

## SUMMARY OF QUANTITIES

CONSTRUCTION CODE 0005

CONTRACT NO. 87504

CODE NO.	ITEM	UNIT	QUANTITY
40600100*	BITUMINOUS MATERIAL (PRIME COAT)	GALLON	2,780
40600300	AGGREGATE (PRIME COAT)	TON	56
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	2,615
40600982*	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	575
40600990	TEMPORARY RAMP	SQ YD	158
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,950
40800050*	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	99
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	28,365
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	320
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1,690
67100100	MOBILIZATION	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70300100*	SHORT-TERM PAVEMENT MARKING	FOOT	3,250
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	9,100
△ 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	154
△ 78005110*	EPOXY PAVEMENT MARKING LINE - LINE 4"	FOOT	31,560
△ 78005180*	EPOXY PAVEMENT MARKING LINE - LINE 24"	FOOT	140
△ 78100100*	RAISED REFLECTIVE PAVEMENT MARKER	EACH	140
△ 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	140
Z0048665*	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
Z0053700*	RESETTING SURVEY MONUMENTS	EACH	4

THE THICKNESS OF HOT-MIX ASPHALT MIXTURES 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 OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

THE BITUMINOUS SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY AND IN A WORKMANLIKE MANNER; AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN IN THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR WILL BE REQUIRED TO SAW CUT THE BITUMINOUS SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN IN THE PLANS DETAILS. THIS WORK SHALL BE INCIDENTAL TO THE BITUMINOUS QUANTITIES.

THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

FOR ALL SHORT-TERM PAVEMENT MARKINGS ON FINAL SURFACES (I.E., MAINLINE PAVEMENT), ONLY SHORT-TERM PAVEMENT MARKING TAPE SHALL BE USED.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

\* DENOTES SPECIAL PROVISION  
 △ DENOTES SPECIALTY ITEM

### HOT-MIX ASPHALT DATA TABLE

	SURFACE	LEVELING BINDER (MACHINE METHOD)	INCIDENTAL SURFACING
PG GRADE	PG58-22	PG58-22	PG58-22
MAX % RAP ALLOWABLE**	15%	15%	15%
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 12.5 OR IL 9.5	IL 9.5	IL 12.5 OR IL 9.5
FRICTION AGGREGATE	MIXTURE C		MIXTURE C
DENSITY TEST METHOD	CORRELATION	NUCLEAR / CORES	SATISFACTION OF ENGINEER

TABLE FOR  
CLASS D PATCHES, TYPE IV, 8 INCH

STARTS NEAR	LENGTH IN FEET	WIDTH IN FEET	APPROX. QUANTITY
STA. 1+10	46	11.25	58 SQ.YD.
STA. 2+86	98	11.25	123 SQ.YD.
STA. 5+05	78	11.25	98 SQ.YD.
TOTAL			279 SQ.YD.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.10	TON/CU YD
BITUMINOUS MATERIALS PRIME COAT	0.10	GAL/SQ YD (RC 70) OR 0.40 GAL/SQ YD (MC 30)
AGGREGATE PRIME COAT	0.002	TONS/SQ YD
HOT-MIX ASPHALT - WIDENING, LEVEL BINDER, BINDER AND SURFACE COURSE	112	LBS/SQ YD/INCH
SHORT-TERM PAVEMENT MARKING	10	FT/100 FT OF APPLICATION

\*\* IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

STATE OF ILLINOIS COUNTY OF GRUNDY COUNTY ENGINEER			
DRAWN: D.M.B.	CHECKED: C.J.C.	SCALE: NONE	DATE: 2-3-12
REVISED:	3-27-12		