



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	652	#5	7'-10"	
a1	84	#4	6'-8"	
d	14	#4	4'-6"	
h	186	#5	28'-7"	
h1	24	#4	8'-0"	
h2	24	#4	8'-6"	
h3	4	#6	6'-8"	
v	332	#5	3'-11"	
v1	16	#4	6'-9"	
Concrete Box Culverts			Cu. Yd.	74.7
Reinforcement Bars			Pound	13030

SECTION THRU HEADWALL
(Up Stream End Only)

NOTES
A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
Bars indicated thus 7 x 6-#5 etc. indicates 7 lines of bars with 6 lengths per line.