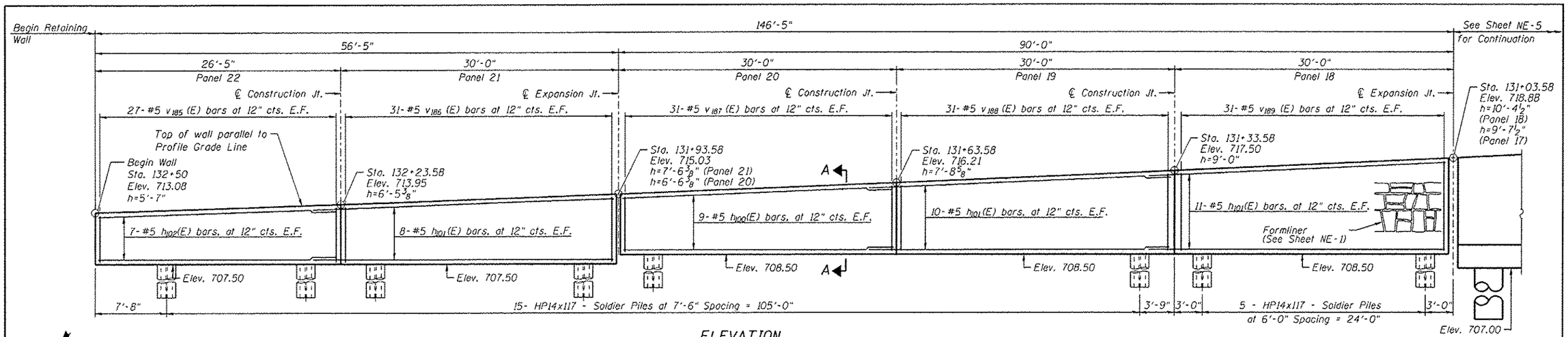
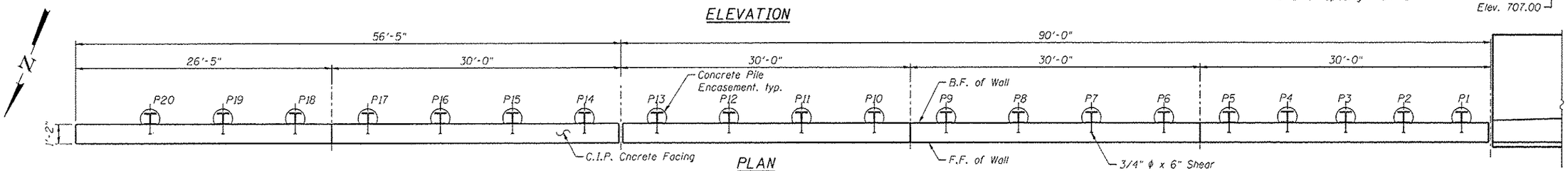
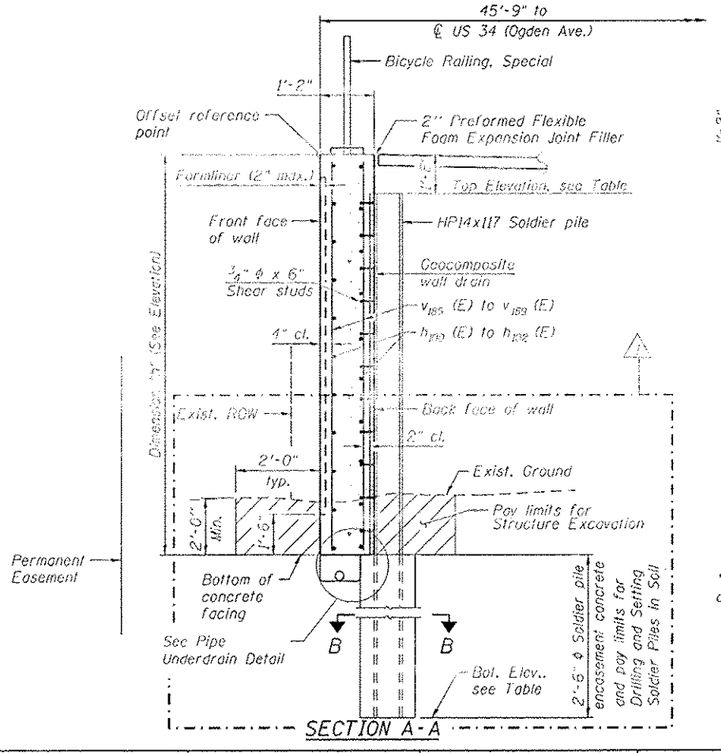


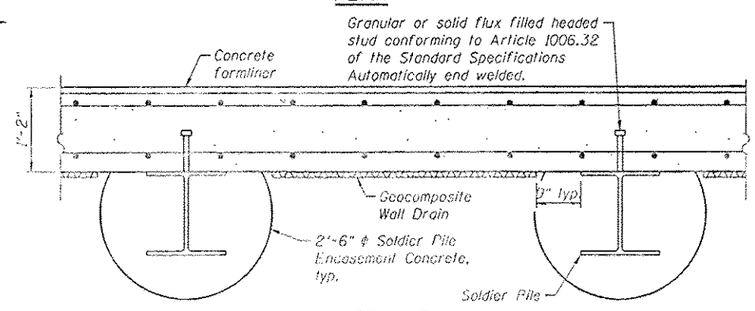
ELEVATION



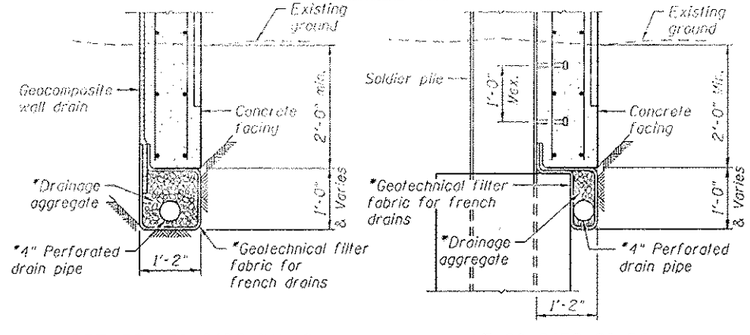
PLAN



SECTION A-A



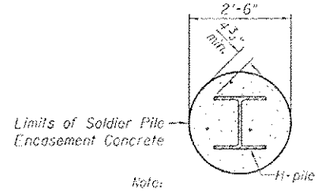
DETAIL PLAN



BETWEEN SOLDIER PILES AT SOLDIER PILES

* Included in the cost of Pipe Underdrain for Concrete Structures

PIPE UNDERDRAIN DETAIL



Note: Forms for encasement may be omitted when soil conditions permit.

SECTION B-B

PILE DATA

Pile No.	Top Elev.	Bottom Elev.	Length Ft.	No. of Studs
P1	717.07	687.98	29'-1"	10
P2	716.79	688.54	28'-3"	9
P3	716.51	689.09	27'-5"	9
P4	716.23	689.65	26'-7"	9
P5	715.96	690.21	25'-9"	8
P6	715.66	690.83	24'-10"	8
P7	715.34	691.42	23'-11"	8
P8	715.02	692.10	22'-11"	8
P9	714.70	692.70	22'-0"	7
P10	714.39	693.31	21'-1"	7
P11	714.09	693.93	20'-2"	7
P12	713.80	694.55	19'-3"	6
P13	713.51	692.09	21'-5"	7
P14	713.23	692.64	20'-7"	7
P15	712.95	693.20	19'-9"	6
P16	712.68	693.76	18'-11"	6
P17	712.41	694.33	18'-1"	6
P18	712.16	694.82	17'-4"	6
P19	711.90	695.32	16'-7"	5
P20	711.66	695.82	15'-10"	5

NOTES:

1. F.F. - Denotes Front Face
   B.F. - Denotes Back Face
   E.F. - Denotes Each Face
2. See Sheet NE-11 for Bill of Material.
3. See Sheet NE-11 for Bar Bending Diagrams, Bill of Bars, Concrete Construction Joint, and Expansion Joint details.
4. For Bicycle Railing post location spacing see General Plan and Elevation Sheet.
5. All structural steel shall conform to the requirements of AASHTO M270 grade 50.
6. Reinforcement bars designated (E) shall be epoxy coated.

MINIMUM BAR LAP

#5 Bar = 2'-11"

2 Rev. Sheet 4-21-14

URS

USER NAME =	DESIGNED - KMP	REVISED - 04/11/2014 A.M.K.
	CHECKED - AMK	REVISED
PLOT SCALE =	DRAWN - KJZ	REVISED
PLOT DATE = 03/19/2014	CHECKED - NPP	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL PLAN AND ELEVATION 1
STRUCTURE NO. 022-W070
SHEET NO. NE-4 OF NE-18 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	652-A	DuPAGE	383	251
		CONTRACT NO. 60R06		
		ILLINOIS FED. AID PROJECT		