EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

V.C.	% GRADE	STATION	ELEVATION * ON TANGENT	ELEVATION * ON CURVES	CORR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.	AREA	CU. YDS.
		42+50	594.72	594.72	0.00		25				0			
80' VC	+0.7000%	42+65	594.90	594.94	+0.04									
						50		124				1		
		42+87	595.06	595.27	+0.21									
		42+90	595.08	595.33	+0.25									
		43+00	595.40	595.54	+0.14		110				1			
		43+10	595.72	595.78	+0.06									
						47		250						
120' VC		43+30	596.36	596.36	0.00							7		
	+3.2000%	43+35	596.52	596.51	−0.01									
		43+45	596.84	596.76	−0.08						7			
												1		
		43+47	596.90	596.80	−0.10		177				7		STOP ROADWAY –	
													BEGIN BRIDGE	
		43+50	597.00	596.86	−0.14									
		43+75	597.80	597.11	−0.69									
		43+90	598.28	597.05	−1.23									
		44+00	597.78	596.93	−0.85									
		44+25	596.53	596.32	−0.21									
	−5.0000%	44+28	596.38	596.21	−0.17		176				0		END BRIDGE –	
												0	RESUME ROADWAY	
		44+29.8	596.29	596.15	−0.14						0			
						22		118				1		
		44+33.6	596.10	596.01	−0.09									
30' VC		44+50	595.28	595.28	0.00		114				2			
												1		
		44+65	594.53	594.56	+0.03									
	−4.2000%	44+67	594.45	594.47	+0.02						0			
						30		100				0		
		44+80	593.93	593.93	0.00		65				0			
		DRIVES												
		43+10 LT	(17' WIDE)				8	5						
		43+35 RT	(10' WIDE)				16	6						
		44+67 LT	(24' WIDE)				26	23						
		44+67 RT	(10' WIDE)				25	9						
		TOTAL												
		ROADWAY						592				11		
		DRIVES						43				0		

* NOTE: ELEVATIONS SHOWN ARE AT CONSTRUCTION CENTERLINE, ROADWAY CROWN LINE VARIES – SEE CROSS SECTIONS.

CARRIED FORWARD
COLUMN FOOTINGS

V.C.	% GRADE	STATION	ELEVATION ON TANGENT	ELEVATION ON CURVES	CORR V.C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.	AREA	CU. YDS.

CARRIED FORWARD
COLUMN FOOTINGS

STATION TO STATION	TOTAL EXCAV EARTH & ROCK	ROCK EXCAV CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL

SHEET NO.	COL. NO.	SUMMARY BY COLUMNS: EXCAVATION TOTAL CY	EXCAVATION ROCK CY	EMBANKMENT CY

REMARKS		
EARTH AND ROCK EXCAVATION		635
SOLID ROCK EXCAVATION		
EARTH EXCAVATION		635
PLANIMETERED FILL (1)		11
LESS FACTORED SOLID ROCK		
LESS GRANULAR BORROW AT APPROACHES		
NET PLANIMETERED FILL		11
FACTOR	0.15	2
PLANIMETERED FILL INCLUDING FACTOR		13
MATERIALS AVAILABLE FOR FILLS		
EARTH EXCAVATION		635
CHANNEL EXCAVATION	x 0.60	
UNDERDRAIN EXCAVATION	x 0.75	
STRUCTURE EXCAVATION	x 0.40	380
TOTAL MATERIAL AVAILABLE FOR FILL		1015
TOTAL FILL INCLUDING FACTOR		13
TOTAL MATERIAL FOR FILL		
BORROW		
EXCESS EXCAVATION		1002

PROJECT NAME BARRE CITY
PROJECT NUMBER BRM 6000(13)

BETTIGOLE ANDREWS & CLARK INC.
Consulting Engineers

BA&C NO. 2038BEAR
DATE: 12/98

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