EARTHWORK

V.C.	% GRD	STATION	ELEVATION ON TAN.	ELEVATION ON V.C.	CORR. V.C.	DIST.	ITEM 203.15 AREA	ITEM 203.15 CU. YDS.	ITEM 301.15 AREA	ITEM 301.15 CU. YDS.	ITEM 401.10 AREA	ITEM 401.10 CU. YDS.	ITEM 203.30 AREA	ITEM 203.30 CU. YDS.
		BRZ 1442 (2)												
	-2.03%	10+00	502.10											
		10+12	502.08				65		30		11			
						13		31.3		14.1		6.3		
		10+25	502.05				65		30		11			
						10		24.1		11.1		4.1		
		10+35	501.85				65		30		11			
		10+50	501.54											
		10+75	501.03											
		10+81	500.91				50							
						19		35.2						
		11+00	500.53				50		30		11			
						50		64.8		47.2		18.5		
PVC		11+50	499.52	499.52	0		20		21		9			
100' C.V.						50		21.3		19.4		8.3		
		PVI 12+00	498.50	498.88	0.38		3		0		0			
PVT	+1.00%	12+50	499.00	499.00	0		0							
						50		2.8						
						TOTAL =		179.5		92.1		36.2		
						ROUND TO		180		100		40		
	-3.44%	BRZ 1442 (8)												
PVC		11+00	495.10	495.10	0		33		20		10		0	
50' V.C.						50		67.6		64.8		37.0		0.0
PVT		11+50	494.24	494.24	0		40		50		30		0	
	0.00%					50		57.4		76.9		41.7		18.5
		12+00	494.24				22		33		15		20	
						7.85		3.2		9.2		4.4		2.9
		12+07.85	494.24				0		30		15		0	
PVC		12+28.15	494.24				38		30		15		0	
						21.85		30.8		27.5		12.5		4.0
50' V.C.		PVI 12+50	494.24	495.25	0.01		38		38		16		10	
PVT						25								
		12+75	495.38	495.39	0.01			67.6		56.5		25.0		9.3
	+5.6889%					25								
		13+00	496.80				35		23		11		0	
						TOTAL =		226.6		234.9		120.6		34.7
						ROUND TO		230		240		130		40

BRZ 1442(2) EARTHWORK SUMMARY

EMBANKMENT	0	
MATERIAL AVAILABLE FOR FILL:		
COMMON EXCAVATION X 1.00	180	
UNCLASS. CHANNEL EXCAV. X 0.60	60	
STRUCTURE EXCAVATION X 0.60	126	
	366	WASTE

BRZ 1442(8) EARTHWORK SUMMARY

EMBANKMENT	40	
EMBANKMENT X 1.15	46	
MATERIAL AVAILABLE FOR FILL:		
COMMON EXCAVATION X 1.00	150	
UNCLASS. CHANNEL EXCAV. X 0.60	102	
STRUCTURE EXCAVATION X 0.60	96	
EARTH BORROW NEEDED	-46	
	302	WASTE

BRIDGE QUANTITY SHEET

COMPOSITE

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
BRIDGE DIVISION

NO.	ITEM	UNIT	BRZ 1442(2), T.H. 57, BRIDGE 69						BRZ 1442(8), T.H. 24, BRIDGE 60								TOTAL	FINAL
				SUPER-STRUCTURE	SUB-STRUCTURE	ROADWAY	CHANNEL			R.C. BOX	CHANNEL	ROADWAY						
202.20	REMOVAL OF EXISTING SUPERSTRUCTURE	EACH		1													1	
202.25	REMOVAL OF STRUCTURE	EACH										1					1	
203.15	COMMON EXCAVATION	C.Y.				180						230					410	
203.27	UNCLASSIFIED CHANNEL EXCAVATION	C.Y.					100				180						280	
204.25	STRUCTURE EXCAVATION	C.Y.			210					190							400	
204.30	GRANULAR BACKFILL FOR STRUCTURES	C.Y.			100					140							240	
301.15	SUBBASE OF GRAVEL	C.Y.				100						240					340	
401.10	GRAVEL SURFACE COURSE	C.Y.				40						130					170	
501.25	CONCRETE, CLASS B	C.Y.			62					118							180	
507.15	REINFORCING STEEL	LB.			5230					15,170							20,400	
510.20	PRESTRESSED CONCRETE MEMBER S IV-48 (21"x48"x46')	EACH		4													4	
514.10	WATER REPELLENT	GAL.		8	5					26							39	
613.11	STONE FILL, TYPE II	C.Y.					70				130						200	
617.35	BRIDGE RAILING, HEAVY DUTY STEEL BEAM																	
	TYPE C (GALVANIZED)	L.F.								50							50	
	TYPE D (A588)	L.F.		100													100	
621.38	GUARD RAIL, HEAVY DUTY STEEL BEAM, W/WOOD POSTS, TYPE II																	
	(A588 STEEL)	L.F.				158											158	
	(GALVANIZED)	L.F.										176					176	
621.70	ANCHOR FOR STEEL BEAM GUARD RAIL W/STEEL OR WOOD POSTS AT OPENINGS	EACH				2						4					6	
621.77	BREAKAWAY CABLE TERMINAL FOR GUARD RAIL, STEEL BEAM W/WOOD POSTS, TYPE II	EACH				2											2	
635.10	MOBILIZATION	L.S.				0.5						0.5					1	
638.10	ONE-WAY TEMPORARY BRIDGE	L.S.				1											1	
638.12	TEMPORARY FOOT BRIDGE	L.S.										1					1	

BRIDGE (S) AT STATION (S) _____
LOCATION (S) _____

Prepared by: G. SCHELLEY | Checked by: W. LANDESS
SUPERVISOR: R.L. Oakley 12-83

CHESTER
BR ___ OF ___

PROJECT NO. BRZ 1442 (2) & (8)
SHEET NO. 2 OF 32

BR-1