STATE OF VERMONT
AGENCY OF TRANSPORTATION

EARTHWORKS

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA S.F.	TOTAL EXCAVATION EARTH AND ROCK VOLUME C.Y.	ROCK EXCAVATION AREA S.F.	ROCK EXCAVATION VOLUME C.Y.	EMBANKMENT AREA S.F.	EMBANKMENT VOLUME C.Y.	AREA S.F.	VOLUME C.Y.
113+75		0.00							
	25		3						
114+00		6.40							
	50		12						
114+50		6.70							
	50		14						
115+00		8.30							
	50		16						
115+50		9.50							
	50		16						
116+00		7.60						CUT	138
	50		14					ROCK	0
116+50		8.00						R.FAC	.495
	50		15					FILL	0
117+00		7.80						F.FAC	1.15
	50		13					EX. C	138
117+50		6.20							
	50		12						
118+00		6.30							
	50		17						
118+50		11.60							
	29		6						
118+79		0.00							

UNCLASSIFIED CHANNEL EXCAVATION

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA S.F.	TOTAL EXCAVATION EARTH AND ROCK VOLUME C.Y.	ROCK EXCAVATION AREA S.F.	ROCK EXCAVATION VOLUME C.Y.	EMBANKMENT AREA S.F.	EMBANKMENT VOLUME C.Y.	AREA S.F.	VOLUME C.Y.
113+75		0.00							
	25		91						
114+00		196.10							
	50		485						
114+50		328.00							
	50		500						
115+00		212.10							
	50		369						
115+50		186.00							
	50		416						
116+00		262.90						CUT	2986
	50		444					ROCK	0
116+50		216.30						R.FAC	.495
	50		441					FILL	0
117+00		260.10						F.FAC	1.15
	50		241					EX. C	2986
117+50		0.00							
	50		0						
118+00		0.00							
	50		0						
118+50		0.00							
	29		0						
118+79		0.00							

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
113+75	118+79	138			138		138	

UNCLASSIFIED CHANNEL EXCAVATION

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
113+75	118+79	2986			2986		2986	

REMARKS

EARTH AND ROCK EXCAVATION	138
SOLID ROCK EXCAVATION	0
EARTH EXCAVATION	138
PLANIMETERED FILL	0
LESS FACTORED SOLID ROCK	0
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0
NET PLANIMETERED FILL	0
FACTOR	1.15
PLANIMETERED FILL INCLUDING FACTOR	0
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	138
CHANNEL EXCAVATION	2986
UNDERDRAIN EXCAVATION	0
STRUCTURE EXCAVATION	0
TOTAL MATERIAL AVAILABLE FOR FILL	3124
TOTAL FILL INCLUDING FACTOR	0
TOTAL MATERIAL FOR FILL	3124
BORROW	0
EXCESS EXCAVATION	3124

ITEM DETAIL AND DRAINAGE SUMMARY

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE IN/OUT	DITCH IN	DITCH OUT	PIPE ARCH S IN	PIPE ARCH R IN	PIPE ARCH L FT	PIPE D IN	PIPE L FT	ALLOWABLE OPTIONS PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PI TH	PIPE ELBOW NO-DEG	ES EA	CB	PRCD	DEPTH DI	CONC CL B CY	REIN STEEL LBS	DI GRATE TYPE	CHAN ELEV	CRM CY	TR EXCAV EARTH CY	TR EXCAV ROCK CY	COMM EXC CY	UNC CHAN EXC CY	STRUC EXCAV CY	GRAN BKF STRUC CY	GRAN BORR CY	EROS MATT SY	STONE FILL CY	STONE FILL TYPE	MRKR POSTS LT	MRKR POSTS RT	REMARKS

GUARDRAIL

STA.	STA.	LT.	RT.	END TREATMENT	
				--	GID
117+50.38	118+79.35	107			

PROJECT NAME:	WOODSTOCK
PROJECT NUMBER:	ER 0241(40)

TYLIN INTERNATIONAL

FILE NAME: z13c014ewl.dgn	PLOT DATE: 2/4/2015
PROJECT LEADER: D. BRYANT	DRAWN BY: T. KELLEY
DESIGNED BY: T. KELLEY	CHECKED BY: D. BRYANT
EARTHWORKS & ITEM DETAIL SHEET	SHEET 10 OF 27