

EARTHWORK SCHEDULE

LOCATION			EARTH EXCAVATION	REMOVAL OF UNSUITABLE MATERIAL	EMBANKMENT	EXCAVATION TO BE USED IN EMBANKMENT (ADJ. FOR SHRINKAGE) 20%	EARTHWORK BALANCE** EXCESS (+) SHORTAGE (-)
STATION	TO	STATION	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
NIEMANVILLE TRAIL (AREA WITHIN R.O.W.)							
1+00.00	-	1+75.67	316	11	425	253	-172
2+21.00	-	4+00.00	1028	35	1046	822	-224
AREA OUTSIDE OF R.O.W (DAM AND SPILLWAY GRADING)							
1+00.00	-	4+50.00	262		5370	210	-5160
EARTH ON ROADWAY							
1+00.00	-	1+75.67	810			648	648
STRUCTURE EXCAVATION				565			
EMBANKMENT BELOW STRUCTURE					250		-250
COFFERDAM EXCAVATION				300			
TOTAL			2416	911	7091	1933	-5158

CONTROLLED LOW STRENGTH MATERIAL SCHEDULE

STATION / LOCATION	AREA	THICKNESS	CONTROLLED LOW STRENGTH MATERIAL (MX 2)	CONTROLLED LOW STRENGTH MATERIAL (MX 3)
	(SQ FT)	(FOOT)	(CU YD)	(CU YD)
NIEMANVILLE TRAIL				
SPILLWAY STILLING BASIN	1713.9	0.33	21.2	
SPILLWAY CHUTE	1571.5	0.33	19.4	
SPILLWAY WEIR	1905.0	0.33	23.5	
UPSTREAM AREA	20.0	36.00		26.7
DOWNSTREAM AREA	100.0	36.00		133.3
TOTALS			64.1	160.0

RIPRAP SCHEDULE

STATION / LOCATION			LT/RT	STONE DUMPED RIPRAP, CLASS A4	FILTER FABRIC
STATION	TO	STATION		(TON)	(SQ. YD.)
NIEMANVILLE TRAIL					
1+25.67	-	1+90.00	LT	21	28
1+78.00	-	2+18.00	RT	133	178
2+10.94	-	5+51.33	LT	157	210
4+95.69	-	5+13.00	RT	34	45
SPILLWAY WEIR PERIMETER ; 1+98.33			LT	69	91
TOTALS				414	552