

ITEM NO.	ITEM	UNIT	SUPERSTRUCTURE, STAIRS AND PIERS	FULL E&C ITEMS	SUBSTRUCTURE/ROADWAY	TOTAL	FINAL	ITEM	NO.	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
								1	PIECES																
QUANTITY BREAKDOWN								ABUTMENT NO. 1																	
201.10	CLEARING AND GRUBBING	LS			1	1		5	59	5	13'-6"	IA501	STR												
203.16	SOLID ROCK EXCAVATION	CY			5	5		6	30	5	12'-6"	IA502	STR												
203.28	EXCAVATION OF SURFACES AND PAVEMENTS	CY			10	10		7	15	6	7'-3"	IA603	IT	4'-6"	2'-9"										
204.20	TRENCH EXCAVATION OF EARTH	CY			40	40		8	15	6	7'-3"	IA604	IT	4'-6"	2'-9"										
204.25	STRUCTURE EXCAVATION	CY			370	370		9	15	6	12'-6"	IA605	STR												
204.30	GRANULAR BACKFILL FOR STRUCTURES	CY			300	300		10	15	6	14'-11"	IA606	STR												
501.25	CONCRETE, CLASS B	CY			160	160		11	15	5	4'-4"	IA507	IT	2'-2"	2'-2"										
502.10	SHORING STRUCTURES (MOD.)	LS			1	1		12	4	14	7'-0"	IA1401	STR												
506.75	STRUCTURAL STEEL	LS			1	1		13																	
507.15	REINFORCING STEEL	LB	10640		10640			14																	
513.30	STRUCTURAL PAINTING, FIELD APPLIED (MOD.)	LS			1	1		15																	
513.36	CONTAINMENT & ENVIRONMENTAL PROTECTION, FIELD	LS			1	1		16																	
514.10	WATER REPELLENT	GAL			25-0	25-0		17																	
522.20	STRUCTURAL LUMBER AND TIMBER - UNTREATED	LS			1	1		18	20	5	19'-6"	W501	STR												
522.25	STRUCTURAL LUMBER AND TIMBER - TREATED (PIERS)	LS			1	1		19	38	5	17'-6"	W502	STR												
522.30	NON-STRUCTURAL LUMBER - UNTREATED (SIDING & SUPPORTS)	LS			1	1		20	26	5	17'-6"	W503	STR												
522.40	STRUCTURAL GLUED LAMINATED TIMBER	LS			1	1		21	19	6	6'-9"	W603	IT	4'-0"	2'-9"										
580.14	REPAIR OF CONCRETE SUBSTRUCTURE SURFACE CLASS II	CF			10-0.53	10-0.53		22	19	6	6'-9"	W604	IT	4'-0"	2'-9"										
580.17	RAPID SETTING CONCRETE REPAIR MATERIAL	CF			10-0.53	10-0.53		23	38	6	12'-6"	W605	STR												
613.11	STONE FILL, TYPE II	CY			50	50		24																	
618.15	BITUMINOUS CONCRETE SIDEWALK (MOD.) (IMPRINTED ASPHALT)	TON			25-0	25-0		25																	
620.50	REMOVING AND RESETTING FENCE	LF			12	12		26	42	5	9'-6"	P502	STR												
624.25	DUCTS, DIRECT BURIAL (PVC)	LF			140	140		27	22	5	19'-6"	P504	STR												
630.10	UNIFORMED TRAFFIC OFFICERS	HR			20-0	20-0		28	24	5	8'-2"	P505	IT	2'-9"	5'-5"										
630.15	FLAGGERS	HR			10-0.69	10-0.69		29	10	5	13'-10"	P507	TI	0'-3"	5'-4"	1'-4"	5'-4"	1'-4"							
631.16	TESTING EQUIPMENT - CONCRETE	LS			1	1		30	42	5	9'-6"	P502	STR												
635.10	MOBILIZATION	LS			1	1		31	14	5	1'-8"	B502	STR												
636.15	UTILITY SYSTEM (MOD)	LS			1	1		32																	
649.51	GEOTEXTILE FOR SILT FENCE	SY			25-03	25-03		33																	
651.15	SEED	LB			5	5		34																	
651.18	FERTILIZER	LB			5	5		35																	
651.20	AGRICULTURAL LIMESTONE	TON			0.025	0.025		36																	
651.25	HAY MULCH	TON			0.05	0.05		37																	
651.26	HAY BALES FOR EROSION CONTROL	EACH			50-62	50-62		38																	
651.35	TOPSOIL	CY			20-24	20-24		39																	
665.18	METAL ROOFING	LS			1	1		40																	
679.15	STREET LIGHTING (MOD.)	LS			1	1		41																	

~ NOTES ~

- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING NO. 18 SHALL CONFORM TO THE REQUIREMENTS OF THE 'SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT', AASHTO M 31 (ASTM A 615-S1). ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE DESIGNATED.
- FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER 'D' OF BENDS AND HOOKS, AND OTHER STANDARD PRACTICE, SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE 'MANUAL OF STANDARD PRACTICE'.
- BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
- ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT 'A' AND 'G' ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
- 'J' DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
- 'H' DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
- WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS 'H' AND 'K' MUST BE SHOWN.
- ▲ DENOTES BARS TO BE CUT IN FIELD.
- DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
- △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
- 'E' IN PREFIX DENOTES EPOXY COATED REINFORCING STEEL.

BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	CROSS SECTIONAL AREA SQ. INCHES	PERIMETER INCHES
#3	.376	.375	.11	1.178
#4	.668	.500	.20	1.571
#5	1.043	.625	.31	1.963
#6	1.502	.750	.44	2.356
#7	2.044	.875	.60	2.749
#8	2.670	1.000	.79	3.142
#9	3.400	1.128	1.00	3.544
#10	4.303	1.270	1.27	3.990
#11	5.313	1.410	1.56	4.430
#14	7.65	1.693	2.25	5.32
#18	13.60	2.257	4.00	7.09

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RECORD COPY REVISIONS
 DR BY JBM
 CHK BY STJ

Town Of **BRIGHTON** Bridge No. _____
 Highway No. _____ Log Sta. _____
 Surv. Sta. _____
BRIGHTON PEDESTRIAN BRIDGE
QUANTITIES & REINFORCING STEEL SCHEDULE
 Designed By **S.T. JAMES** Drawn By **J.D. GEER**
 Checked By **R.H. DURFEE** Date **MAY 2002** Bridge Design Supervisor Date _____
 PROJECT **BRIGHTON** PROJECT NO. **STP BIKE (14)S**
 I.G.C. Info. **z9068def.dgn**
 Bridge Sheet No. **3** Sheet **3** of **14**