

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	565
20300100	CHANNEL EXCAVATION	CU YD	970
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	250
28000400	PERIMETER EROSION BARRIER	FOOT	840
28100209	STONE RIPRAP, CLASS A5	TON	710
28200200	FILTER FABRIC	SQ YD	600
35101400	AGGREGATE BASE COURSE, TYPE B	TON	609
① 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
① 50104650	SLOPE WALL REMOVAL	SQ YD	675
50200100	STRUCTURE EXCAVATION	CU YD	240
50300225	CONCRETE STRUCTURES	CU YD	150.0
50300280	CONCRETE ENCASMENT	CU YD	9.5
① 50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	3,528
50800105	REINFORCEMENT BARS	POUND	12,680
* ① 50900205	STEEL RAILING, TYPE S1	FOOT	240
51200957	FURNISHING METAL SHELL PILES 12"x0.250"	FOOT	1,130
① 51202305	DRIVING PILES	FOOT	1,130
① 51203200	TEST PILE METAL SHELLS	EACH	4
51500100	NAME PLATES	EACH	1
① 59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	19.2
* 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	2
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2
67100100	MOBILIZATION	L SUM	1
* ① 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
① X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.5
① X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION, LOCATION 1	EACH	1
① X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION, LOCATION 2	EACH	1
① X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1
① XX004450	BITUMINOUS SURFACE TREATMENT, A-2 SPECIAL	SQ YD	1,324

① SEE SPECIAL PROVISIONS

CONSTRUCTION TYPE CODE: X080(0011)

\* SPECIALTY ITEMS

**EARTHWORK SUMMARY**

STATION TO STATION	EARTH EXCAVATION	CHANNEL EXCAVATION	STRUCTURE EXCAVATION	FILL	WASTE (SHORTAGE)
	CU YD	CU YD	CU YD	CU YD	CU YD
RDWY 17+00.00 - 19+33.00	436			0	436
RDWY 20+53.00 - 22+00.00	131			23	100
CHANNEL		970			
STRUCTURE			240		
<b>TOTAL</b>	<b>567</b>	<b>970</b>	<b>240</b>	<b>23</b>	<b>536</b>
<b>USE</b>	<b>565</b>	<b>970</b>	<b>240</b>	<b>-</b>	<b>535</b>

(@ 25% SHRINKAGE)

**AGGREGATE BASE COURSE, TYPE B**

STATION TO STATION	THICKNESS	WIDTH	LENGTH	TON
17+00.00 - 17+50.00	1.00'	22.88' AVG.	50.00'	80
17+50.00 - 19+33.00	1.00'	23.00'	183.00'	295
20+53.00 - 21+50.00	1.00'	23.00'	97.00'	156
21+50.00 - 22+00.00	1.00'	22.23' AVG.	50.00'	78
<b>TOTAL</b>				<b>609</b>

**PERIMETER EROSION BARRIER**

STATION TO STATION	SIDE	FOOT
17+00 - 19+20	LEFT	235
17+00 - 19+47	RIGHT	265
20+39 - 22+00	LEFT	175
20+65 - 22+00	RIGHT	165
<b>TOTAL</b>		<b>840</b>

**BITUMINOUS SURFACE TREATMENT, A-2 SPECIAL**

STATION TO STATION	WIDTH	LENGTH	SQ YD
17+00.00 - 17+50.00	21.88' AVG.	50.00'	122
17+50.00 - 19+33.00	22.00'	183.00'	447
BRIDGE DECK	30.00'	120.00'	400
20+53.00 - 21+50.00	22.00'	97.00'	237
21+50.00 - 22+00.00	21.23' AVG.	50.00'	118
<b>TOTAL</b>			<b>1,324</b>

**TRAFFIC BARRIER TERMINAL, TYPE 5A**

STATION TO STATION	SIDE	EACH
19+30.25 - 19+43.50	RIGHT	1
20+42.50 - 20+55.75	LEFT	1
<b>TOTAL</b>		<b>2</b>

**TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT**

STATION TO STATION	SIDE	EACH
18+80.25 - 19+30.25	RIGHT	1
20+55.75 - 21+05.75	LEFT	1
<b>TOTAL</b>		<b>2</b>