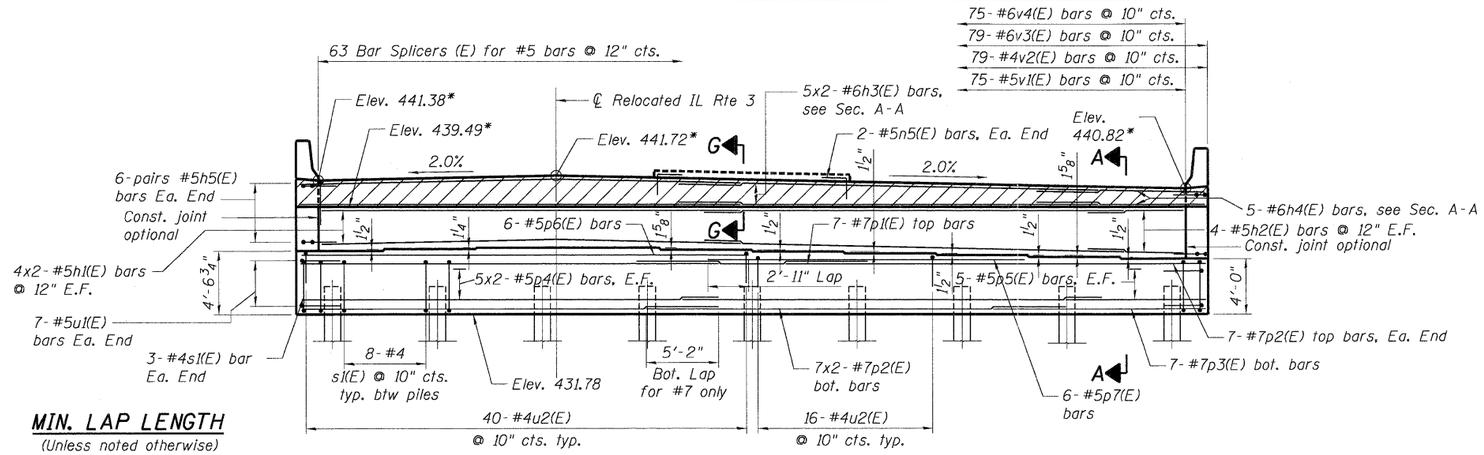


ELEVATION

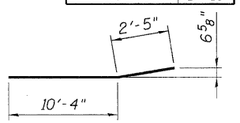
(Looking South)

*Elevations @ Front Face of Backwall

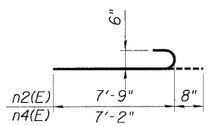
MIN. LAP LENGTH

(Unless noted otherwise)

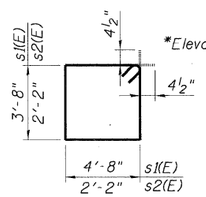
Bar Size	Lap
#5	2'-7"
#6	4'-5"
#7	5'-10"



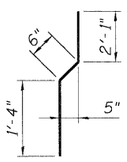
BAR h7(E)



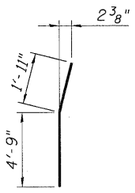
BARS n2(E) & n4(E)



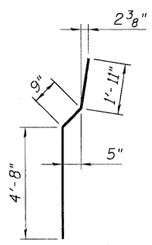
BARS s1(E) & s2(E)



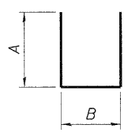
BAR v2(E)



BAR v5(E)

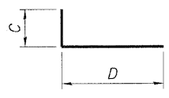


BAR v6(E)



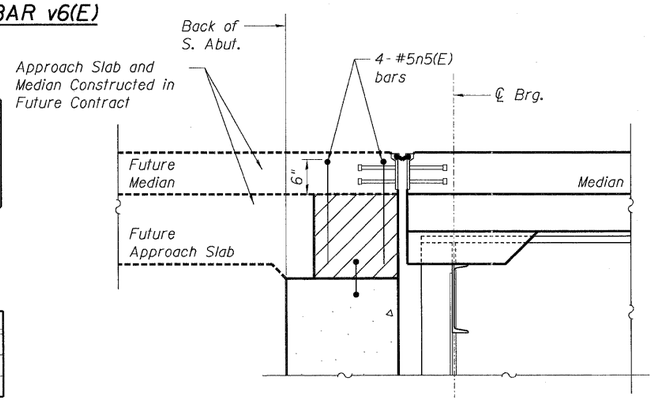
Bar	A	B
n1(E)	7'-9"	1'-4"
n3(E)	7'-2"	1'-4"
u1(E)	2'-7"	4'-7"
u2(E)	2'-2"	4'-5"

BARS n1(E), n3(E), u1(E), & u2(E)

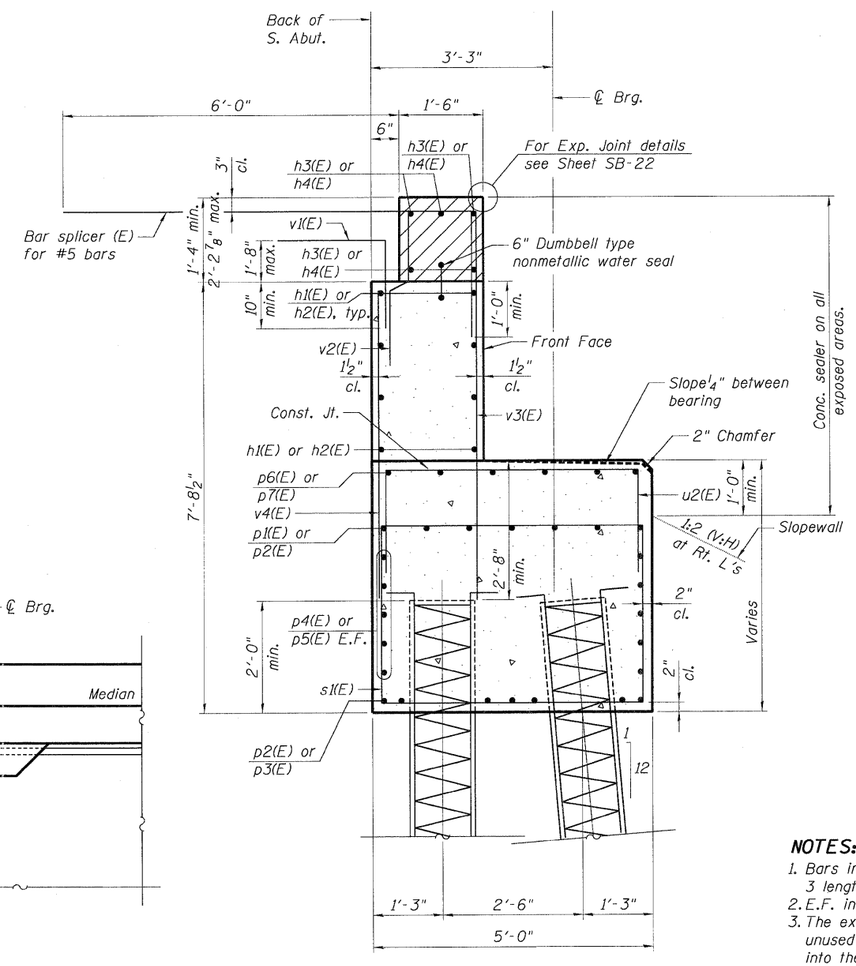


Bar	C	D
h5(E)	3'-3"	4'-0"
n5(E)	1'-9"	1'-9"
v1(E)	1'-11"	2'-6"

BARS h5(E), n5(E), & v1(E)



SECTION G-G



SECTION A-A

SOUTH ABUTMENT BAR LIST

Bar	No.	Size	Length	Shape
h1(E)	16	#5	30'-0"	
h2(E)	8	#5	6'-10"	
h3(E)	10	#6	30'-0"	
h4(E)	5	#6	13'-8"	
h5(E)	24	#5	7'-3"	
h6(E)	28	#5	12'-8"	
h7(E)	20	#5	12'-9"	
n1(E)	16	#6	16'-10"	
n2(E)	8	#6	8'-5"	
n3(E)	16	#6	15'-8"	
n4(E)	8	#6	7'-10"	
n5(E)	4	#5	3'-6"	
p1(E)	7	#7	16'-6"	
p2(E)	28	#7	30'-0"	
p3(E)	7	#7	15'-2"	
p4(E)	20	#5	30'-0"	
p5(E)	10	#5	10'-0"	
p6(E)	6	#5	32'-3"	
p7(E)	6	#5	22'-8"	
p8(E)	24	#6	12'-8"	
s1(E)	70	#4	17'-5"	
s2(E)	28	#4	9'-5"	
u1(E)	14	#5	9'-9"	
u2(E)	56	#4	8'-9"	
v1(E)	75	#5	4'-5"	
v2(E)	79	#4	3'-11"	
v3(E)	79	#6	7'-8"	
v4(E)	75	#6	6'-3"	
v5(E)	8	#6	6'-8"	
v6(E)	32	#6	7'-4"	
v7(E)	40	#5	6'-8"	

For details of Bar Splicers, see sheet SB-42.
For details of piles, see sheet SB-45.

SOUTH ABUTMENT BILL OF MATERIALS

Item	Unit	Total
Concrete Structures	Cu. Yd.	95.0
Reinforcement Bars, Epoxy Coated	Pound	10,960
Furnishing Metal Shell Piles 14"x0.250"	Foot	870
Driving Piles	Foot	870
Test Pile Metal Shells	Each	1
Structure Excavation	Cu. Yd.	174.0
Concrete Sealer	Sq. Ft.	618

NOTES:

1. Bars indicated thus 5x3-#5 etc. indicates 5 lines with 3 lengths per line.
2. E.F. indicates each face.
3. The exposed end of v1(E) bars are to be protected. The unused half of the abutment bar splicers to be incorporated into the approach slab are to be stored by the Contractor at a location as directed by the Engineer.