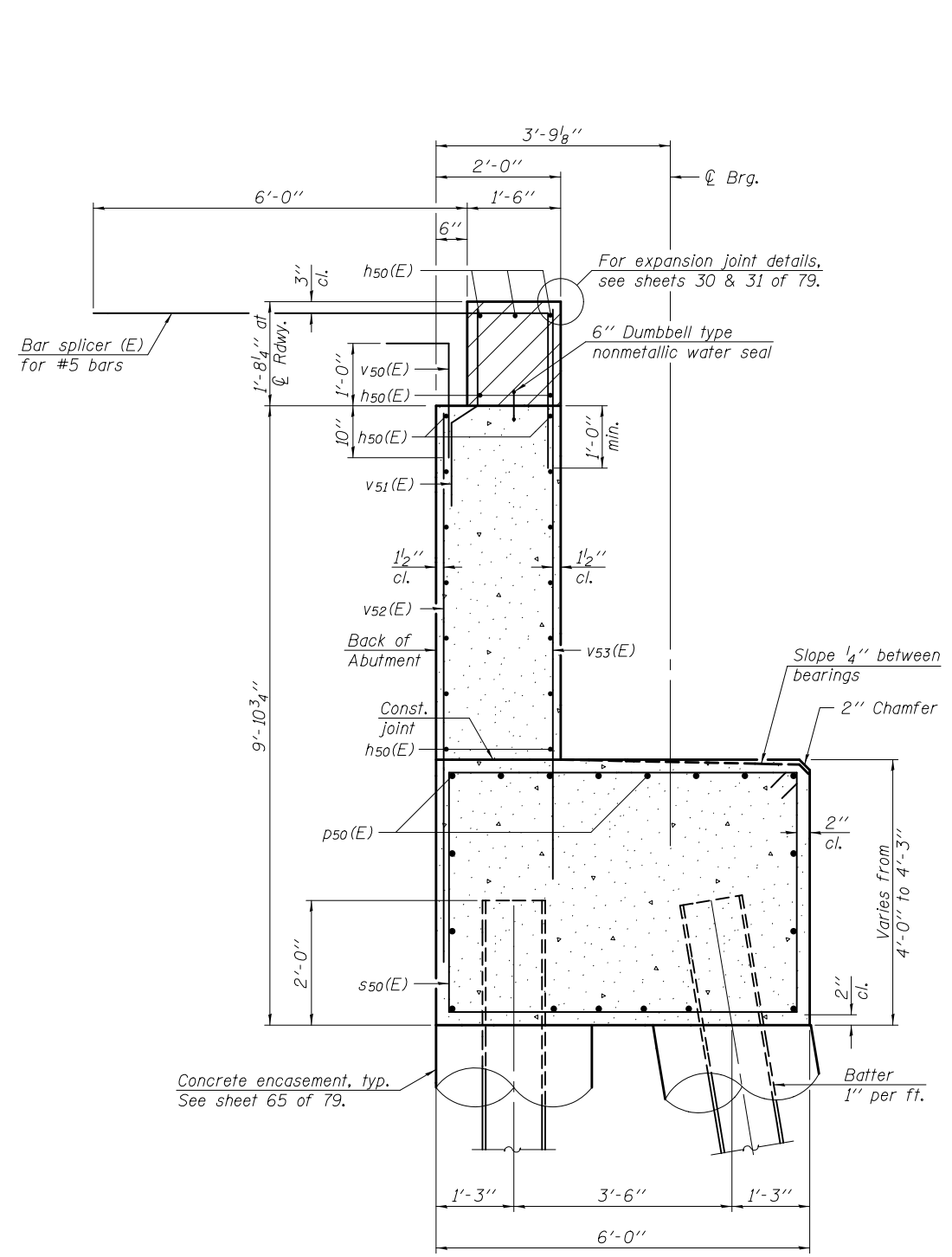
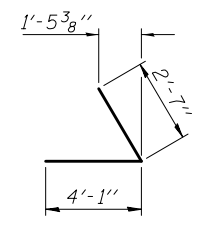


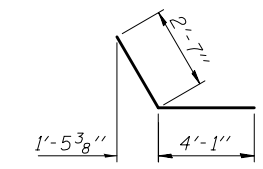
Notes:  
 Hatched area to be poured after superstructure false work has been removed. Quantity of concrete included with Concrete Superstructure. Space reinforcement in cap to miss anchor bolts. Pour steps monolithically with cap. All exposed surfaces of the backwall, bridge seats, and front face of cap shall be treated with Concrete Sealer.



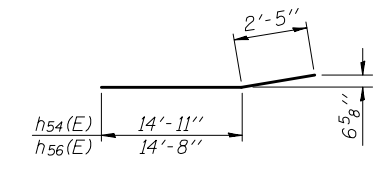
**SECTION THRU ABUTMENT**



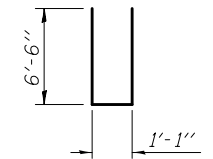
**BAR h51(E)**



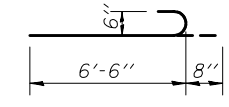
**BAR h52(E)**



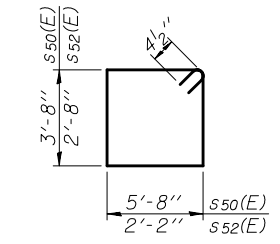
**BARS h54(E) & h56(E)**



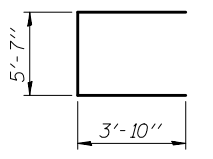
**BAR n50(E)**



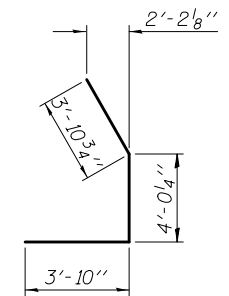
**BAR n51(E)**



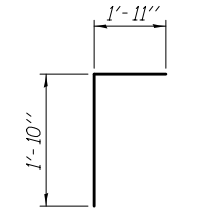
**BARS s50(E) & s52(E)**



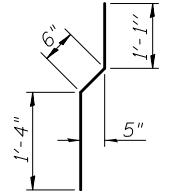
**BAR u50(E)**



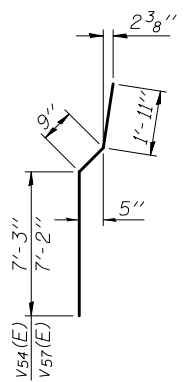
**BAR u51(E)**



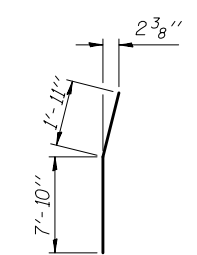
**BAR v50(E)**



**BAR v51(E)**



**BARS v54(E) & v57(E)**



**BAR v55(E)**

**TWO ABUTMENTS  
 BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h50(E)	76	#6	25'-11"	—
h51(E)	32	#5	6'-8"	└
h52(E)	32	#5	6'-8"	└
h54(E)	20	#4	17'-4"	—
h55(E)	28	#4	17'-11"	—
h56(E)	20	#4	17'-1"	—
h57(E)	28	#4	16'-6"	—
n50(E)	58	#6	14'-1"	└
n51(E)	24	#6	7'-2"	└
p50(E)	72	#7	28'-4"	—
p51(E)	32	#7	18'-1"	—
s50(E)	120	#4	19'-5"	└
s52(E)	68	#4	10'-5"	└
u50(E)	8	#6	13'-3"	└
u51(E)	8	#6	11'-9"	└
v50(E)	98	#5	3'-9"	└
v51(E)	98	#4	2'-11"	└
v52(E)	98	#5	9'-0"	—
v53(E)	98	#5	9'-5"	—
v54(E)	30	#6	9'-11"	—
v55(E)	12	#6	9'-9"	—
v56(E)	38	#6	9'-9"	—
v57(E)	30	#6	9'-10"	—
v58(E)	34	#6	9'-8"	—
Structure Excavation		Cu. Yd.	157.1	
Concrete Structures		Cu. Yd.	185.2	
Reinforcement Bars, Epoxy Coated		Pound	18,250	
Concrete Encasement		Cu. Yd.	18.6	
Furnishing Steel Piles HP 14x73		Foot	1,536	
Driving Piles		Foot	1,536	
Test Pile Steel HP 14x73		Each	2	
Pile Shoes		Each	34	
Concrete Sealer		Sq. Ft.	1,445.4	

For details of Bar Splicers, see sheet 66 of 79. For details of piles and Concrete Encasement, see sheet 65 of 79.