

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 389	2009-032 PP	COOK	18	1

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

**CONTRACT NO. 60G30**

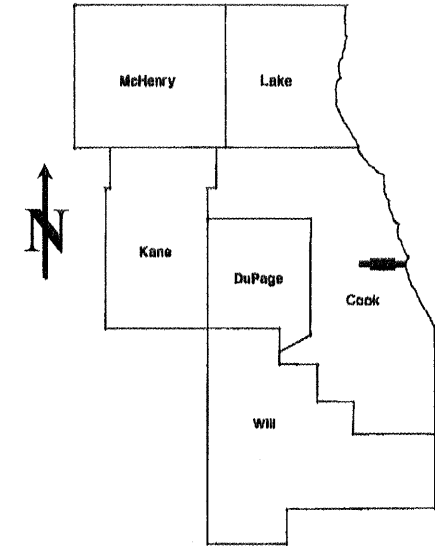
D-91-363-09

FOR INDEX OF SHEETS SEE SHEET 2

PROJECT LOCATED IN THE CITY OF CHICAGO

FAP 389: CONGRESS PARKWAY  
 AT SOUTH BRANCH CHICAGO RIVER  
 ALTERNATE ROUTES  
 SECTION: 2009-032 PP  
 PAVEMENT PATCHING

COOK COUNTY  
 C-91-363-09



LOCATION OF IMPROVEMENT INDICATED THUS:

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

**CONTRACT NO. 60G30**

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
 SUBMITTED: MARCH 31, 2009  
*Diane M. O'Keefe*  
 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**

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
4-5	GENERAL LOCATION MAP
6	SUMMARY OF PATCHING SCHEDULE
7-11	PATCHING SCHEDULE
12	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
13	BUTT JOINT AND HMA TAPER DETAILS
14	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
15-16	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS
17	TRAFFIC CONTROL AND PROTECTION OF TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
18	ARTERIAL ROAD INFORMATION SIGN

STATE STANDARDS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
000001-05	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY
701336-05	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-06	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS (%)
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5MM), 2"	PG 64-22	4% @ 70 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 "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 SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO.

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.

WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY 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 AND DRAINAGE STRUCTURE ADJUSTMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE CONTRACTOR IS REQUIRED TO GET THE PROPER PERMITS FROM THE CITY OF CHICAGO PRIOR TO THE START OF ANY WORK.

THE ENGINEER SHALL CONTACT MS. PATRICE HARRIS, AREA TRAFFIC FIELD ENGINEER AT (708) 597-8900 MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

THE EXISTING ROADWAY TYPICAL SECTION IS ASSUMED TO HAVE A 3 INCH HOT-MIX ASPHALT OVERLAY ON TOP OF A TEN INCH CONCRETE BASE.

ALL PAVEMENT PATCHES SHOWN IN THE PLANS ARE TWO (2) INCH MILL AND RESURFACE ONLY. THE MINIMUM WIDTH FOR MILLING AND PATCHING SHALL BE TWO (2) FEET.

WHEN FRAMES AND LIDS ARE TO BE ADJUSTED (SPECIAL), THEY ARE TO BE FILLED WITH CLASS PP-3 PORTLAND CEMENT CONCRETE. THIS WORK WILL BE INCLUDED IN THE COST OF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).

THE COST OF TRAFFIC CONTROL AND PROTECTION FOR THE PROJECT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED ROAD WORK.

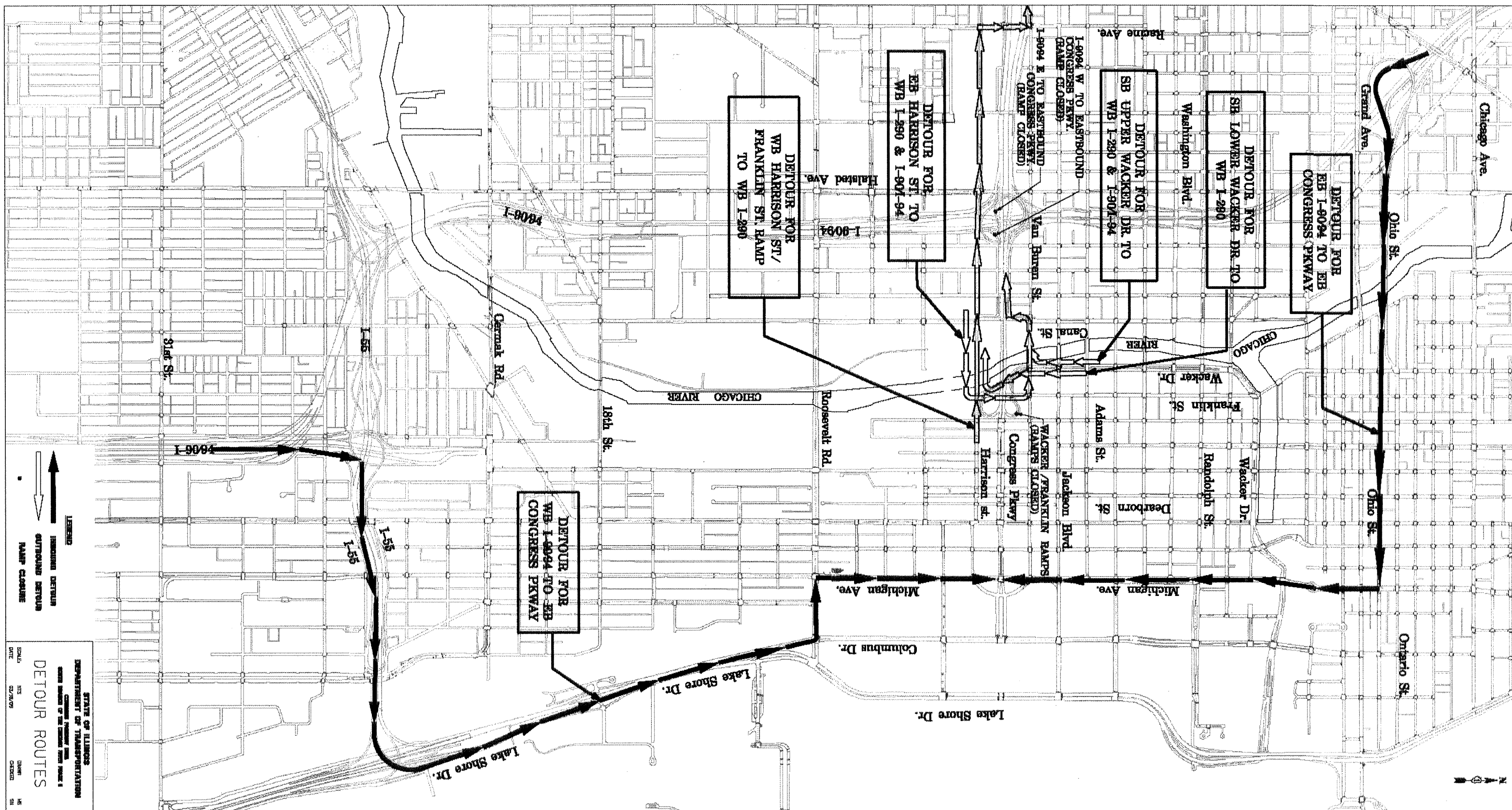
THE COST OF ANY PARTIAL OR FULL DEPTH PATCHING REQUIRED AFTER THE REMOVAL OF THE EXISTING 2 INCH HOT-MIX ASPHALT SURFACE SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

FILE NAME =	USER NAME = wilgreendp	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES CONGRESS PARKWAY DETOUR &amp; ALTERNATE ROUTES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
os:\pwork\PWIDOT\WILGREENDP\0125109.D	esign.dgn	DRAWN -	REVISED -			VAR.	2009-032 PP	COOK	18	2	
PLOT SCALE = 100.0000 ' / IN.		CHECKED -	REVISED -			<b>CONTRACT NO. 60G30</b>					
PLOT DATE = 4/2/2009		DATE -	REVISED -			FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT					
				SCALE:      SHEET NO. OF SHEETS STA. TO STA.							

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES							CODE NO	ITEM	UNIT	TOTAL QUANTITIES						
				1000															
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	2	2															
40600300	AGGREGATE (PRIME COAT)	TON	7	7															
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10	10															
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	165	165															
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	368	368															
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	3284	3284															
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	15	15															
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6															
67100100	MOBILIZATION	L SUM	1	1															
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	840	840															
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	280	280															
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	200	200															
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5750	5750															
*78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	400	400															
*78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	100	100															
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	200	200															
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	240	240															
88600600	DETECTOR LOOP REPLACEMENT	FOOT	50	50															
X0322256	TEMPORARY INFORMATION SIGNING	SO FT	514	514															

\* SPECIALTY ITEM

FILE NAME =	USER NAME = wlgreendp	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES CONGRESS PARKWAY DETOUR &amp; ALTERNATE ROUTES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\wlgreendp\0225109\Design.dgn		DRAWN -	REVISED -			VAR.	2009-032 PP	COOK	18	3	
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PLOT DATE = 4/2/2009		DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



FILE NAME =  
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 PLOT DATE = 3/28/2009

DESIGNED -  
 DRAWN -  
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 DATE -

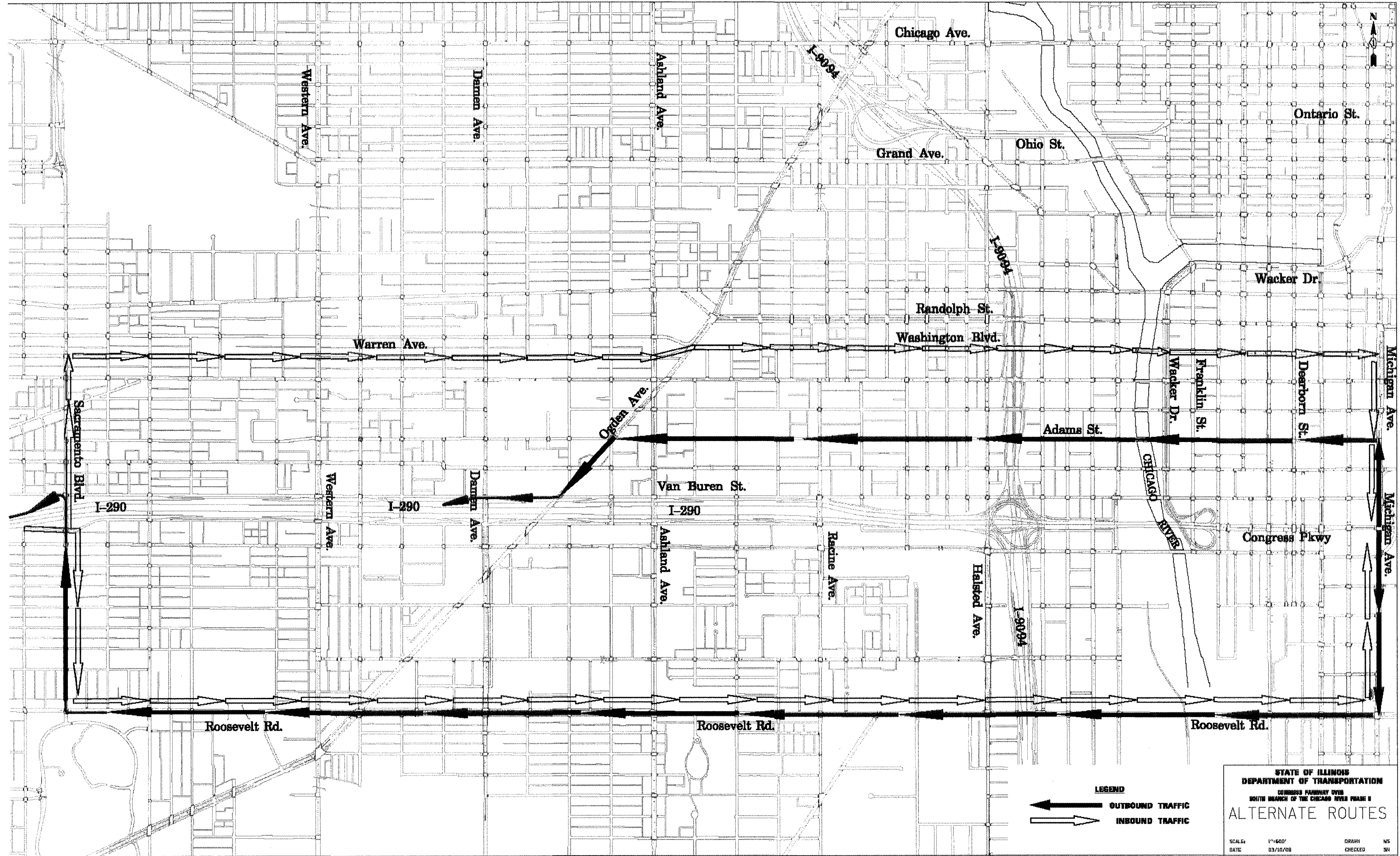
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GENERAL LOCATION MAP  
 CONGRESS PARKWAY DETOUR ROUTES**  
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE. 290.	SECTION 2009-032 PP	COUNTY COOK	TOTAL SHEETS 18	SHEET NO. 4
CONTRACT NO. 60C30			ILLINOIS FED. AID PROJECT	





STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
CONGRESS PARKWAY OVER  
NORTH BRANCH OF THE CHICAGO RIVER PHASE II  
**ALTERNATE ROUTES**

SCALE: 1"=600'  
DATE: 03/10/08

DRAWN: NS  
CHECKED: SM

**LEGEND**  
 OUTBOUND TRAFFIC  
 INBOUND TRAFFIC

FILE NAME = c:\pwworking\WILGREEND\DW125189.dwg	USER NAME = wilgreendp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL LOCATION MAP CONGRESS PARKWAY ALTERNATE ROUTES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN. PLOT DATE = 3/28/2009	DRAWN -	REVISED -		SCALE: 1"=600'	SHEET NO.	OF SHEETS	STA.	TO STA.	VAR.	2009-032 PP	COOK
								CONTRACT NO. 60G30				
								ILLINOIS FED. AID PROJECT				

CONGRESS PARKWAY DETOUR & ALTERNATE ROUTES	HMA 2" MILL & RESURFACE (SY)
SACRAMENTO BLVD.	84
WARREN AVE.	165
WASHINGTON BLVD.	178
WACKER DR.	534
OHIO ST.	49
ONTARIO ST.	610
ROOSEVELT RD.	204
MICHIGAN AVE.	854
ADAMS ST.	191
OGDEN AVE.	15
ADDITIONAL QUANTITY TO BE USED THROUGHOUT	400
<b>SUMMARY TOTALS:</b>	<b>3284</b>
	<b>SY</b>

FILE NAME =	USER NAME = wilgreendp	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF PATCHING SCHEDULE CONGRESS PARKWAY DETOUR &amp; ALTERNATE ROUTES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et\pwwork\pwwid\WILGREENDP\012510\9\0	design.dgn	DRAWN -	REVISED -			VAR.	2009-032 PP	COOK	18	6	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			<b>CONTRACT NO. 60G30</b>					
	PLOT DATE = 3/31/2009	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

ROUTE: SACRAMENTO BLVD.

CROSS STREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
SACRAMENTO BLVD.							
S. TAYLOR	I-290 BRIDGE	NB	1	6	10	60.0	6.7
S. TAYLOR	I-290 BRIDGE	NB	1	4	20	80.0	8.9
N JACKSON		SB	1	4	4	16.0	1.8
FILLMORE	ROOSEVELT	SB	2	12	50	600.0	66.7

84.0  
SY

ROUTE: WARREN AVE.

CROSS STREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
WARREN AVE.							
E SACRAMENTO	E WASHTENAW	EB	1	12	4	48.0	5.3
E SACRAMENTO	E WASHTENAW	EB	1	5	10	50.0	5.6
E SACRAMENTO	E WASHTENAW	EB	1	5	3	15.0	1.7
E SACRAMENTO	E WASHTENAW	EB	1	5	4	20.0	2.2
E SACRAMENTO	E WASHTENAW	EB	1	5	5	25.0	2.8
E SACRAMENTO	E WASHTENAW	EB	1	5	2	10.0	1.1
E SACRAMENTO	E WASHTENAW	EB	1	2	2	4.0	0.4
E SACRAMENTO	E WASHTENAW	EB	1	2	2	4.0	0.4
E SACRAMENTO	E WASHTENAW	EB	2	2	2	4.0	0.4
E SACRAMENTO	E WASHTENAW	EB	2	2	3	6.0	0.7
E WASHTENAW	E WESTERN	EB	2	3	3	9.0	1.0
E WASHTENAW	E WESTERN	EB	2	4	12	48.0	5.3
E WESTERN	W HOYNE	EB	2	12	10	120.0	13.3
E WESTERN	W HOYNE	EB	1 & 2	5	5	25.0	2.8
W HOYNE	E HOYNE	EB	2	5	5	25.0	2.8
E HOYNE	E DAMEN	EB	1	10	20	200.0	22.2
E DAMEN	WOOD	EB	1	10	30	300.0	33.3
E DAMEN	WOOD	EB	1	5	5	25.0	2.8
E DAMEN	WOOD	EB	3	5	75	375.0	41.7
E DAMEN	WOOD	EB	3	2	75	150.0	16.7
WOOD		EB	1 & 2	3	8	24.0	2.7

165.2  
SY

ROUTE: WASHINGTON BLVD.

CROSS STREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
WASHINGTON BLVD							
E ASHLAND	W ADA	EB	2	3	15	45.0	5.0
E ASHLAND	W ADA	EB	2	4	4	16.0	1.8
E ASHLAND	W ADA	EB	2	2	2	4.0	0.4
W ADA	W ABERDEEN	EB	1 & 2	5	5	25.0	2.8
W ABERDEEN	E JEFFERSON	EB	1	2	4	8.0	0.9
E JEFFERSON	W CANAL	EB	1	2	2	4.0	0.4
E JEFFERSON	W CANAL	EB	1	2	2	4.0	0.4
E JEFFERSON	W CANAL	EB	1 & 2	3	24	72.0	8.0
E JEFFERSON	W CANAL	EB	2	12	10	120.0	13.3
E JEFFERSON	W CANAL	EB	3	6	6	36.0	4.0
E JEFFERSON	W CANAL	EB	3	5	5	25.0	2.8
E JEFFERSON	W CANAL	EB	1	25	12	300.0	33.3
E JEFFERSON	W CANAL	EB	2	2	2	4.0	0.4
W CANAL	E CANAL	EB	1	2	2	4.0	0.4
W CANAL	E CANAL	EB	2	2	2	4.0	0.4
W CANAL	E CANAL	EB	1	2	2	4.0	0.4
W CANAL	E CANAL	EB	1	2	2	4.0	0.4
W CANAL	E CANAL	EB	2	2	2	4.0	0.4
W CANAL	E CANAL	EB	2	2	2	4.0	0.4
W CANAL	E CANAL	EB	2	2	2	4.0	0.4
W CANAL	E CANAL	EB	2	2	2	4.0	0.4
E CANAL	WACKER DR	EB	2	10	30	300.0	33.3
E CANAL	WACKER DR	EB	2	10	8	80.0	8.9
E CANAL	WACKER DR	EB	1	5	5	25.0	2.8
E CANAL	WACKER DR	EB	1	5	5	25.0	2.8
WEST OF WACKER		EB	1&2	2	24	48.0	5.3
		EB	3	5	5	25.0	2.8
		EB	2	4	8	32.0	3.6
EAST OF FRANKLIN		EB	4	4	8	32.0	3.6
		EB	3&4	4	24	96.0	10.7
		EB	3&4	6	12	72.0	8.0
		EB	3	6	12	72.0	8.0
WEST OF WELLS		EB	2	6	12	72.0	8.0
EAST OF WELLS		EB	3	4	4	16.0	1.8
WEST OF LASALLE		EB	3	3	5	15.0	1.7

177.4  
SY

ROUTE: WACKER DR.

CROSS STREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
WACKER DR.							
N WASHINGTON	S MADISON	NB	2	3	3	9.0	1.0
S MADISON	N MONROE	SB	3	6	600	3600.0	400.0
S MADISON	N MONROE	SB	1	6	20	120.0	13.3
S MADISON	N MONROE	SB	1	6	10	60.0	6.7
S MADISON	N MONROE	SB	1	4	4	16.0	1.8
S MADISON	N MONROE	SB	1	3	4	12.0	1.3
N MONROE	S MONROE	SB	1-3	3	36	108.0	12.0
S MONROE	N ADAMS	SB	1-3	3	36	108.0	12.0
S MONROE	N ADAMS	SB	1-3	2	36	72.0	8.0
N ADAMS	S ADAMS	SB	1-3	2	36	72.0	8.0
S ADAMS		SB	1-3	3	36	108.0	12.0
S ADAMS		SB	1	4	25	100.0	11.1
S ADAMS		SB	1 & 2	2	24	48.0	5.3
S ADAMS		SB	1	5	15	75.0	8.3
N HARRISON	N MONROE	NB	1	5	6	30.0	3.3
N HARRISON	N MONROE	NB	1	4	15	60.0	6.7
N MONROE	S LAKE	NB	1	3	10	30.0	3.3
N MONROE	S LAKE	NB	1-3	2	36	72.0	8.0
N MONROE	S LAKE	NB	1 & 2	2	15	30.0	3.3
S LAKE		NB	1-3	2	36	72.0	8.0

533.6  
SY

ROUTE: OHIO ST.

CROSS STREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
OHIO ST.							
W ORLEANS	E ORLEANS	EB	3	5	20	100.0	11.1
E ORLEANS	W MICHIGAN	EB	3	2	2	4.0	0.4
E ORLEANS	W MICHIGAN	EB	1	3	4	12.0	1.3
E ORLEANS	W MICHIGAN	EB	2	3	3	9.0	1.0
E ORLEANS	W MICHIGAN	EB	3	4	4	16.0	1.8
E ORLEANS	W MICHIGAN	EB	3	2	150	300.0	33.3

49.0  
SY

ROUTE: ONTARIO ST.

CROSS STREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
ONTARIO ST.							
MICHIGAN		NB-WB	LTL	3	3	9.0	1.0
W MICHIGAN	RUSH	WB	2	2	25	50.0	5.6
W MICHIGAN	RUSH	WB	3	3	25	75.0	8.3
W MICHIGAN	RUSH	WB	3	6	10	60.0	6.7
W MICHIGAN	RUSH	WB	1-2	2	80	160.0	17.8
RUSH		WB	2-3	3	24	72.0	8.0
W RUSH	W WABASH	WB	1	5	15	75.0	8.3
W RUSH	W WABASH	WB	3	4	100	400.0	44.4
W RUSH	W WABASH	WB	1	3	15	45.0	5.0
W RUSH	W WABASH	WB	2	2	8	16.0	1.8
W RUSH	W WABASH	WB	2	3	2	6.0	0.7
W WABASH	W DEARBORN	WB	2-3	5	5	25.0	2.8
W WABASH	W DEARBORN	WB	1	2	2	4.0	0.4
W WABASH	W DEARBORN	WB	2	2	2	4.0	0.4
W WABASH	W DEARBORN	WB	2	4	20	80.0	8.9
W WABASH	W DEARBORN	WB	1-2	2	2	4.0	0.4
W DEARBORN	E LASALLE	WB	1-2	6	100	600.0	66.7
W DEARBORN	E LASALLE	WB	3	4	25	100.0	11.1
W DEARBORN	E LASALLE	WB	3	4	20	80.0	8.9
W DEARBORN	E LASALLE	WB	3	6	20	120.0	13.3
W DEARBORN	E LASALLE	WB	3	12	15	180.0	20.0
W DEARBORN	E LASALLE	WB	1	5	3	15.0	1.7
W DEARBORN	E LASALLE	WB	2	3	10	30.0	3.3
W DEARBORN	E LASALLE	WB	1	4	15	60.0	6.7
W DEARBORN	E LASALLE	WB	1	2	2	4.0	0.4
W DEARBORN	E LASALLE	WB	1	4	3	12.0	1.3
W DEARBORN	E LASALLE	WB	2-3	5	5	25.0	2.8
W DEARBORN	E LASALLE	WB	1	3	30	90.0	10.0
E LASALLE	W FRANKLIN	WB	2	8	20	160.0	17.8
E LASALLE	W FRANKLIN	WB	3	12	150	1800.0	200.0
E LASALLE	W FRANKLIN	WB	3	6	6	36.0	4.0
E LASALLE	W FRANKLIN	WB	3	2	2	4.0	0.4
E LASALLE	W FRANKLIN	WB	3	4	4	16.0	1.8
E LASALLE	W FRANKLIN	WB	2	5	5	25.0	2.8
E LASALLE	W FRANKLIN	WB	1-2	15	40	600.0	66.7
E LASALLE	W FRANKLIN	WB	1	4	12	48.0	5.3
E LASALLE	W FRANKLIN	WB	1-2	5	20	100.0	11.1
E LASALLE	W FRANKLIN	WB	3	6	10	60.0	6.7
W FRANKLIN	E ORLEANS	WB	1-2	4	4	16.0	1.8
W FRANKLIN	E ORLEANS	WB	1-2	4	12	48.0	5.3
W FRANKLIN	E ORLEANS	WB	3	3	50	150.0	16.7
W FRANKLIN	E ORLEANS	WB	LTL	2	2	4.0	0.4
E ORLEANS		WB	2	5	5	25.0	2.8

610.3  
SY



ROUTE: ROOSEVELT RD.

CROSS STREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
ROOSEVELT RD.							
W MICHIGAN	STATE ST INTERCHANGE	WB	2	2	2	4.0	0.4
W MICHIGAN	STATE ST INTERCHANGE	WB	1	2	2	4.0	0.4
STATE ST INTERCHANGE	ON BRIDGE	WB	2 & 3	6	24	144.0	16.0
STATE ST INTERCHANGE	ON BRIDGE	WB	1	2	2	4.0	0.4
STATE ST INTERCHANGE	ON BRIDGE	WB	1	2	2	4.0	0.4
STATE ST INTERCHANGE	ON BRIDGE	WB	1	2	2	4.0	0.4
W OF CANAL	W OF CLINTON	WB	BUS	2	2	4.0	0.4
W OF CANAL	W OF CLINTON	WB	1 + LTL	4	12	48.0	5.3
W OF CLINTON	INT. JEFFERSON	WB	1	2	2	4.0	0.4
W OF CLINTON	INT. JEFFERSON	WB	1	2	6	12.0	1.3
INT. JEFFERSON	W OF JEFFERSON	WB	2	5	5	25.0	2.8
INT. JEFFERSON	W OF JEFFERSON	WB	LTL	5	4	20.0	2.2
W OF JEFFERSON	DAN RYAN BRIDGE	WB	2	6	5	30.0	3.3
W OF JEFFERSON	DAN RYAN BRIDGE	WB	1	3	3	9.0	1.0
W OF JEFFERSON	DAN RYAN BRIDGE	WB	1	2	2	4.0	0.4
DAN RYAN BRIDGE		WB	1 & 2	3	3	9.0	1.0
W UNION		WB	1	2	2	4.0	0.4
AT BLUE ISLAND		WB	2	2	20	40.0	4.4
W OF RACINE		WB	2	2	2	4.0	0.4
AT ASHLAND		WB	2	3	3	9.0	1.0
W OF WOOD	W OF DAMEN	WB	1 & 2	2	2	4.0	0.4
W OF WOOD	W OF DAMEN	WB	2	4	2	8.0	0.9
W OF DAMEN	HAMILTON	WB	2	2	2	4.0	0.4
W OF DAMEN	HAMILTON	WB	2	2	2	4.0	0.4
HAMILTON	W OF OGDEN	WB	2	4	7	28.0	3.1
HAMILTON	W OF OGDEN	WB	2	10	6	60.0	6.7
HAMILTON	W OF OGDEN	WB	2	2	6	12.0	1.3
W OF OGDEN	W OF WESTERN	WB	2	5	5	25.0	2.8
W OF WESTERN	W OF CAMPBELL	WB	2	12	6	72.0	8.0
W OF WESTERN	W OF CAMPBELL	WB	1 & 2	24	5	120.0	13.3
W OF WESTERN	W OF CAMPBELL	WB	2	10	6	60.0	6.7
W OF WESTERN	W OF CAMPBELL	WB	1	12	3	36.0	4.0
W OF CAMPBELL	W OF CALIFORNIA	WB	1	12	2	24.0	2.7
W OF CAMPBELL	W OF CALIFORNIA	WB	1	12	3	36.0	4.0
W OF CAMPBELL	W OF CALIFORNIA	WB	1 & 2	10	5	50.0	5.6
W OF CAMPBELL	W OF CALIFORNIA	WB	1	4	2	8.0	0.9
AT CALIFORNIA		WB	2	3	3	9.0	1.0
W OF CALIFORNIA	SACRAMENTO	WB	2	5	2	10.0	1.1
SACRAMENTO		WB	2	2	2	4.0	0.4
SACRAMENTO		WB	2	2	2	4.0	0.4
W OF SACRAMENTO	E OF SACRAMENTO	EB	2	5	10	50.0	5.6
E OF SACRAMENTO	E OF CALIFORNIA	EB	2	3	4	12.0	1.3
E OF SACRAMENTO	E OF CALIFORNIA	EB	2	6	10	60.0	6.7
E OF SACRAMENTO	E OF CALIFORNIA	EB	2	6	3	18.0	2.0
E OF SACRAMENTO	E OF CALIFORNIA	EB	2	6	8	48.0	5.3
E OF SACRAMENTO	E OF CALIFORNIA	EB	2	5	12	60.0	6.7

ROUTE: ROOSEVELT RD.

CROSS STREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
AT FAIRFIELD		EB	2	5	5	25.0	2.8
E OF FAIRFIELD	W OF WESTERN	EB	2	5	2	10.0	1.1
E OF FAIRFIELD	W OF WESTERN	EB	1	2	2	4.0	0.4
E OF FAIRFIELD	W OF WESTERN	EB	1 & 2	24	4	96.0	10.7
E OF FAIRFIELD	W OF WESTERN	EB	2	2	2	4.0	0.4
W OF WESTERN	W OF OGDEN	EB	2	2	20	40.0	4.4
W OF OGDEN	E OF OGDEN	EB	PARK	5	5	25.0	2.8
E OF OGDEN	E OF DAMEN	EB	1	12	2	24.0	2.7
E OF OGDEN	E OF DAMEN	EB	RTL	2	3	6.0	0.7
E OF DAMEN	ASHLAND	EB	1 & 2	2	2	4.0	0.4
E OF DAMEN	ASHLAND	EB	1	4	6	24.0	2.7
E OF DAMEN	ASHLAND	EB	1	3	7	21.0	2.3
AT ASHLAND		EB	1	2	2	4.0	0.4
E ASHLAND	E RACINE	EB	1	2	2	4.0	0.4
E ASHLAND	E RACINE	EB	1 & 2	2	5	10.0	1.1
E ASHLAND	E RACINE	EB	2	3	4	12.0	1.3
E ASHLAND	E RACINE	EB	2	2	4	8.0	0.9
E RACINE	E NEWBERRY	EB	2	5	5	25.0	2.8
E NEWBERRY	UNION	EB	2	12	2	24.0	2.7
AT UNION		EB	2	7	10	70.0	7.8
AT JEFFERSON		EB	1 & 2	5	5	25.0	2.8
E JEFFERSON	CLINTON	EB	1 & 2	4	5	20.0	2.2
AT CLINTON		EB	2	5	5	25.0	2.8
E CLINTON	CANAL	EB	2	2	6	12.0	1.3
AT CANAL		EB	2	2	2	4.0	0.4
ON BRIDGE	WABASH	EB	2	4	5	20.0	2.2
ON BRIDGE	WABASH	EB	2	3	4	12.0	1.3
ON BRIDGE	WABASH	EB	2	3	3	9.0	1.0
ON BRIDGE	WABASH	EB	2	3	4	12.0	1.3
ON BRIDGE	WABASH	EB	1 & 2	2	2	4.0	0.4
AT WABASH		EB	2	2	2	4.0	0.4
WABASH	E MICHIGAN	EB	1	2	10	20.0	2.2
WABASH	E MICHIGAN	EB	RTL	4	5	20.0	2.2

204.3  
SY

ROUTE: MICHIGAN AVE.

Table with columns: CROSS STREETS (FROM, TO), DIRECTION (EB/WB, NB/SB), LANE NO. (1, 2, 3), PAVEMENT PATCH WIDTH, PAVEMENT PATCH LENGTH, REPAIR AREA (SQ FT), REPAIR AREA (SQ YD). Lists various street intersections along Michigan Ave.

ROUTE: MICHIGAN AVE.

Table with columns: CROSS STREETS (FROM, TO), DIRECTION (EB/WB, NB/SB), LANE NO. (1, 2, 3), PAVEMENT PATCH WIDTH, PAVEMENT PATCH LENGTH, REPAIR AREA (SQ FT), REPAIR AREA (SQ YD). Lists various street intersections along Michigan Ave.

854.0 SY

Project information footer including: FILE NAME, USER NAME, DESIGNED, DRAWN, PLOT SCALE, PLOT DATE, STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION, PATCHING SCHEDULE CONGRESS PARKWAY DETOUR & ALTERNATE ROUTES, SCALE, SHEET NO., OF SHEETS, STA., TO STA., F.A. RTE., SECTION, COUNTY, COOK, TOTAL SHEETS, SHEET NO., CONTRACT NO. 60630, FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT.

ROUTE: ADAMS ST.

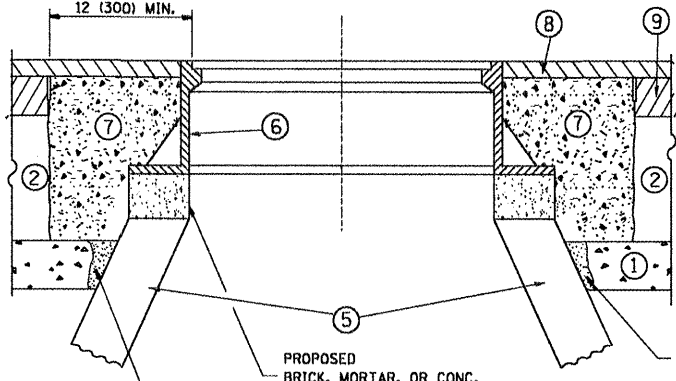
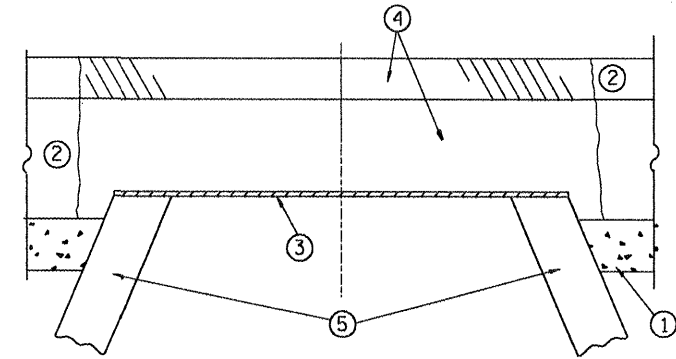
CROSS STREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
ADAMS ST.							
W MICHIGAN AVE	W STATE	WB	1	2	2	4.0	0.4
W MICHIGAN AVE	W STATE	WB	1	2	2	4.0	0.4
W MICHIGAN AVE	W STATE	WB	1	3	2	6.0	0.7
W MICHIGAN AVE	W STATE	WB	2	5	3	15.0	1.7
W MICHIGAN AVE	W STATE	WB	2	3	4	12.0	1.3
W MICHIGAN AVE	W STATE	WB	1	10	20	200.0	22.2
W MICHIGAN AVE	W STATE	WB	1	5	20	100.0	11.1
W STATE	W WACKER DR	WB	1	20	5	100.0	11.1
W WACKER DR	W JEFFERSON	WB	1	10	12	120.0	13.3
W WACKER DR	W JEFFERSON	WB	3	4	4	16.0	1.8
W JEFFERSON	PEORIA	WB	1	3	3	9.0	1.0
W JEFFERSON	PEORIA	WB	1	2	5	10.0	1.1
W JEFFERSON	PEORIA	WB	3	2	3	6.0	0.7
W JEFFERSON	PEORIA	WB	3	2	40	80.0	8.9
W JEFFERSON	PEORIA	WB	1 & 2	10	10	100.0	11.1
W JEFFERSON	PEORIA	WB	1 & 2	10	8	80.0	8.9
W JEFFERSON	PEORIA	WB	1 & 2	20	8	160.0	17.8
W JEFFERSON	PEORIA	WB	1	3	3	9.0	1.0
W JEFFERSON	PEORIA	WB	2	3	3	9.0	1.0
AT PEORIA		WB	1	8	8	64.0	7.1
AT PEORIA		WB	1	2	8	16.0	1.8
W PEORIA	W ABERDEEN	WB	2	4	10	40.0	4.4
W PEORIA	W ABERDEEN	WB	2	2	90	180.0	20.0
W PEORIA	W ABERDEEN	WB	1	4	15	60.0	6.7
W PEORIA	W ABERDEEN	WB	1	3	2	6.0	0.7
W PEORIA	W ABERDEEN	WB	1	2	2	4.0	0.4
W PEORIA	W ABERDEEN	WB	1 & 2	2	24	48.0	5.3
W PEORIA	W ABERDEEN	WB	2	3	10	30.0	3.3
W PEORIA	W ABERDEEN	WB	2	4	12	48.0	5.3
W ABERDEEN	W THROOP	WB	1	3	3	9.0	1.0
W ABERDEEN	W THROOP	WB	2	3	20	60.0	6.7
W ABERDEEN	W THROOP	WB	1	2	8	16.0	1.8
AT THROOP		WB	1	6	6	36.0	4.0
W THROOP	VAN BUREN	WB	1	4	15	60.0	6.7
W THROOP	VAN BUREN	WB	2	2	2	4.0	0.4

191.2  
SY

ROUTE: OGDEN AVE.

CROSS STREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
OGDEN AVE.							
S ADAMS	N VAN BUREN	SW	1	5	5	25.0	2.8
S ADAMS	N VAN BUREN	SW	2	6	10	60.0	6.7
S ADAMS	N VAN BUREN	SW	2	5	5	25.0	2.8
S ADAMS	N VAN BUREN	SW	2	2	10	20.0	2.2

14.4  
SY



**CONSTRUCTION PROCEDURES**

- STAGE 1 (BEFORE PAVEMENT MILLING)**
- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
  - B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
  - C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
  - D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

- STAGE 2 (AFTER PAVEMENT MILLING)**
- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
  - B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
  - C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS SI CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS SI CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

**LOCATION OF STRUCTURES:**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:** THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL"  
NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

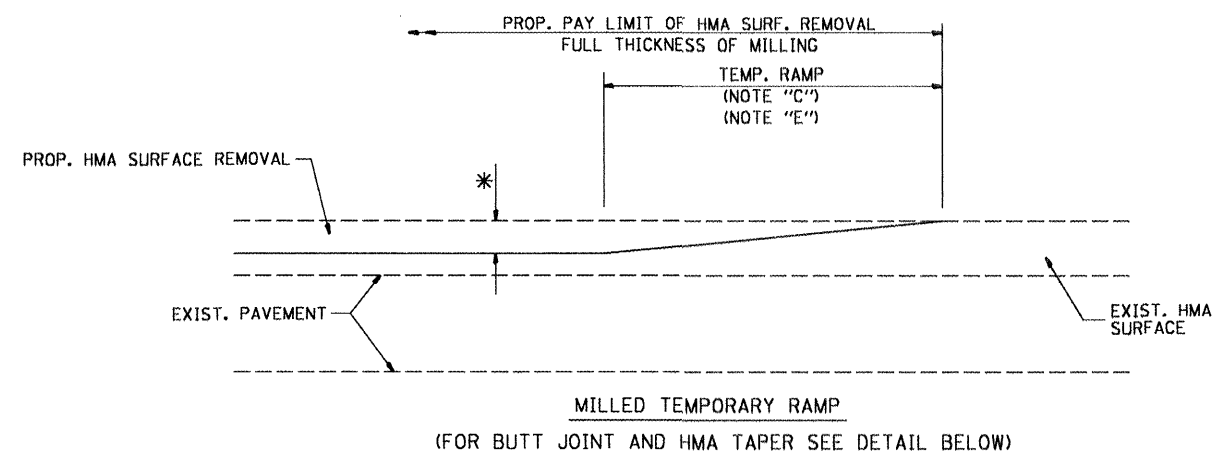
WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

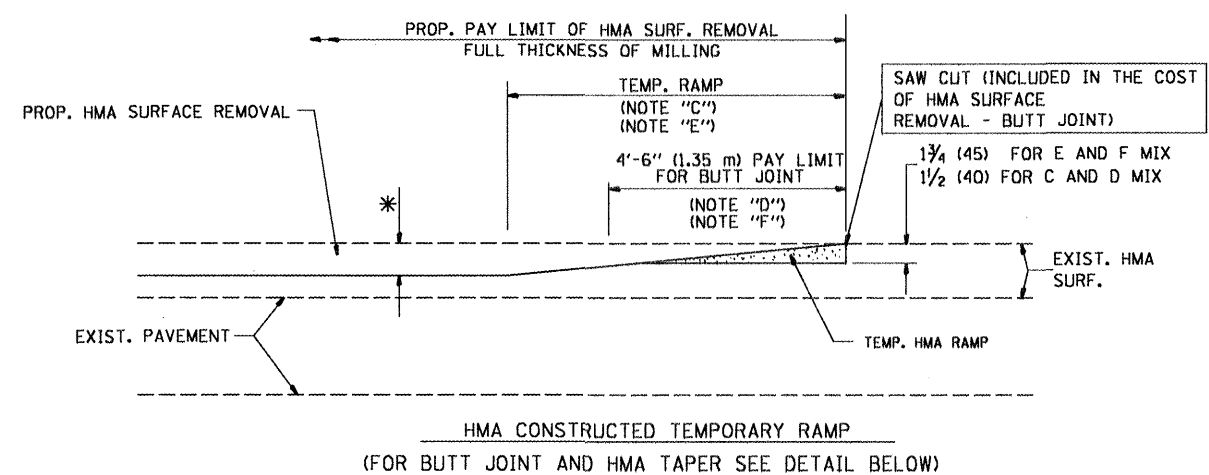
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = wilgreendp	DESIGNED - R. SHAH	REVISED - R. SHAH 03-10-95	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b>			F.A. RTE. <b>VAR 2009-032 PP</b>	SECTION <b>COOK</b>	COUNTY <b>COOK</b>	TOTAL SHEETS <b>18</b>	SHEET NO. <b>12</b>
os:\pw-work\PW\DDT\WILGREENDP\00125109\0	atStd.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	<b>BD600-03 (BD-8)</b>	CONTRACT NO. <b>60630</b>			
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED - R. WIEDEMAN 05-14-04		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
	PLOT DATE = 3/30/2009	DATE - 10-25-94	REVISED - R. BORO 01-01-07									



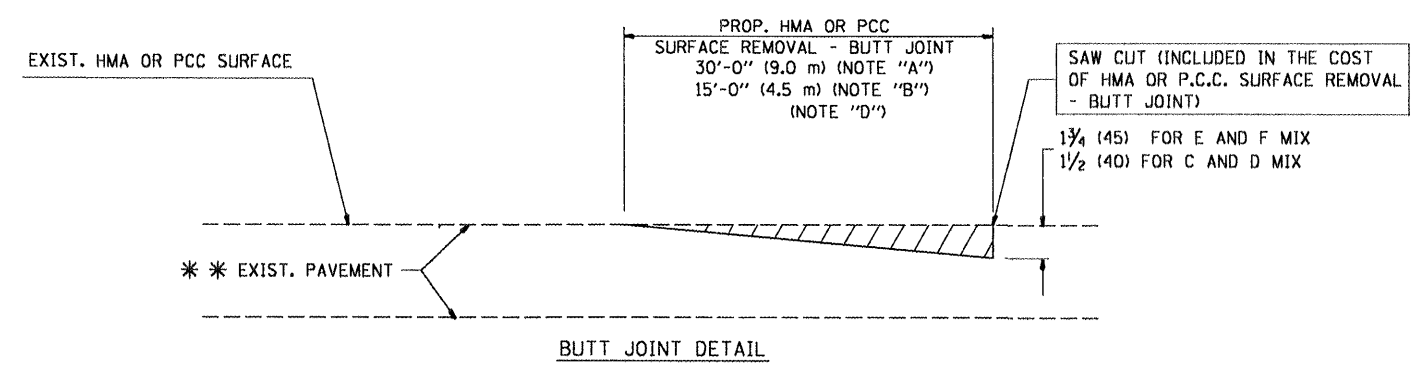


**OPTION 1**

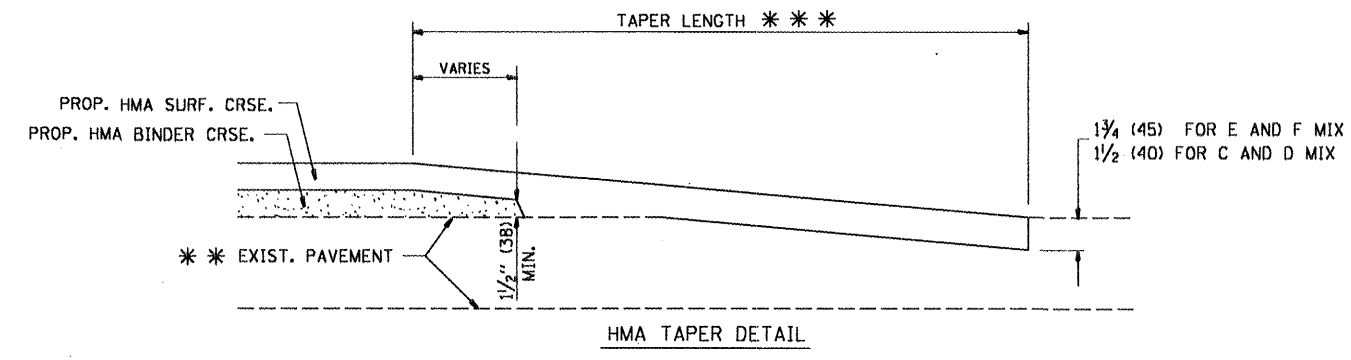


**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

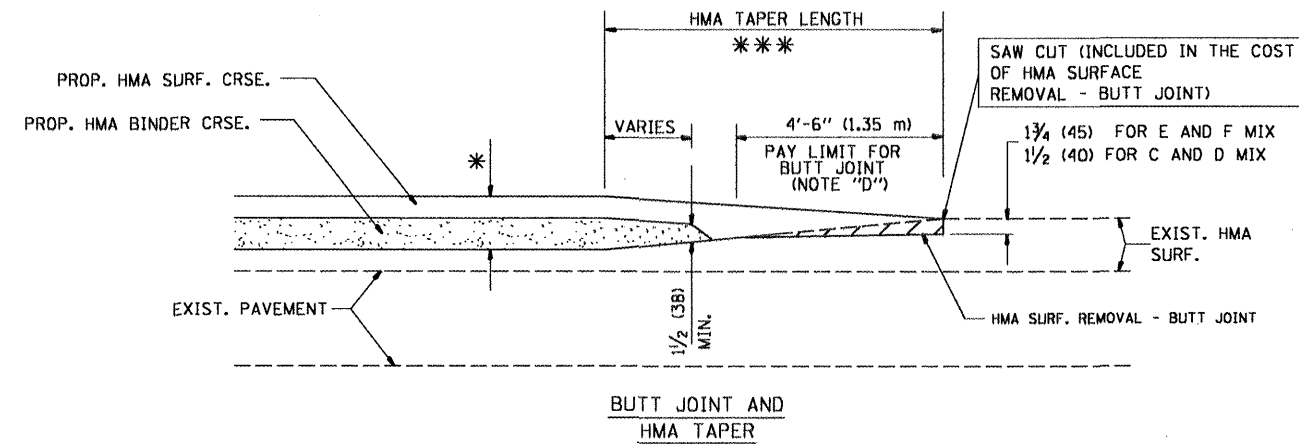
**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



**BUTT JOINT AND HMA TAPER**

**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**

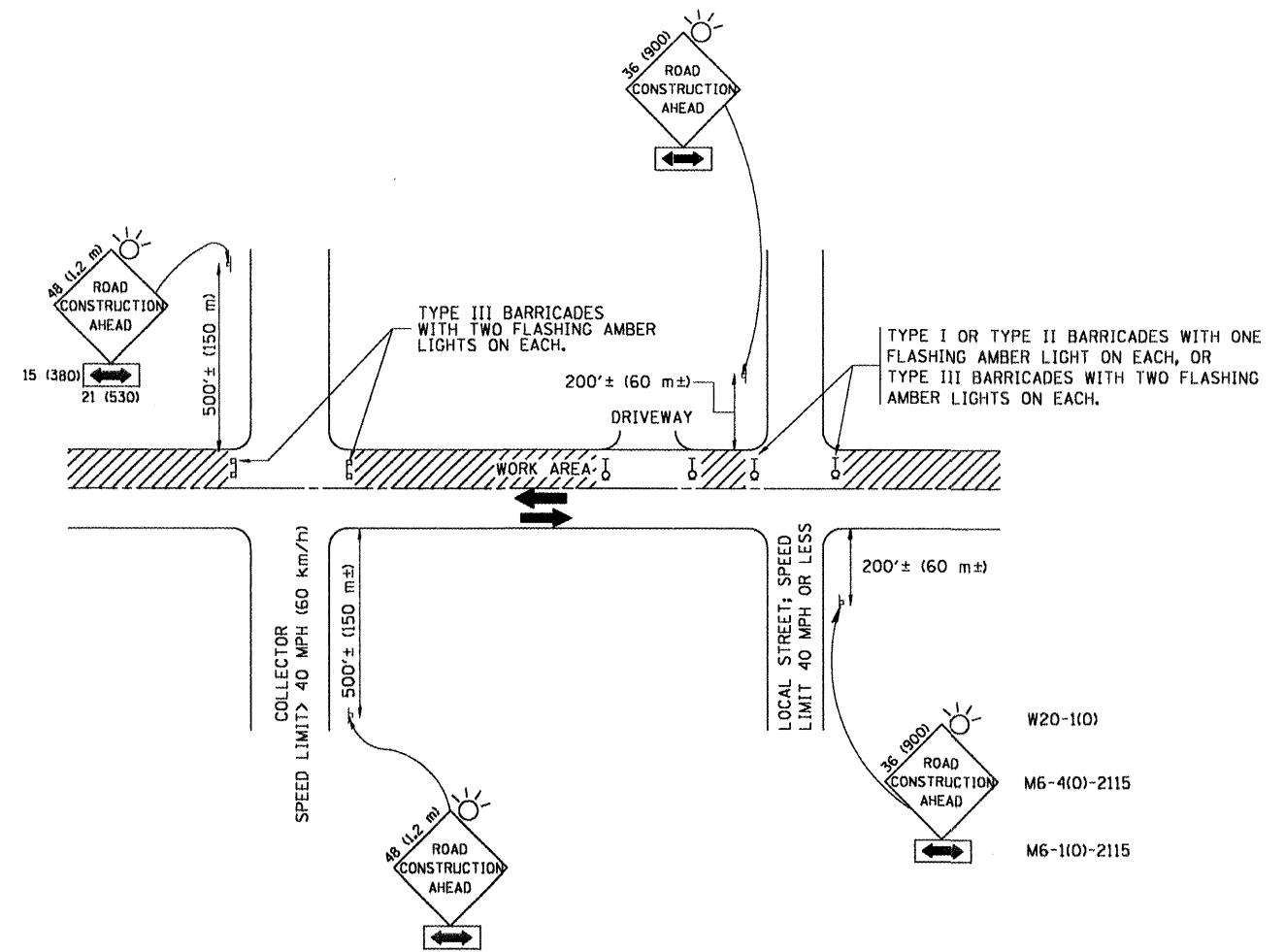
FILE NAME =	USER NAME = wilgreendp	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
es:\pw\work\PW1001\WILGREENDP\012510\9\01\st5td.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 3/30/2009		DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND  
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR 2009-032 A	BD32	COOK	18	13
BD400-05			CONTRACT NO. 60630	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

**NOTES:**

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
  1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

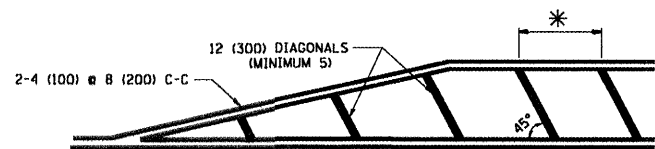
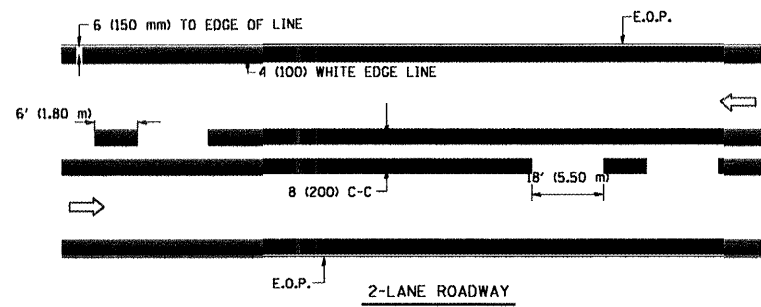
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME =	USER NAME = wlgreendp	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
at\pwork\PW1001\WILGREENDP\0125101\01	stStd.dgn	DRAWN -	REVISED - A. HOUSEH 03-06-96
PLOT SCALE = 100.0000 / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96	
PLOT DATE = 3/30/2009	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00	

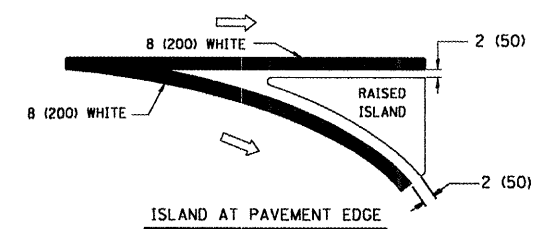
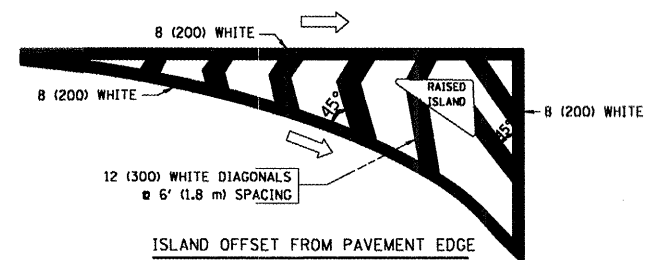
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS</b>		
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.

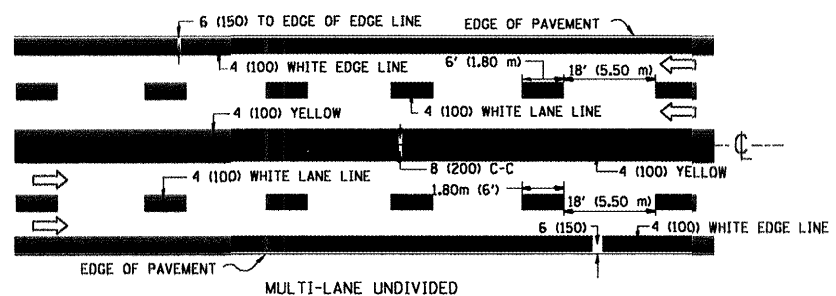
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-032 PP	COOK	18	14
TC-10			CONTRACT NO. 60630	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				



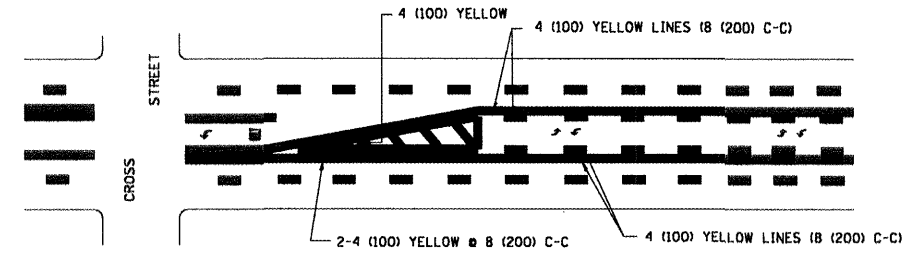
\* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.  
 \* DIAGONAL LINE SPACING: 20' (6.1 m) C-C



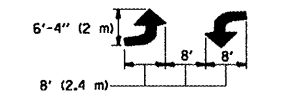
TYPICAL ISLAND MARKING



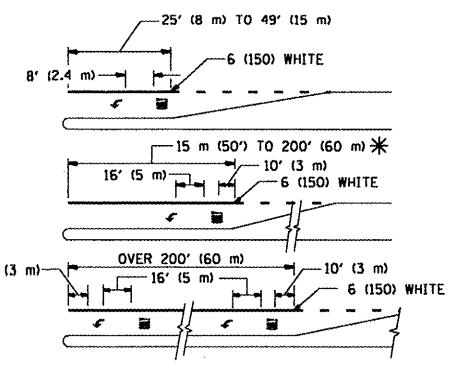
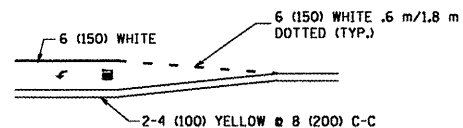
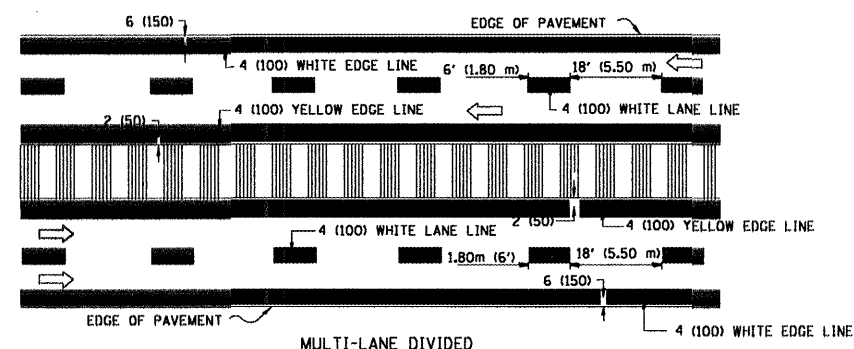
PAINTED MEDIANS



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



TYPICAL PAINTED MEDIAN MARKING

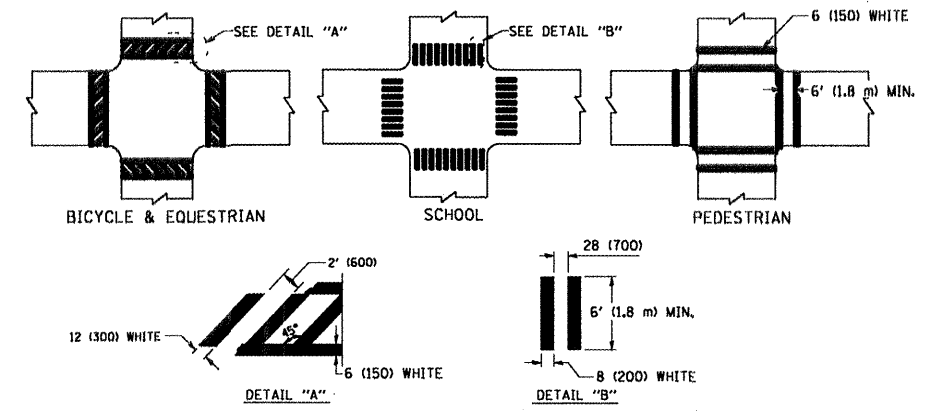


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.8 SQ. FT. (1.47 m<sup>2</sup>) ONLY AREA = 22.9 SQ. FT. (2.13 m<sup>2</sup>)  
 \* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL TURN LANE MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES; FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	8 (200) C-C
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 8 (200) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2'-4" (700) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	8 (200) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 20' (6.1 m) (LESS THAN 30 MPH (50 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )

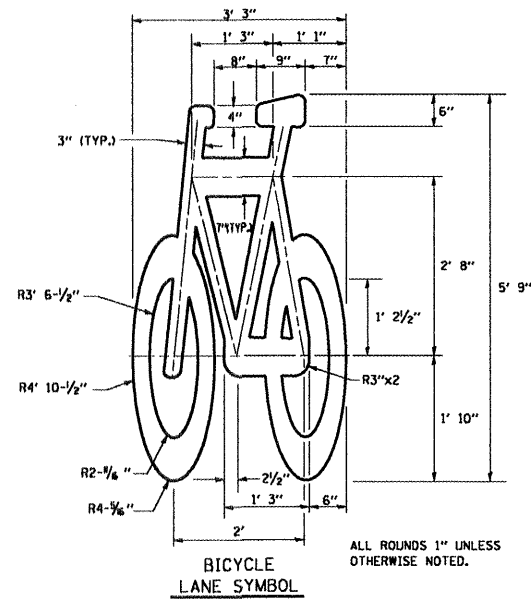
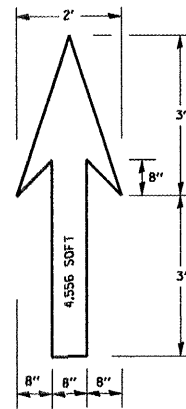
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

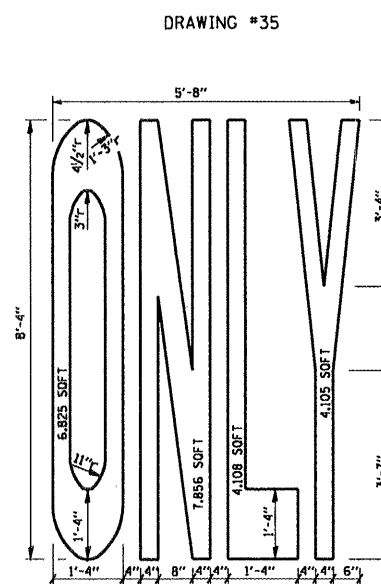
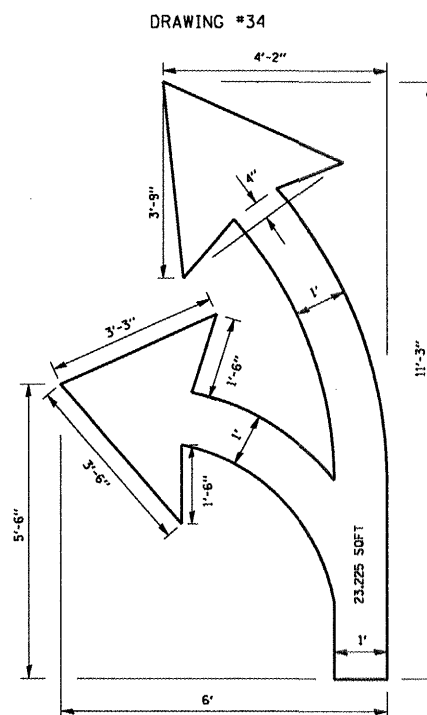
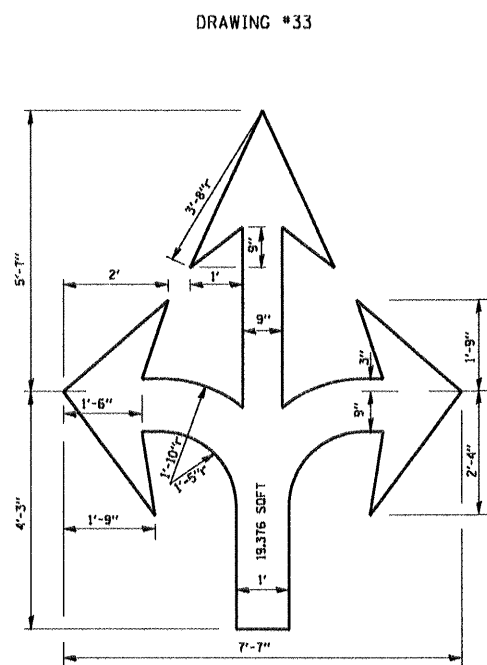
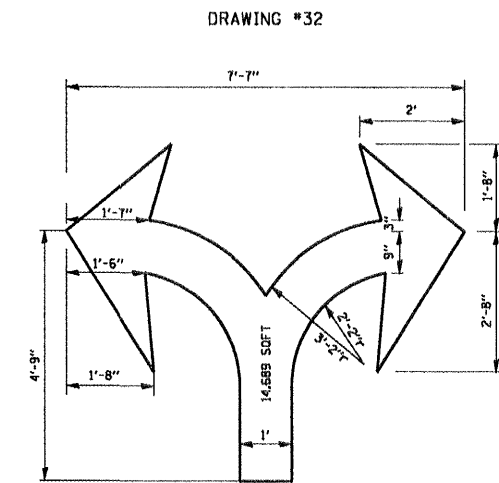
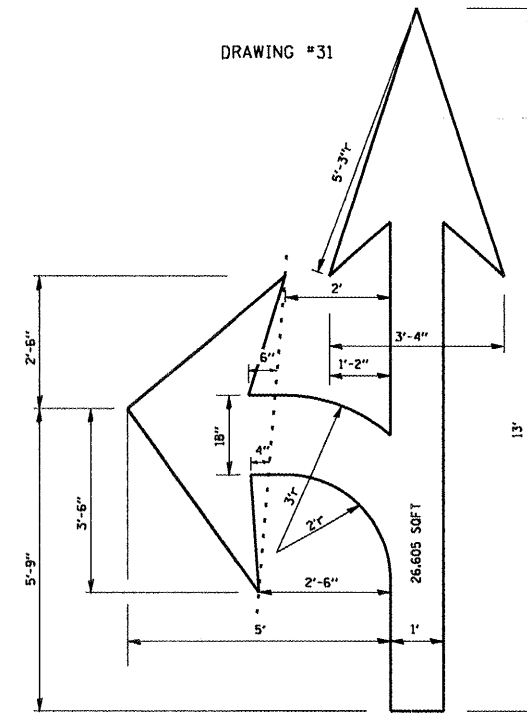
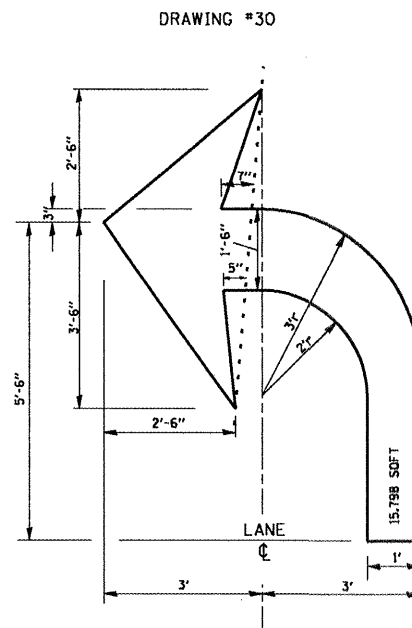
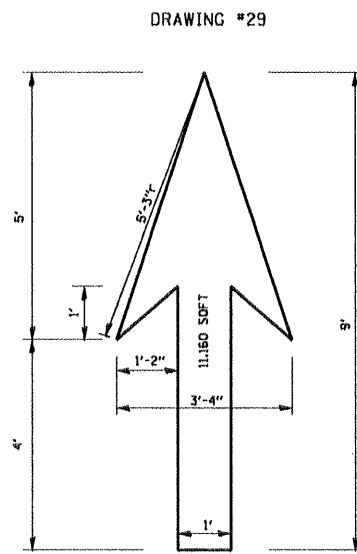
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



- NOTE:**
- FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.
  - THE RESIDENT ENGINEER SHALL CONTACT MR. BEN COMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

**TYPICAL BIKE LANE SYMBOLS**  
DRAWING #28



**NOTE:**  
ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

FILE NAME =	USER NAME = wilgreendp	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
at:\pwwork\PW\DDOT\WILGREENDP\d0126109\D	et5td.dgn	DRAWN -	REVISED -
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	PLOT DATE = 3/30/2009	DATE -	REVISED -

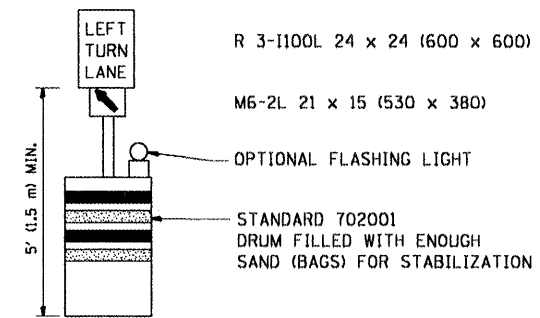
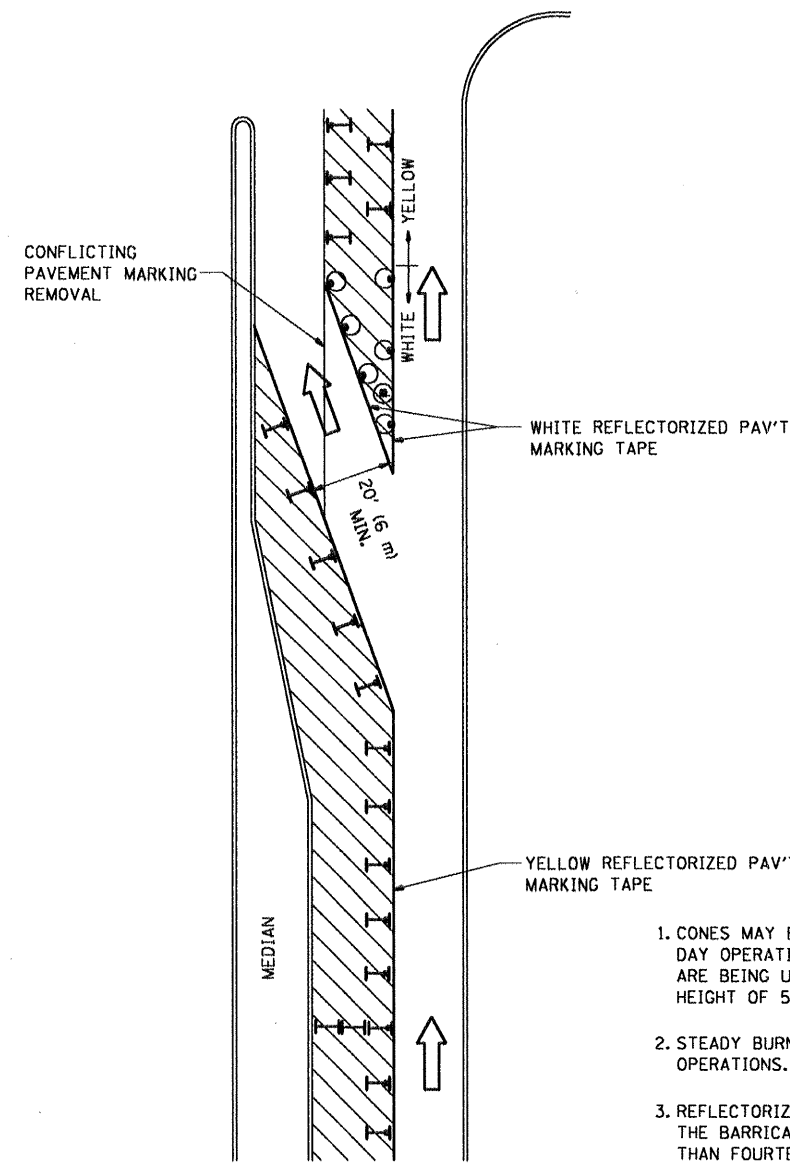
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CITY OF CHICAGO**  
**TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR. 2009-032 AP	TC-24	COOK	18	16
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60630	











**GENERAL NOTES**

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

**LEGEND**

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

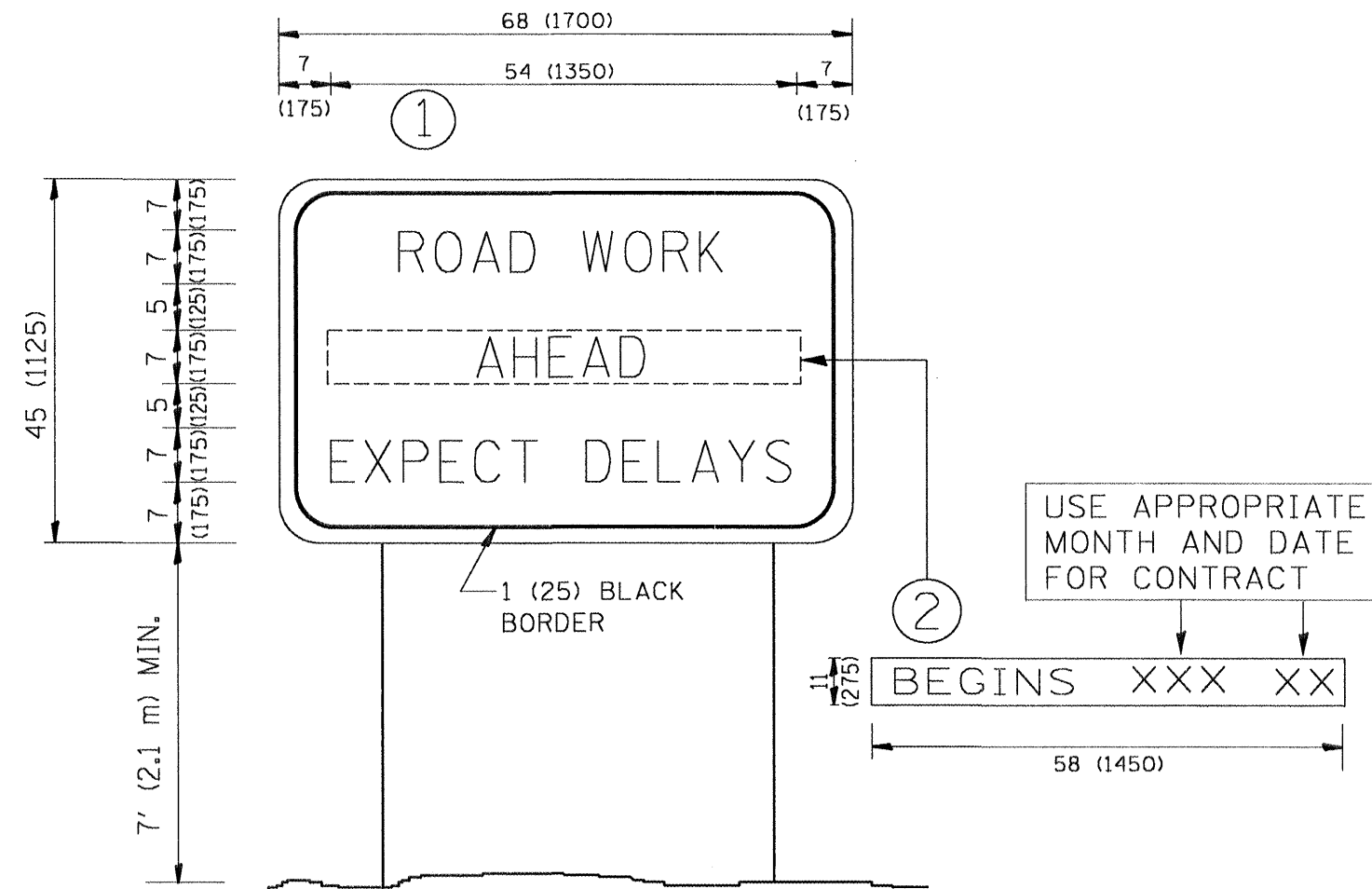
FILE NAME =	USER NAME = wilgreendp	DESIGNED -	REVISED - T. RAMMACHER 09-08-94
ca\ppl_work\PWIDDT\WILGREENDP\d0125109\ND	stStd.dgn	DRAWN -	REVISED - A. HOUSEH 11-07-95
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-12-96	
PLOT DATE = 3/30/2009	DATE -	REVISED - T. RAMMACHER 01-06-00	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS  
(TO REMAIN OPEN TO TRAFFIC)**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR. 2009-032 PP	TC-14	COOK	18	17
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60630	



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = wilgreendp	DESIGNED -	REVISED - R. MIRS 09-15-97
ca\pwwork\pww\1011\WILGREENDP\10126109\10126109.dgn	at5td.dgn	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99	
PLOT DATE = 3/30/2009	DATE -	REVISED - C. JUCIUS 01-31-07	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD  
INFORMATION SIGN

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2009-032 PP	COOK	18	18
	TC-22	CONTRACT NO. 60030		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				