

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	360
20300100	CHANNEL EXCAVATION	CU YD	850
① 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.4
① 28000300	TEMPORARY DITCH CHECKS	EACH	5
28000400	PERIMETER EROSION BARRIER	FOOT	25
28100209	STONE RIPRAP, CLASS A5	TON	765
28200200	FILTER FABRIC	SQ YD	740
35100100	AGGREGATE BASE COURSE, TYPE A	TON	308
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	440
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	126
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	66
44000100	PAVEMENT REMOVAL	SQ YD	359
48101200	AGGREGATE SHOULDERS, TYPE B	TON	60
① 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	90
50300225	CONCRETE STRUCTURES	CU YD	80.1
50300255	CONCRETE SUPERSTRUCTURE	CU YD	179.0
50300280	CONCRETE ENCASMENT	CU YD	5.9
① 50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	45,170
51201400	FURNISHING STEEL PILES HP10X42	FOOT	523
51202305	DRIVING PILES	FOOT	523
51203400	TEST PILE STEEL HP10X42	EACH	2
51500100	NAME PLATES	EACH	1
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	16.0
63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	2
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	2
67100100	MOBILIZATION	L SUM	1
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	106
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
XX006199	STEEL BRIDGE RAIL, TYPE SM (SPECIAL)	FOOT	205

① SEE SPECIAL PROVISIONS

CONSTRUCTION CODE TYPE: X020-2A

TEMPORARY DITCH CHECKS

STATION	SIDE	EACH
39+35	LEFT	1
39+50	RIGHT	1
40+30	LEFT	1
40+40	RIGHT	1
41+50	RIGHT	1
TOTAL		5

PERIMETER EROSION BARRIER

STATION TO STATION	SIDE	FOOT
38+25 - 38+50	RIGHT	25
TOTAL		25

TRAFFIC BARRIER TERMINAL, TYPE 6A

SIDE	STATION TO STATION	EACH
RIGHT	39+02.14 - 39+45.89	1
LEFT	40+34.18 - 40+77.93	1
TOTAL		2

TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)

SIDE	STATION TO STATION	EACH
RIGHT	38+52.14 - 39+02.14	1
LEFT	40+77.93 - 41+27.93	1
TOTAL		2

TEMPORARY PAVEMENT MARKING - LINE 4"

STATION TO STATION	SIDE	DESCRIPTION	FOOT
38+25.00 - 42+50.00	CENTERLINE	YELLOW SKIP-DASH	106
TOTAL			106

PERMANENT PAVEMENT MARKING BY OTHERS.

PAVEMENT REMOVAL

STATION TO STATION	WIDTH	LENGTH	SQ YD
38+25.00 - 39+38.90	10.00'	113.90'	127
40+41.17 - 42+50.00	10.00'	208.83'	232
TOTAL			359

EXISTING ASPHALT SURFACE SHALL BE REMOVED TO TOP OF CONCRETE SLAB. THIS SLAB IS LOCATED IN THE APPROXIMATE CENTER 10' OF ROADWAY. APPROXIMATE EXISTING SURFACE THICKNESS TO BE REMOVED = 4 1/2".

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 38+25.00 - 39+38.90	102			55	22	
RDWY 40+41.17 - 42+50.00	260			70	125	
CHANNEL		852				
STRUCTURE			89			
TOTAL		362	852	89	125	147
USE		360	850	90	-	147

(@ 25% SHRINKAGE)

HOT-MIX ASPHALT SCHEDULE

STATION TO STATION	WIDTH	LENGTH	PRIME COAT GALLON 0.50 GAL/SQ YD	ASPHALT BINDER CSE TON 112#/SQ YD/IN	ASPHALT SURF CSE TON 112#/SQ YD/IN
38+25.00 - 38+75.00	24.45' AVG.	50.00'	68		
38+75.00 - 39+38.90	24.63'	63.90'	87		
40+41.17 - 42+00.00	24.63'	158.83'	217		
42+00.00 - 42+50.00	24.60' AVG.	50.00'	68		
38+25.00 - 38+75.00	22.26' AVG.	50.00'		21	
38+75.00 - 39+38.90	22.44' AVG.	63.90'		25	
40+41.17 - 42+00.00	22.44' AVG.	158.83'		60	
42+00.00 - 42+50.00	22.41' AVG.	50.00'		20	
38+25.00 - 38+75.00	21.95' AVG.	50.00'			10
38+75.00 - 39+38.90	22.13' AVG.	63.90'			13
40+41.17 - 42+00.00	22.13' AVG.	158.83'			33
42+00.00 - 42+50.00	22.10' AVG.	50.00'			10
TOTAL			440	126	66

AGGREGATE BASE COURSE, TYPE A

STATION TO STATION	THICKNESS	WIDTH	LENGTH	TON
38+25.00 - 38+75.00	1.00'	13.45' AVG.	50.00'	47
38+75.00 - 39+38.90	1.00'	13.63' AVG.	63.90'	61
40+41.17 - 42+00.00	1.00'	13.63' AVG.	158.83'	152
42+00.00 - 42+50.00	1.00'	13.60' AVG.	50.00'	48
TOTAL				308

AGGREGATE SHOULDERS, TYPE B

STATION TO STATION	SIDE	WIDTH	LENGTH	TON
38+25.00 - 38+75.00	LEFT	4.0'	50.00'	5
38+25.00 - 38+75.00	RIGHT	4.0'	50.00'	5
38+75.00 - 39+32.84	LEFT	4.0'	57.84'	5
38+75.00 - 39+44.96	RIGHT	4.0'	69.96'	6
40+35.11 - 42+00.00	LEFT	4.0'	164.89'	15
40+47.23 - 42+00.00	RIGHT	4.0'	152.77'	14
42+00.00 - 42+50.00	LEFT	4.0'	50.00'	5
42+00.00 - 42+50.00	RIGHT	4.0'	50.00'	5
TOTAL				60