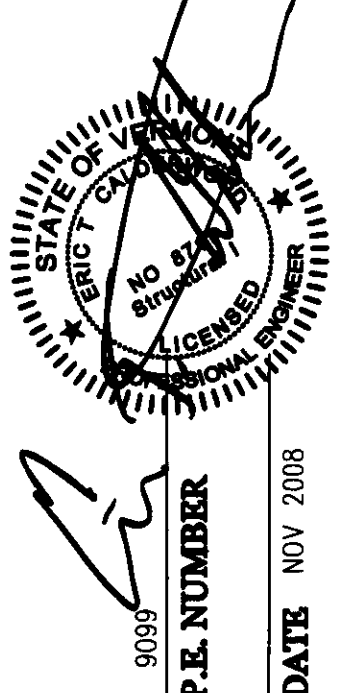


ESTIMATED QUANTITIES FOR BRIDGE NO 16			
ITEM NO	DESCRIPTION	QUANTITY	UNIT
203.27	UNCLASSIFIED CHANNEL EXCAVATION	465	CM
204.30	GRANULAR BACKFILL FOR STRUCTURES	105	CM
208.30	COFFERDAM EXCAVATION (EARTH)	0	CM
208.35	COFFERDAM EXCAVATION (ROCK)	0	CM
208.40	COFFERDAM (ABUT *1)	1	LS
208.40	COFFERDAM (ABUT *2)	1	LS
404.65	EMULSIFIED ASPHALT	25	KG
406.25	BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	45	T
501.33	CONCRETE, HIGH PERFORMANCE CLASS A	70	CM
501.34	CONCRETE, HIGH PERFORMANCE CLASS B	83	CM
503.20	PRE-EXCAVATION OF INTEGRAL ABUTMENT PILES	54	M
504.10	FURNISHING EQUIPMENT FOR PILE DRIVING	1	LS
505.26	STEEL PILING FOR INTEGRAL ABUTMENTS HP 310x110 (HP 12x74)	60	M
505.45	DYNAMIC LOADING TEST	2	EA
506.55	STRUCTURAL STEEL, PLATE GIRDER	23800	KG
507.15	REINFORCING STEEL, PLAIN	0	KG
507.17	REINFORCING STEEL, EPOXY COATED	14,360	KG
507.19	MECHANICAL BAR CONNECTOR	0	EA.
508.15	SHEAR STUDS (648 SHEAR STUDS REQ'D)	1	LS
514.10	WATER REPELLANT SILANE	100	L
516.10	BRIDGE EXPANSION JOINT ASPHALTIC PLUG	15	M
519.20	SHEET MEMBRANE WATERPROOFING, TORCH APPLIED	145	SM
524.11	JOINT SEALER, HOT POURED	0	M
525.44	BRIDGE RAILING GALV. HDSB/FASCIA MOUNTED/STEEL TUBING	49.53	M
527.10	MAINTENANCE OF STRUCTURE AND APPROACHES	1	LS
529.10	REMOVAL OF BRIDGE PAVEMENT	53	SM
529.15	REMOVAL OF STRUCTURE (56 SM EST)	1	LS
531.14	BEARING DEVICE ASSEMBLY, INTEGRAL ABUTMENT	8	EA.
613.10	STONE FILL TYPE I	5	CM
613.12	STONE FILL TYPE III	360	CM

GENERAL CONSTRUCTION NOTES

1. THIS PLANSET IS NOT INTENDED TO BE USED ALONE, BUT IS INTENDED TO BE WORKED WITH THE VAOT PLANS AND CONTRACT DOCUMENTS FOR THE BURKE PROJECT BRZ 1447(15)
2. REPORT ANY DISCREPANCY BETWEEN THESE PLANS AND ACTUAL OBSERVED FIELD CONDITIONS OR ANY OBSERVED DISCREPANCY WITHIN THESE PLANS TO THE VALUE ENGINEERING ENGINEER OF RECORD IMMEDIATELY.
3. DO NOT PROCEED WITH DEPENDENT WORK UNTIL ANY SUCH REPORTED DISCREPANCY IS CORRECTED TO THE SATISFACTION OF THE VALUE ENGINEERING ENGINEER OF RECORD.
4. ESTIMATED QUANTITIES INCLUDE QUANTITIES FOR BRIDGE #16 AND FOR APPROACH SLABS FOR BRIDGE NO.16, ROADWAY, AND BRIDGE NO.17 QUANTITIES ARE NOT INCLUDED AND MAY BE FOUND ON THE ORIGINAL CONTRACT DRAWINGS
5. DYNAMIC LOAD TESTING SHALL BE PERFORMED USING THE REQUIREMENTS OF THE 2006 VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION AS MODIFIED BY THE VTRANS 2006 GENERAL SPECIAL PROVISIONS.

CALDERWOOD ENGINEERING, ETC.
 STRUCTURAL ENGINEERING & DETAILING SERVICES
 222 RIVER ROAD, RICHMOND, ME 04857 PH/FX (207)751-4801
PREPARED FOR AUSTIN CONST., INC
BURKE - VALUE ENGINEERING
PROJ. BRZ 1447 (16)



DESIGN/DETAILED	BY	DATE
CHECKED/REVIEWED	ETC	NOV 08
REVISIONS 1	REVISED PER NOT COMMENTS	JAN 09
REVISIONS 2	NO REVISIONS THIS SET	MAR 09
REVISIONS 3	REVISED ESTIMATED QUANT	APR 09
REVISIONS 4	FIELD CHANGES	

BURKE
VALUE ENGINEERED DESIGN
ESTIMATED QUANTITIES

SHEET NUMBER
E1