

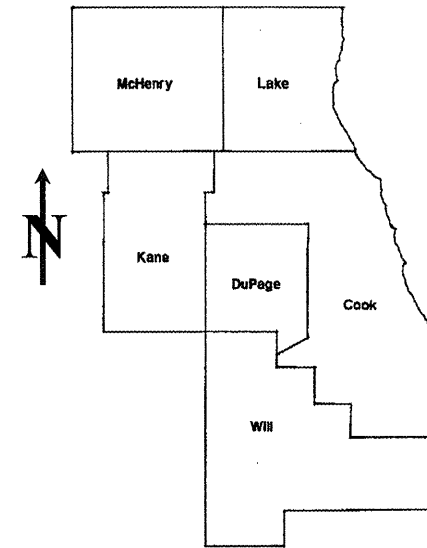
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2009-027 PP	COOK & WILL	<del>20</del>	1

△ 18

**CONTRACT NO. 60G26**

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**DISTRICT ONE**  
**PROPOSED HIGHWAY PLANS**

D-91-357-09



LOCATION OF IMPROVEMENT INDICATED THUS:

VARIOUS ROUTES  
 SECTION: 2009-027 PP  
 VARIOUS INTERSTATE MAINLINE  
 PAVEMENT PATCHING  
 COOK & WILL COUNTIES  
 C-91-357-09

FOR INDEX OF SHEETS SEE SHEET 2

**CONTRACT NO. 60G26**

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
 SUBMITTED: MARCH 24, 2009  
Diana M. O'Keefe *gc*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
May 8, 2009  
Charles J. Ingersoll  
 ENGINEER OF DESIGN AND ENVIRONMENT  
May 8, 2009  
Christine M. Reed  
 DIRECTOR, DIVISION OF HIGHWAYS

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**OF THE STATE OF ILLINOIS**


**J.U.L.I.E.: JOINT UTILITY LOCATION**  
**INFORMATION FOR EXCAVATION**  
**(312) 744-7000**

△ Rev. 5-27-09

DISTRICT ONE - DESIGN - PLAN PREPARATION ENGINEER:  
 KEN ENG / (847) 705-4247


INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	GENERAL LOCATION MAP
5	SUMMARY OF PATCHING SCHEDULE
<b>* 6-14</b>	PATCHING SCHEDULE
15	BUTT JOINT AND HMA TAPER DETAILS
16	FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS
17	FREEWAY SINGLE & MULTI-LANE WEAVE
18-19	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
20	FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

**\* 6,7 DELETED** 

STATE STANDARDS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
000001-05	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
701101-02	OFF-RD. OPERATIONS, MULTILANE
701400-03	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-05	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-05	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION
701446-01	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701901-01	TRAFFIC CONTROL DEVICES

**701421-02**  
**701701-06** 

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS (%)
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 (IL 9.5MM), 2"	PG 64-22	4% @ 90 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N." (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES (48 HOUR NOTIFICATION IS REQUIRED).

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE (OR TOLLWAY) PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT (OR ISTHA).

WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISABILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE ENGINEER SHALL CONTACT MS. PATRICE HARRIS, AREA TRAFFIC FIELD ENGINEER AT (708) 597-9800 MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

THE EXISTING ROADWAY TYPICAL SECTION FOR HOT-MIX ASPHALT SURFACES IS ASSUMED TO HAVE A 3 INCH HOT-MIX ASPHALT OVERLAY ON TOP OF A TEN INCH CONCRETE BASE. THE EXISTING ROADWAY TYPICAL SECTION FOR CONCRETE SURFACES IS ASSUMED TO BE 10 INCHES OF FULL DEPTH PORTLAND CEMENT CONCRETE PAVEMENT.

ALL PAVEMENT PATCHES ON HOT-MIX ASPHALT SURFACES SHOWN IN THE PLANS ARE TO BE TWO (2) INCH MILL AND RESURFACE ONLY. THE MINIMUM WIDTH FOR MILLING AND PATCHING SHALL BE TWO (2) FEET. ALL PAVEMENT PATCHES ON CONCRETE SURFACES ARE TO BE 10 INCH CLASS D PATCHES.

THE COST OF ANY PARTIAL OR FULL DEPTH PATCHING REQUIRED AFTER THE REMOVAL OF THE EXISTING 2 INCH HOT-MIX ASPHALT SURFACE SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

**Rev. 5-27-09**

FILE NAME =	USER NAME = WILGREENDP	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES</b>	F.A. RTE. VAR.	SECTION 2009-027 PP	COUNTY COOK & WILL	TOTAL SHEETS 20	SHEET NO. 2		
cd:\pw_work\PWIDOT\WILGREENDP\0125109\0125109.dgn	DRAWN -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 60C26									
PLOT DATE = 3/19/2009	DATE -	REVISED -										

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES				CONSTRUCTION TYPE CODE				SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	COOK COUNTY 1000	WILL COUNTY 1000					CODE NO	ITEM	UNIT	TOTAL QUANTITIES				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	9	5	4												
40600300	AGGREGATE (PRIME COAT)	TON	39	23	16												
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	58	34	24												
40600895	CONSTRUCTING TEST STRIP	EACH	1	0.6	0.4												
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	877	567	310												
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	2135	1267	868												
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	19,048	11298	7750												
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	4	2												
67100100	MOBILIZATION	L SUM	1	0.6	0.4												
70300530	PAVEMENT MARKING TAPE, TYPE III 5"	FOOT	13395	13395													
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	5966	5581	385												
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	35,812	27,869	7943												
*78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	13395	13395													
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1048	606	442												
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1048	606	442												
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1													
XD325702	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.6	0.4												
7D300100	SHORT-TERM PAVEMENT MARKING	FOOT	1155		1155												
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1		1												
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		1												



\* SPECIALTY ITEM

Rev. 5-27-09

SUMMARY - SOUTH INTERSTATE MAINLINE	HMA 2" MILL & RESURFACE (SY)
<b>I-80</b>	
I-80 EB (HARLEM AVE. TO I-294)	1330
I-80 WB (I-294 TO HARLEM AVE.)	2101
<b>I-57</b>	
I-57 NB & SB (175TH ST. TO STEGER RD.)	7867
<b>IL 394</b>	
IL 394 SB (STEGER RD. TO S/O BURVILLE RD.)	7750
<b>SUMMARY TOTALS:</b>	19,048 SY

**NOTE:**

DUE TO ROUNDING, SUMMARY TOTALS MAY VARY SLIGHTLY FROM THE TOTALS ON THE PATCHING SCHEDULES.

Rev. 5-27-09

FILE NAME = <small>c:\pw_work\PWIDOT\WILGREENP\d0125109\</small>	USER NAME = WILGREENP <small>sign.dgn</small>	DESIGNED - DRAWN -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF PATCHING SCHEDULE SOUTH INTERSTATES</b>	F.A. RTE. VAR.	SECTION 2009-027 PP	COUNTY COOK & WILL	TOTAL SHEETS 20	SHEET NO. 5
PLOT SCALE = 100.0000' / IN. CHECKED - PLOT DATE = 3/19/2009 DATE -				SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT <b>CONTRACT NO. 60C26</b>				