

EARTHWORK SUMMARY SHEET

		TOTAL EXCAVATION EARTH AND ROCK				ROCK EXCAVATION		EMBANKMENT				TOTAL EXCAVATION EARTH AND ROCK				ROCK EXCAVATION		EMBANKMENT				SUMMARY AND BALANCES						
STATION	DIST FT.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	STATION	DIST FT.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	AREA S.F.	VOLUME C.Y.	STATION TO STATION	TOTAL EXC. EARTH & ROCK C.Y.	ROCK EXCAV. C.Y.	EMBANK. C.Y.	EXCESSES		ACUMULATIVE EXCESSES		
																								CUT	FILL	CUT	FILL	
TH 10										CLEMENT ROAD																		
3+25		17		0		0				20+14		53		0		12												
	25		18	0	0	0					36		71	0	0	16				TH-10	3,326	0	904	2,287		2,287		
3+50		22		0		0				20+50		53		0		12												
	50		88	0	0	0					50		109	0	0	12	CUT	434		CLEMENT ROAD	434	0	29	401		2,688		
4+00		73		0		0				21+00		65		0	1		C. FAC	1.00										
	50		158	0	0	0					50		132	0	0	1	FILL	29		UNCL. CHAN. EXC.	260	0	0	195		2,883		
4+50		98		0		0				21+50		78		0	0		F.FAC	1.15										
	50		178	0	0	0					50		97	0	0	0	EX. C	401		UND. TRENCH EXC.	232	0	0	232		3,115		
5+00		94		0		0				22+00		27		0	0													
	50		173	0	0	1	CUT	1,536			50		25	0	0	0				SEWER TR. EXC.	218	11	0	224		3,339		
5+50		93		0		1	C. FAC	1.00		22+50		0		0	0													
	50		164	0	0	3	FILL	576												WATER TR. EXC.	15	0	0	15		3,354		
6+00		84		0		2	F.FAC	1.15		COLUMN FOOTING			434	0		29												
	50		191	0	0	2	EX. C	874												DRAINAGE TR. EXC.	682	8	0	686		4,040		
6+50		122		0		0				UNCLASSIFIED CHANNEL EXCAV.		260		0	0		CUT	260										
	50		144	0	0	34											C. FAC	0.75		STRUCTURE EXC.	415	0	0	311		4,351		
7+00		34		0		37											EX. C	195										
	50		227	0	0	285														COFFERDAM EXC.	330	30	0	263		4,614		
7+50		211		0		271				UNDERDRAIN TRENCH EXCAV.		232		0	0		CUT	232										
	50		195	0	0	251											C. FAC	1.00										
8+00		0		0		0											EX. C	232										
	50		0	0	0	0														REMARKS								
8+50		0		0		0				SAN. SEWER TRENCH EXCAV.		218		11	0		CUT	218		EARTH AND ROCK EXCAVATION						3,760		
	50		0	0	0	0											C. FAC	1.00		SOLID ROCK EXCAVATION						0		
9+00		0		0		0											ROCK	11		EARTH EXCAVATION						3,760		
	50		0	0	0	0											R. FAC	0.50		PLANIMETERED FILL						933		
9+50		0		0		0											EX. C	224		LESS FACTORED SOLID ROCK						0		
	50		19	0	0	122														LESS DISPLACEMENT OF ANY LARGE STRUCTURES						0		
10+00		20		0		132				WATER TRENCH EXCAVATION		15		0	0		CUT	15		NET PLANIMETERED FILL						933		
	50		130	0	0	122											C. FAC	1.00		FACTOR						1.15		
10+50		120		0		0	CUT	1,500									EX. C	15		PLANIMETERED FILL INCLUDING FACTOR						1,072		
	50		220	0	0	31	C. FAC	1.00																				
11+00		118		0		33	FILL	328		DRAINAGE TRENCH EXCAVATION		682		8	0		CUT	682		MATERIALS AVAILABLE FOR FILLS								
	50		223	0	0	42	F.FAC	1.15									C. FAC	1.00		EARTH EXCAVATION						3,760		
11+50		123		0		12	EX. C	1,123									ROCK	8		UNCLASSIFIED CHANNEL EXCAVATION						195		
	50		250	0	0	11											R. FAC	0.50		UNDERDRAIN TRENCH EXCAVATION						232		
12+00		147		0		0											EX. C	686		SANITARY SEWER TRENCH EXCAVATION OF EARTH						218		
	50		275	0	0	0														SANITARY SEWER TRENCH EXCAVATION OF ROCK						6		
12+50		150		0		0				STRUCTURE EXCAVATION		415		0	0		CUT	415		WATER TRENCH EXCAVATION						15		
	50		218	0	0	0											C. FAC	0.75		DRAINAGE TRENCH EXCAVATION OF EARTH						682		
13+00		85		0		0											EX. C	311		DRAINAGE TRENCH EXCAVATION OF ROCK						4		
	50		165	0	0	0														STRUCTURE EXCAVATION						311		
13+50		93		0		0				COFFERDAM EXCAVATION		330		30	0		CUT	330		COFFERDAM EXCAVATION OF EARTH						237		
	50		158	0	0	0											C. FAC	0.75		COFFERDAM EXCAVATION OF ROCK						26		
14+00		78		0		0	CUT	290									ROCK	30										
	50		102	0	0	0	C. FAC	1.00									R. FAC	0.50		TOTAL MATERIAL AVAILABLE FOR FILL						5,686		
14+50		32		0		0	EX. C	290									EX. C	263										
	50		30	0	0	0														TOTAL FILL INCLUDING FACTOR						1,072		
15+00		0		0		0														TOTAL MATERIAL FOR FILL						5,686		
																				BORROW						0		
COLUMN FOOTING			3,326		0	904				COLUMN FOOTING		2,152		49	0					EXCESS EXCAVATION						4,614		

FILE NAME = W:\P\c\essas\ANY\K2\2015\CADD\MSTN\08\096\ecmsul\antsta\z08\096\essas.dgn
 DATE/TIME = 6/30/2014
 USER = 4916

	EARTHWORK SUMMARY SHEET	PROJECT NAME: RUTLAND CITY PROJECT NUMBER: BRF 3000 (19)	PLOT DATE: 6/30/2014 DRAWN BY: C.R.H.
		PROJECT LEADER: M.D.S. DESIGNED BY: C.R.H. DWG. NO.: ESS	CHECKED BY: D.E.G. SHEET 30 OF 245