STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK VOLUME	ROCK EXCAVATION AREA	ROCK EXCAVATION VOLUME	EMBANKMENT AREA	EMBANKMENT VOLUME
	FT.	S.F.	C.Y.	S.F.	C.Y.	S.F.	C.Y.
200+00.00		0.0		0.0		9.3	
200+50.00	50	0.0	0.0	0.0	0.0	8.0	16.0
201+00.00	50	0.0	0.0	0.0	0.0	0.2	7.6
201+50.00	50	0.0	0.0	0.0	0.0	3.7	3.6
202+00.00	50	69.8	64.6	0.0	0.0	0.6	3.9
202+50.00	50	20.4	83.6	0.0	0.0	0.0	0.5
203+08.00		0.0		0.0		0.0	
203+25.00	17	38.5	12.1	0.0	0.0	0.0	0.0
203+50.00	25	76.9	53.4	0.0	0.0	2.1	1.0
204+00.00	50	18.4	88.3	0.0	0.0	0.0	1.9
204+50.00	50	19.2	34.9	0.0	0.0	1.3	1.2
205+00.00	50	26.7	42.6	0.0	0.0	0.0	1.2
205+50.00	50	18.1	41.5	0.0	0.0	0.0	0.0
205+60.00	10	0.0	3.4	0.0	0.0	0.0	0.0

	AREA	VOLUME
	S.F.	C.Y.
CUT		424
ROCK		0
R.FAC		0.495
FILL		37
F.FAC		1.15
EX. C		382

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

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK VOLUME	ROCK EXCAVATION AREA	ROCK EXCAVATION VOLUME	EMBANKMENT AREA	EMBANKMENT 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.	EXCESSES CUT	EXCESSES FILL	ACUMULATIVE EXCESSES CUT	ACUMULATIVE EXCESSES FILL
200+00	202+50	148	0	32	117		117	
203+08	205+60	276	0	5	271		388	
TOTAL		424	0	37				

REMARKS

EARTH AND ROCK EXCAVATION	424	
SOLID ROCK EXCAVATION	0	
EARTH EXCAVATION	424	
PLANIMETERED FILL	37	
LESS FACTORED SOLID ROCK	0	
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0	
NET PLANIMETERED FILL	37	
FACTOR	1.15	
PLANIMETERED FILL INCLUDING FACTOR	43	
MATERIALS AVAILABLE FOR FILLS		
EARTH EXCAVATION	424	
CHANNEL EXCAVATION	550	
UNDERDRAIN EXCAVATION	0	
STRUCTURE EXCAVATION	580	
TOTAL MATERIAL AVAILABLE FOR FILL	1554	
TOTAL FILL INCLUDING FACTOR	43	
TOTAL MATERIAL FOR FILL	1554	
BORROW	0	
EXCESS EXCAVATION (NOT INCL. TEMP. DETOUR REM.)	1512	
EXCAVATION FOR TEMPORARY DETOUR REMOVAL (PAID UNDER 900.645)	2381	
EXCESS EXCAVATION (INCL. TEMP. DETOUR REM.)	3893	

PROJECT NAME: **PLYMOUTH**
PROJECT NUMBER: **ER BRS 0149(5)**

FILE NAME: **z11c330ews.XLS**
PROJECT LEADER: **J. OLUND**
DESIGNED BY: **A. GREENLAW**
EARTHWORKS

PLOT DATE: **08/29/2012**
DRAWN BY: **A. GREENLAW**
CHECKED BY: **T. KELLEY**
SHEET **9** OF **46**