

SUMMARY OF QUANTITIES

SCHEDULE OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	BRIDGE X071-20	ROADWAY E000
* 20200100	EARTH EXCAVATION	CU YD	489		489
20400800	FURNISHED EXCAVATION	CU YD	3,085		3,085
* 20700300	POROUS GRANULAR EMBANKMENT, SPECIAL	TON	250	250	
25000200	SEEDING, CLASS 2	ACRE	0.7		0.7
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	3,440		3,440
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,300		1,300
28000300	TEMPORARY DITCH CHECKS	EACH	28		28
28000400	PERIMETER EROSION BARRIER	FOOT	1,870		1,870
28100207	STONE RIPRAP, CLASS A4	TON	970	970	
28200200	FILTER FABRIC	SQ YD	1,065	1,065	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	1,362		1,362
48101200	AGGREGATE SHOULDERS, TYPE B	TON	82		82
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1	
50200100	STRUCTURE EXCAVATION	CU YD	820	820	
50300225	CONCRETE STRUCTURES	CU YD	71.9	71.9	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	122.6	122.6	
50300260	BRIDGE DECK GROOVING	SQ YD	436	436	
50300300	PROTECTIVE COAT	SQ YD	436	436	
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	1	
50500505	STUD SHEAR CONNECTORS	EACH	1,812	1,812	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	36,680	36,680	
Δ 50900205	STEEL RAILING, TYPE S1	FOOT	328	328	
51200957	FURNISHING METAL SHELL PILES 12" X 0.250"	FOOT	1,031	1,031	
51202305	DRIVING PILES	FOOT	1,031	1,031	
51203200	TEST PILE METAL SHELLS	EACH	2	2	
51500100	NAME PLATES	EACH	1	1	
* 54205053	PIPE CULVERTS, SPECIAL 18"	FOOT	176		176
* 54205059	PIPE CULVERTS, SPECIAL 24"	FOOT	65		65
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	68	68	
* 60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	116	116	
Δ 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4		4
Δ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4		4
* 67100100	MOBILIZATION	L SUM	1		1
* 70103700	TRAFFIC CONTROL COMPLETE	L SUM	1		1
Δ 78200405	GUARDRAIL MARKERS	EACH	22		22
Δ 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4

* DENOTES SEE SPECIAL PROVISIONS

Δ SPECIALTY ITEMS

EARTHWORK					
	EARTH EXCAVATION	STRUCTURE EXCAVATION 50%	TOTAL EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)
LOCATION	CU YD		CU YD	CU YD	CU YD
STA 15+30 TO STA 19+16.67	146		110	1,423	-1,313
STA 19+16.67 TO STA 20+80.33		410	308	0	+308
STA 20+80.33 TO STA 26+00	343		257	2,337	-2,080

TOTALS
EARTH EXCAVATION = 489 C.Y.
FURNISHED EXCAVATION = 3,085 C.Y.

SEEDING, CLASS 2 - 25000200			
STATION	TO	STATION	ACRE
16+00		19+11.67	0.3
20+80.33		26+00	0.4
TOTAL			0.7

HEAVY DUTY EROSION CONTROL BLANKET - 25100635			
STATION	TO	STATION	SQ YD
16+00		19+11.67	1,520
20+80.33		26+00	1,920
TOTAL			3,440

TEMPORARY EROSION CONTROL SEEDING - 28000250			
STATION	TO	STATION	POUND
16+00		19+11.67	515
20+80.33		26+00	685
TOTAL			1,200

TEMPORARY DITCH CHECKS - 28000300			
STATION	TO	STATION	EACH
16+52 LT & RT		19+00 LT & RT	12
21+00 LT & RT		24+50 LT & RT	16
TOTAL			28

PERIMETER EROSION BARRIER - 28000400			
STATION	TO	STATION	FOOT
15+30 LT		19+16.67 LT	510
21.00 LT		26+00 LT	500
15+30 RT		18+70 RT	330
20+85.33 RT		26+00 RT	530
TOTAL			1,870

AGGREGATE SURFACE COURSE, TYPE B - 40200800			
STATION	TO	STATION	TON
15+30 LT		19+14.58 LT	263
15+30 RT		19+16.67 RT	267
20+80.33 LT		26+00 LT	367
20+82.42 RT		26+00 RT	330
ENT 18+30 RT			65
ENT 22+83 LT			35
ENT 23+43 LT			35
TOTAL			1,362

AGGREGATE SHOULDERS, TYPE B - 48101200			
STATION	TO	STATION	TON
18+18.50 LT & RT		19+16.67 LT & RT	41
20+80.33 LT & RT		21+78.50 LT & RT	41
TOTAL			82

PIPE CULVERTS, SPECIAL 18" - 54205053			
STATION	TO	STATION	FOOT
21+00 LT		22+00 LT	100
22+83 LT			40
23+43 LT			36
TOTAL			176

PIPE CULVERTS, SPECIAL 24" - 54205059			
STATION	TO	STATION	FOOT
18+05 RT		18+70 RT	65
TOTAL			65

TRAFFIC BARRIER TERMINAL, TYPE 5A - 63100075			
STATION	TO	STATION	EACH
ALL FOUR BRIDGE QUADRANTS			4
TOTAL			4

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT - 63100167			
STATION	TO	STATION	EACH
18+53.42 LT & RT		19+03.42 LT & RT	2
20+93.58 LT & RT		21+43.58 LT & RT	2
TOTAL			4

MOBILIZATION - 67100100			
STATION	TO	STATION	L SUM
THROUGHOUT PROJECT			1
TOTAL			1

TRAFFIC CONTROL COMPLETE - 70103700			
STATION	TO	STATION	L SUM
THROUGHOUT PROJECT			1
TOTAL			1

GUARDRAIL MARKERS - 78200405			
STATION	TO	STATION	EACH
18+54		21+42	22
TOTAL			22

TERMINAL MARKER - DIRECT APPLIED 78201000			
STATION	TO	STATION	EACH
18+53.42 LT			1
18+53.42 RT			1
21+43.58 LT			1
21+43.58 RT			1
TOTAL			4

NOTE:
ASSUMED 50% OF STRUCTURE EXCAVATION (410 CU YD) IS GOOD FOR EMBANKMENT.
THUS 410 CU YD AT 75.0% FOR SHRINKAGE (308 CU YD) CAN BE USED. MATERIAL THAT IS NOT SUITABLE TO USE SHALL BE HAULED AWAY AT NO COST.

SECTION 03-26140-00-BR
SECTION 03-21117-00-BR
LIVINGSTON COUNTY

SUMMARY OF QUANTITIES & SCHEDULE OF QUANTITIES

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