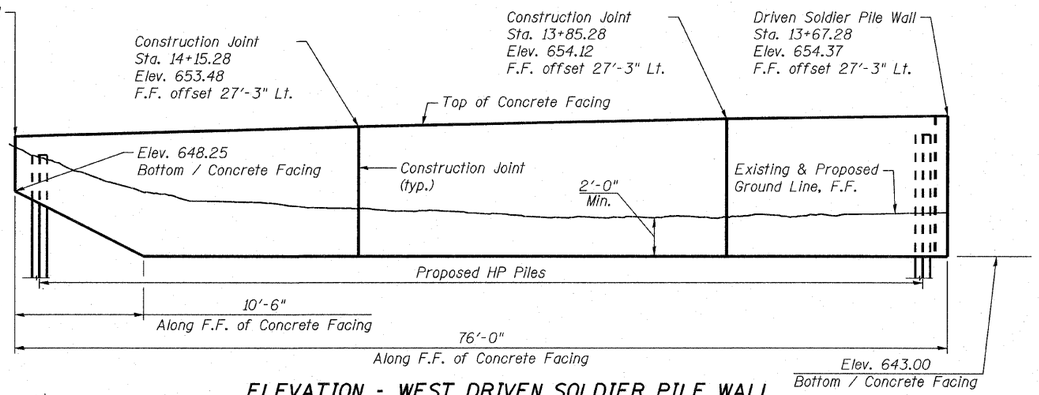


PLAN - WEST DRIVEN SOLDIER PILE WALL

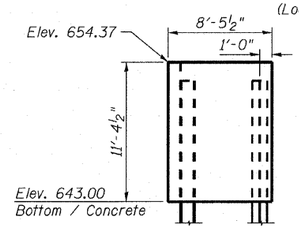


PLAN - EAST DRIVEN SOLDIER PILE WALL

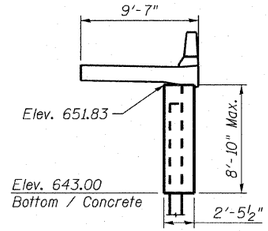


ELEVATION - WEST DRIVEN SOLDIER PILE WALL

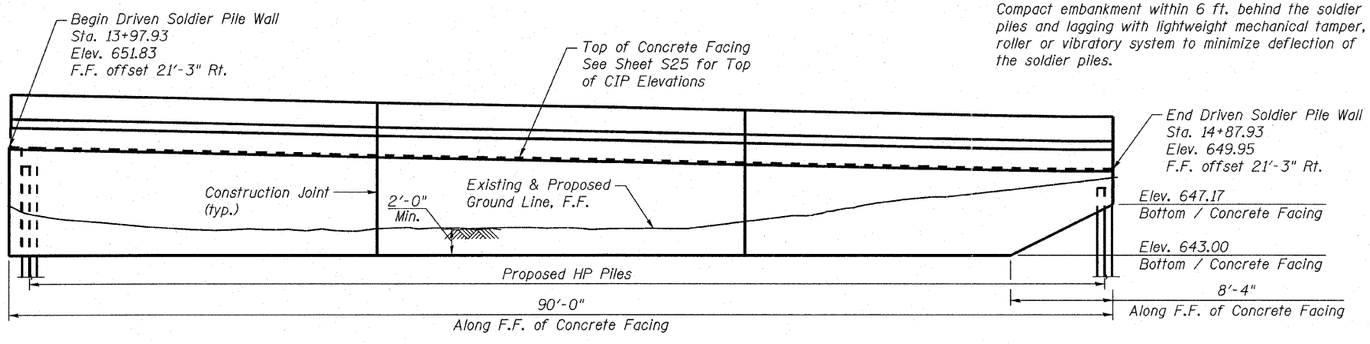
(Looking East)



ELEVATION A-A



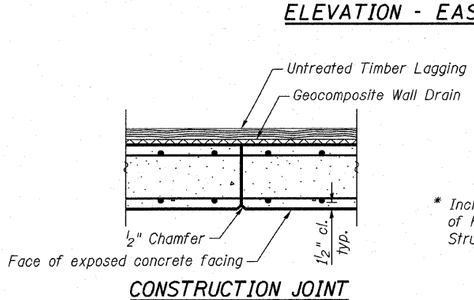
ELEVATION B-B



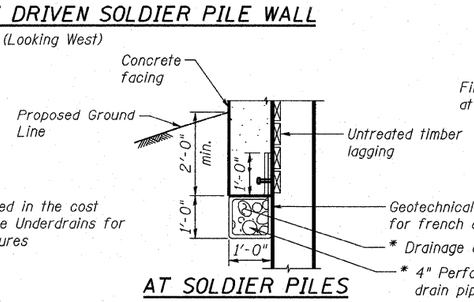
ELEVATION - EAST DRIVEN SOLDIER PILE WALL

(Looking West)

Note:
Compact embankment within 6 ft. behind the soldier piles and lagging with lightweight mechanical tamper, roller or vibratory system to minimize deflection of the soldier piles.

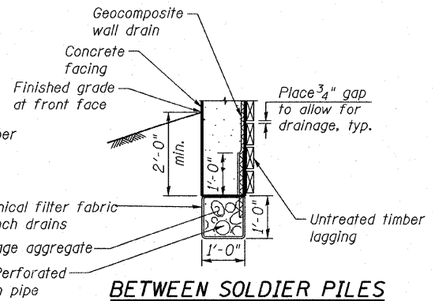


CONSTRUCTION JOINT

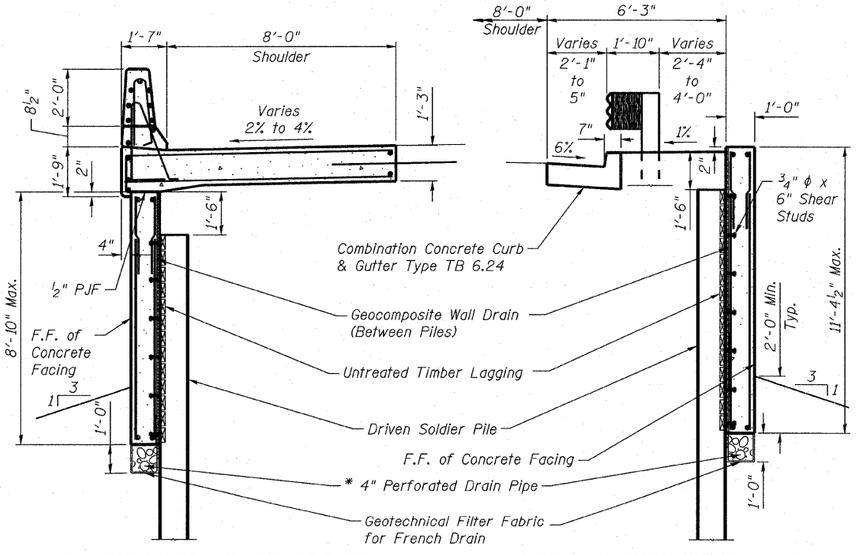


* Included in the cost of Pipe Underdrains for Structures

AT SOLDIER PILES



BETWEEN SOLDIER PILES



SECTION THRU EAST DRIVEN SOLDIER PILE WALL

SECTION THRU WEST DRIVEN SOLDIER PILE WALL

The contractor is responsible for design and performance of the lagging using no less than a 3 inch nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1000 psi.

APEX CONSULTING ENGINEERS, LLC
111 E. Wacker Drive, Suite 830
Chicago, IL 60601
Phone (312) 977-0660 Fax (312) 977-0661

USER NAME =	DESIGNED - HAA	REVISED
	CHECKED - RAD	REVISED
PLOT SCALE =	DRAWN - WHI	REVISED
PLOT DATE = 12/08/2011	CHECKED - RAD	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALLS PLAN AND ELEVATION
S.N. 016-0772
SHEET NO. S23 OF S34 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2845	0505-B	COOK	52	33
		CONTRACT NO. 60M78		
		ILLINOIS FED. AID PROJECT		