BRIDGE QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION
STRUCTURES DIVISION

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.

ITEM NO.	ITEM	UNIT	QUANTITY BREAKDOWN: SUPER STRUCTURE	PIER	ABUTMENT NO. 1	ABUTMENT NO. 2	APPROACH SLAB NO. 1	APPROACH SLAB NO. 2	CHANNEL	TOTAL	FINAL
203.27	UNCLASSIFIED CHANNEL EXCAVATION	CY							112.6 ~~425~~	112.6 ~~425~~	112.6
203.32	GRANULAR BORROW	CY			0 ~~575~~	4599.9 ~~5738~~				4599.9 ~~4,313~~	4599.9
204.25	STRUCTURE EXCAVATION	CY		293 ~~220~~	0 ~~110~~					293 ~~330~~	239.3
204.30	GRANULAR BACKFILL FOR STRUCTURES	CY		206.9 ~~105~~	147.4 ~~40~~					354.5 ~~145~~	354.5
204.40	COFFERDAM (STA. 19+70)	LS		1 ✓						1 ✓	1
406.25	BITUMINOUS CONCRETE PAVEMENT	TON	180.2 ~~158~~							180.2 ~~158~~	180.2
501.22	CONCRETE, CLASS A	CY	317.38 ~~316~~							317.38 ~~316~~	317.38
501.25	CONCRETE CLASS B	CY		203.54 ~~204~~	187.63 ~~186~~	178.27 ~~182~~	35.71 ~~36~~	35.81 ~~36~~		641.96 ~~644~~	641.96
501.60	SILICA-FUME CONCRETE	CY	39.73 ~~38~~							39.73 ~~38~~	39.73
504.10	FURNISHING EQUIPMENT FOR DRIVING PILING	LS		1 ✓						1 ✓	1
505.17	STEEL PILING (HP 14 x 73)	LF		1150.4 ~~890~~						1150.4 ~~890~~	1150.4
505.36	TEMPORARY STEEL SHEET PILING	SF			312 ~~600~~	804 ~~600~~				1246 ~~1200~~	1246
506.55	STRUCTURAL STEEL (PLATE GIRDER)	LB	444034 ~~460,000~~							444034 ~~460,000~~	444034
507.15	REINFORCING STEEL	LB		29521 ~~27,300~~	13095 ~~13,600~~	13403 ~~13,900~~				56818 ~~54,800~~	56818
507.17	EPOXY COATED REINFORCING STEEL	LB	105,726 ~~105,300~~				4739 ~~4,350~~	4738 ~~4,350~~		114,203 ~~114,000~~	114,203
508.15	SHEAR CONNECTORS (BR 79) (2520 - 7/8" DIA. x 7" STUDS)	LS	1 ✓							1 ✓	1
513.25	STRUCTURAL PAINTING - SHOP APPLIED "20 TONS BR 79"	LS	1 ✓							1 ✓	1
513.40	SURFACE PREPARATION (BR 79)	LS	1 ✓							1 ✓	1
514.10	WATER REPELLANT	GAL	22 ✓	46 ~~8~~	9.7 ~~8~~	9.7 ~~8~~				51 ~~49~~	51
516.10	BRIDGE EXPANSION JOINT	LF	81.5 ~~82~~							81.5 ~~82~~	81.5
519.20	SHEET MEMBRANE WATERPROOFING	SY	1114.35 ~~1,280~~				86 ✓	86 ✓		1286.35 ~~1,452~~	1286.35
525.31	BRIDGE RAILING - 2 RAIL GALV. BOX BEAM	LF	575 ~~569~~							575 ~~569~~	575
527.10	MAINTENANCE OF TRAFFIC - BRG. PROJECTS (BR 79)	LS	1 ✓							1 ✓	1
529.15	REMOVAL OF STRUCTURE (BR 79)	EA	1 ✓							1 ✓	1
531.10	BEARING DEVICE ASSEMBLY	EA	18 ✓							18 ✓	18
~~595.25~~	DISPOSAL OF CONTAM. STEEL (BR79)	LS	1 ✓							1 ✓	1
613.11	STONE FILL, TYPE II	CY							227 ~~200~~	227 ~~200~~	227
613.13	STONE FILL, TYPE IV	CY							1377.1 ~~1,325~~	1377.1 ~~1,325~~	1377.1
623.21	SETTLEMENT PLATFORM, TYPE I	EA				3 ✓				3 ✓	3
623.23	SETTLEMENT PLATFORM, VIBRATING WIRE	EA				1 ✓				1 ✓	1
623.30	INCLINOMETER	LF				42 ~~40~~				42 ~~40~~	42
631.16	TESTING EQUIPMENT - CONCRETE	LS	0.20 ✓	0.15 ✓	0.10 ✓	0.10 ✓	0.05 ✓	0.05 ✓		0.65 ✓	0.65
631.18	TESTING EQUIPMENT - PROTECTIVE COATING	LS	0.65 ✓							0.65 ✓	0.65
649.31	GEOTEXTILE UNDER STONE FILL	SY							1091 ~~1,100~~	1091 ~~1,100~~	1091
900.03	EXTRA W/ #3 REVISION OF SHEARING DIAPHRAM DUE TO CHANGE IN GIRDER ELEVATION	EA									1

BRIDGE(S) AT STATION(S) STA. 18+50 TO STA. 21+07.50
LOCATION(S) U.S. ROUTE 7 OVER OTTER CREEK

PREPARED BY: T.J.C. CHECKED BY: D.L.J.
SUPERVISOR: E.M.M.

PROJECT: WALLINGFORD PROJECT NO: BRS 0137 (13)
BR102 OF SHEET NO: 28 OF 116