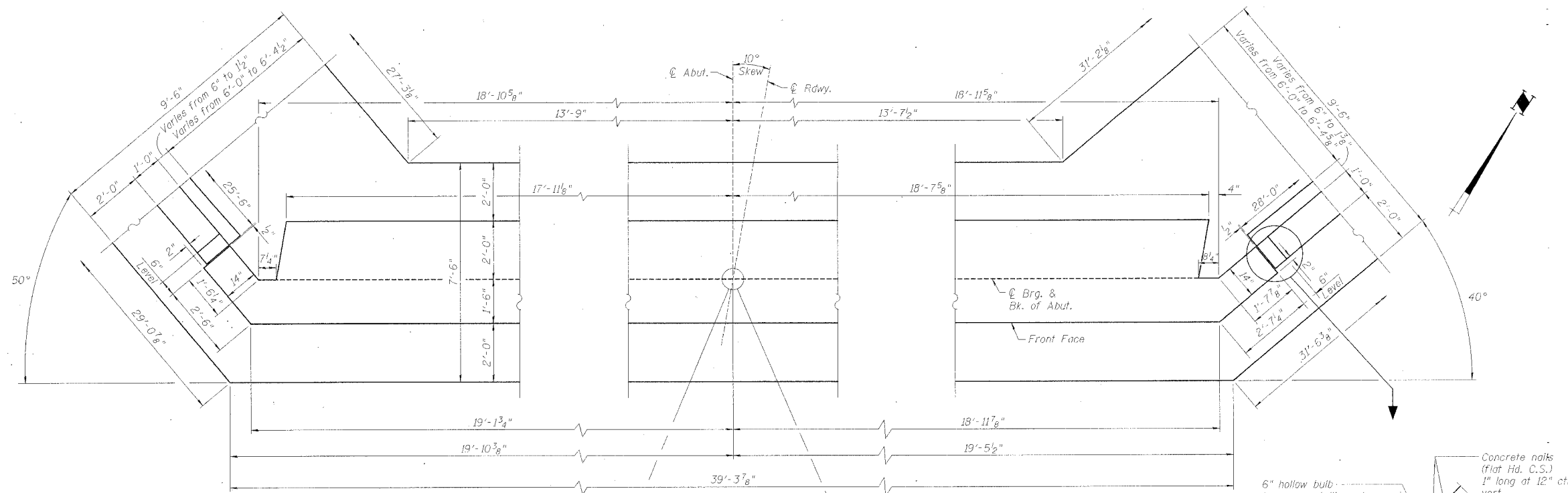
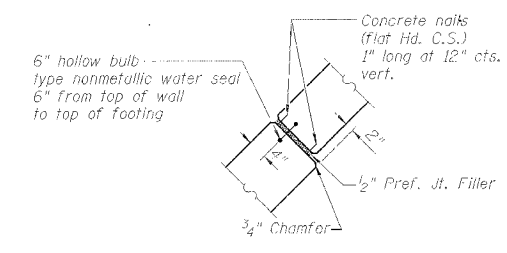


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.L.				
F.A.	01-00282-00-BR	LEE	51	27
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

STRUCTURAL SHEET 13 OF 15

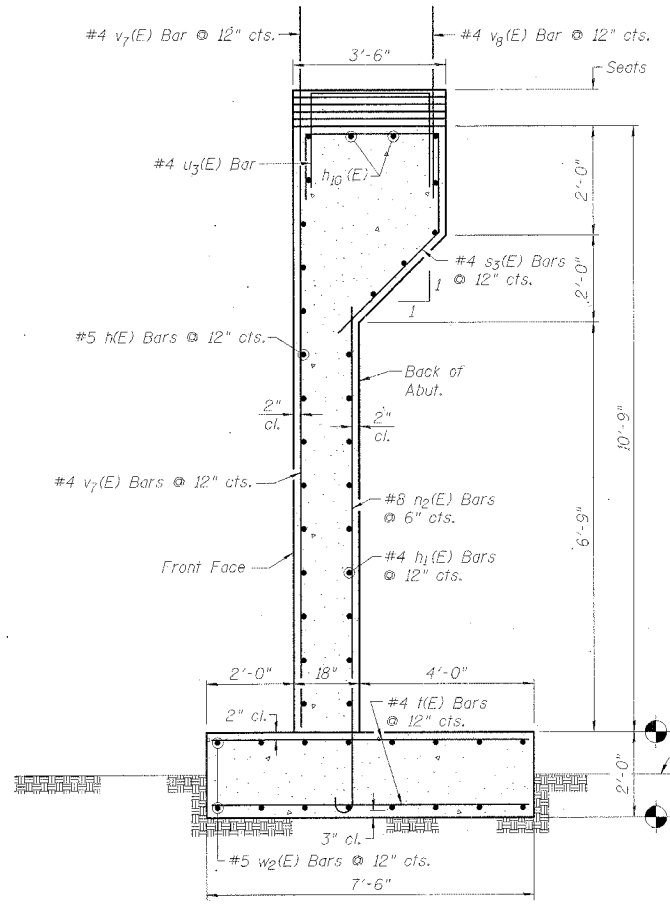


Centerline of Bridge of North Abut. Sta. 20+53.25
CORNER DETAILS
 Back of North Abut. Sta. 20+53.25

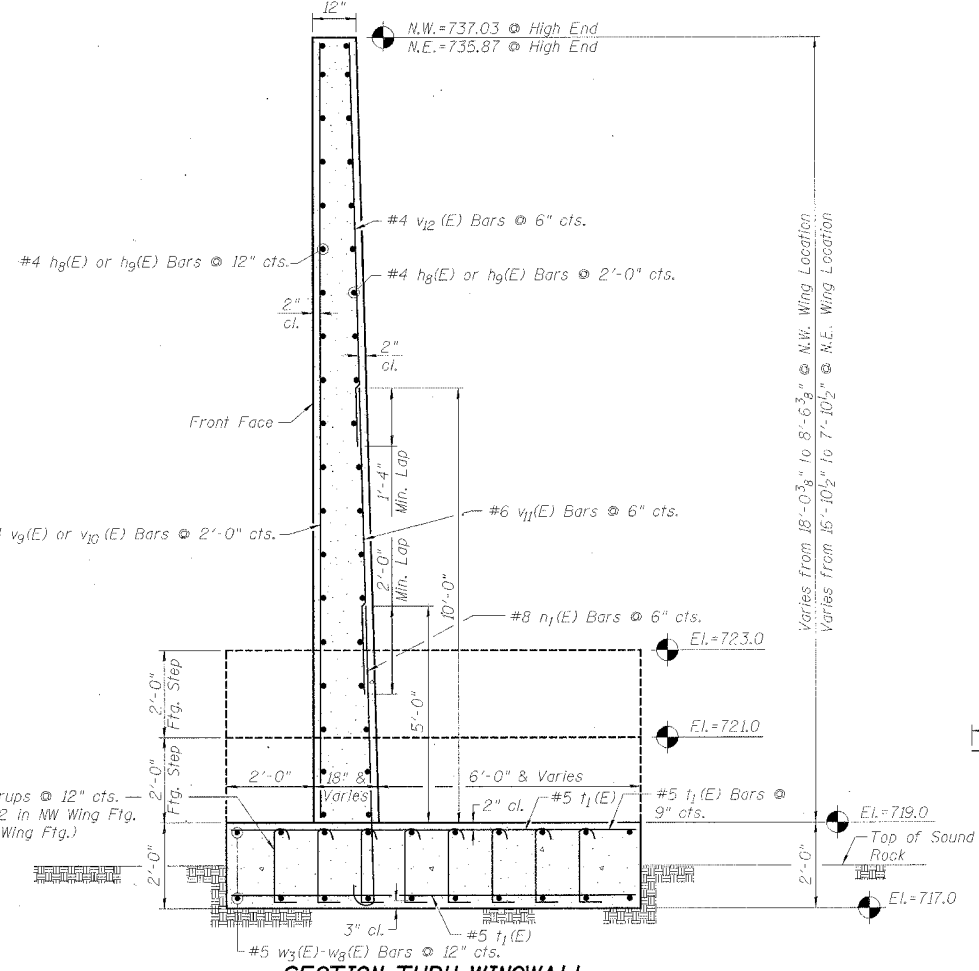


BILL OF MATERIAL-N. ABUT.

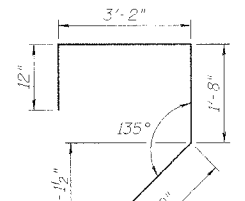
Bar	No.	Size	Length	Shape
n(E)	12	#5	42'-6"	
h ₁ (E)	13	#4	40'-8"	
h ₂ (E)	29	#4	25'-2"	
h ₃ (E)	27	#4	27'-8"	
h ₃ (E)	2	#4	36'-6"	
n ₁ (F)	109	#8	7'-8"	
n ₂ (E)	82	#8	9'-10"	
s ₂ (E)	480	#4	2'-6"	
s ₃ (E)	37	#4	8'-10"	
t(E)	78	#4	7'-2"	
t ₁ (E)	187	#5	9'-2"	
u ₃ (E)	30	#4	6'-2"	
v ₂ (E)	8	#6	14'-0"	
v ₇ (E)	45	#4	16'-6"	
v ₈ (E)	37	#4	6'-9"	
v ₉ (E)	13	#4	17'-10"	
v ₁₀ (E)	15	#4	16'-6"	
v ₁₁ (E)	98	#6	7'-0"	
v ₁₂ (E)	51	#4	9'-4"	
w ₂ (E)	16	#5	39'-0"	
w ₃ (E)	20	#5	9'-0"	
w ₄ (E)	20	#5	9'-10"	
w ₅ (E)	20	#5	10'-0"	
w ₆ (E)	20	#5	15'-0"	
w ₇ (E)	20	#5	10'-10"	
w ₈ (E)	20	#5	13'-10"	
z(E)	80	#5	6'-0"	
Structure Excavation			Cu. Yd.	138
Rock Excavation for Structures			Cu. Yd.	30
Reinforcement Bars, Epoxy Coated			Lbs.	14650
Concrete Structures			Cu. Yd.	126.5
Porous Granular Backfill			Cu. Yd.	48



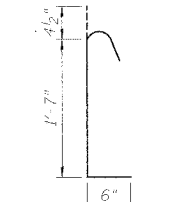
SECTION THRU ABUTMENT
 @ Rt. 4's



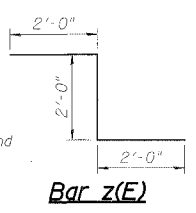
SECTION THRU WINGWALL
 @ Rt. 4's



Bar s₃(E)



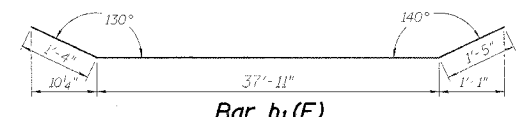
Bar s₂(E)



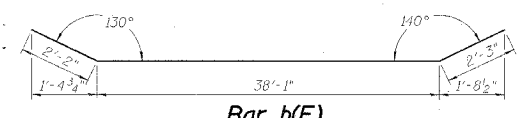
Bar z(E)



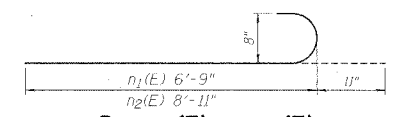
Bar u₃(E)



Bar h₁(E)



Bar h₂(E)



Bar n₁(E) or n₂(E)

NORTH ABUTMENT DETAILS
 SECTION 01-00282-00-BR
 ROCKYFORD ROAD OVER GREEN RIVER
 STA. 20+00 (S.N. 052-3512)
 LEE COUNTY
 WHA # 1154003