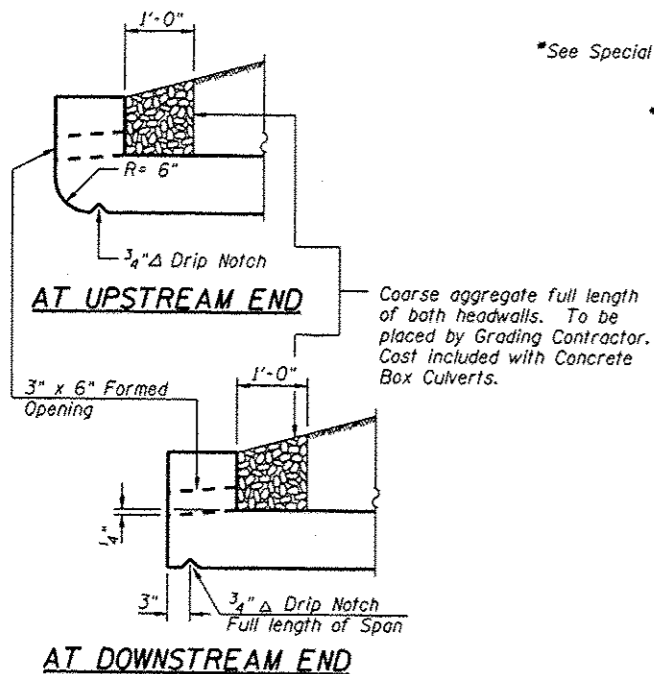


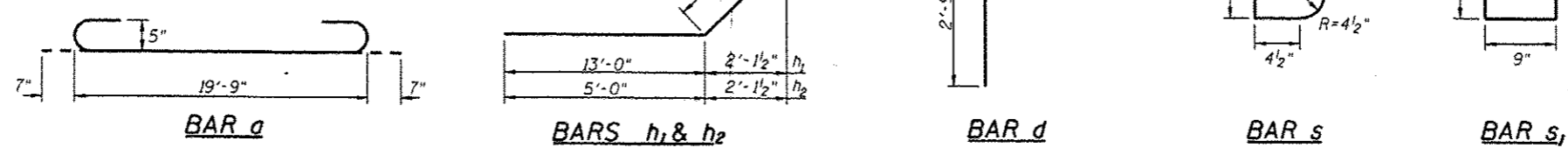
Note: Notch by rough-finished board attached to and removed with formwork, each interior wall. (Do not chamfer)

PHOEBE NESTING SITE DETAIL
(Downstream End Only - Cost included with Concrete Box Culverts)



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	230	#5	20'-11"	⊔
a ₁	152	#7	11'-2"	⊔
a ₂	66	#4	7'-1"	⊔
d	40	#4	4'-6"	⊔
h	186	#5	32'-9"	⊔
h ₁	72	#7	16'-0"	⊔
h ₂	52	#7	8'-0"	⊔
h ₃	18	#6	20'-4"	⊔
s	20	#4	4'-7"	⊔
s ₁	20	#4	4'-9"	⊔
v	199	#5	8'-0"	⊔
v ₁	199	#5	3'-1"	⊔
v ₂	16	#4	12'-3"	⊔
Concrete Box Culverts			CU YD	151.3
Reinforcement Bars			POUND	21,580



CULVERT DETAILS
KNOX COUNTY
SECTION 12-00001-01-RS
C.H. 4 OVER WALNUT CREEK TRIBUTARY

SHEET NO. 3 5 SHEETS	ROUTE NO. CH 4	SECTION 12-00001-01-RS	COUNTY KNOX	TOTAL SHEETS 174	SHEET NO. 78
	S.N. 048-5038		CONTRACT NO. 89614		
FED. ROAD DIST. NO. 7 ILLINOIS			FED. AID PROJECT RS-0393(105)		