

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	25
20300100	CHANNEL EXCAVATION	CU YD	1,400
① 20400800	FURNISHED EXCAVATION	CU YD	145
① 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.6
28000400	PERIMETER EROSION BARRIER	FOOT	880
28100209	STONE RIPRAP, CLASS A5	TON	800
28200200	FILTER FABRIC	SQ YD	770
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	94
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	210
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	430
48100100	AGGREGATE SHOULDERS, TYPE A	TON	128
① 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	95
50300225	CONCRETE STRUCTURES	CU YD	92.3
50300280	CONCRETE ENCASEMENT	CU YD	9.0
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	4,050
① 50800105	REINFORCEMENT BARS	POUND	8,500
50900205	STEEL RAILING, TYPE S-1	FOOT	274
51201005	FURNISHING METAL SHELL PILES 12"	FOOT	1,242
51202305	DRIVING PILES	FOOT	1,242
51203200	TEST PILE METAL SHELLS	EACH	4
51204650	PILE SHOES	EACH	24
51500100	NAME PLATES	EACH	1
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	457
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	300
① 59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	20.3
* 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	2
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	2
63200310	GUARDRAIL REMOVAL	FOOT	292
67100100	MOBILIZATION	L SUM	1
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,180
* ① 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
① X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION, LOCATION 1	EACH	1
① X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION, LOCATION 2	EACH	1

① SEE SPECIAL PROVISIONS CONSTRUCTION CODE TYPE: X080-2A  
 \* 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+31.50	13			106	(96)
RDWY 20+68.50 - 22+25.00	14			61	(51)
CHANNEL		1,400			
STRUCTURE			95		
<b>TOTAL</b>	<b>27</b>	<b>1,400</b>	<b>95</b>	<b>167</b>	<b>(147)</b>
<b>USE</b>	<b>25</b>	<b>1,400</b>	<b>95</b>	<b>-</b>	<b>(145)</b>

(@ 25% SHRINKAGE)

**TRAFFIC BARRIER TERMINAL, TYPE 5A**

SIDE	STATION TO STATION	EACH
RIGHT	19+18.25 - 19+31.50	1
LEFT	20+68.50 - 20+81.75	1
<b>TOTAL</b>		<b>2</b>

**PERIMETER EROSION BARRIER**

STATION TO STATION	SIDE	FOOT
17+00 - 19+30	RIGHT	255
17+00 - 19+30	LEFT	255
20+70 - 22+25	RIGHT	190
20+70 - 22+25	LEFT	180
<b>TOTAL</b>		<b>880</b>

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

SIDE	STATION TO STATION	EACH
RIGHT	18+68.25 - 19+18.25	1
LEFT	20+81.75 - 21+31.75	1
<b>TOTAL</b>		<b>2</b>

**HOT-MIX ASPHALT SCHEDULE**

STATION TO STATION	WIDTH	LENGTH	PRIME COAT GALLON 0.10 GAL/SQ YD	HOT-MIX ASPHALT SURFACE CSE TON 112#/SQ YD/IN
17+00.00 - 17+50.00	22.04'	50.00'	12	
17+50.00 - 19+31.50	22.00'	181.50'	44	
20+68.50 - 21+75.00	22.00'	106.50'	26	
21+75.00 - 22+25.00	22.19'	50.00'	12	
17+00.00 - 17+50.00	22.17'	50.00'		20
17+50.00 - 19+31.50	22.13'	181.50'		89
BRIDGE DECK	30.00'	137.00'		46
20+68.50 - 21+75.00	22.13'	106.50'		39
21+75.00 - 22+25.00	22.32'	50.00'		16
<b>TOTAL</b>			<b>94</b>	<b>210</b>

**GUARDRAIL REMOVAL**

STATION TO STATION	SIDE	FOOT
18+90 - 19+63	RIGHT	73
18+90 - 19+63	LEFT	73
20+37 - 21+10	RIGHT	73
20+37 - 21+10	LEFT	73
<b>TOTAL</b>		<b>292</b>

**AGGREGATE SHOULDERS, TYPE A**

STATION TO STATION	SIDE	WIDTH	LENGTH	TON
17+00.00 - 17+50.00	LEFT	3.75' AVG.	50.00'	7
17+00.00 - 17+50.00	RIGHT	3.38' AVG.	50.00'	6
17+50.00 - 19+31.50	LEFT	4.00'	181.50'	25
17+50.00 - 18+34.25	RIGHT	4.00'	84.25'	12
18+34.25 - 18+58.25	RIGHT	6.00' AVG.	24.00'	5
18+58.25 - 18+93.25	RIGHT	8.00'	35.00'	10
18+93.25 - 18+97.25	RIGHT	7.67' AVG.	4.00'	1
18+97.25 - 19+31.50	RIGHT	7.33'	34.25'	9
20+68.50 - 21+75.00	RIGHT	4.00'	106.50'	15
20+68.50 - 21+02.75	LEFT	7.33'	34.25'	9
21+02.75 - 21+06.75	LEFT	7.67' AVG.	4.00'	1
21+06.75 - 21+41.75	LEFT	8.00'	35.00'	10
21+41.75 - 21+65.75	LEFT	6.00' AVG.	24.00'	5
21+65.75 - 21+75.00	LEFT	4.00'	9.25'	1
21+75.00 - 22+25.00	LEFT	3.07' AVG.	50.00'	5
21+75.00 - 22+25.00	RIGHT	3.75' AVG.	50.00'	7
<b>TOTAL</b>				<b>128</b>

**HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"**

STATION TO STATION	AVG. WIDTH	LENGTH	SQ YD
17+00.00 - 17+50.00	21.96'	50.00'	122
21+00.00 - 22+25.00	22.16'	125.00'	308
<b>TOTAL</b>			<b>430</b>

**PAINT PAVEMENT MARKING - LINE 4"**

STATION TO STATION	SIDE	DESCRIPTION	FOOT
17+00-00 - 22+25.00	LEFT	WHITE EDGE LINE	525
17+00-00 - 22+25.00	℄	YELLOW SKIP-DASH	130
17+00-00 - 22+25.00	RIGHT	WHITE EDGE LINE	525
<b>TOTAL</b>			<b>1,180</b>