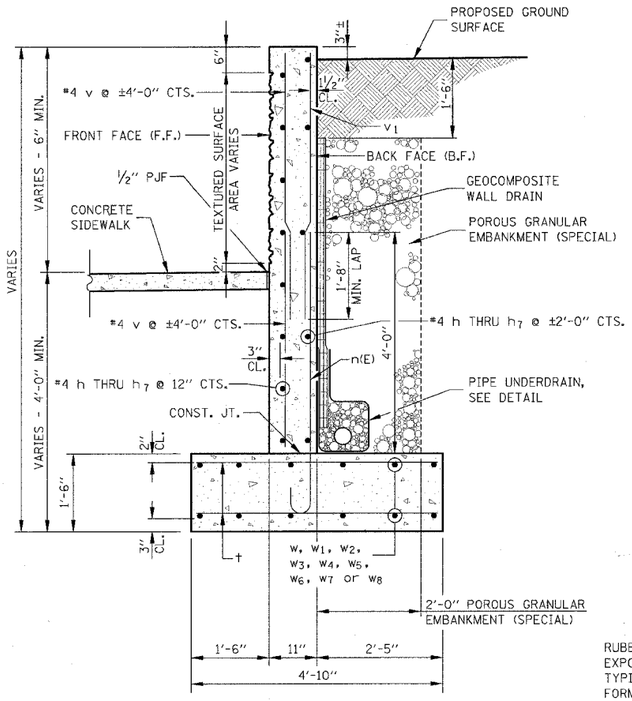
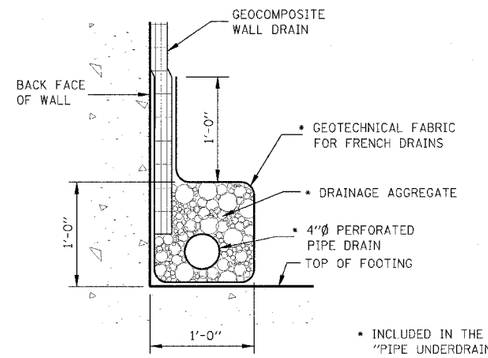
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8419	99-00048-01-PV	FAYETTE	142	101
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 95500

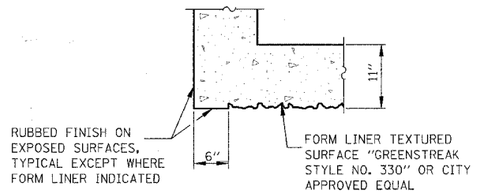


TYPICAL RETAINING WALL SECTION

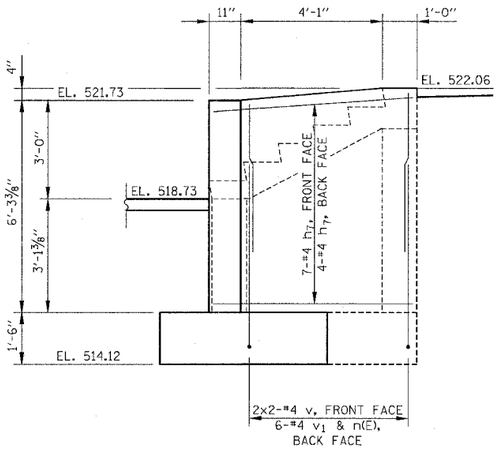


* INCLUDED IN THE COST OF "PIPE UNDERDRAINS FOR STRUCTURES".

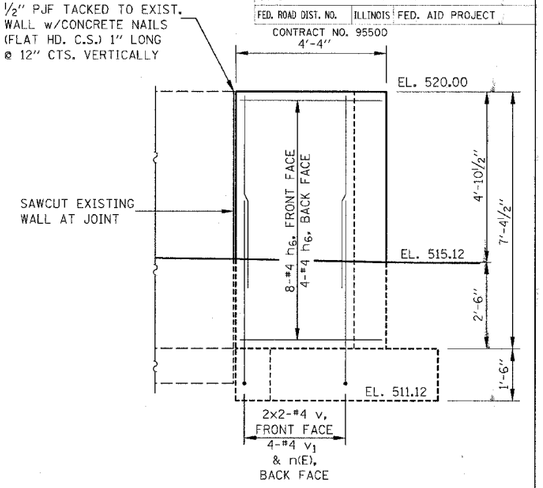
PIPE UNDERDRAIN DETAIL



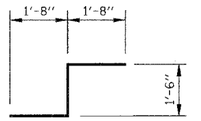
SECTION B-B



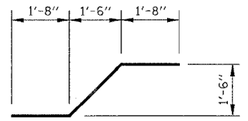
VIEW D-D



VIEW E-E

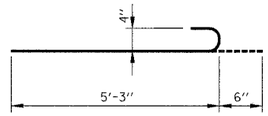


BAR z



BAR z_1

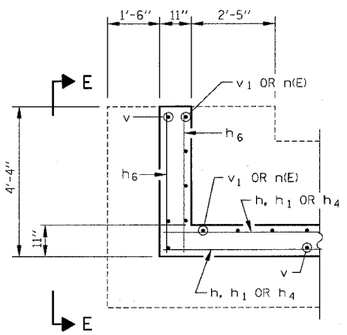
MIN. LAP LENGTHS
#4 = 1'-8"



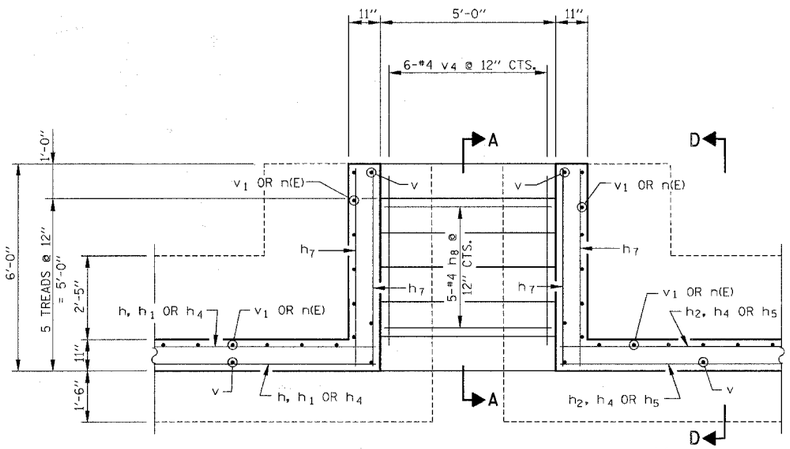
BAR n(E)

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
h	10	#4	33'-2"	——
h_1	3	#4	10'-6"	——
h_2	11	#4	36'-10"	——
h_3	11	#4	12'-0"	——
h_4	6	#4	24'-8"	——
h_5	3	#4	8'-2"	——
h_6	12	#4	4'-0"	——
h_7	22	#4	5'-8"	——
h_8	30	#4	4'-8"	——
n(E)	101	#4	5'-9"	⊃
†	160	#4	4'-6"	——
v	58	#4	4'-8"	——
v_1	101	#4	5'-5"	——
v_2	12	#4	6'-1"	——
v_3	12	#4	3'-4"	——
v_4	6	#4	5'-6"	——
w	12	#4	13'-6"	——
w_1	12	#4	15'-4"	——
w_2	12	#4	9'-8"	——
w_3	12	#4	11'-2"	——
w_4	12	#4	17'-8"	——
w_5	12	#4	12'-2"	——
w_6	12	#4	11'-8"	——
w_7	12	#4	5'-6"	——
w_8	24	#4	7'-2"	——
z	24	#4	4'-10"	⌐
z_1	24	#4	5'-6"	⌐
REINFORCEMENT BARS		POUND	3,110	
REINFORCEMENT BARS, EPOXY COATED		POUND	390	
CONCRETE STRUCTURES		CU YD	49.8	



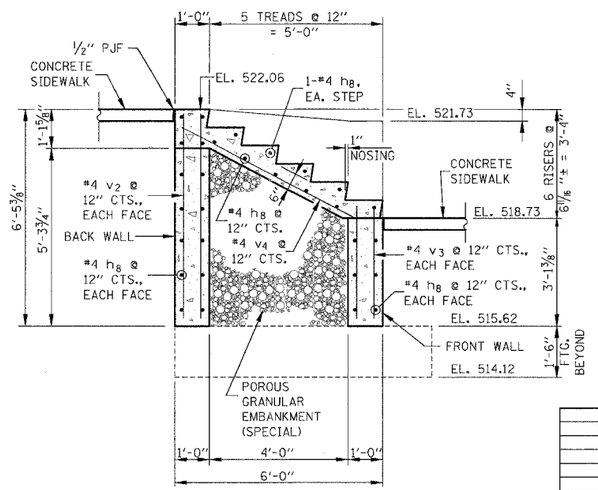
DETAIL C



STAIR PLAN

SCALE IN FEET
0 2 4

N



SECTION A-A

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RETAINING WALL DETAILS

SCALE: VERT.
HORIZ.
DATE

DRAWN BY KOJ KHL
CHECKED BY BWGH

H.M. & G. NO. 4812

CADD FILE: /4812/retwall_dets_4460.dgn
PLOTTED: 01/23/2007

HENRY, MEISENHEIMER & GENDE, INC. 1075 LAKE ROAD CARLYLE, ILLINOIS 62231 (618) 594-3711 WWW.HMGENGINEERS.COM