



Coarse aggregate full length of both headwalls. To be placed by Grading Contractor. Cost included with Concrete Box Culverts.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	66	#6	13'-4"	
a3	22	#5	12'-0"	
d	26	#4	4'-6"	
d1	112	#4	1'-0"	
h	120	#4	5'-9"	
h1	28	#4	8'-0"	
h2	32	#4	8'-6"	
h3	10	#6	11'-2"	
v	80	#4	3'-9"	
v1	16	#4	7'-0"	
Concrete Box Culverts			Cu. Yd.	12.5
Reinforcement Bars			Pound	2990

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.