GRADES					EARTHWORK							
% GDE	VERT CUR	STATION	ELEVATION ON TAN.	ELEVATION ON V.C.	CORR. V.C.	DIST.	AREA	CU.YDS.	AREA	CU.YDS.	AREA	CU.YDS.	AREA	CU.YDS.

BRIDGE QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATIO
STRUCTURES DIVISION

ITEM NO.	ITEM	UNIT	QUANTITY BREAKDOWN: SUPER STRUCTURE	PIER	ABUTMENT NO. 1	ABUTMENT NO. 2	APPROACH SLAB NO. 1	APPROACH SLAB NO. 2	MSE WALLS	TOTAL
203.15	COMMON EXCAVATION	CY							1257 ~~1,480~~	1257 ~~1,480~~
203.32	GRANULAR BORROW	CY					3502 ~~3,513~~	1183.5 ~~2,122~~		5702.7 ~~5635~~
204.25	STRUCTURE EXCAVATION	CY							780 ~~230~~	780 ~~230~~
204.30	GRANULAR BACKFILL FOR STRUCTURES	CY			0 ~~3~~	0 ~~3~~				0 ~~6~~
406.25	BITUMINOUS CONCRETE PAVEMENT	TON	655 ~~664~~				15 ✓	15 ✓		955 ~~94~~
501.22	CONCRETE, CLASS A	CY	~~1116.5~~ ~~1130~~						~~40.5~~ ~~24~~	~~1619.5~~ ~~154~~
501.25	CONCRETE CLASS B	CY			141.47	162.51 ~~185~~	55.85 ~~48~~	46.73 ~~48~~		~~446.7~~ ~~403~~
501.60	SILICA-FUME CONCRETE	CY	~~1422~~ ~~18~~							~~1422~~ ~~18~~
505.36	TEMPORARY STEEL SHEET PILING	SF							14405 ~~12,650~~	14405 ~~12,650~~
506.55	STRUCTURAL STEEL (PLATE GIRDER)	LB	168,665 ~~173,100~~							168,665 ~~173,100~~
507.15	REINFORCING STEEL	LB			9906 ~~9,660~~	11015 ~~11,000~~				20921 ~~20,660~~
507.17	EPOXY COATED REINFORCING STEEL	LB	114,590 ~~44,610~~				6963 ~~7,010~~	6983 ~~7,320~~	2505 ~~2,420~~	61,030 ~~61,360~~
508.15	SHEAR CONNECTORS (BR.80) (1530 – 7/8" DIA. x 7" STUDS)	LS	1 ✓							1 ✓
513.25	STRUCTURAL PAINTING – SHOP APPLIED 10 TONS (BR. 80)	LS	1 ✓							1 ✓
513.40	SURFACE PREPARATION "BR. 80"	LS	1 ✓							1 ✓
514.10	WATER REPELLANT	GAL	10.97 ~~9~~		10.97 ~~8~~	13.36 ~~12~~			558.5 ~~5~~	39 ~~35~~
516.10	BRIDGE EXPANSION JOINT	LF	85.78 ~~94~~							85.78 ~~94~~
519.20	SHEET MEMBRANE WATERPROOFING	SY	~~461~~ 462				108 ✓	108 ✓		680 ✓
525.31	BRIDGE RAILING – 2 RAIL GALV. BOX BEAM	LF	227 ~~210~~							827 ~~210~~
526.40	REINFORCED SLOPE (MSE WALLS WITH ASHLAR STONE PANEL FACING)	SF			5163.12 ~~6,310~~	6181.7 ~~6,840~~				11344.82 ~~13,150~~
527.10	MAINTENANCE OF TRAFFIC BRIDGE PROJECTS (BR. 80)	LS	1 ✓							1 ✓
529.15	REMOVAL OF STRUCTURE (BR. 80)	LS	1 ✓							1 ✓
531.10	BEARING DEVICE ASSEMBLY	EA	12 ✓							12 ✓
~~595.25~~	DISPOSAL OF CONTAM. STEEL (BR 80)	LS	1 ✓							1 ✓
613.11	STONEFILL TYPE II	CY			368.7 ~~455~~	291.3 ~~545~~				660 ~~1,000~~
623.21	SETTLEMENT PLATFORM TYPE I	EA			4 ✓	2 ✓				6 ✓
623.23	SETTLEMENT PLATFORM VIBRATING WIRE	EA			2 ✓	2 ✓				4 ✓
623.30	INCLINOMETERS	LF			113 ~~115~~	115				~~228~~ ~~230~~
623.50	GROUNDWATER OBSERVATION WELLS	LF			0 35	35				~~35~~ ~~70~~
623.60	EARTH PRESSURE CELLS	EA			2 ~~3~~	5 ~~4~~			2 ~~6~~	9 ~~10~~
631.16	TESTING EQUIPMENT – CONCRETE	LS			0.20 ✓	0.15 ✓				0.35 ✓
631.18	TESTING EQUIPMENT – PROTECTIVE COATING	LS			0.20 ✓	0.15 ✓				0.35 ✓
649.40	GEOTEXTILE UNDER STONEFILL	SY			654 ~~750~~	539 ~~870~~				~~1193~~ ~~1,620~~
620.75	SNOW BARRIER Co#2 SA Dated 10-24-91	LF	150							150
900.02	To Seal Contact Joints MSE Wall Coping w/ WP-1	EA							1	1

BRIDGE(S) AT STATION(S) STA. 24+81.50 TO STA. 25+91.49
LOCATION(S) U.S. ROUTE 7 OVER RAILROAD

PREPARED BY: G.R.I. CHECKED BY: D.L.L.
SUPERVISOR: E.M.M.

PROJECT: WALLINGFORD PROJECT NO: BRS 0137 (13)
BR202 OF SHEET NO: 62 OF 11