EARTHWORK

V.C.	% GRD	STATION	GRADES ELEVATION ON TAN.	GRADES 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
DEPARTMENT OF HIGHWAYS
BRIDGE DIVISION

QUANTITY BREAKDOWN

NO.	ITEM	UNIT	Westbound Super-Structure	Eastbound Super-Structure	Abutment Nº 1	Abutment Nº 2	Abutment Nº 3	Abutment Nº 4	Approach Slab Nº 1	Approach Slab Nº 2	Approach Slab Nº 3	Approach Slab Nº 4	Pier Nº 1	Pier Nº 2	Pier Nº 3	Pier Nº 4	TOTAL	FINAL
* 203.32	Granular Borrow (Between Back of Abutments only)	cy.			9740	4550	7670	2780									24,740	
204.25	Structure Excavation	cy.											100	90	140	150	480	
** 404.66	Emulsified Asphalt	gal.	33	28													61	
** 406.25	Bituminous Concrete Pavement	ton	142	119													261	
501.20	Concrete, Class A	cy.	355	297													652	
501.25	Concrete, Class B	cy.			144	112	160	138	31	31	31	31	184	182	177	172	1,393	
504.10	Furnishing Equipment for Driving Piling	l.s.			Req'd	Req'd	Req'd	Req'd					Req'd	Req'd	Req'd	Req'd	1/2	
505.15	Steel Piling (HP12x53)	l.f.			1066	912	775	660					495	363	495	396	5,162	
505.40	Pile Loading Tests	ea.			1	1	1	1									4	
506.91	Structural Steel (Plate Girder)	lb.	248,740	204,510													453,250	
506.99	Bearing Device Assembly, EXP-POT Bearing WB STA. 930+41 & EB STA. 930+94	ea.											5		5		10	
506.99	Bearing Device Assembly, EXP-PTFE Bearing WB STA. 929+60 & 932+03 EB STA. 930+34 & 932+37	ea.			5	5	5	5									20	
506.99	Bearing Device Assembly, FIXED Bearing WB STA. 931+39 & EB STA. 931+87	ea.												5		5	10	
507.15	Reinforcing Steel	lb.	85310	71070	13430	10100	14310	10590	5370	5370	5330	5330	30120	29430	28110	27290	341,160	
508.15 930+81 931+35	Shear Connectors (Westbound - 3730 studs 7/8" ø x 7") (East bound - 3590 studs 7/8" ø x 7")	l.s.	1/2	1/2													1	
514.10	Water Repellent	gal.	14	11	7	4	5	4					16	17	14	14	106	
516.33	Elastomeric Expansion Dam (3" Movement) Sta. 931+08	l.f.	45	45													90	
** 519.20	Sheet Membrane Waterproofing	sy.	1025	859													1,884	
613.10	STONE FILL, TYPE I	cy.	310	240													550	
616.17	Granite Bridge Curb	l.f.	538	466													1,004	
617.30	Bridge Railing - Galvanized Bar Beam	l.f.	556	486													1,042	
** 621.90	Guard Rail, Approach Section, Type I	ea.	2	2													4	
** 621.91	Guard Rail, Approach Section, Type II	ea.	2	2													4	

* Denotes Items Included in Roadway Quantities (Stage I)
** Denotes Items Included in Roadway Quantities (Stage II)

BRIDGE (S) AT STATION (S) WEST BOUND 930+81 EAST BOUND 931+35
LOCATION (S) U.S. RTE. 4 OVER DORR DRIVE

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Checked by: J.B. McCARTHY
SUPERVISOR: F.W. Bolkum

WEST RUTLAND - RUTLAND
BR 502 OF

PROJECT NO. F-EGC-F-020-1(10)
SHEET NO. 92 OF 459