06-13-14 LETTING ITEM 224

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	1
	ILLINOIS	CONTRACT NO. 60Y08		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

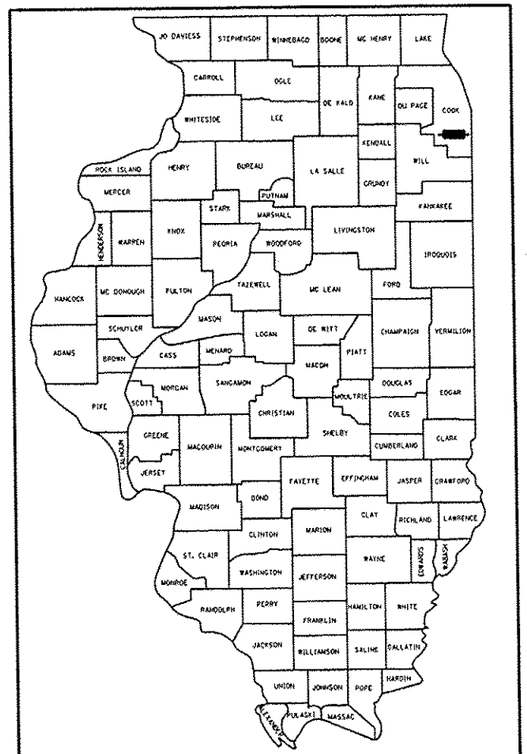
PROPOSED
HIGHWAY PLANS

VARIOUS ROUTES
SECTION: 2014-022RS
VARIOUS LOCATIONS IN SOUTHERN COOK COUNTY
INTERMITTENT RESURFACING
COOK COUNTY
C-91-298-14

FOR INDEX OF SHEETS, SEE SHEET NO. 2

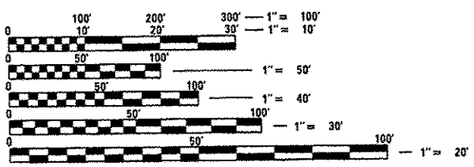
THIS PROJECT IS LOCATED IN:
THE VILLAGE OF ALSIP
THE VILLAGE OF CRESTWOOD
THE VILLAGE OF DOLTON
THE VILLAGE OF LANSING
THE VILLAGE OF MIDLOTHIAN
THE VILLAGE OF ORLAND HILLS
THE VILLAGE OF ORLAND PARK
THE VILLAGE OF THORNTON
THE VILLAGE OF TINLEY PARK
THE VILLAGE OF WILLOW SPRINGS
THE CITY OF BLUE ISLAND
THE CITY OF CHICAGO HEIGHTS
THE CITY OF OAK FOREST
THE CITY OF PALOS HEIGHTS

D-91-298-14



LOCATION OF SECTION INDICATED THUS: –■–

FOR GENERAL LOCATION MAPS, SEE SHEET NO. 4



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 3 20 14
John Fortmann
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 9 20 14
John D. Baranzelli P.E. by
ENGINEER OF DESIGN AND ENVIRONMENT
May 9 20 14
Omer Osman P.E. by
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PROJECT ENGINEER: DANIEL WILGREEN (847) 705-4240
PROJECT MANAGER: KEN ENG (847) 705-4247

CONTRACT NO. 60Y08

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES
701421-06	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS $\geq$ 45 MPH TO 55 MPH
701426-06	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS $\geq$ 45 MPH
701427-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS $\leq$ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-03	TRAFFIC CONTROL DEVICES

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)

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)

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 INTERMITTENT RESURFACING 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 ENGINEER SHALL CONTACT WALLY CZARNY, AREA TRAFFIC FIELD ENGINEER AT (773) 685-4342 MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.

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 INTERMITTENT RESURFACING LOCATIONS SHOWN IN THE PLANS ARE TWO (2) INCH MILL AND RESURFACE ONLY. THE MINIMUM WIDTH FOR INTERMITTENT RESURFACING SHALL BE THREE (3) FEET.

NO PATCHING OR RESURFACING IS TO BE DONE WITHIN FIFTY (50) FEET OF ANY RAILROAD CROSSING.

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.

ANY DETECTOR LOOPS DAMAGED BY MILLING SHALL BE REPLACED IN KIND.
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO QUANTIFY LOOP REPLACEMENTS NEEDED AND PROVIDE THE RESIDENT ENGINEER THIS INFORMATION PRIOR TO GRINDING OR REMOVAL.

ALL LOOP DETECTOR LOCATIONS SHALL BE CURB MARKED BY THE CONTRACTOR PRIOR TO MILLING FOR THE PURPOSE OF REESTABLISHING DETECTOR LOOP LAYOUT AFTER THE RESURFACING IS COMPLETED.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).

OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
ANY MILLED PAVEMENT IS TO BE RESURFACED BY THE END OF EACH DAY AND OPEN TO TRAFFIC.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS (%) @ $N_{DES.}$	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5MM), 2"	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA)		

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE

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	Cook-SouthRdgn	DRAWN -	REVISED -
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	PLOT DATE = 4/3/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	2
		CONTRACT NO. 60Y08		
	ILLINOIS FED. AID PROJECT			

	SUMMARY OF QUANTITIES		URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE 0005					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	32	32					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	632	632					
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2359	2359					
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	21055	21055					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	10	10					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
67100100	MOBILIZATION	L SUM	1	1					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	2095	2095					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	698	698					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	429	429					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	22172	22172					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	865	865					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	50	50					
19 * 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	100	100					
* SPECIALTY ITEM									

	SUMMARY OF QUANTITIES		URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE 0005					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	531	531					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	606	606					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	606	606					
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	864	864					
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9475	9475					
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	797	797					
19									
* SPECIALTY ITEM									

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	3
		CONTRACT NO. 60Y08		
		ILLINOIS FED. AID PROJECT		

DU PAGE

COOK

WILL

INDIANA

LOCATION 1
LOCATION 2
LOCATION 3
LOCATION 4
LOCATION 5
LOCATION 6
LOCATION 7
LOCATION 8
LOCATION 9
LOCATION 10
LOCATION 11
LOCATION 12
LOCATION 13
LOCATION 14
LOCATION 15
LOCATION 16

HICKORY HILLS
OAK LAWN
EVERGREEN PARK
WORTH
ALSIP
BLUE ISLAND
CALUMET PARK
RIVER-DALE
DOLTON
ROMEO-VILLE
MIDLOTHIAN
HAR-VEY
SOUTH HOLLAND
CALUMET CITY
MARKHAM
TINLEY PARK
HAZEL CREST
HOMEWOOD
LANSING
MARLEY
CHICAGO HEIGHTS
PARK FOREST
STEGER

FILE NAME = c:\pw_work\pwidot\aumm\d0382486\HMA-Cook-South.dgn	USER NAME = Aumm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL LOCATION MAP VARIOUS LOCATIONS IN SOUTHERN COOK COUNTY	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -			VAR.	2014-022RS	COOK	30	4
Default	PLOT DATE = 4/3/2014	CHECKED -	REVISED -						CONTRACT NO. 60Y08	
		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS	FED. AID PROJECT	

	SUMMARY - SOUTHERN COOK COUNTY ARTERIAL ROUTES	CITIES/VILLAGES	TOWNSHIPS	SPEED LIMIT	EXISTING ADT (YEAR)
LOC.1	147TH ST. (OAK PARK AVE. TO CICERO AVE.)	MIDLOTHIAN, OAK FOREST	BREMEN	35-45 MPH	11,100 (2010)
LOC.2	IL 83 (RIDGELAND AVE. TO SOUTHWEST HWY.)	PALOS HEIGHTS	PALOS, WORTH	35-45 MPH	16,700 (2013)
LOC.3	IL 171 (SOUTH OF 104TH AVE. TO 107TH ST.)	WILLOW SPRINGS	LEMONT, PALOS	35-55 MPH	12,200 (2013)
LOC.4	HARLEM AVE. (163RD ST. TO 183RD ST.)	TINLEY PARK	ORLAND, BREMEN	40-45 MPH	37,900 (2013)
LOC.5	MAIN ST. (W. OF ARCHER / E. OF ARCHER (ARCHER & 111TH).)	UNINCORPORATED	LEMONT	45 MPH	14,100 (2013)
LOC.6	ARCHER AVENUE (BELL ROAD TO OLD BELL ROAD)	UNINCORPORATED	LEMONT	45 MPH	30,100 (2013)
LOC.7	EB 127TH ST. (PULASKI AVE. TO KEDZIE AVE.)	ALSIP, BLUE ISLAND	WORTH	40 MPH	27,900 (2013)
LOC.8	159TH ST. (94TH AVE. TO RIDGELAND AVE)	OAK FOREST, ORLAND HILLS, ORLAND PARK, TINLEY PARK	BREMEN, ORLAND	35-445 MPH	39,300 (2013)
LOC.9	SB CICERO AVE. (MIDLOTHIAN TPK. TO 147TH ST.)	CRESTWOOD, MIDLOTHIAN	BREMEN	35 MPH	34,000 (2013)
LOC.10	WOLF RD. (153RD ST. TO 183RD ST.)	ORLAND PARK	ORLAND	45 MPH	19,000 (2013)
LOC.11	LAGRANGE RD. (111TH ST. TO IL 83)	UNINCORPORATED	PALOS	45 MPH	35,100 (2013)
LOC.12	THORNTON LANSING RD./MARGARET ST. (SCHWAB ST. TO TORRENCE AVE.)	LANSING, THORNTON	THORNTON	30-45 MPH	7,200 (2012)
LOC.13	US 30 (HALSTED ST. TO STATE ST.)	CHICAGO HEIGHTS	BLOOM	35 MPH	19,000 (2013)
LOC.14	142ND ST./MAIN ST./DOLTON AVE. (INDIANA AVE. TO I-94)	DOLTON	THORNTON	30-35 MPH	12,400 (2010)
LOC.15	COTTAGE GROVE AVE. (IL 83/SIBLEY BLVD. TO 154TH ST.)	DOLTON	THORNTON	35 MPH	5,300 (2010)
LOC.16	E. 26TH ST. (EAST END AVE. TO STATE ST.)	CHICAGO HEIGHTS	BLOOM	30-35 MPH	6,800 (2010)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE INFORMATION
VARIOUS LOCATIONS IN SOUTHERN COOK COUNTY

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	5
		CONTRACT NO. 60Y08		
	ILLINOIS	FED. AID PROJECT		

		HMA 2" MILL & RESURFACE (SY)
	SUMMARY - SOUTHERN COOK COUNTY ARTERIAL ROUTES	
LOC.1	147TH ST. (OAK PARK AVE. TO CICERO AVE.)	885
LOC.2	IL 83 (RIDGELAND AVE. TO SOUTHWEST HWY.)	438
LOC.3	IL 171 (SOUTH OF 104TH AVE. TO 107TH ST.)	505
LOC.4	HARLEM AVE. (163RD ST. TO 183RD ST.)	2,378
LOC.5	MAIN ST. (W. OF ARCHER / E. OF ARCHER (ARCHER & 111TH).)	303
LOC.6	ARCHER AVENUE (BELL ROAD TO OLD BELL ROAD)	1,136
LOC.7	EB 127TH ST. (PULASKI AVE. TO KEDZIE AVE.)	25
LOC.8	159TH ST. (94TH AVE. TO RIDGELAND AVE)	9,364
LOC.9	SB CICERO AVE. (MIDLOTHIAN TPK. TO 147TH ST.)	248
LOC.10	WOLF RD. (153RD ST. TO 183RD ST.)	1,993
LOC.11	LAGRANGE RD. (111TH ST. TO IL 83)	189
LOC.12	THORNTON LANSING RD./MARGARET ST. (SCHWAB ST. TO TORRENCE AVE.)	891
LOC.13	US 30 (HALSTED ST. TO STATE ST.)	721
LOC.14	142ND ST./MAIN ST./DOLTON AVE. (INDIANA AVE. TO I-94)	1,152
LOC.15	COTTAGE GROVE AVE. (IL 83/SIBLEY BLVD. TO 154TH ST.)	347
LOC.16	E. 26TH ST. (EAST END AVE. TO STATE ST.)	480
	SOUTHERN COOK COUNTY ARTERIAL TOTAL =	21055 SY

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF INTERMITTENT RESURFACING SCHEDULE
VARIOUS LOCATIONS IN SOUTHERN COOK COUNTY

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	6
		CONTRACT NO. 60Y08		
	ILLINOIS FED. AID PROJECT			

ROUTE: 147th Street (Oak Park Avenue to Cicero Avenue)

CROSS STREET FROM	CROSS STREET 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)
Oak Park Avenue		EB	1	6	40	240	27
		EB	1	6	30	180	20
		EB	1	6	20	120	13
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
	Ridgeland Avenue	EB	1	12	6	72	8
Ridgeland Avenue		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	6	25	150	17
		EB	1	6	25	150	17
		EB	1	6	25	150	17
		EB	1	6	25	150	17
		EB	1	6	25	150	17
	Central Avenue	EB	1	6	25	150	17
Central Avenue		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	6	30	180	20
		EB	1	6	30	180	20
		EB	1	6	30	180	20
	Lavergne Avenue	EB	1	6	30	180	20
Lavergne Avenue		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
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		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	5	6	30	3
		EB	1	5	6	30	3
		EB	1	5	6	30	3
	Cicero Avenue	EB	1	5	6	30	3

ROUTE: 147th Street (Oak Park Avenue to Cicero Avenue) (Continued)

CROSS STREET FROM	CROSS STREET 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)
Lamon Avenue		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
	Lavergne Avenue	WB	1	12	6	72	8
Lavergne Avenue		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
	Central Avenue	WB	1	12	6	72	8
Central Avenue		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	5	30	150	17
		WB	1	5	30	150	17
		WB	1	5	25	125	14
	Ridgeland Avenue	WB	1	5	25	125	14
Ridgeland Avenue		WB	1	6	20	120	13
		WB	1	6	20	120	13
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
	Oak Park Avenue	WB	1	12	6	72	8
		TOTALS:			**942**		**885**
					FT		**SY**

ROUTE: IL 83 (Ridgeland Avenue to Southwest Highway)

CROSS STREET FROM	CROSS STREET 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)
Ridgeland Avenue		WB	1	4	15	60	7
	Trinity Christian College	WB	1	6	100	600	67
Trinity Christian College	Oak Park Avenue	WB	1	5	50	250	28
Harlem Avenue	74th Avenue	WB	1	6	12	72	8
Old Oak Trail	Southwest Highway	WB	1	12	120	1440	160
Southwest Highway	Old Oak Trail	EB	1	12	120	1440	160
Cedar Creek Court	Ridgeland Avenue	EB	1	4	20	80	9
		TOTALS:			**437**		**438**
					FT		**SY**

ROUTE: IL 171 (South of 104th Street to 107th Street)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
107th Street		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	5	5	25	3
	95th Street Ramp	EB	1	4	50	200	22
95th Street Ramp		EB	1	4	100	400	44
	Willows Edge Ct	EB	1	4	300	1200	133
Willows Edge Ct	95th Street Ramp	WB	1	5	20	100	11
							0
AT 95th Street Ramp		EB	Ramp	12	100	1200	133
AT 95th Street Ramp		WB	Ramp	12	100	1200	133
		TOTALS:			**693**		**505**
					FT		**SY**

ROUTE: Harlem Avenue (163rd Street to 183rd Street)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
183rd Street		NB	1	12	40	480	53
		NB	1	3	35	105	12
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	2	3	200	600	67
		NB	2	12	40	480	53
		NB	2	12	20	240	27
		NB	2	5	50	250	28
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5

ROUTE: Harlem Avenue (163rd Street to 183rd Street) (Continued)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
	175th Street	NB	2	12	4	48	5
175th Street		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
	171st Street	NB	2	12	4	48	5

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE
IL 171 AND HARLEM AVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	8

CONTRACT NO. 60Y08

ILLINOIS FED. AID PROJECT

ROUTE: Harlem Avenue (163rd Street to 183rd Street) (Continued)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
171st Street		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
	167th Street	NB	2	12	4	48	5
167th Street		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
	163rd Street	NB	2	12	6	72	8
163rd Street		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5

ROUTE: Harlem Avenue (163rd Street to 183rd Street) (Continued)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	12	144	16
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
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		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	12	144	16
		SB	2	12	6	72	8
	167th Street	SB	2	12	6	72	8

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
INTERMITTENT RESURFACING SCHEDULE
HARLEM AVE
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	9

CONTRACT NO. 60Y08
ILLINOIS FED. AID PROJECT

ROUTE: Harlem Avenue (163rd Street to 183rd Street) (Continued)

CROSS STREET FROM	CROSS STREET 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)
167th Street		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
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		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	12	144	16
	171st Street	SB	2	12	6	72	8

ROUTE: Harlem Avenue (163rd Street to 183rd Street) (Continued)

CROSS STREET FROM	CROSS STREET 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)
171st Street		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
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		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
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		SB	2	12	4	48	5
		SB	2	12	4	48	5

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
INTERMITTENT RESURFACING SCHEDULE
HARLEM AVE
SCALE: SHEET OF SHEETS STA. TO STA.
F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO.
VAR. | 2014-022RS | COOK | 30 | 10
CONTRACT NO. 60Y08
ILLINOIS FED. AID PROJECT

ROUTE: Harlem Avenue (163rd Street to 183rd Street) (Continued)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	4	48	5
	175th Street	SB	2	12	4	48	5
175th Street		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
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		SB	1	12	4	48	5
		SB	1	12	4	48	5
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		SB	1	12	4	48	5
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		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5

ROUTE: Harlem Avenue (163rd Street to 183rd Street) (Continued)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
		SB	1	12	4	48	5
	183rd Street	SB	1	12	4	48	5
		TOTALS:			**1989**		**2378**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE
HARLEM AVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	11

CONTRACT NO. 60Y08

ILLINOIS FED. AID PROJECT

ROUTE: Main Street/111th Street (IL-83) (East and West of Archer Avenue)

CROSS STREET FROM	CROSS STREET 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)
West of Archer Avenue		EB	1	12	4	48	5
(Old Bell Rd. Frontage Rd.)		EB	1	12	4	48	5
		EB	1	12	4	48	5
		EB	1	3	3	9	1
		EB	1	12	4	48	5
		EB	1	12	20	240	27
		EB	1	12	4	48	5
		EB	1	3	3	9	1
		EB	2	12	4	48	5
		EB	2	12	4	48	5
		EB	2	12	4	48	5
		EB	2	6	20	120	13
	Archer Avenue (IL-171)	EB	2	12	4	48	5
Archer Avenue (IL-171)		EB	1	12	6	72	8
		EB	1	12	8	96	11
		EB	1	3	3	9	1
		EB	1	3	200	600	67
		EB	1	3	3	9	1
		EB	1	12	12	144	16
		EB	1	6	3	18	2
		EB	1	6	3	18	2
		EB	2	12	6	72	8
		EB	2	3	3	9	1
		EB	2	3	10	30	3
	East of Archer Avenue	EB	2	3	3	9	1
	(12660 W.111th St.)						
East of Archer Avenue		WB	1	12	4	48	5
(12660 W.111th St.)		WB	1	3	3	9	1
		WB	1	4	10	40	4
		WB	1	3	3	9	1
		WB	2	3	3	9	1
		WB	2	3	3	9	1
	Archer Avenue (IL-171)	WB	2	12	5	60	7
Archer Avenue (IL-171)		WB	1	12	4	48	5
		WB	1	4	4	16	2
		WB	1	12	4	48	5
		WB	1	4	4	16	2
		WB	1	12	4	48	5
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	2	4	25	100	11
		WB	2	12	4	48	5
		WB	2	4	4	16	2
		WB	2	12	8	96	11
		WB	2	4	4	16	2
		WB	2	12	4	48	5
		WB	2	12	3	36	4
	West of Archer Avenue	WB	2	12	3	36	4
	(Old Bell Rd. Frontage Rd.)						
		TOTALS:			**454**		**303**
					FT		**SY**

ROUTE: Archer Avenue/IL 171 (Bell Road to Old Bell Road)

CROSS STREET FROM	CROSS STREET 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)
Old Bell Road		SB	1	4	30	120	13
		SB	1	12	30	360	40
		SB	1	4	6	24	3
		SB	1	4	4	16	2
		SB	1	6	4	24	3
		SB	1	3	4	12	1
		SB	1	12	4	48	5
		SB	1	6	6	36	4
		SB	1	6	15	90	10
		SB	1	12	15	180	20
		SB	1	3	3	9	1
		SB	1	12	4	48	5
		SB	1	12	5	60	7
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	35	420	47
		SB	1	3	25	75	8
		SB	1	4	10	40	4
		SB	1	3	3	9	1
		SB	1	3	3	9	1
		SB	1	12	30	360	40
		SB	1	6	10	60	7
		SB	1	6	15	90	10
		SB	1	12	3	36	4
		SB	1	6	5	30	3
		SB	1	6	10	60	7
		SB	LT	6	20	120	13
		SB	LT	6	70	420	47
		SB	LT	12	100	1200	133
		SB	RT	12	50	600	67
		SB	2	12	10	120	13
		SB	2	12	12	144	16
		SB	2	3	4	12	1
		SB	2	12	4	48	5
		SB	2	3	4	12	1
		SB	2	3	3	9	1
		SB	2	12	8	96	11
		SB	2	12	4	48	5
		SB	2	12	4	48	5
		SB	2	12	5	60	7
		SB	2	12	4	48	5
		SB	2	12	6	72	8
		SB	2	12	35	420	47
		SB	2	12	65	780	87
		SB	2	12	20	240	27
		SB	2	6	10	60	7
		SB	2	12	100	1200	133
		SB	2	12	15	180	20
		SB	2	4	10	40	4
		SB	2	12	10	120	13
		SB	2	6	5	30	3
	Main St./111th St.(IL-83)	SB	2	3	3	9	1
		SB	1	12	3	36	4
	Bell Road	SB	2	12	3	36	4

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE
MAIN ST /111TH ST AND ARCHER AVE /IL 171

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	12
		CONTRACT NO. 60Y08		
	ILLINOIS	FED. AID PROJECT		

ROUTE: Archer Avenue/IL 171 (Bell Road to Old Bell Road) (Continued)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Bell Road		NB	1	3	3	9	1
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	2	3	10	30	3
		NB	2	12	4	48	5
		NB	2	12	4	48	5
	Main St./111th St.(IL-83)	NB	2	12	5	60	7
Main St./111th St.(IL-83)		NB	1	12	4	48	5
		NB	1	4	5	20	2
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	5	60	7
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	1	12	4	48	5
		NB	2	12	4	48	5
		NB	2	3	3	9	1
		NB	2	12	4	48	5
		NB	2	12	6	72	8
		NB	2	3	10	30	3
		NB	2	3	10	30	3
		NB	2	12	4	48	5
		NB	2	3	3	9	1
		NB	2	3	20	60	7
		NB	2	4	6	24	3
		NB	2	4	25	100	11
		NB	2	6	25	150	17
		NB	2	3	15	45	5
		NB	2	6	6	36	4
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
		NB	2	12	4	48	5
	Old Bell Road	NB	2	12	4	48	5
		TOTALS:			**1111**		**1136**
					FT		**SY**

ROUTE: EB 127th Street(Pulaski Road to Kedzie Avenue)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Pulaski Road		EB	2	8	6	48	5
		EB	2	8	6	48	5
	Ridgeway Avenue	EB	2	8	6	48	5
Ridgeway Avenue		EB	2	8	5	40	4
	Homan Avenue	EB	2	8	5	40	4
		TOTALS:			**28**		**25**
					FT		**SY**

ROUTE: 159th Street (94th Avenue to Ridgeland Avenue)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
94th Avenue		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	JT	3	360	1080	120
		EB	JT	3	80	240	27
	Orland Town Center	EB	JT	3	150	450	50
Orland Town Center		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	10	120	13
	91st Avenue	EB	JT	3	1000	3000	333
91st Avenue		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	JT	3	40	120	13
		EB	JT	3	1360	4080	453
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	10	120	13
	88th Avenue	EB	JT	3	0	0	0
88th Avenue		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	JT	3	1200	3600	400

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE
ARCHER AVE /IL 171, EB 127TH ST AND 159 ST

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	13
		CONTRACT NO. 60Y08		
	ILLINOIS	FED. AID PROJECT		

ROUTE: 159th Street (94th Avenue to Ridgeland Avenue) (Continued)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	10	120	13
	84th Avenue	EB	2	12	10	120	13
84th Avenue		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	6	6	36	4
	80th Avenue	EB	JT	3	1000	3000	333
80th Avenue		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	JT	3	320	960	107
		EB	JT	3	450	1350	150
		EB	JT	3	40	120	13
		EB	JT	3	40	120	13
		EB	JT	3	40	120	13
		EB	JT	3	160	480	53
	76th Avenue	EB	JT	3	240	720	80
76th Avenue		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
	Park Center	EB	JT	3	1320	3960	440

ROUTE: 159th Street (94th Avenue to Ridgeland Avenue) (Continued)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Park Center		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	12	144	16
		EB	3	12	6	72	8
		EB	LT1	12	6	72	8
		EB	LT2	12	6	72	8
		EB	JT	3	200	600	67
	Harlem Avenue	EB	JT	3		0	0
Harlem Avenue		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	JT	3	240	720	80
	71st Avenue	EB	JT	3	80	240	27
71st Avenue		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE
159TH ST

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	14
		CONTRACT NO. 60Y08		
	ILLINOIS FED. AID PROJECT			

ROUTE: 159th Street (94th Avenue to Ridgeland Avenue) (Continued)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	10	120	13
	Oak Park Avenue	EB	JT	3	240	720	80
Oak Park Avenue		EB	1	12	10	120	13
		EB	1	12	10	120	13
		EB	1	12	10	120	13
		EB	1	12	12	144	16
		EB	1	6	30	180	20
		EB	1	6	50	300	33
		EB	1	12	30	360	40
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	10	120	13
		EB	JT	3	400	1200	133
		EB	JT	3	200	600	67
		EB	JT	3	120	360	40
		EB	JT	3	160	480	53
		EB	EDGE	3	40	120	13
	Ridgeland Avenue	EB	JT	3	120	360	40

ROUTE: 159th Street (94th Avenue to Ridgeland Avenue) (Continued)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Ridgeland Avenue		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	1	12	10	120	13
		WB	2	12	8	96	11
		WB	2	12	8	96	11
		WB	EDGE	3	6	18	2
		WB	EDGE	3	6	18	2
		WB	EDGE	3	6	18	2
	Oak Park Avenue	WB	EDGE	3	10	30	3
Oak Park Avenue		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	10	120	13
		WB	2	12	10	120	13
		WB	2	12	10	120	13
		WB	2	12	10	120	13
		WB	2	12	6	72	8
		WB	JT	3	10	30	3
		WB	JT	3	100	300	33
		WB	JT	3	40	120	13
		WB	JT	3	80	240	27
		WB	JT	3	40	120	13
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	3	12	6	72	8
		WB	LT1	12	6	72	8
		WB	LT2	12	6	72	8
		WB	RT	12	6	72	8
		WB	EDGE	3	80	240	27
		WB	EDGE	3	40	120	13
	Harlem Avenue	WB	1	12	6	72	8
Harlem Avenue		WB	2	12	6	72	8
		WB	3	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	JT	3	50	150	17

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE
159TH ST

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	15
		CONTRACT NO. 60Y08		
	ILLINOIS FED. AID PROJECT			

ROUTE: 159th Street (94th Avenue to Ridgeland Avenue) (Continued)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
		WB	JT	3	450	1350	150
		WB	2	12	6	72	8
	Park Center	WB	2	12	6	72	8
Park Center		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	JT	3	1000	3000	333
	76th Avenue	WB	JT	3	560	1680	187
76th Avenue		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	JT	3	280	840	93
		WB	JT	3	600	1800	200
		WB	JT	3	160	480	53
		WB	JT	3	40	120	13
		WB	JT	3	40	120	13
		WB	JT	3	200	600	67
		WB	JT	3	40	120	13
		WB	JT	3	240	720	80
		WB	EDGE	3	40	120	13
		WB	EDGE	3	60	180	20
		WB	EDGE	3	60	180	20
		WB	EDGE	3	30	90	10
		WB	EDGE	3	20	60	7
	80th Avenue	WB	EDGE	3	30	90	10

ROUTE: 159th Street (94th Avenue to Ridgeland Avenue) (Continued)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
80th Avenue		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	JT	3	320	960	107
		WB	JT	3	160	480	53
		WB	JT	3	160	480	53
		WB	JT	3	240	720	80
		WB	JT	3	400	1200	133
		WB	JT	3	50	150	17
		WB	EDGE	3	75	225	25
	84th Avenue	WB	EDGE	3	20	60	7
84th Avenue		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	10	120	13
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	JT	3	40	120	13
		WB	JT	3	120	360	40
		WB	JT	3	120	360	40
		WB	JT	3	40	120	13
		WB	JT	3	40	120	13
		WB	JT	3	80	240	27
		WB	JT	3	240	720	80
		WB	JT	3	160	480	53
		WB	JT	3	40	120	13
		WB	JT	3	40	120	13

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE
159TH ST

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	16
		CONTRACT NO. 60Y08		
	ILLINOIS	FED. AID PROJECT		

ROUTE: 159th Street (94th Avenue to Ridgeland Avenue) (Continued)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
		WB	JT	3	40	120	13
		WB	JT	3	120	360	40
		WB	JT	3	80	240	27
		WB	JT	3	40	120	13
		WB	JT	3	40	120	13
		WB	JT	3	80	240	27
		WB	JT	3	40	120	13
		WB	JT	3	50	150	17
		WB	EDGE	3	20	60	7
		WB	EDGE	3	40	120	13
		WB	EDGE	3	60	180	20
		WB	EDGE	3	20	60	7
	88th Avenue	WB	EDGE	3	20	60	7
88th Avenue		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	JT	3	120	360	40
		WB	JT	3	160	480	53
		WB	JT	3	160	480	53
		WB	JT	3	320	960	107
		WB	JT	3	120	360	40
		WB	JT	3	320	960	107
		WB	EDGE	3	50	150	17
	91st Avenue	WB	EDGE	3	80	240	27
91st Avenue		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	JT	3	240	720	80
		WB	JT	3	120	360	40
		WB	JT	3	120	360	40
		WB	EDGE	3	60	180	20
	Orland Town Center	WB	EDGE	3	75	225	25
Orland Town Center		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	JT	3	120	360	40
		WB	JT	3	240	720	80
		WB	JT	3	40	120	13
		WB	EDGE	3	20	60	7
	94th Avenue	WB	EDGE	3	10	30	3
		TOTALS:			**21532**		**9364**
					FT		**SY**

ROUTE: SB Cicero Avenue (Midlothian Turnpike to 147th Street)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Midlothian Turnpike		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	6	20	120	13
		SB	RT	5	20	100	11
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
	147th Street	SB	1	12	6	72	8
		TOTALS:			**208**		**248**
					FT		**SY**

ROUTE: LaGrange Road (111th Street to IL 83)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
111th Street		SB	2	6	50	300	33
		SB	2	4	50	200	22
	IL 83	SB	2	4	50	200	22
IL83		NB	2	4	100	400	44
		NB	2	4	100	400	44
	111th Street	NB	2	4	50	200	22
		TOTALS:			**400**		**189**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE
159TH ST, CICERO AVE AND LA GRANGE RD

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	17
		CONTRACT NO. 60Y08		
	ILLINOIS	FED. AID PROJECT		

ROUTE: Wolf Road (153rd Street to 183rd Street)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
183rd Street		NB	1	12	6	72	8
	179th Street	NB	1	12	6	72	8
179th Street		NB	1	4	20	80	9
		NB	1	4	50	200	22
		NB	1	12	30	360	40
		NB	1	12	6	72	8
		NB	1	12	6	72	8
	167th Street	NB	1	12	6	72	8
167th Street		NB	1	4	200	800	89
		NB	1	4	20	80	9
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
	159th Street	NB	1	4	75	300	33
159th Street		NB	1	4	500	2000	222
		NB	1	4	150	600	67
		NB	1	4	400	1600	178
		NB	1	12	8	96	11
		NB	1	12	8	96	11
	153rd Street	NB	1	12	8	96	11
153rd Street		SB	1	4	120	480	53
		SB	1	4	120	480	53
		SB	1	4	120	480	53
		SB	1	4	280	1120	124
		SB	1	4	1200	4800	533
		SB	1	12	8	96	11
		SB	1	12	15	180	20
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	4	100	400	44
		SB	1	4	200	800	89
	167th Street	SB	1	4	160	640	71
167th Street		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	6	50	300	33
		SB	1	4	6	24	3
		SB	1	4	50	200	22
		SB	1	4	120	480	53
	183rd Street	SB	1	12	6	72	8
		TOTALS:			**4114**		**1993**
					FT		**SY**

ROUTE: Thornton Lansing Road/Margaret St.(Schwab Street to Torrence Avenue)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Schwab Street		EB	1	4	40	160	18
		EB	1	4	40	160	18
		EB	1	4	40	160	18
		EB	1	4	100	400	44
		EB	1	12	15	180	20
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	4	80	320	36
		EB	1	4	80	320	36
	Stoney Island Avenue	EB	1	4	80	320	36
Stoney Island Avenue		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	4	120	480	53
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	1	12	6	72	8
	Torrence Avenue	EB	2	12	6	72	8
Torrence Avenue		WB	1	4	200	800	89
		WB	1	4	80	320	36
		WB	1	4	60	240	27
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
	Stoney Island Avenue	WB	1	4	150	600	67
Stoney Island Avenue		WB	1	4	100	400	44
		WB	1	4	60	240	27
		WB	1	4	80	320	36
		WB	1	4	200	800	89
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	1	12	15	180	20
		WB	2	12	15	180	20
		WB	1	12	6	72	8
	Schwab Street	WB	2	12	6	72	8
		TOTALS:			**1675**		**891**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE
WOLF RD AND THORNTON LANSING RD /MARGARET ST

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	18
		CONTRACT NO. 60Y08		
	ILLINOIS FED. AID PROJECT			

ROUTE: US 30/Lincoln Highway(Halsted Street to State Street)

CROSS STREET FROM	CROSS STREET 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)
State Street		WB	1	12	30	360	40
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	20	240	27
		WB	2	6	25	150	17
		WB	2	12	10	120	13
		WB	2	6	25	150	17
	Center Avenue	WB	2	6	20	120	13
Center Avenue		WB	1	12	10	120	13
		WB	1	12	6	72	8
		WB	1	6	100	600	67
		WB	2	6	100	600	67
		WB	2	6	10	60	7
		WB	2	6	15	90	10
		WB	2	6	75	450	50
		WB	2	6	75	450	50
	East End Avenue	WB	2	6	20	120	13
East End Avenue		WB	1	12	20	240	27
		WB	1	12	8	96	11
		WB	2	6	50	300	33
	Halsted Street	WB	2	12	20	240	27
Halsted Street		EB	1	12	20	240	27
	East End Avenue	EB	2	12	10	120	13
East End Avenue		EB	1	12	6	72	8
		EB	2	6	25	150	17
		EB	2	6	30	180	20
	Center Avenue	EB	2	6	20	120	13
Center Avenue		EB	1	12	6	72	8
		EB	1	12	15	180	20
		EB	1	12	6	72	8
		EB	2	6	10	60	7
	Wentworth Avenue	EB	2	6	10	60	7
Wentworth Avenue		EB	1	12	6	72	8
		EB	2	6	10	60	7
	State Street	EB	2	12	20	240	27
		TOTALS:			**851**		**721**
					FT		**SY**

142nd Street/Main Street/Dolton Avenue (Indiana Avenue to I-94)

CROSS STREET FROM	CROSS STREET 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)
Indiana Avenue		EB	1	3	20	60	7
		EB	1	4	10	40	4
		EB	1	4	4	16	2
		EB	1	4	50	200	22
		EB	1	4	100	400	44
		EB	2	12	3	36	4
		EB	2	4	4	16	2
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	12	144	16
		EB	2	3	4	12	1
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	4	5	20	2
		EB	2	4	6	24	3
		EB	2	6	6	36	4
		EB	2	12	4	48	5
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	4	20	80	9
		EB	2	12	4	48	5
		EB	2	4	4	16	2
		EB	2	12	4	48	5
		EB	2	12	4	48	5
		EB	2	12	3	36	4
		EB	2	6	6	36	4
		EB	2	3	50	150	17
		EB	2	12	3	36	4
		EB	2	3	20	60	7
		EB	2	12	12	144	16
		EB	2	3	40	120	13
		EB	2	12	4	48	5
		EB	2	12	3	36	4
		EB	2	12	3	36	4
	Calumet Avenue	EB	2	12	3	36	4
Calumet Avenue		EB	1	6	50	300	33
	Pennsylvania Avenue	EB	1	12	3	36	4
Pennsylvania Avenue		EB	1	12	3	36	4
		EB	1	12	20	240	27
		EB	1	12	3	36	4
		EB	1	3	100	300	33
	Lincoln Avenue	EB	1	12	3	36	4
Lincoln Avenue		EB	1	3	200	600	67
		EB	1	3	100	300	33
		EB	1	12	20	240	27
		EB	1	3	50	150	17
		EB	1	3	75	225	25
		EB	1	3	50	150	17
		EB	1	3	75	225	25
	Cottage Grove Avenue	EB	1	12	4	48	5

CONTINUED ON NEXT SHEET

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		DRAWN -	REVISED -
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Default	PLOT DATE = 4/3/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE
US 30 /LINCOLN HWY AND 142ND ST /MAIN ST /DOLTON AVE

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	19
		CONTRACT NO. 60Y08		
	ILLINOIS	FED. AID PROJECT		

142nd Street/Main Street/Dolton Avenue (Indiana Avenue to I-94 (Continued))

CROSS STREET FROM	CROSS STREET 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)
Cottage Grove Avenue		EB	1	3	50	150	17
		EB	1	4	50	200	22
		EB	1	3	25	75	8
		EB	1	12	4	48	5
		EB	1	12	4	48	5
		EB	1	3	25	75	8
		EB	1	3	25	75	8
		EB	1	3	75	225	25
		EB	1	3	20	60	7
		EB	1	12	6	72	8
		EB	1	12	10	120	13
	Woodlawn Avenue	EB	1	12	3	36	4
Woodlawn Avenue		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	6	72	8
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
	I-94	EB	1	12	4	48	5
I-94		WB	1	12	5	60	7
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	3	100	300	33
		WB	1	3	125	375	42
		WB	1	3	50	150	17
		WB	1	3	50	150	17
		WB	2	12	4	48	5
		WB	2	12	4	48	5
		WB	2	12	3	36	4
		WB	2	3	20	60	7
		WB	2	3	20	60	7
	Woodlawn Avenue	WB	2	6	10	60	7

142nd Street/Main Street/Dolton Avenue (Indiana Avenue to I-94 (Continued))

CROSS STREET FROM	CROSS STREET 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)
Woodlawn Avenue		WB	1	3	20	60	7
		WB	1	12	4	48	5
		WB	1	3	20	60	7
		WB	1	12	3	36	4
		WB	1	3	20	60	7
		WB	1	3	20	60	7
		WB	1	3	10	30	3
		WB	1	3	50	150	17
		WB	1	3	20	60	7
		WB	2	12	3	36	4
		WB	2	12	4	48	5
		WB	2	4	10	40	4
		WB	2	12	4	48	5
		WB	2	12	3	36	4
	Cottage Grove Avenue	WB	2	5	3	15	2
Cottage Grove Avenue		WB	1	3	50	150	17
		WB	1	12	3	36	4
		WB	1	12	4	48	5
		WB	1	12	3	36	4
		WB	1	12	10	120	13
		WB	2	12	3	36	4
		WB	2	12	3	36	4
	Chicago Road	WB	2	12	3	36	4
Chicago Road		WB	1	12	3	36	4
		WB	1	3	3	9	1
		WB	1	4	4	16	2
		WB	1	6	15	90	10
		WB	1	3	75	225	25
		WB	1	4	4	16	2
		WB	2	12	25	300	33
	Indiana Avenue	WB	2	12	15	180	20
		TOTALS:			**2333**		**1152**
					FT		**SY**

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Default	PLOT DATE = 4/3/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE
142ND ST /MAIN ST /DOLTON AVE

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	20
		CONTRACT NO. 60Y08		
	ILLINOIS FED. AID PROJECT			

Cottage Grove Avenue(IL 83/Sibley Boulevard to 154th Street)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
154th Street		NB	1	3	50	150	17
		NB	1	12	3	36	4
		NB	1	12	3	36	4
		NB	1	4	15	60	7
		NB	1	12	3	36	4
		NB	1	12	3	36	4
		NB	1	12	4	48	5
		NB	1	4	20	80	9
		NB	2	3	50	150	17
		NB	2	3	100	300	33
		NB	2	3	20	60	7
		NB	2	10	4	40	4
		NB	2	12	3	36	4
		NB	2	12	50	600	67
		NB	2	12	6	72	8
		NB	2	3	20	60	7
		NB	2	12	3	36	4
		NB	2	3	50	150	17
	IL-83/Sibley Boulevard	NB	2	3	20	60	7
IL-83/Sibley Boulevard		SB	1	3	10	30	3
		SB	1	3	20	60	7
		SB	1	12	4	48	5
		SB	1	10	3	30	3
		SB	1	12	6	72	8
		SB	1	12	3	36	4
		SB	1	12	3	36	4
		SB	2	4	4	16	2
		SB	2	12	3	36	4
		SB	2	12	3	36	4
		SB	2	3	3	9	1
		SB	2	3	10	30	3
		SB	2	12	4	48	5
		SB	2	12	3	36	4
		SB	2	12	4	48	5
		SB	2	12	3	36	4
		SB	2	12	3	36	4
		SB	2	12	3	36	4
		SB	2	12	3	36	4
		SB	2	12	3	36	4
		SB	2	12	4	48	5
		SB	2	12	6	72	8
		SB	2	12	12	144	16
	154th Street	SB	2	3	20	60	7
		TOTALS:			**567**		**347**
					FT		**SY**

ROUTE: E. 26th Street(East End Avenue to State Street)

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
PCC Joint W of State Street		WB	1	12	6	72	8
		WB	1	12	10	120	13
		WB	1	6	30	180	20
		WB	1	12	10	120	13
		WB	1	12	10	120	13
	East End Avenue	WB	1	12	15	180	20
East End Avenue		EB	1	6	75	450	50
		EB	1	6	200	1200	133
		EB	1	6	75	450	50
		EB	1	12	15	180	20
		EB	1	12	10	120	13
		EB	1	6	12	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	20	240	27
		EB	1	6	100	600	67
	PCC Joint W of State Street	EB	1	12	6	72	8
		TOTALS:			**606**		**480**
					FT		**SY**

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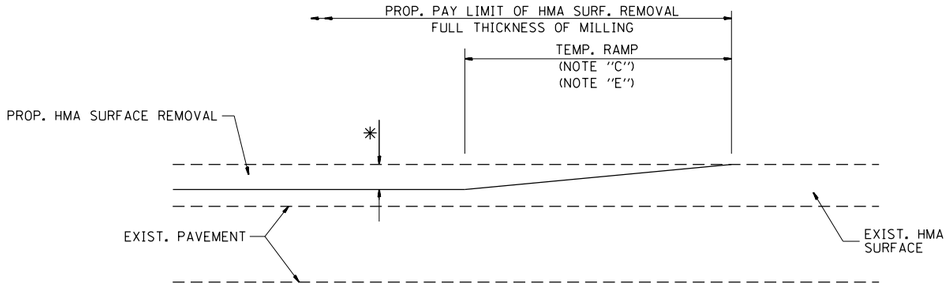
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE
COTTAGE GROVE ST AND E. 26TH ST

SCALE: | SHEET OF SHEETS | STA. | TO STA.

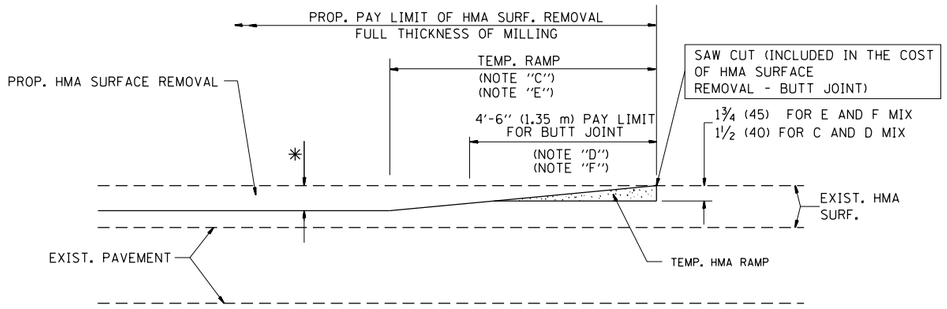
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	21
		CONTRACT NO. 60Y08		
	ILLINOIS FED. AID PROJECT			



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

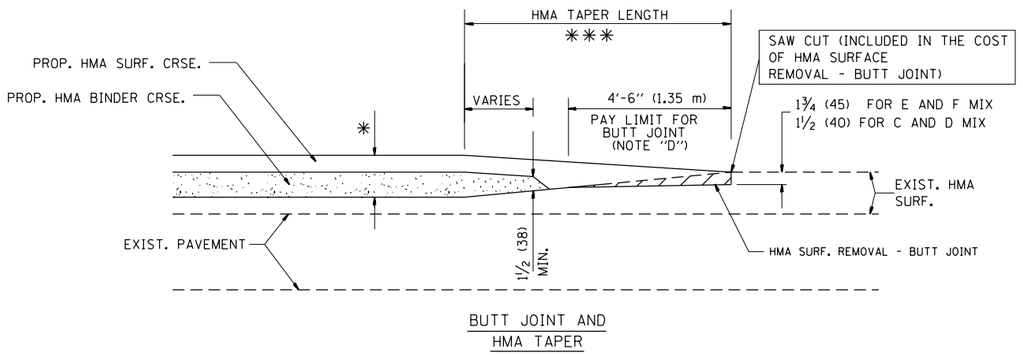


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

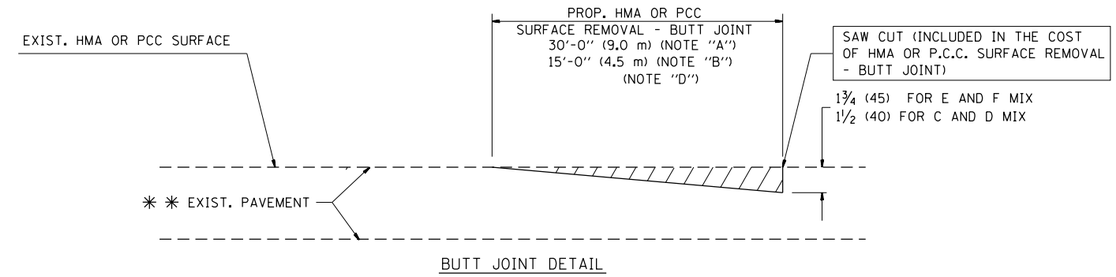
OPTION 2

TYPICAL TEMPORARY RAMP

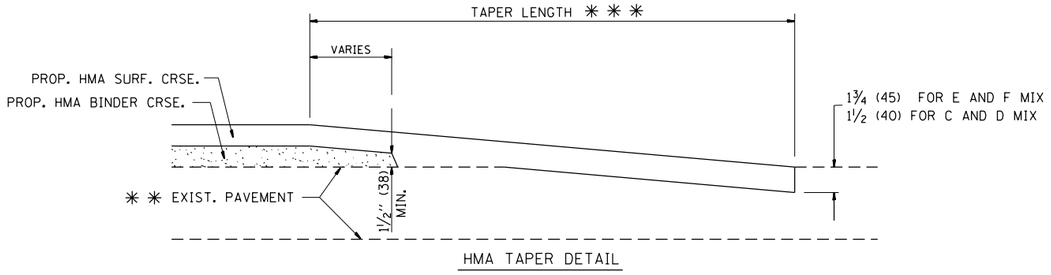


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



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.

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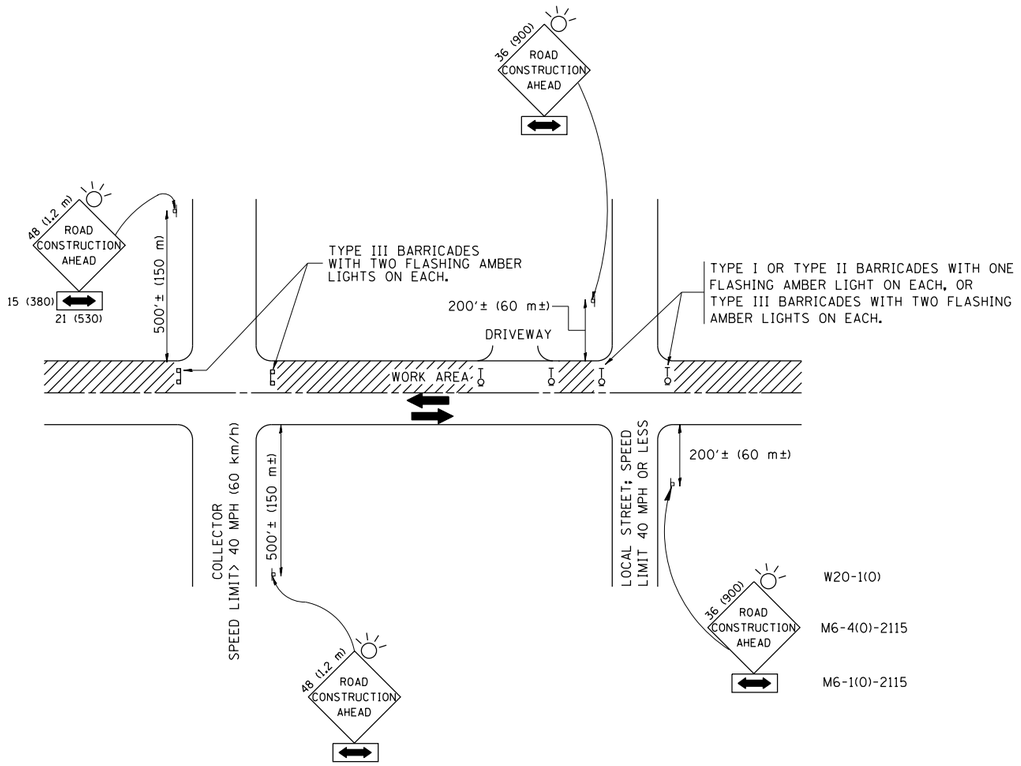
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 4/3/2014	DATE - 06-13-90	REVISED - R. BORO 01-01-07

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.	2014-022RS	COOK	30	22
	BD400-05 BD32	CONTRACT NO. 60Y08		
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.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

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.

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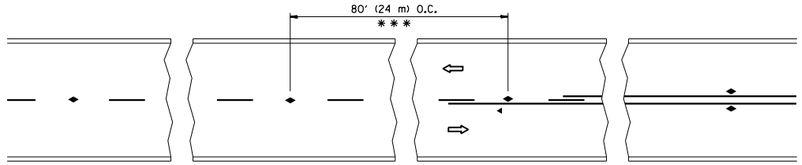
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 4/3/2014	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

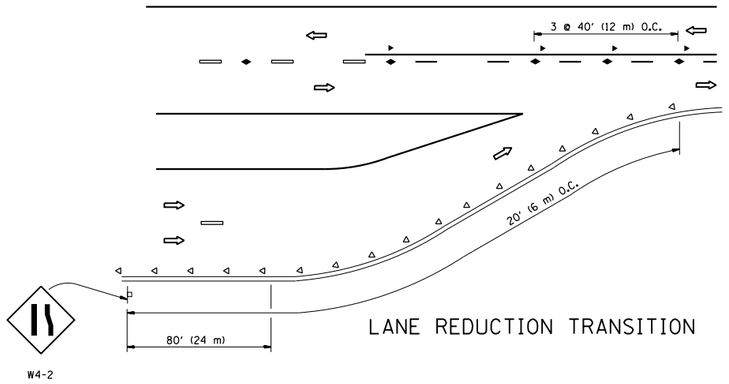
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	23
	TC-10	CONTRACT NO. 60Y08		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

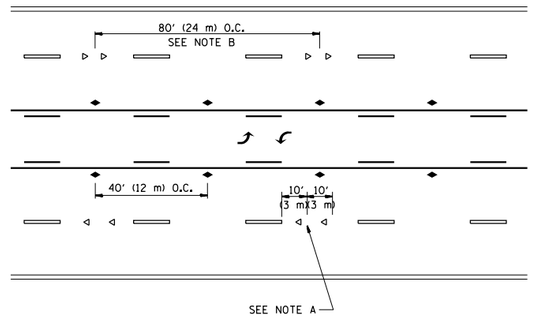


* * * REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

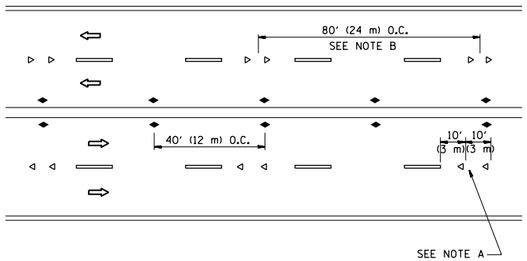
TWO-LANE/TWO-WAY



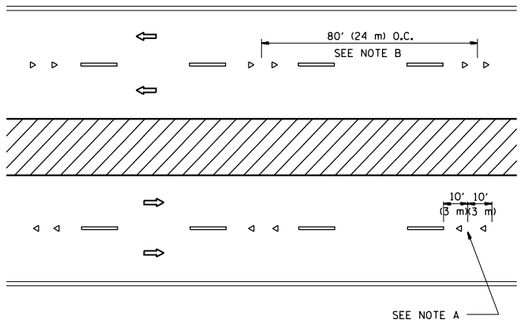
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

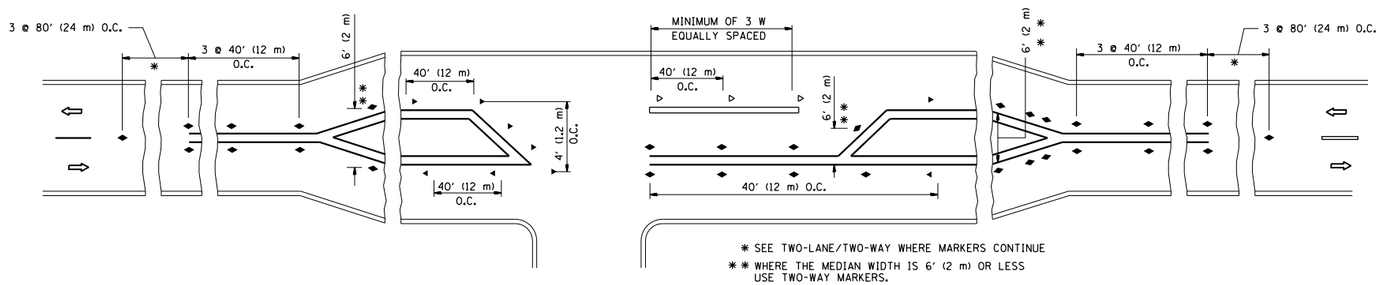
LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



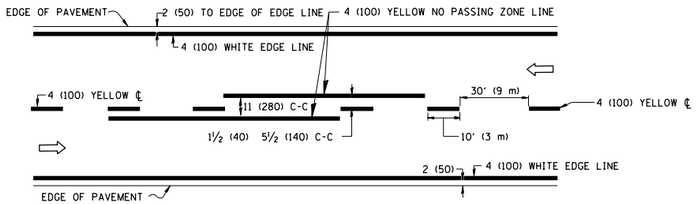
* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

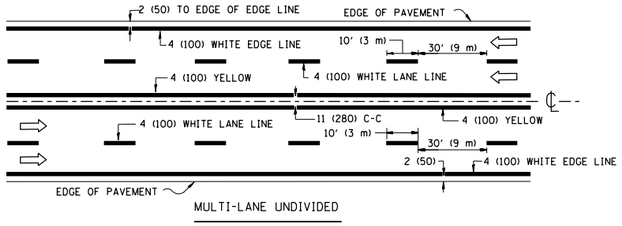
LEFT TURN

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

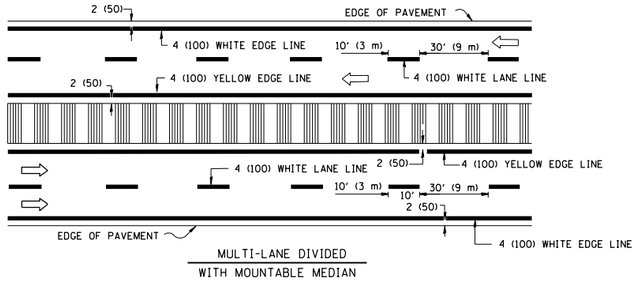
FILE NAME = c:\pw_work\pwidot\aumm\d0382486\60Y08-DistStd.dgn	USER NAME = Aumm	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - T. RAMMACHER 03-12-99					VAR.	2014-022RS	COOK	30	24
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00						TC-11		CONTRACT NO. 60Y08	
	PLOT DATE = 4/3/2014	DATE -	REVISED - C. JUCIUS 09-09-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



2-LANE ROADWAY



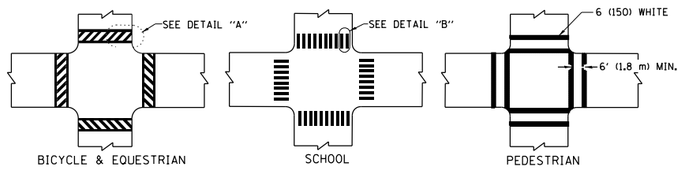
MULTI-LANE UNDIVIDED



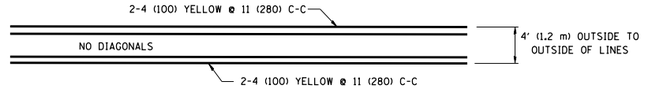
MULTI-LANE DIVIDED
WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

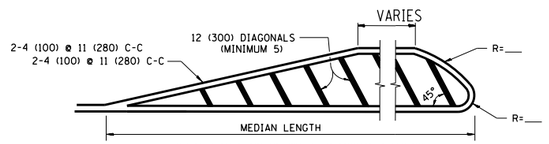
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



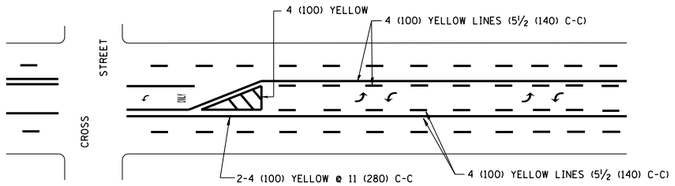
4' (1.2 m) WIDE MEDIANS ONLY



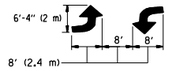
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

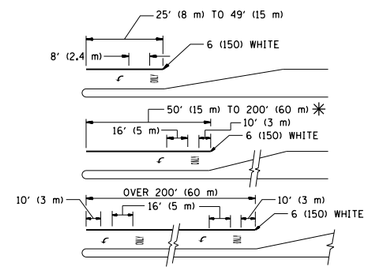


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

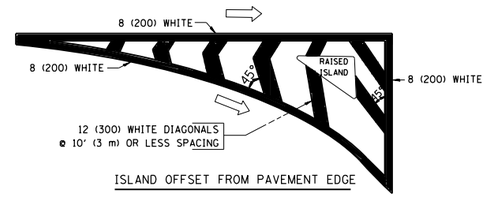


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m^2) **ONLY** AREA = 20.8 SQ. FT. (1.9 m^2)

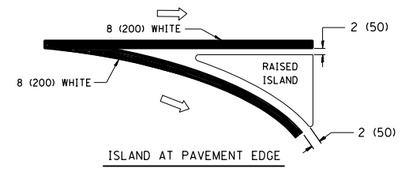
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

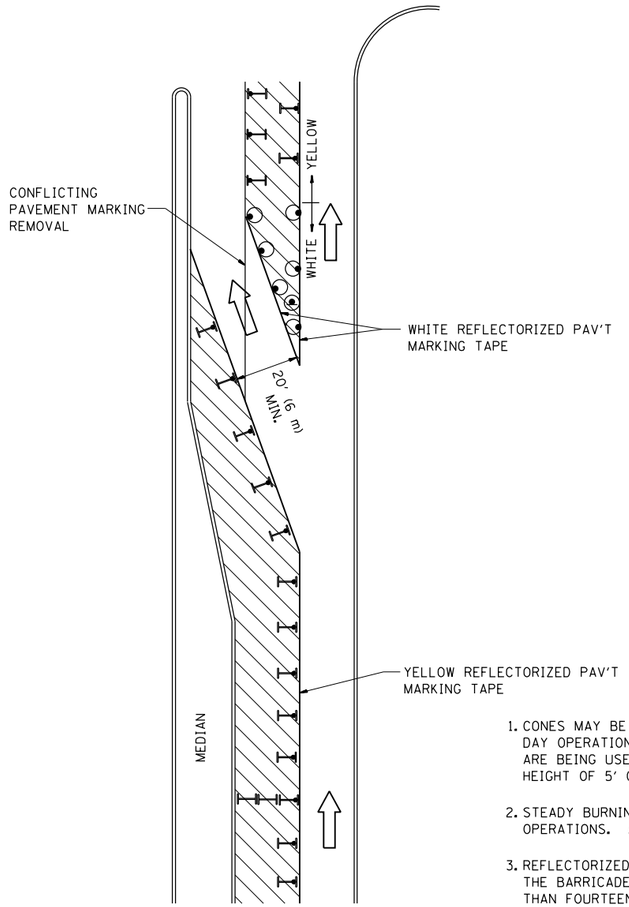
TYPICAL ISLAND MARKING

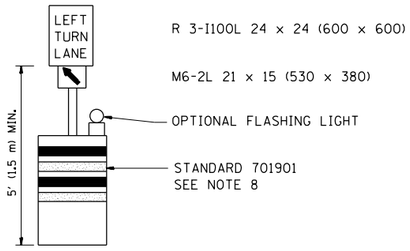
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 ⌀ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 ⌀ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 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 m) 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' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 ⌀ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) 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° 12 (300) ⌀ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) 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° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) 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: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "R" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m^2) EACH "X"=54.0 SQ. FT. (5.0 m^2)
SHOULDER DIAGONALS	12 (300) ⌀ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME = c:\pw_work\pwidot\aumm\d0382486\60Y08-DistStd.dgn	USER NAME = Aumm	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -C. JUCIUS 09-09-09					VAR.	2014-022RS	COOK	30	25
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -						TC-13		CONTRACT NO. 60Y08	
	PLOT DATE = 4/3/2014	DATE - 03-19-90	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	





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 OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHR 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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

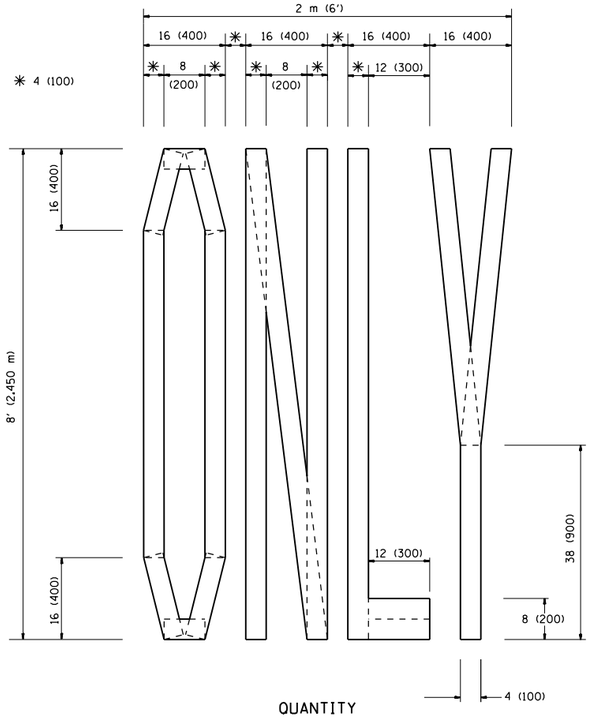
FILE NAME = c:\pw_work\pwidot\aumm\d0382486\60Y08-DistStd.dgn	USER NAME = Aumm	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
	PLOT SCALE = 100.0000 ' / in.	REVISED - A. HOUSEH 11-07-95	REVISED -
	PLOT DATE = 4/3/2014	REVISED -T. RAMMACHER 01-06-00	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

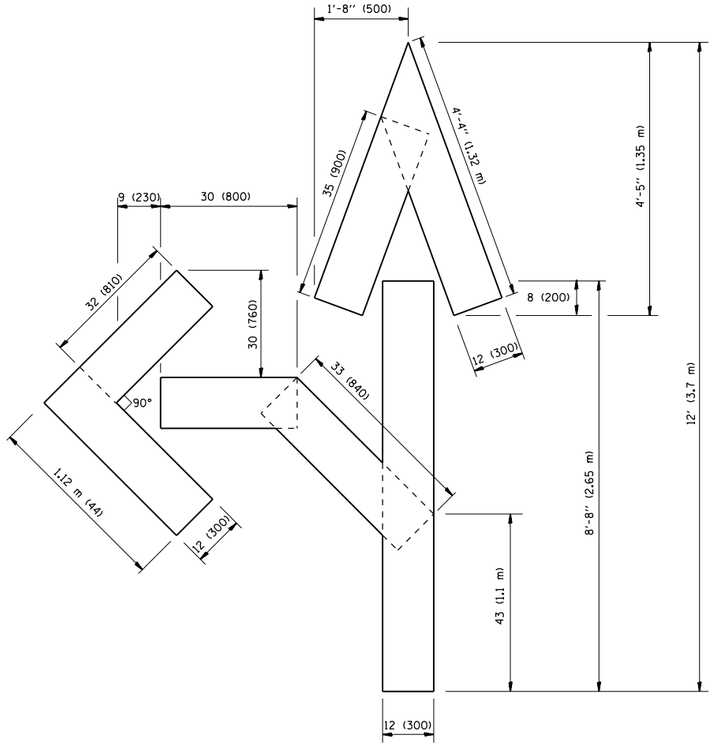
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

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

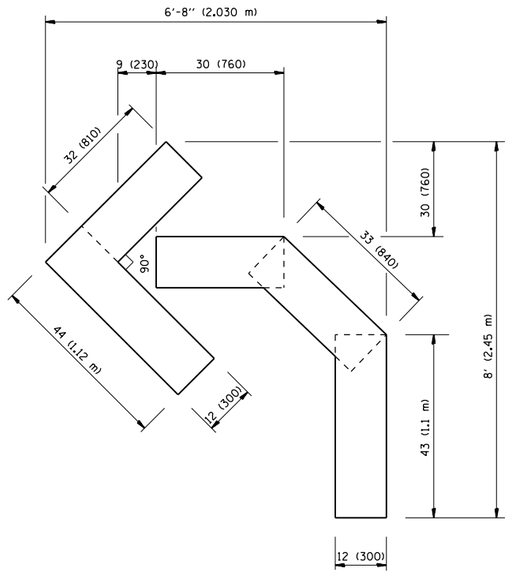
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	26
	TC-14	CONTRACT NO. 60Y08		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



QUANTITY
4 (100) LINE = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.39 sq. m)

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

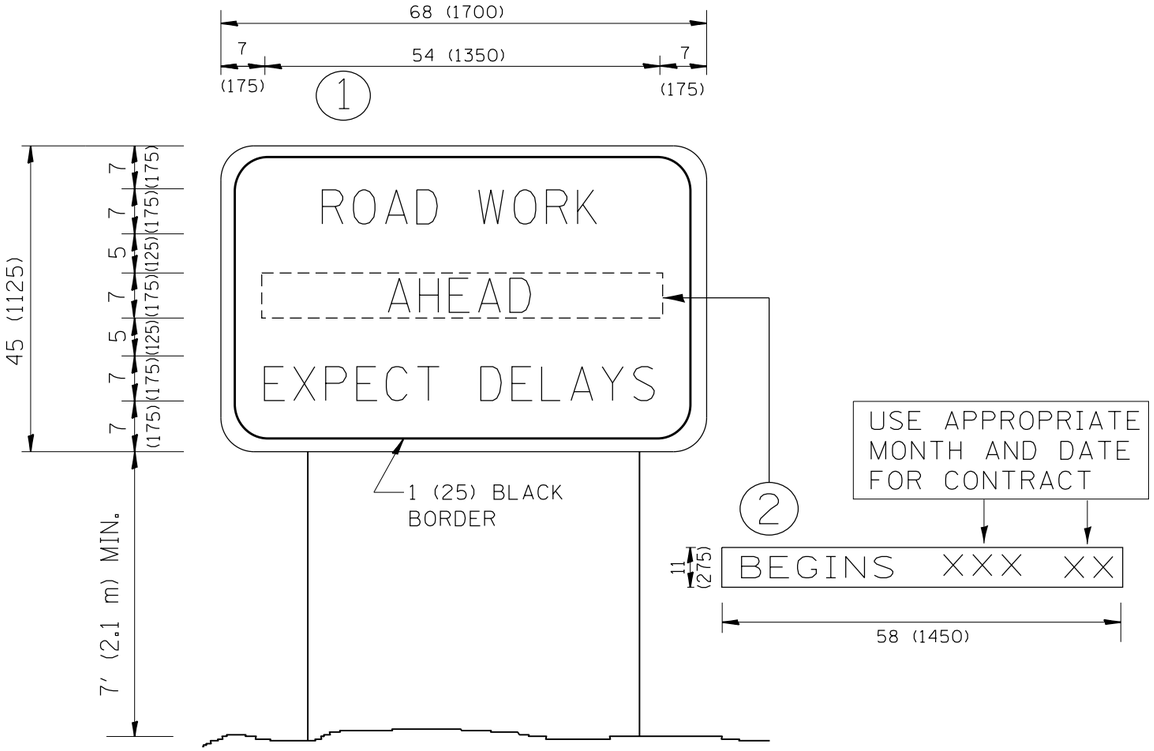
FILE NAME = c:\pw_work\pwidot\aumm\d0382486\60Y08-DistStd.dgn	USER NAME = Aumm	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
		DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 4/3/2014	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	27
	TC-16	CONTRACT NO. 60Y08		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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 = c:\pw_work\pwidot\aumm\d0382486\60Y08-DistStd.dgn	USER NAME = Aumm	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 4/3/2014	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.	2014-022RS	COOK	30	28
	TC-22	CONTRACT NO. 60Y08		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

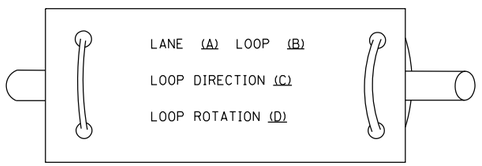
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

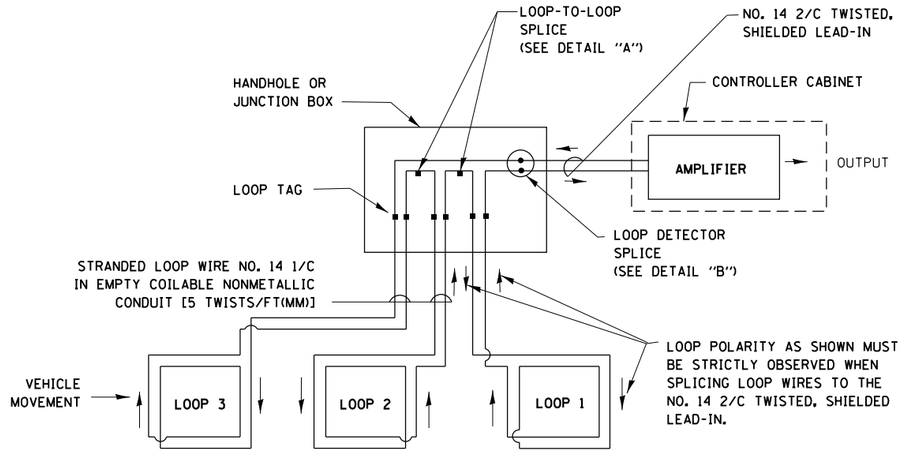


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

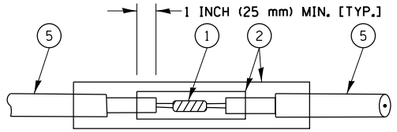
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

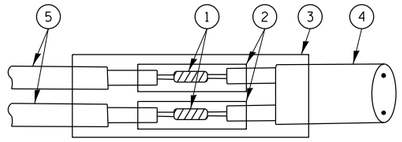


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

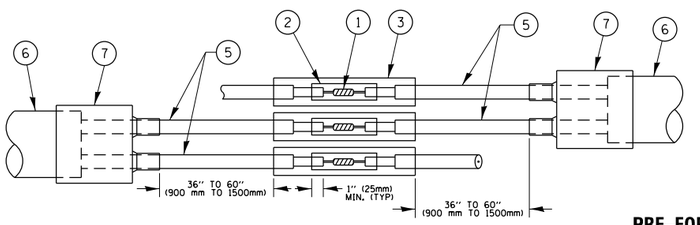


DETAIL "A"
LOOP-TO-LOOP SPLICE



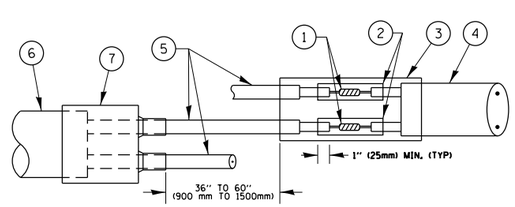
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

(1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

(3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

(6) PRE-FORMED LOOP

(7) XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME = c:\pw_work\pwidot\aumm\d0382486\60Y08-DistStd.dgn	USER NAME = Aumm	DESIGNED - DAD	REVISED - DAG 1-1-14
		DRAWN - BCK	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - DAD	REVISED -
	PLOT DATE = 4/3/2014	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

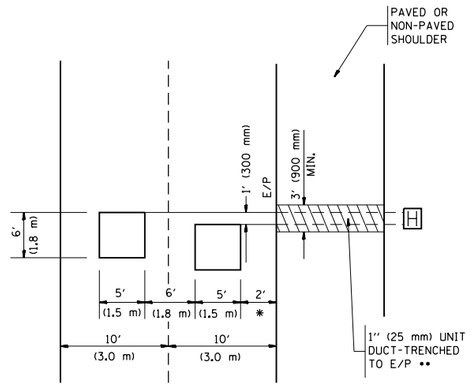
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 2 OF 7 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	29
	TS-05	CONTRACT NO. 60Y08		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

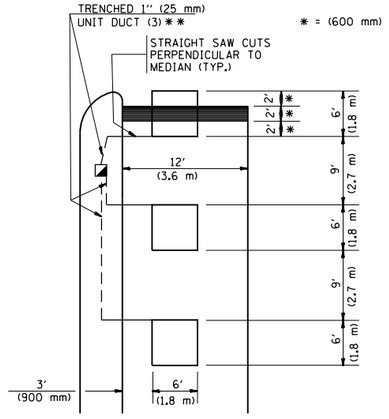


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

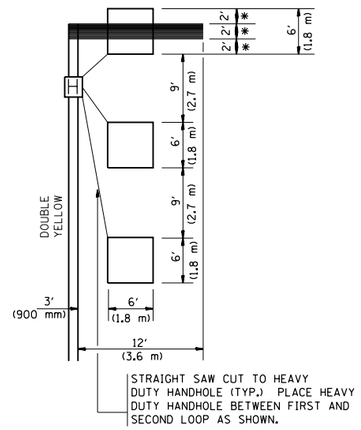


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

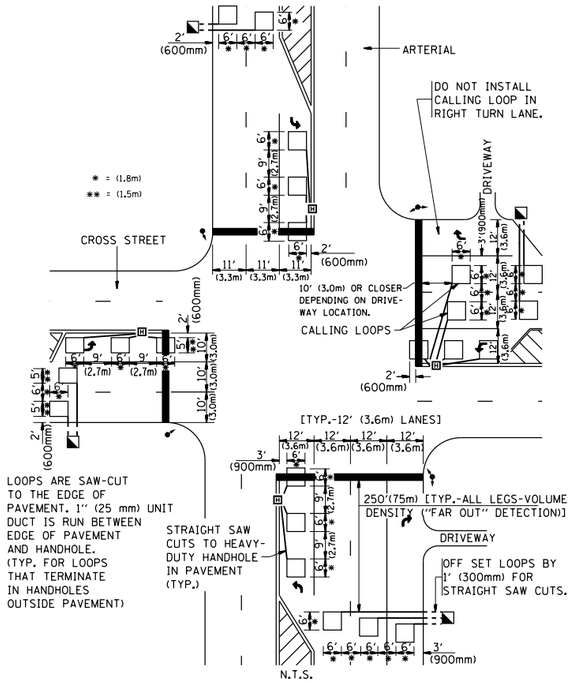
LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

* = (600 mm)



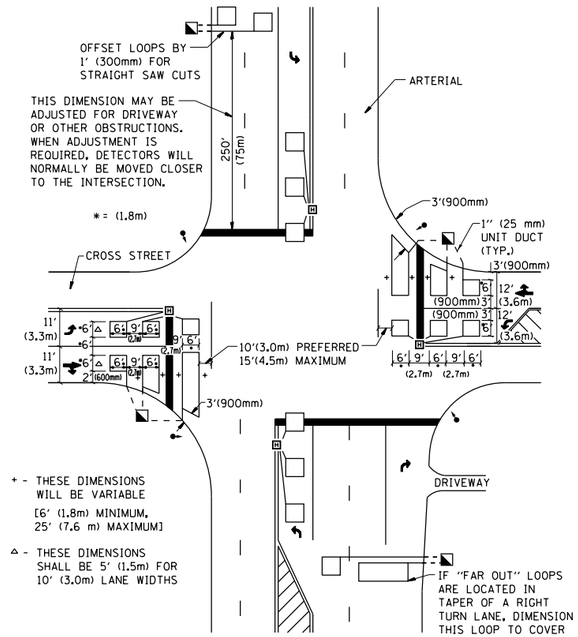
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)



DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - R.K.F.	REVISED -
	PLOT DATE = 4/3/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 – DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2014-022RS	COOK	30	30
	TS-07	CONTRACT NO. 60Y08		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		