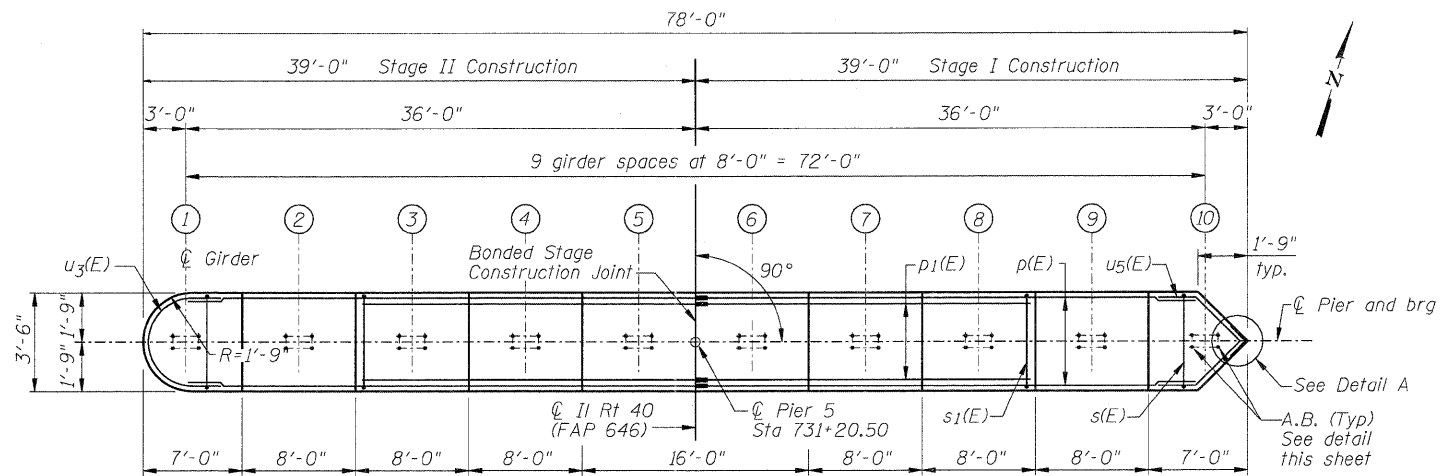


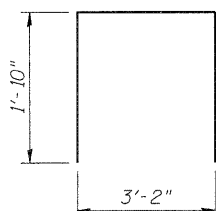
**A.B. LAYOUT DETAIL**

**MIN. BAR LAP**

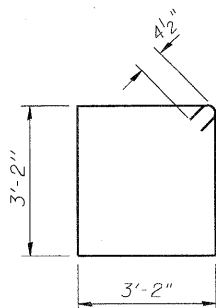
#7 Bar = 5'-2"



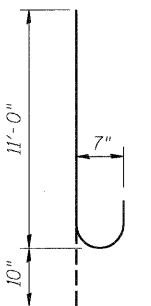
**TOP PLAN**



**BAR s1(E)**



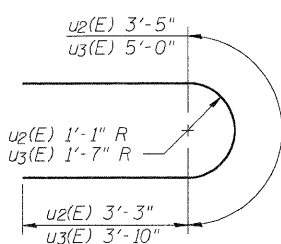
**BAR s(E)**



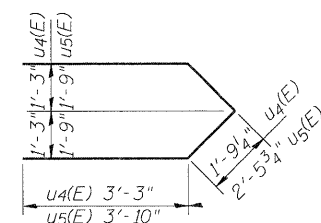
**BAR n2(E)**

**BILL OF MATERIAL**

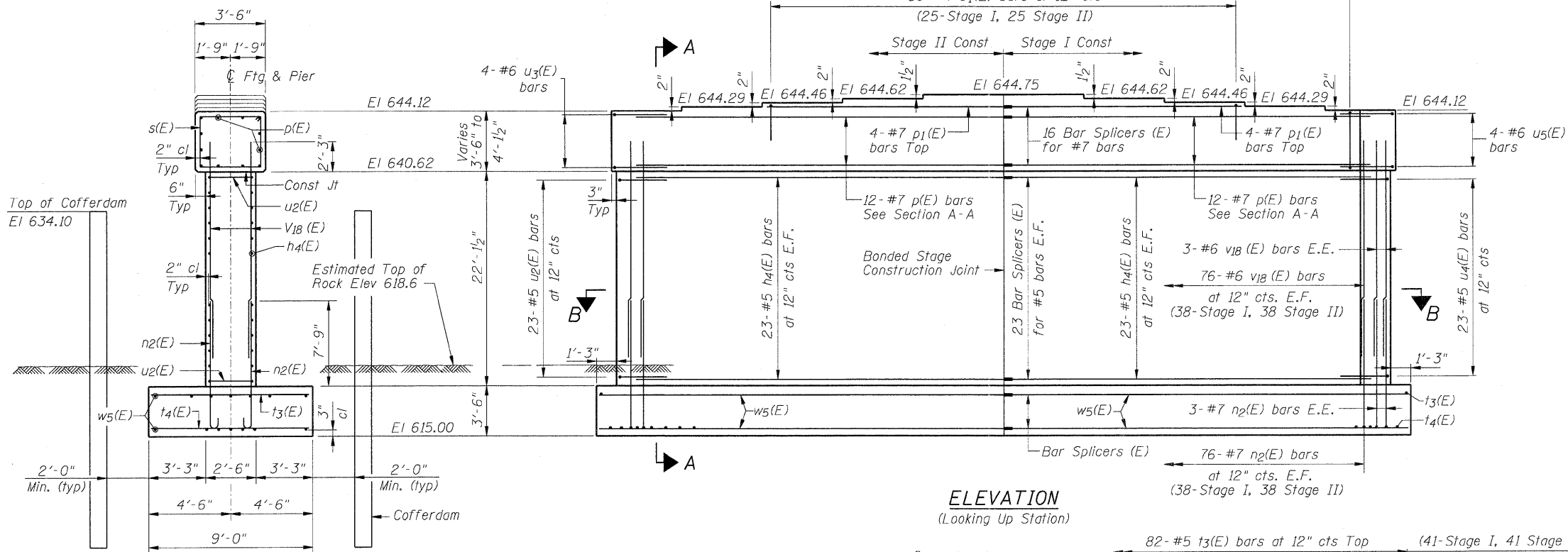
Bar	No.	Size	Length	Shape
h4(E)	92	#5	36'-9"	—
n2(E)	158	#7	11'-10"	U
p(E)	24	#7	37'-0"	—
p1(E)	8	#7	23'-9"	—
s(E)	76	#4	13'-5"	□
s1(E)	50	#4	6'-10"	□
t3(E)	82	#5	8'-8"	—
t4(E)	82	#6	8'-8"	—
u2(E)	23	#5	9'-11"	U
u3(E)	4	#6	12'-8"	U
u4(E)	23	#5	10'-1"	U
u5(E)	4	#6	12'-8"	U
v18(E)	158	#6	21'-10"	—
w5(E)	40	#6	39'-9"	—
Cofferdam Excavation		Cu. Yd.	12	
Cofferdam (Location-6)		Each	1	
Rock Excavation for Structures		Cu. Yd.	95	
Concrete Structures		Cu. Yd.	290.6	
Reinforcement Bars, Epoxy Coated		Pound	20470	



**BARS u2(E) & u3(E)**



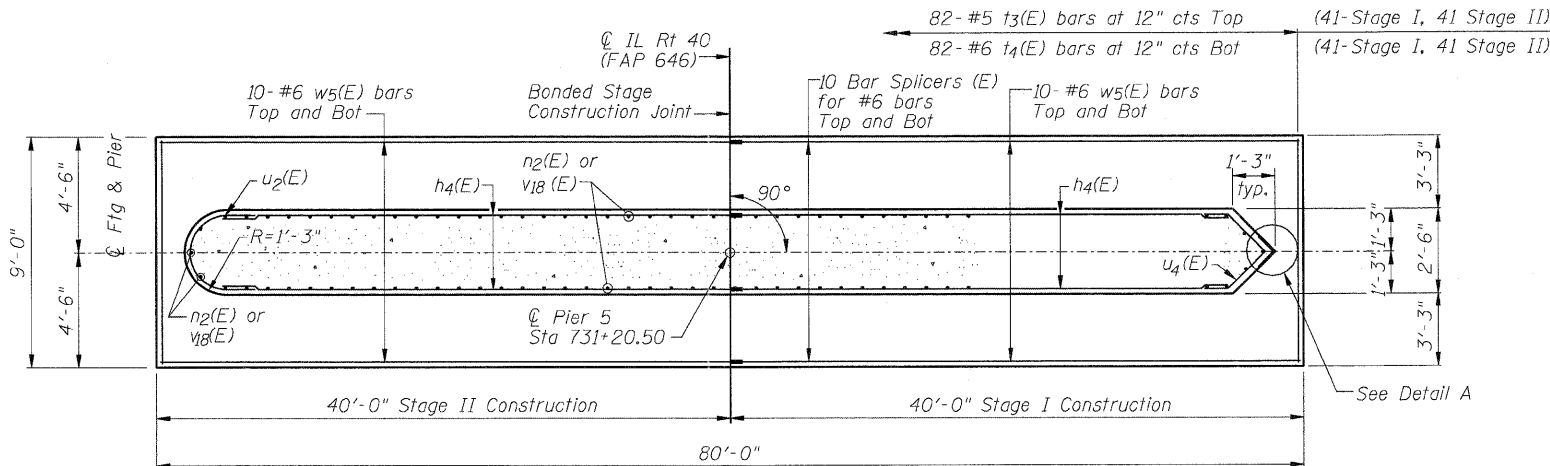
**BARS u4(E) & u5(E)**



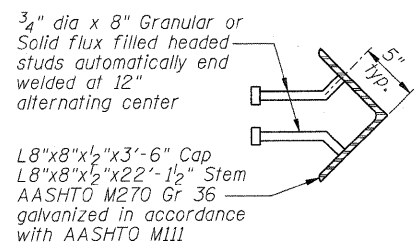
**ELEVATION**

(Looking Up Station)

**SECTION A-A**



**SECTION B-B**



**DETAIL A**

(Cost included with Concrete Structures)

**NOTES**

- Pour steps monolithically with cap.
- For details of Bar Splicers, see sheet 82 of 103.
- All edges shall have standard 3/4" chamfer.
- Space reinforcement in cap to miss anchor bolts.
- Final design and dimensioning of cofferdams are the responsibility of the contractor.
- Allowable Bearing Resistance,  $Q_a = 10 \text{ ksf}$
- Maximum Applied Service Bearing Pressure,  $Q_{max} = 8.84 \text{ ksf}$