EARTHWORKS

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT		TOTALS	
STATION	DIST	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.
I-89									
212+80.00		0.00				0.00			
213+00.00	20	251.92	93.3			1.29	.5		
213+50.00	50	250.00	464.7			1.34	2.4		
214+08.30	58.3	254.02	544.2			89.47	98.0		
CULVERT EXCAVATION (BRIDGE QUANTITY)									
								CUT	2115
214+52.30		257.17				67.18		R. CUT	0
215+00.00	47.7	254.47	451.9			1.58	60.7	FILL	164
215+50.00	50	250.79	467.8			.44	1.9	FAC	1.15
215+70.00	20	0.00	92.9			0.00	.2	EXC	1926

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

		TOTAL EXCAVATION EARTH AND ROCK		ROCK EXCAVATION		EMBANKMENT			
STATION	DIST	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.	AREA	CU. YDS.

REMARKS	
EARTH AND ROCK EXCAVATION	2115
SOLID ROCK EXCAVATION	0
EARTH EXCAVATION	2115
PLANIMETERED FILL	164
LESS FACTORED SOLID ROCK (FACTOR = 1.3)	0
LESS FACTORED ROCK OVERBREAKAGE (FACTOR = 1.3)	0
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	0
NET PLANIMETERED FILL	164
FACTOR	1.15
PLANIMETERED FILL INCLUDING FACTOR	189
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	2115
CHANNEL EXCAVATION	100
UNDERDRAIN EARTH EXCAVATION	0
UNDERDRAIN ROCK EXCAVATION (FACTORED)	0
STRUCTURE EXCAVATION	3000
TOTAL MATERIAL AVAILABLE FOR FILL	5215
TOTAL FILL INCLUDING FACTOR	189
TOTAL MATERIAL FOR FILL	5215
BORROW	
EXCESS EXCAVATION	5026

Mc FARLAND-JOHNSON, INC

PROJECT NAME: SOUTH BURLINGTON
PROJECT NUMBER: AC IM CULV (9)

FILE NAME: EARTH01.DGN
PROJECT LEADER: LANDRY
DESIGNED BY: MRP
EARTHWORKS SHEET

PLOT DATE: 21-SEP-2007
DRAWN BY: MAL
CHECKED BY: DMB
SHEET 9 OF 63