

# SCHEDULE OF QUANTITIES

## EARTHWORK

LOCATION	CHANNEL EXCAVATION	EARTH EXCAVATION	STRUCTURE EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	FURNISH EXCAVATION
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
STAGE I: TEMPORARY DETOUR INSTALLATION		445		334	1635	-1301	1301
STAGE II: BRIDGE: SN 023-0034	1020	0	216	927	170	757	0
STAGE III: TEMPORARY DETOUR REMOVAL		1570		1178	105	1073	0
CULVERT 1: SN 023-8065, LEFT		35		26	19	7	0
CULVERT 1: SN 023-8065, RIGHT		35		26	11	15	0
CULVERT 2: SN 023-2018, LEFT		80		60	142	-82	82
CULVERT 2: SN 023-2018, RIGHT		75		56	128	-72	72
CULVERT 3: SN 023-8065, LEFT		34		26	52	-27	27
CULVERT 3: SN 023-8065, RIGHT		26		20	58	-39	39
*125+55.00 LT TO 127+55.00		8		6		6	
*125+55.00 RT TO 127+55.00		8		6		6	
*231+00.00 LT TO 233+00.00		8		6		6	
*231+00.00 RT TO 233+00.00		8		6		6	
*512+80.00 LT TO 514+80.00		8		6		6	
*512+80.00 RT TO 514+80.00		8		6		6	
TOTAL	1020	2348	216				1521

## TOPSOIL EXCAVATION AND PLACEMENT (21101505)

O/S	STATION	TO	STATION	CU YD
LT	414+50		423+00	615.0
TOTAL =				615.0

## EXPLORATION TRENCH 52" DEPTH (21301052)

STATION	TO STATION	LENGTH (FT)
<b>(CULVERT #1)</b>		
126+00.00 (LT)	127+00.00 (LT)	100.0
126+00.00 (RT)	127+00.00 (RT)	100.0
<b>(CULVERT #2)</b>		
231+50.00 (LT)	232+50.00 (LT)	100.0
231+50.00 (RT)	232+50.00 (RT)	100.0
<b>(CULVERT #3)</b>		
513+30.00 (LT)	514+30.00 (LT)	100.0
513+30.00 (RT)	514+30.00 (RT)	100.0
TOTAL =		600.0

**NOTES:**

SHRINKAGE FACTORS  
EARTH AND CHANNEL EXCAVATION --25%

81.0 CU. YDS. OF EXCAVATION FROM THE CULVERT LOCATIONS IS UNSUITABLE MATERIAL FOR EMBANKMENT AND IS INCLUDED IN THE COST OF STONE RIPRAP, CLASS A1. THIS MATERIAL IS NOT INCLUDED IN THE EARTHWORK QUANTITIES SHOWN ABOVE.

\* EXCAVATION FOR AGGREGATE SHOULDERS AT THESE LOCATIONS ARE NOT CALCULATED WITH THE CROSS SECTIONS. THIS EXCAVATED EARTH WILL BE ADDED TO THE FINAL CROSS SECTION VOLUMES FOR THE EARTHWORK BALANCE/WASTE CALCULATIONS.

**BOX CULVERT SCHEDULE**

STATION	(20700220) POROUS GRANULAR EMBANKMENT (CU YDS)	(28100201) STONE RIPRAP, CLASS A1 (TONS)	(50100300) REM EXIST STR. NO. 1 (EACH)	(50100400) REM EXIST STR. NO. 2 (EACH)	(50100500) REM EXIST STR. NO. 3 (EACH)	(54001001) BC END SECTIONS, CULVERT NO. 1 (EACH)	(54001002) BC END SECTIONS, CULVERT NO. 2 (EACH)	(54001003) BC END SECTIONS, CULVERT NO. 3 (EACH)	(54020803) PCBC 8'x3' (M273) (FEET)	(54021204) PCBC 12'x4' (M273) (FEET)
126+55	55.0	27.0	1.0			2.0				38.0
232+00	58.0	60.0		1.0			2.0			91.0
513+80	51.0	39.0			1.0			2.0	91.0	
TOTAL =	164.0	126.0	1.0	1.0	1.0	2.0	2.0	2.0	91.0	129.0