

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	50
20300100	CHANNEL EXCAVATION	CU YD	530
20400800	FURNISHED EXCAVATION	CU YD	445
① 20900110	POROUS GRANULAR BACKFILL	CU YD	100
25100630	EROSION CONTROL BLANKET	SQ YD	106
28000305	TEMPORARY DITCH CHECKS	FOOT	36
28000400	PERIMETER EROSION BARRIER	FOOT	595
28100209	STONE RIPRAP, CLASS A5	TON	425
28200200	FILTER FABRIC	SQ YD	365
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	76
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	178
① 40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	20
① 40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	84
42001300	PROTECTIVE COAT	SQ YD	245
① 44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	19
① 44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	28
48101200	AGGREGATE SHOULDERS, TYPE B	TON	153
① 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	150
50300225	CONCRETE STRUCTURES	CU YD	25.4
50300255	CONCRETE SUPERSTRUCTURE	CU YD	71.9
50300260	BRIDGE DECK GROOVING	SQ YD	209
50300280	CONCRETE ENCASEMENT	CU YD	4.6
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1
50500505	STUD SHEAR CONNECTORS	EACH	885
50800205	REINFORCEMENT BARS, EPOXY COATED	PCUND	19,230
51200357	FURNISHING METAL SHELL PILES 12"x0.250"	FOOT	360
51202305	DRIVING PILES	FOOT	360
51203200	TEST PILE METAL SHELLS	EACH	1
51204650	PILE SHOES	EACH	10
51500100	NAME PLATES	EACH	1
52100520	ANCHOR BOLTS, 1"	EACH	20
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	57
② 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	2
② 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2
① 63200310	GUARDRAIL REMOVAL	FOOT	300
57100100	MOBILIZATION	L SUM	1
② ① 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
① X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.6
① Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	119
① XX004633	FIELD TILE ADJUSTMENT	EACH	3
② ① XX006198	STEEL BRIDGE RAIL, TYPE SM (SPECIAL)	FOOT	134

① SEE SPECIAL PROVISIONS
② SPECIALTY ITEMS

CONSTRUCTION CODE TYPE: 0011

PAVEMENT SCHEDULE

STATION TO STATION	WIDTH	LENGTH	PRIME COAT GALLON 0.10 GAL/SQ YD	HOT-MIX ASPHALT SURF CSE, MIX "C", N50 TON 112#/SQ YD/IN	HOT-MIX ASPHALT BINDER CSE, IL-19.0, N50 TON 112#/SQ YD/IN
213+00.00 - 214+62.50	20.33'	162.50'	37		
215+29.50 - 217+00.00	20.33'	170.50'	39		
213+00.00 - 214+62.50	20.17'	162.50'		41	
215+29.50 - 217+00.00	20.17'	170.50'		43	
214+53.00 - 214+62.50	21.00'	9.50'			10
215+29.50 - 215+39.00	21.00'	9.50'			10
TOTAL			76	84	20

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 213+00.00 - 214+62.50	7			256	(251)
RDWY 215+29.50 - 217+00.00	44			226	(193)
CHANNEL		530			
STRUCTURE			150		
TOTAL	51	530	150	482	(444)
USE	50	530	150	-	(445)

(@ 25% SHRINKAGE)

TEMPORARY DITCH CHECKS

STATION	SIDE	FOOT
215+16	RIGHT	12
215+70	RIGHT	12
216+20	RIGHT	12
TOTAL		36

PERIMETER EROSION BARRIER

STATION TO STATION	SIDE	FOOT
213+00 - 214+63	LEFT	180
213+00 - 214+63	RIGHT	195
215+30 - 217+00	LEFT	190
216+75 - 217+00	RIGHT	30
TOTAL		595

EROSION CONTROL BLANKET

STATION TO STATION	SIDE	WIDTH	LENGTH	AREA (SQ YD)
215+16 - 216+75	RIGHT	6'	159'	106
TOTAL				106

AGGREGATE SHOULDERS, TYPE B

STATION TO STATION	SIDE	WIDTH	LENGTH	TON
213+00.00 - 213+50.00	LEFT	4.25' AVG.	50.00'	7
213+00.00 - 213+58.75	RIGHT	5.58' AVG.	58.75'	11
213+50.00 - 214+62.50	LEFT	6.00'	112.50'	24
213+58.75 - 213+93.75	RIGHT	10.00'	35.00'	12
213+93.75 - 213+95.25	RIGHT	9.88' AVG.	1.50'	1
213+95.25 - 214+18.79	RIGHT	9.75'	23.54'	8
214+18.79 - 214+43.37	RIGHT	9.47' AVG.	24.58'	8
214+43.37 - 214+62.50	RIGHT	7.60' AVG.	19.13'	5
215+29.50 - 215+48.63	LEFT	7.60' AVG.	19.13'	5
215+29.50 - 216+90.00	RIGHT	6.00'	120.50'	25
215+48.63 - 215+73.21	LEFT	9.47' AVG.	24.58'	8
215+73.21 - 215+96.75	LEFT	9.75'	23.54'	8
215+96.75 - 215+98.25	LEFT	9.88' AVG.	1.50'	1
215+98.25 - 216+33.25	LEFT	10.00'	35.00'	12
216+33.25 - 216+68.96	LEFT	7.03' AVG.	35.71'	9
216+50.00 - 217+00.00	RIGHT	3.45' AVG.	50.00'	6
216+68.96 - 217+00.00	LEFT	2.45' AVG.	31.04'	3
TOTAL				153

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

STATION TO STATION	WIDTH	LENGTH	SQ YD
213+00.00 - 213+40.00	20.00'	40.00'	89
216+60.00 - 217+00.00	20.00'	40.00'	89
TOTAL			178

GUARDRAIL REMOVAL

STATION TO STATION	SIDE	FOOT
214+00 - 214+75	LEFT	75
214+00 - 214+75	RIGHT	75
215+07 - 215+82	LEFT	75
215+07 - 215+82	RIGHT	75
TOTAL		300

TRAFFIC BARRIER TERMINAL, TYPE 6A

SIDE	STATION TO STATION	EACH
RIGHT	214+18.75 - 214+62.50	1
LEFT	215+29.50 - 215+73.25	1
TOTAL		2

CLASS D PATCHES, TYPE III, 8 INCH

STATION TO STATION	SIDE	WIDTH	LENGTH	SQ YD
215+45 - 215+74	LEFT	6'	29'	19
TOTAL				19

CLASS D PATCHES, TYPE IV, 8 INCH

STATION TO STATION	SIDE	WIDTH	LENGTH	SQ YD
215+40 - 215+82	RIGHT	6'	42'	28
TOTAL				28

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

SIDE	STATION TO STATION	EACH
RIGHT	213+68.75 - 214+18.75	1
LEFT	215+73.25 - 216+23.25	1
TOTAL		2