STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

		TOTAL EXCAVATION EARTH AND ROCK		CHANNEL EXCAVATION		EMBANKMENT			
STATION	DIST	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME
	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.
VERMONT ROUTE 100									
11+00		90				0			
	50		169				0		
11+50		93				0			
	50		172				0		
12+00		93				0			
	50		232				0	CUT	1254
12+50		158				0		ROCK	0
	50		245				0	R.FAC	0.495
13+00		106				0		FILL	0
	50		226				0	F.FAC	1.15
13+50		138				0		EX. C	1254
	35		179				0		
13+85		138				0			
	13		32				0		
13+98		0				0			
CHANNEL									
2+50		0		28					
	50		10		49				
3+00		11		25				CHAN.	946
	50		34		46			CUT	419
3+50		25		25				ROCK	0
	50		24		168			R.FAC	.495
4+00		1		156				FILL	0
	10		1		58			F.FAC	1.15
4+10		7		157				EX. C	1365
	10		3		51				
4+20		10		122					
	10		5		42				
4+30		16		104					
	10		7		37				
4+40		21		98					
	7		5		25				
4+47		21		98					
					0				
5+09		59		74					
	41		90		113				
5+50		59		74					
	50		111		154				
6+00		61		92					
	50		114		181				
6+50		63		103					
	6		14		23				
6+56		63		103					

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME
	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME	AREA	VOLUME
	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.

SUMMARY AND BALANCES

STATION TO STATION		TOT EXC. EARTH & ROCK C.Y.	ROCK EXCAV C.Y.	EMBANK C.Y.	CHAN EXCAV C.Y.	EXCESSES CUT	EXCESSES FILL	ACUMULATIVE EXCESSES CUT	ACUMULATIVE EXCESSES FILL
JAMAICA STP 013-2(12)									
11+00	13+85	1254	0	0	0	1254		1254	
2+50	6+56	419	0	0	946	1365		2619	
SUB-TOTAL		1673	0	0	946	2619			
TOTAL		1673	0	0	946	2619			

REMARKS

EARTH AND ROCK EXCAVATION	1673
SOLID ROCK EXCAVATION	0
EARTH EXCAVATION	1673
BACKFILL FOR TRENCH EXCAVATION (CB AND PIPES)	
PLANIMETERED FILL	472
LESS FACTORED SOLID ROCK	
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	
NET PLANIMETERED FILL	472
FACTOR	1.15
PLANIMETERED FILL INCLUDING FACTOR	543
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	1673
CHANNEL EXCAVATION	946
UNDERDRAIN EXCAVATION	
STRUCTURE EXCAVATION	598
TRENCH EXCAVATION FOR DRAINAGE	
TRENCH EXCAVATION OF ROCK	
TOTAL MATERIAL AVAILABLE FOR FILL	3217
TOTAL FILL INCLUDING FACTOR	543
TOTAL MATERIAL FOR FILL	3217
BORROW	
EXCESS EXCAVATION	2674

PROJECT NAME: JAMAICA
PROJECT NUMBER: ER STP 013-2(12)

FILE NAME: z12b474ewqty.dgn
PROJECT LEADER: E. ATKINS
DESIGNED BY: M. BRADLEY
EARTHWORKS SHEET

PLOT DATE: 02/27/2015
DRAWN BY: M. BRADLEY
CHECKED BY: E. ATKINS
SHEET 15 OF 48

GREEN INTERNATIONAL AFFILIATES, INC.
CIVIL AND STRUCTURAL ENGINEERS