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

BRIDGE QUANTITY SHEET

STATE OF VERMO
AGENCY OF TRANSPO
STRUCTURES DIVI

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						TO
203.15	COMMON EXCAVATION	CY								1257 ~~1,460~~						
203.32	GRANULAR BORROW	CY					3519.2 ~~3,513~~	2183.5 ~~2,122~~								
204.25	STRUCTURE EXCAVATION	CY								280 ~~230~~						
204.30	GRANULAR BACKFILL FOR STRUCTURES	CY			0 ~~3~~	0 ~~3~~										0
406.25	BITUMINOUS CONCRETE PAVEMENT	TON	65.5 ~~64~~				15 ✓	15 ✓								95.5
501.22	CONCRETE, CLASS A	CY	141.63 ~~130~~							40.29 ~~24~~						181.92
501.25	CONCRETE CLASS B	CY			141.49	162.57 ~~165~~	55.85 ~~49~~	46.79 ~~48~~								406.7
501.60	SILICA-FUME CONCRETE	CY	14.22 ~~18~~													14.22
505.36	TEMPORARY STEEL SHEET PILING	SF								14405 ~~12,650~~						
506.55	STRUCTURAL STEEL (PLATE GIRDER)	LB	168,665 ~~173,100~~													
507.15	REINFORCING STEEL	LB			9906 ~~9,660~~	11 015 ~~11,000~~										
507.17	EPOXY COATED REINFORCING STEEL	LB	44599 ~~44,610~~				6963 ~~7,010~~	6963 ~~7,320~~		2505 ~~2,420~~						
508.15	SHEAR CONNECTORS (BR.80) (1530 – 7/8" DIA. x 7" STUDS)	LS	1 ✓													
513.25	STRUCTURAL PAINTING – SHOP APPLIED 10 TONS (BR. 80)	LS	1 ✓													
513.40	SURFACE PREPARATION "BR. 80"	LS	1 ✓													
514.10	WATER REPELLANT	GAL	10.02 ~~9~~		10.02 ~~9~~	13.38 ~~12~~				5.58 ~~5~~						39
516.10	BRIDGE EXPANSION JOINT	LF	85.78 ~~94~~													85.78
519.20	SHEET MEMBRANE WATERPROOFING	SY	464 ~~462~~				108 ✓	108 ✓								
525.31	BRIDGE RAILING – 2 RAIL GALV. BOX BEAM	LF	227 ~~210~~													
526.40	REINFORCED SLOPE (MSE WALLS WITH ASHLAR STONE PANEL FACING)	SF			5163.12 ~~6,310~~	6181.7 ~~6,840~~										
527.10	MAINTENANCE OF TRAFFIC BRIDGE PROJECTS (BR. 80)	LS	1 ✓													
529.15	REMOVAL OF STRUCTURE (BR. 80)	LS	1 ✓													
531.10	BEARING DEVICE ASSEMBLY	EA	12 ✓													
595.25	DISPOSAL OF CONTAM. STEEL (BR 80)	LS	1 ✓													
613.11	STONEFILL TYPE II	CY			308.7 ~~455~~	296.3 ~~545~~										605
623.21	SETTLEMENT PLATFORM TYPE I	EA			4 ✓	2 ✓										
623.23	SETTLEMENT PLATFORM VIBRATING WIRE	EA			2 ✓	2 ✓										
623.30	INCLINOMETERS	LF			113 ~~115~~	89.5 115										202
623.50	GROUNDWATER OBSERVATION WELLS	LF			0 ~~35~~	79.5 ~~35~~										79.5
623.60	EARTH PRESSURE CELLS	EA			2 ~~3~~	5 ~~4~~				2 ~~6~~						9
631.16	TESTING EQUIPMENT – CONCRETE	LS			0.20 ✓	0.15 ✓										
631.18	TESTING EQUIPMENT – PROTECTIVE COATING	LS			0.20 ✓	0.15 ✓										
649.40	GEOTEXTILE UNDER STONEFILL	SY			654 ~~750~~	539 ~~870~~										
620.75	SNOW BARRIER CO#2 SA DATED 10-24-91	LF	150													
900.02	TO SEAL CONST JOINTS MSE WALL COPEING w/ NP-1	EA								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.J.
SUPERVISOR: E.M.M.
PROJECT: WALLINGFORD
BR202 OF
PROJECT NO: BRS 013
SHEET NO: 62 O