

**SUMMARY OF QUANTITIES**

ITEM NUMBER	ITEM	UNIT	QUANTITY
20100500	TREE REMOVAL, ACRES	ACRE	0.26
20200100	EARTH EXCAVATION	CU YD	640
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1268
25000300	SEEDING, CLASS 3	ACRE	0.27
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	25
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	25
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	25
25100120	MULCH METHOD 2	TON	0.41
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	317
28000300	TEMPORARY DITCH CHECKS	EACH	8
28000400	PERIMETER EROSION BARRIER	FOOT	200
28100101	STONE RIPRAP, CLASS A1	SQ YD	681
28100107	STONE RIPRAP, CLASS A4	SQ YD	681
28200200	FILTER FABRIC	SQ YD	681
28500100	FABRIC FORMED CONCRETE REVETMENT MAT	SQ YD	481
35101400	AGGREGATE BASE COURSE, TYPE B	TON	416
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	340
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	101
40603100	HOT MIX ASPHALT BINDER COURSE, IL-19.0L, N30	TON	138
40603305	HOT MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	80
44000100	PAVEMENT REMOVAL	SQ YD	587
48101200	AGGREGATE SHOULDERS, TYPE B	TON	188
50100200	REMOVAL OF EXISTING STRUCTURES	L SUM	1
50200100	STRUCTURE EXCAVATION	CU YD	238
50300225	CONCRETE STRUCTURES	CU YD	60.2
50300260	BRIDGE DECK GROOVING	SQ YD	262
50300300	PROTECTIVE COAT	SQ YD	292
50301200	CONCRETE WEARING SURFACE	SQ YD	279
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	12,060
51200959	FURNISHING METAL SHELL PILES 14" X 0.312"	FOOT	720
51202305	DRIVING PILES	FOOT	720
51203200	TEST PILE METAL SHELLS	EACH	2
51500100	NAME PLATES	EACH	1
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	128
* 63000003	STEEL PLATE GUARDRAIL, TYPE A 9 FOOT POSTS	FOOT	25
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
66600105	FURNISH AND ERECTING RIGHT-OF-WAY MARKERS	EACH	10
67100100	MOBILIZATION	LSUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	LSUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	10
72900100	METAL POST - TYPE A	FOOT	26
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1400
* 78201000	TERMINAL MARKERS-DIRECT APPLIED	EACH	4
* LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	4
XX003515	PRECAST PRESTRESSED CONCRETE DECK BEAMS (42" DEPTH)	SQ FT	2,513
* XX006199	STEEL BRIDGE RAIL, TYPE SM SPECIAL	FOOT	164

\* SPECIALTY ITEMS

**BITUMINOUS PAVEMENT**

STATION	AGGREGATE BASE COURSE, TYPE B (TON)	HOT MIX ASPHALT BINDER COURSE, IL-19.0L, N30 (TON)	HOT MIX ASPHALT SURFACE COURSE, MIX "C", N30 (TON)	BITUMINOUS MATERIALS (PRIME COAT) (GALLON)	AGGREGATE SHOULDERS, TYPE B (TON)
STA. 36+00.00 TO STA. 37+14.00	172	57	34	140	91
STA. 37+96.00 TO STA. 39+50.00	244	81	46	200	97
TOTALS	416 TON	138 TON	80 TON	340 GALLON	188 TON

**HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT**

STATION	TON
STA. 36+00.00 TO STA. 36+20.00	49
STA. 39+30.00 TO STA. 39+50.00	52
TOTALS	101 SQ. YD.

**PAVEMENT REMOVAL**

STATION	TON
STA. 36+20.00 TO STA. 37+48.60	259
STA. 37+69.50 TO STA. 39+30.00	328
TOTALS	587 SQ. YD.

**EARTHWORK**

EARTH EXCAVATION	640 CU. YD.
FILL	275 CU. YD.
FILL X 1.25 (25% SHRINKAGE FACTOR APPLIED)	340 CU. YD.

**TREE REMOVAL, ACRES**

STA. 36+07.80 TO STA. 37+28.01 LT.	0.08 ACRES
STA. 36+20.58 TO STA. 37+67.10 RT.	0.05 ACRES
STA. 37+33.27 TO STA. 39+28.06 LT.	0.11 ACRES
STA. 38+33.38 TO STA. 38+93.41 RT.	0.02 ACRES
TOTALS	0.26 ACRES

**PAVEMENT MARKING**

STATION	PAINT PAVEMENT MARKING LINE (FOOT)	WHITE	YELLOW
STA. 36+00.00 TO STA. 39+50.00 LT.	350		
STA. 36+00.00 TO STA. 39+50.00			700
STA. 36+00.00 TO STA. 39+50.00 RT.	350		
TOTALS	1,400 FOOT		

**FURNISH AND ERECTING RIGHT-OF-WAY MARKERS, EACH**

STA. 36+00.00	45' LT.	1 EACH
STA. 36+00.00	65' LT.	1 EACH
STA. 37+00.00	45' RT.	1 EACH
STA. 37+00.00	65' RT.	1 EACH
STA. 37+70.45	65' LT.	1 EACH
STA. 37+72.82	60' LT.	1 EACH
STA. 39+35.00	45' RT.	1 EACH
STA. 39+35.00	65' RT.	1 EACH
STA. 39+50.00	60' LT.	1 EACH
STA. 39+50.00	45' LT.	1 EACH
TOTALS		10 EACH

**SIGN PANEL AND POSTS**

STATION	SIGN PANEL-TYPE 1 (SQ. FT.) *	METAL POST-TYPE A (FOOT)
STA. 35+85.00 19' RT.	5	13
STA. 39+30.00 25' LT.	5	13
TOTALS	10 SQ. FT.	26 FOOT

\* SPEED LIMIT SIGN (MUTCD R2-1)

**TOPSOIL, SEEDING, FERTILIZER**

STATION	TOPSOIL FURNISH AND PLACE, 6" (SQ. YD.)	SEEDING, CLASS 3 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHOROUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)
STA. 35+71.92 TO STA. 37+00.00, LT	303	0.07	6.7	6.7	6.7
STA. 35+86.56 TO STA. 37+25.00, RT	162	0.04	3.7	3.7	3.7
STA. 37+85.61 TO STA. 39+50.00, LT	427	0.08	7.4	7.4	7.4
STA. 38+06.39 TO STA. 39+50.00, RT	376	0.08	6.8	6.8	6.8
TOTALS	1268 SQ. YD.	0.27 ACRE	25 POUND	25 POUND	25 POUND