

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	09-00070-00-RS	MARION	10	2
FEDERAL AID PROJECT		CONTRACT 97388		

## SUMMARY OF QUANTITIES

CODE	PAY ITEM	UNIT	QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3,730
40600300	AGGREGATE (PRIME COAT)	TON	33
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	444
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	199
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1,884
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	32
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	8,133
44212900	PAVEMENT PATCHING (PARTIAL DEPTH)	SQ YD	12
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	115.2
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	48

\* 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.

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)	
WHITTAKER STREET	0.075 GAL./SQ.YD.
AIRPORT ROAD	0.150 GAL./SQ.YD.
BOONE STREET	0.150 GAL./SQ.YD.
MARION STREET (MITCHELL TO MAIN)	0.075 GAL./SQ.YD.
MARION STREET (BLAIR TO IDOT DRIVE)	0.300 GAL./SQ.YD.

THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT ONLY SIMPLE SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MEASUREMENTS MADE BY DESIGN PERSONNEL AND SHALL BE ASSUMED TO BE APPROXIMATE.

THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES AND VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.

THE THICKNESS OF HOT-MIX ASPHALT SURFACE REMOVAL IS THE REMOVAL DEPTH AT THE CENTERLINE. AN ESTIMATED 685 TONS OF HOT-MIX ASPHALT SURFACE WILL BE REMOVED.

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-9.5	IL-9.5	IL-9.5
FRICTION AGG	MIXTURE C	MIXTURE C	MIXTURE C

## UTILITY TYPE      NAME OF UTILITY      PHONE NUMBER

ELECTRIC	AMEREN IP, MT. VERNON, ILLINOIS	618-244-8271
GAS	CITY OF SALEM, SALEM, ILLINOIS	618-548-2222
WATER	CITY OF SALEM, SALEM, ILLINOIS	618-548-2222
TELEPHONE	AT&T, CENTRALIA, ILLINOIS	618-533-3418
CABLE	USSONET, SALEM, ILLINOIS	618-548-6909
SANITARY SEWER	CITY OF SALEM SALEM, ILLINOIS	618-548-2222
STORM SEWER	CITY OF SALEM, SALEM, ILLINOIS	618-548-2222

## PAVEMENT SCHEDULE

STATION	LOCATION	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	LEVELING BINDER (MACHINE METHOD), N70	INCIDENTAL HOT-MIX ASPHALT SURFACING	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
		GALLON	TON	TON	TON	TON	SQ. YD.	SQ. YD.
10+30 TO 20+95	WHITTAKER ST.	230	4.6	259			3,080	
169+70 TO 175+25	MARION ST.	140	2.8	167	57			80
180+90 TO 195+34	MARION ST.	1,520	7.6	424			5,053	
30+10 TO 58+76	AIRPORT ROAD	1,160	11.6	647	241	26		81
59+85 TO 77+60	WEST BOONE ST.	680	6.8	387	146	6		38
TOTAL		3,730	33.4	1,884	444	32	8,133	199