EARTHWORK

VC.	% GRD	STATION	GRADES 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 VERMONT
DEPARTMENT OF HIGHWAYS
BRIDGE DIVISION

NO.	ITEM	UNIT	Appr Slab 1	Abut No 1	Pier No 1	Pier No 2	Pier No 3	Pier No 4	Abut No 2	Appr Slab 2	Super-Structure	NET	OVER-RUN	TOTAL	FINAL
			QUANTITY BREAKDOWN												
107	Structure Excavation	CY		~~46~~ 132	103✓	~~86~~ 77	~~114~~ 109	~~109~~ 131	~~40~~ 37					~~498~~	589
204	Subbase of Crushed Rock (Modified Under Structure)	CY		~~10~~ 60					130✓					~~200~~	190
222	Gravel Backfill	CY		28✓					~~76~~ 77					~~104~~	105
* 318	Tar Emulsion for Bridge Floors	Gal	47							59	500			606	
* 361B	Bituminous Concrete Pavement Mod. Dense Graded (Top Course)	Ton	10							12	122			144	
* 372A	Joint Sealer: Hot Poured	LF									160			160	
* 372C	Joint Sealer - Preformed Type A	LF									150			150	
372-C	Joint Sealer - Preformed Type B	LF									80			80	
401AA	Concrete Class AA (Mod)	CY			44✓	47✓	46✓	~~58~~ 27			~~414~~ 424			~~606~~	612
401B	Concrete Class B (Mod)	CY	40✓	~~66~~ 67	42✓	42✓	56✓	56✓	~~157~~ 102	51✓				~~510~~	516
402	Reinforcing Steel	Lb	~~6230~~ 6205	~~3720~~ 3,715	~~13,710~~ 13,926	~~14,470~~ 14,540	~~16,240~~ 16,610	~~18,400~~ 18,579	~~9160~~ 9,188	~~7830~~ 7,825	~~98,170~~ 97,158			~~187,960~~	187,746
403	Spiral Reinforcement (10380")	LS									1✓		1✓	1	1
404A	Structural Steel	Lb									~~503860~~ 496,775			~~503860~~	496,775
407	Asphaltic Asbestos Coating	SY		5✓	~~23~~ 22	~~24~~ 23	24✓	26✓	7✓					~~109~~	107
501	Furnishing Equipment for Driving Piles	LS												1 (½)✓	1/2
502B	Treated Timber Piling	LF		~~1035~~ 450	~~664~~ 448	~~720~~ 269	~~960~~ 474	~~960~~ 461	~~1961~~ 1333					~~6500~~	3,441
556C	Granite Bridge Curb (Mod)	LF		23✓					58✓		~~755~~ 751			~~836~~	832
572	Bridge Railing	LF									830✓			830✓	830
440	Water Repellant	Gal		~~4½~~ 8	~~8~~ 7½	~~8¼~~ 7¾	~~8½~~ 8	~~9¼~~ 8½	~~8¼~~ 9		~~11½~~ 12			~~86¼~~	60¾
	Cut-offs @ 50% Unit Price	LF		285	302	153	116	464	588						1908

* Roadway Quantities

Stage I Construction

Compiled: AER
Checked: J.J.C.

THIS SHEET FOR REFERANCE ONLY
HARTLAND IM 091-1(36)
I-91 BRIDGE 38
SHEET 46 OF 85

BRIDGE(S) AT STATION(S) U.S. 5 P.O.C. 423+91.94 = N.B.P.O.T. 3368+74.91
LOCATION(S) U.S. Rte. 5 over Interstate I 91

Hartland – Hartford
BR 101 OF 122

PROJECT NO. I 91-1(22) Cont. #2
SHEET NO. 43 OF 220