

LOCATION	ROCK FILL	POROUS GRANULAR EMBANKMENT	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
	TON	CU YD	SQ YD	CU YD
LOCATION #1	127	10	118	59
LOCATION #2		13	37	17
TOTALS	127	23	155	76

LOCATION	CONCRETE HEADWALL REMOVAL	BOX CULVERT END SECTION CULVERT NO. 1	BOX CULVERT END SECTION CULVERT NO. 2	PRECAST CONCRETE BOX CULVERT 5' X 5'*	PRECAST CONCRETE BOX CULVERT 4' X 4'*
	EACH	EACH	EACH	FOOT	FOOT
LOCATION #1	1	1			47
LOCATION #2	1		1	39	
TOTALS	2	1	1	39	47

\*NOTE: THE DESIGN FILL HEIGHT FOR EACH CULVERT IS 15' AND THE APPLICABLE AASHTO SPEC. FOR EACH CULVERT IS M259.

LOCATION	CONCRETE COLLAR	MANHOLE, TY A 8' DIA. WITH TYPE 8 GRATE	EXPANSION BOLTS 3/4 INCH	REINFORCEMENT BARS
	CU YD	EACH	EACH	POUND
LOCATION #1 - CONCRETE COLLAR	0.9			32
LOCATION #1		1		
LOCATION #2 - CONCRETE COLLAR	2.2		12	38
TOTALS	3.1	1	12	70

TEMPORARY SOIL RETENTION SYSTEM			
	HEIGHT	WIDTH	AREA
	FOOT	FOOT	SQ FT
LOCATION #1	15	VARIES 10 TO 40	375
LOCATION #2	15	VARIES 10 TO 40	345
TOTAL			720


  
**SHEET REVISED**  
**5-28-2010**