

SUMMARY OF QUANTITIES

CODE	PAY ITEM	UNIT	QUANTITY
21400100	GRADING AND SHAPING DITCHES	FOOT	161
25000200	SEEDING, CLASS 2	ACRE	0.2
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	18
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,712
40600300	AGGREGATE (PRIME COAT)	TON	33
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	354
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	89
40600990	TEMPORARY RAMP	SQ YD	112
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2,188
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	73
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	84
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	7,471
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	970
42400800	DETECTABLE WARNINGS	SQ FT	152
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	16,671
44000300	CURB REMOVAL	FOOT	354
44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	51
44000600	SIDEWALK REMOVAL	SQ FT	72
44002500	GUTTER OUTLET REMOVAL	EACH	2
44200094	PAVEMENT PATCHING, TYPE II 8"	SQ YD	20
54213447	END SECTIONS 12"	EACH	2
54213450	END SECTIONS 15"	EACH	1
550B0030	STORM SEWERS, CLASS B, TYPE 1, 8"	FOOT	9
550B0040	STORM SEWERS, CLASS B, TYPE 1, 10"	FOOT	10
550B0050	STORM SEWERS, CLASS B, TYPE 1, 12"	FOOT	49
550B0070	STORM SEWERS, CLASS B, TYPE 1, 15"	FOOT	12
56109210	WATER VALVES TO BE ADJUSTED	EACH	2
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1
60255500	MANHOLES TO BE ADJUSTED	EACH	6
60236200	INLETS, TYPE A, TYPE B GRATE	EACH	1
60405700	FRAMES AND GRATES, SPECIAL	EACH	2
60600605	CONCRETE CURB, TYPE B	FOOT	251
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	34
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	31
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,757
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	303
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	31.2
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	17,693
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	384
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	72
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	175
* 78008230	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6"	FOOT	211
* 78008370	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"	FOOT	52
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	127
X4421000	PARTIAL DEPTH PATCHING	TON	0.2
X4422030	PARTIAL DEPTH REMOVAL, 3"	SQ YD	7.7

* SPECIALTY ITEM

GENERAL NOTES

ALL CONSTRUCTION SHALL BE ACCORDING TO ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007.

EXISTING UTILITIES SHOWN ARE LOCATED FROM SURFACE OBSERVATIONS OR INFORMATION PROVIDED BY THE RESPECTIVE UTILITIES AND MUST BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXACT LOCATION OF WHICH ARE UNKNOWN AND NOT SHOWN. THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING THE RESPECTIVE UTILITIES BEFORE WORK IS BEGUN. FIELD MARKINGS OF UNDERGROUND UTILITIES MAY BE OBTAINED BY PROVIDING A MINIMUM OF 48 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 1-800-892-0123 OR BY DIRECT CONTACT WITH NON-MEMBERS OF J.U.L.I.E.

THE THICKNESS OF THE HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE ON WHICH THE HOT-MIX ASPHALT IS PLACED.

FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:

PAVING	
ALL HOT-MIX ASPHALT	0.056 TONS/SQ.YD./INCH
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ.YD.
BITUMINOUS MATERIALS (PRIME COAT)	0.075 GAL./SQ.YD.

THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES AND VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS TO ENSURE THESE ITEMS ARE NOT DAMAGED.

SHORT-TERM PAVEMENT MARKINGS SHALL BE APPLIED TO THE MILLED AND FINAL WEARING SURFACE.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S)	SURFACE	LEVEL BINDER	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX.)	15%	25%	15%
DESIGN AIR VOIDS	4.0%@Ndes=70	4.0%@Ndes=70	4.0%@Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	IL-12.5	IL-9.5	IL-12.5
FRICTION AGG	MIXTURE D	MIXTURE B	MIXTURE D

AN ESTIMATED 1,865 TONS OF HOT-MIX ASPHALT MATERIAL WILL BE REMOVED DURING THIS PROJECT.

ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION SHALL BE SEEDED WITH CLASS 2 SEEDING, WHICH PRICE SHALL INCLUDE FERTILIZER NUTRIENTS, MULCH, AND ALL NECESSARY INCIDENTAL WORK AS DIRECTED BY THE ENGINEER.

THE COST FOR FURNISHED EXCAVATION AND EARTH EXCAVATION NECESSARY TO COMPLETE THE SIDEWALK/DRIVEWAY WORK AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE CONTRACT. THE TOP 6 INCHES OF ALL NECESSARY BACKFILL SHALL BE FREE FROM ROCKS AND FOREIGN DEBRIS.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8623 8809	09-00096-00-RS	MARION	22	2
FEDERAL AID PROJECT		CONTRACT NO. 97425		