



BRIDGE QUANTITY SHEET

EARTHWORK SUMMARY

COMMON EXCAVATION (ROADWAY)	m ³	158
PLANIMETERED FILL	m ³	217
FACTOR (1.15)	m ³	33
PLANIMETERED FILL INCLUDING FACTOR	m ³	250
MATERIALS AVAILABLE FOR FILLS		
COMMON EXCAVATION (158 * 1.0)	m ³	158
COFFERDAM EXCAVATION (483 * 0.3)	m ³	145
TOTAL MATERIAL AVAILABLE FOR FILL	m ³	303
TOTAL FILL INCLUDING FACTOR	m ³	250
TOTAL MATERIAL AVAILABLE FOR FILL	m ³	303
BORROW	m ³	---
EXCESS FILL	m ³	53

* NABI = NOT A BID ITEM

TEMPORARY EROSION CONTROL (INCLUDED UNDER EROSION CONTROL)

204.20	TRENCH EXCAVATION OF EARTH	m ³	10
301.35	SUBBASE OF DENSE GRADED CRUSHED STONE	m ³	20
608.25	ALL PURPOSE EXCAVATION RENTAL TYPE I	HR	1
613.10	STONE FILL TYPE I	m ³	10
649.51	GEOTEXTILE FOR SILT FENCE	m ²	120
649.61	GEOTEXTILE FOR FILTER CURTAINS	m ²	80
651.17	SEED WINTER RYE	Kg	5
651.26	HAYBALES FOR EROSION CONTROL	EA	50
654.10	EROSION MATTING	m ²	10

ITEM NO.	ITEM	UNIT	QUANTITY BREAKDOWN										TOTAL	FINAL		
			ROADWAY	CHANNEL	SUPER-STRUCTURE	ABUT. 1	ABUT. 2	EROSION CONTROL								
201.10	CLEARING AND GRUBBING (INCLUDING INDIVIDUAL TREES & SHRUBS)	LS	0.40												0.40	
203.15	COMMON EXCAVATION	m ³	160												160	
203.31	SAND BORROW	m ³	370												370	
203.32	GRANULAR BORROW	m ³	50												50	
204.20	TRENCH EXCAVATION OF EARTH	m ³										10			10	
204.30	GRANULAR BACKFILL FOR STRUCTURES	m ³					130	150							280	
204.40	COFFERDAMS (STA I+330)	LS					1								1	
204.40	COFFERDAMS (STA I+337.5)	LS						1							1	
301.35	SUBBASE DENSE GRADED CRUSHED STONE	m ³	290									20			310	
401.10	AGGREGATE SURFACE COURSE	m ³	170												170	
501.25	CONCRETE, CLASS B	m ³				PRECAST DECK ²⁵	68	53							146	
507.15	REINFORCING STEEL	Kg					4840	3780							8620	
507.17	EPDXY COATED REINFORCING STEEL	Kg					2070	50							2170	
514.10	WATER REPELLENT	L					19	8							36	
525.41	BRIDGE RAILING - HDSB/FASCIA MOUNTED (TYPE D)	m					19.1								19.1	
529.15	REMOVAL OF STRUCTURE (STA I+334)	EA													1	
608.25	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	HR										1			1	
613.10	STONE FILL, TYPE I	m ³										10			10	
613.12	STONE FILL, TYPE III	m ³				160									160	
621.21	HEAVY DUTY STEEL BEAM GUARD RAIL (TYPE IV)	m	78.4												78.4	
621.60	ANCHOR FOR STEEL BEAM GUARD RAIL	EA	4												4	
631.10	FIELD OFFICE-ENGINEERS	LS	0.40												0.40	
631.16	TESTING EQUIPMENT - CONCRETE	LS	0.40												0.40	
631.25	FIELD OFFICE TELEPHONE (NABI)*	LS	0.40												0.40	
635.10	MOBILIZATION	LS	0.40												0.40	
649.31	GEOTEXTILE UNDER STONE FILL	m ²				160									160	
649.51	GEOTEXTILE FOR SILT FENCE	m ²										120			120	
649.61	GEOTEXTILE FOR FILTER CURTAINS	m ²										80			80	
651.15	SEED	Kg										15			15	
651.17	SEED - WINTER RYE	Kg										5			5	
651.18	FERTILIZER	Kg										100			100	
651.20	AGRICULTURAL LIMESTONE	T										1			1	
651.25	HAY MULCH	T										1			1	
651.26	HAY BALES FOR EROSION CONTROL	EA										50			50	
651.35	TOPSOIL	m ³										30			30	
651.40	GRUBBING MATERIAL	m ³				50									50	
654.10	EROSION MATTING	m ²										10			10	

BRIDGE(S) AT STATION(S)	STA. I+330.000	PREPARED BY: M. EVANS-MONGEON	CHECKED BY: R. PELLETT	PROJECT: MENDON	PROJECT NO: TH 3 - 9418
LOCATION(S)	OVER BREWERS BROOK	SUPERVISOR: C. KELLER		BR 43 OF 66	SHEET NO: 43 OF 66