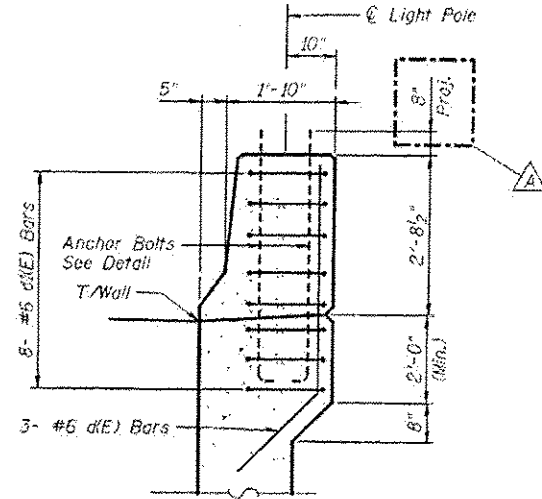
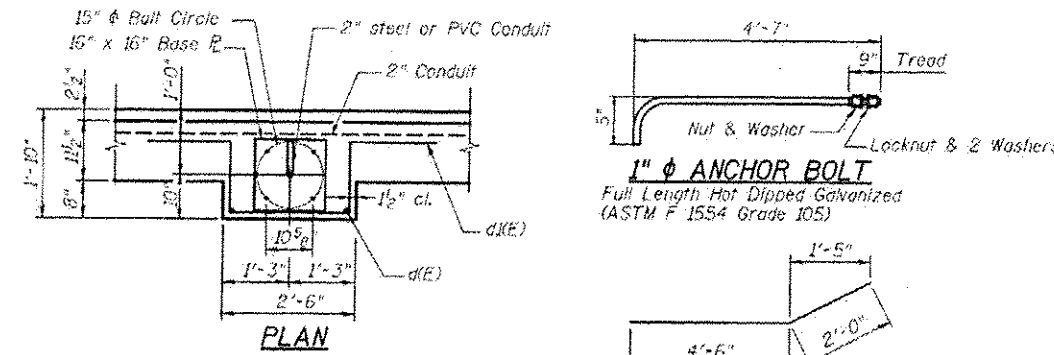


BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	15	#6	6'-6"	
d(E)	40	#6	8'-11"	
h(E)	146	#4	29'-8"	
h(E)	270	#4	32'-3"	
h(E)	20	#4	16'-4"	
h(E)	2	#4	20'-7"	
h(E)	2	#4	13'-2"	
n(E)	617	#6	7'-4"	
n(E)	617	#4	5'-9"	
u(E)	1234	#6	5'-11"	
u(E)	20	#4	7'-0"	
w(E)	7	#4	5'-2"	
w(E)	7	#4	6'-0"	
w(E)	280	#4	32'-1"	
w(E)	14	#4	16'-6"	
v(E)	347	#6	7'-9"	
v(E)	120	#6	8'-9"	
v(E)	90	#6	9'-8"	
v(E)	60	#6	10'-8"	
v(E)	317	#4	7'-8"	
v(E)	150	#4	8'-7"	
v(E)	90	#4	9'-11"	
v(E)	60	#4	10'-11"	
Removal of Existing Structures			L. Sum	1
Structure Excavation			Cu. Yd.	1,089
Concrete Structures			Cu. Yd.	581.6
Protective Coat			Sq. Yd.	272
Reinforcement Bars, Epoxy Coated			Pound	47,490
Geocomposite Wall Drain			Sq. Yd.	341
Porous Granular Embankment, Special			Cu. Yd.	227
Pipe Underdrains For Structures, 4"			Foot	620

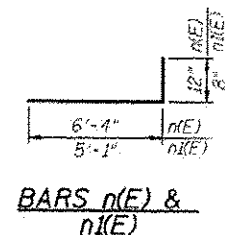
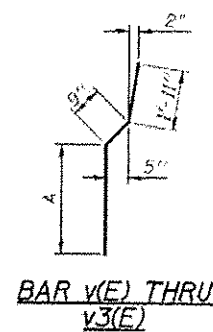


Notes:
1. For light pole locations and details, see Lighting Plans.
2. Cost of anchor bolts, nuts, washers, lighting conduit and expansion couplings is included in Concrete Structures.

LIGHT POLE MOUNTING DETAILS

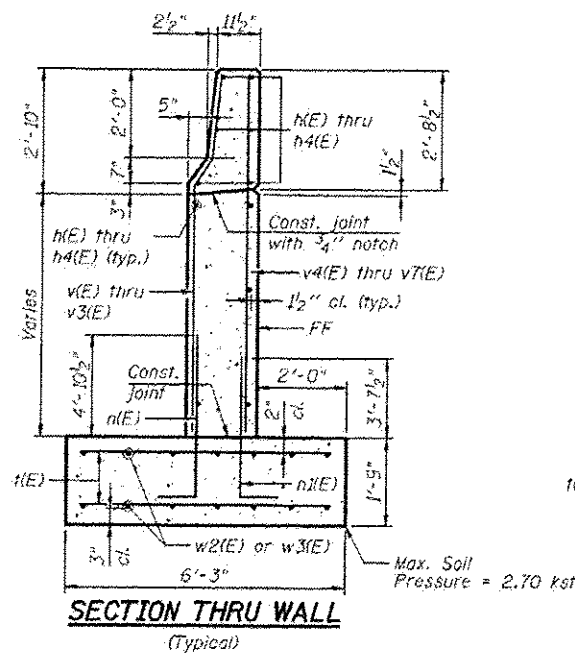
MINIMUM LAP

#4 Bars = 2'-1"
#6 Bars = 3'-1"

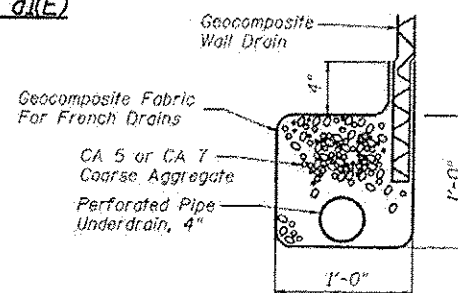


DIM A

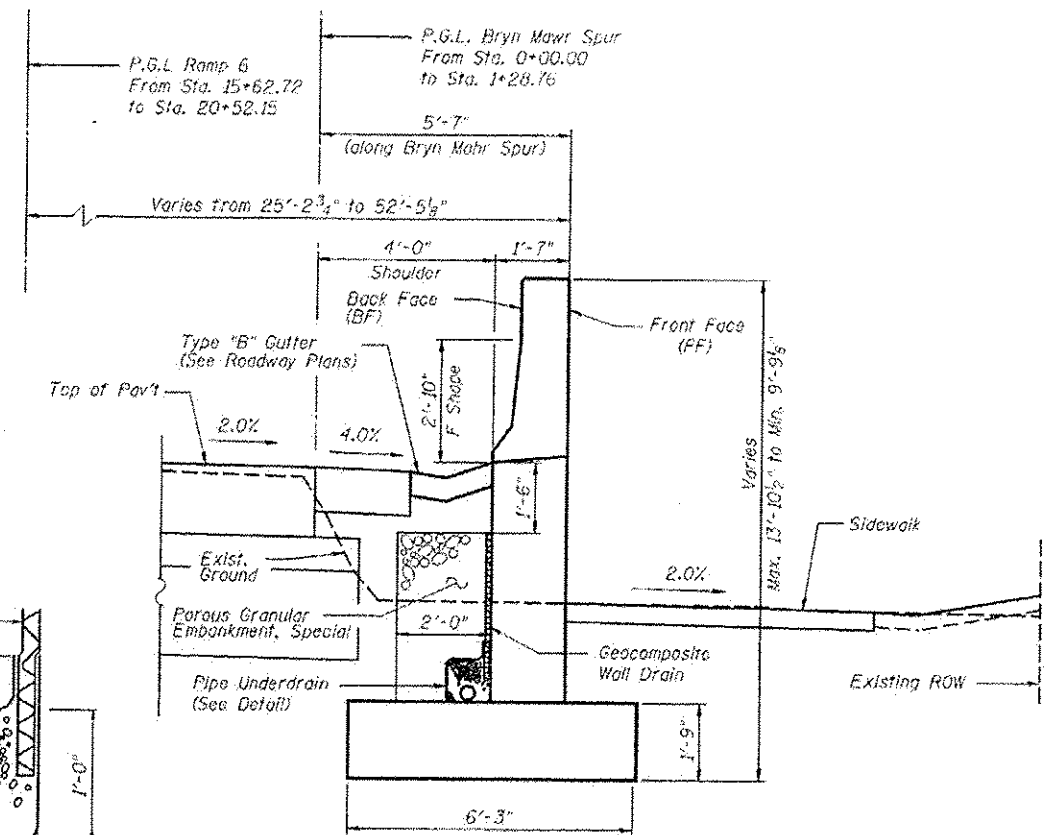
Bar	A
v(E)	5'-1"
v(E)	6'-0"
v(E)	7'-0"
v(E)	8'-0"



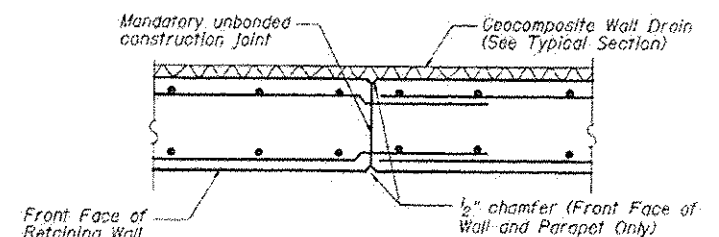
PIPE UNDERDRAIN DETAIL



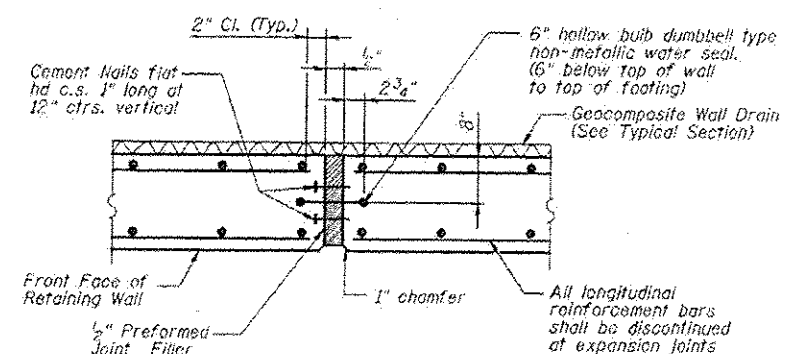
CROSS SECTION OF ROADWAY AND WALL



CONSTRUCTION JOINT DETAIL



EXPANSION JOINT DETAIL



SECTION THRU WALL

(Sta. 15+62.72 to 15+82.68 Ramp 6)

