06-15-12 LETTING ITEM 107

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	1
	ILLINOIS	CONTRACT NO. 60T64		

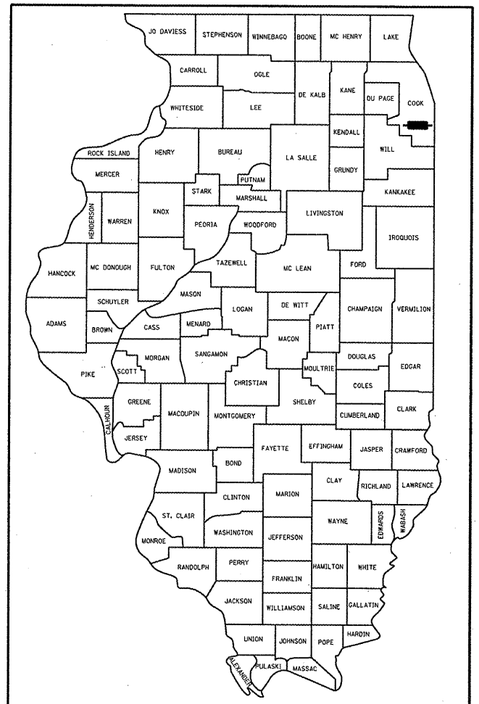
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

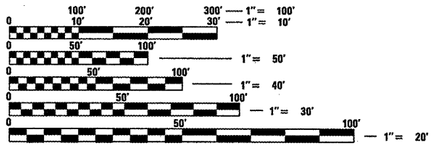
FOR INDEX OF SHEETS, SEE SHEET NO. 2

VARIOUS ROUTES
SECTION: 2012–018 RS
VARIOUS LOCATIONS IN SOUTHERN COOK AND WILL COUNTIES
INTERMITTENT RESURFACING
COOK AND WILL COUNTIES
C–91–402–12

D–91–402–12



LOCATION OF SECTION INDICATED THUS:– ▬



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 4 20 12
Diane O'Keefe /ASD
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 11 20 12
John D. Baranzelli P.E. /br
acting ENGINEER OF DESIGN AND ENVIRONMENT
May 11 20 12
William B. Fries /br
acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

CONTRACT NO. 60T64

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INDEX OF SHEETS

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001 -06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
701011 -02	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 -04	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS $\geq$ 45 MPH TO 55 MPH
701426 -04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS
701427	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS $\leq$ 40 MPH
701501 -06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502 -04	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601 -07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602 -05	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606 -08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701 -08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901 -02	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 PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

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

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

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 PAVEMENT PATCHES SHOWN IN THE PLANS ARE TWO (2) INCH MILL AND RESURFACE ONLY. THE MINIMUM WIDTH FOR MILLING AND PATCHING SHALL BE THREE (3) FEET.

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

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKING

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.

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

MIXTURE TYPE	AIR VOIDS (%) @ $N_{DES.}$
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5MM), 2"	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/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 "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

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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.	2012-018 RS	COOK & WILL	29	2
		CONTRACT NO. 60T64		
		ILLINOIS FED. AID PROJECT		

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SUMMARY OF QUANTITIES

	CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 100% STATE COOK CO 0005	100% STATE WILL CO. 0005				
	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	15	13	2				
	40600300	AGGREGATE (PRIME COAT)	TON	72	63	9				
	40600400	MIXTURE FOR CRACKS, JOINTS, AND	TON	54	47	7				
		FLANGEWAYS								
	40600895	CONSTRUCTING TEST STRIP	EACH	1	1					
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SQ YD	1061	937	124				
		JOINT								
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX	TON	3960	3497	463				
		"D", N70								
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	35344	31217	4127				
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
	67100100	MOBILIZATION	L SUM	1	0.9	0.1				
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	4069	3462	607				
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1711	1509	202				
*	78000100	THERMOPLASTIC PAVEMENT MARKING -	SQ FT	550	518	32				
		LETTERS AND SYMBOLS								
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	43447	37082	6365				

SUMMARY OF QUANTITIES

	CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 100% STATE COOK CO 0005	100% STATE WILL CO. 0005				
*	78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	2265		2265				
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1310	1000	310				
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	250	250					
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	250	250					
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	532	508	24				
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	790	591	199				
	78300200	RAISED REFLECTIVE PAVEMENT MARKER	EACH	790	591	199				
		REMOVAL								
*	88600600	DETECTOR LOOP REPLACEMENT	FOOT	1700	1650	50				
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	1132	1080	52				
		* SPECIALTY ITEM								

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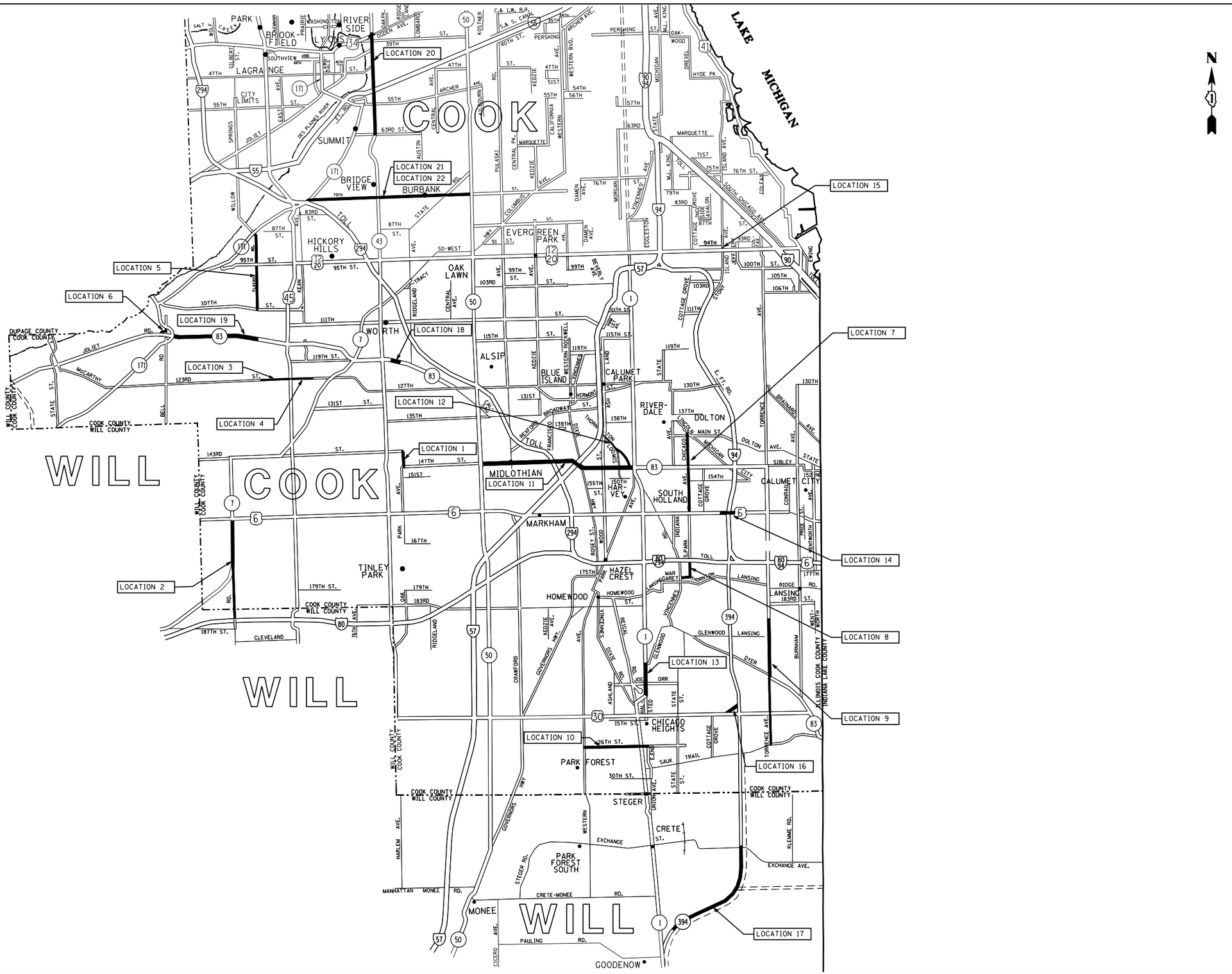
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	3
		CONTRACT NO. 60T64		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -			VAR.	2012-018 RS	COOK & WILL	29	4
	PLOT DATE = 4/5/2012	CHECKED -	REVISED -					CONTRACT NO. 60T64		
		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

	SUMMARY -SOUTHERN COOK COUNTY AND WILL COUNTY ROUTES	MUNICIPALITIES	SPEED LIMIT	ADT (YEAR)
LOC. 1	JUSTAMERE RD. (143RD ST. TO 147TH ST.)	BREMEN TWP.	45 MPH	5,600 (2010)
LOC. 2	WOLF RD. (159TH ST. TO INTERSTATE 80)	ORLAND PARK, MOKENA, ORLAND TWP., FRANKFORT TWP.	45 MPH	20,400 (2011)
LOC. 3	MCCARTHY RD. (104TH AVE. TO LAGRANGE RD.)	PALOS PARK, PALOS TWP.	45-55 MPH	15,300 (2010)
LOC. 4	MCCARTHY RD. (LAGRANGE RD. TO ELM ST.)	PALOS PARK, PALOS TWP.	35 MPH	7,600 (2010)
LOC. 5	104TH AVE. (107TH ST. TO Archer Ave.)	PALOS TWP.	40-50 MPH	8,100 (2010)
LOC. 6	OLD BELL RD. (MAIN ST. TO IL 83)	LEMONT, LEMONT TWP.	25 MPH	8,100 (2010)
LOC. 7	CHICAGO RD. (LINCOLN AVE. TO US 6)	DOLTON, SOUTH HOLLAND	30 MPH	5,600 (2010)
LOC. 8	ELEANOR ST. (WILLIAMS ST. TO INTERSTATE 80)	THORNTON, SOUTH HOLLAND	30-35 MPH	5,600 (2010)
LOC. 9	TORRENCE AVE. (186TH ST. TO SAUK TRAIL)	LANSING, LYNWOOD, FORD HEIGHTS, SAUK VILLAGE, BLOOM TWP.	40-50 MPH	5,600 (2010)
LOC. 10	26TH ST. (WESTERN AVE. TO EAST END AVE.)	PARK FOREST, CHICAGO HEIGHTS, SOUTH CHICAGO HEIGHTS, BLOOM TWP.	30-40 MPH	5,600 (2010)
LOC. 11	SIBLEY BLVD. (CICERO AVE. TO HALSTED ST.)	MIDLOTHIAN, POSEN, HARVEY, DIXMOOR	30-35 MPH	5,600 (2010)
LOC. 12	THORNTON-BLUE ISLAND RD. (WOOD ST. TO SIBLEY BLVD.)	HARVEY, DIXMOOR	35-45 MPH	5,600 (2010)
LOC. 13	HALSTED ST. (VOLLMER RD. TO IL 1 CUTOFF)	CHICAGO HEIGHTS	35-40 MPH	5,600 (2010)
LOC. 14	US 6 (WOODLAWN AVE. TO INTERSTATE 94)	SOUTH HOLLAND	35 MPH	5,600 (2010)
LOC. 15	94TH STONY ISLAND (95TH STONY ISLAND TO OVERPASS)	CHICAGO HEIGHTS	35 MPH	5,600 (2010)
LOC. 16	IL 394 AT US 30 EXIT RAMPS	FORD HEIGHTS, BLOOM TWP.	55-35 MPH	5,600 (2010)
LOC. 17	IL 394 (EXCHANGE ST. TO ELMSCOURT LN.) - WILL COUNTY	CRETE TWP.	55 MPH	5,600 (2010)
LOC. 18	IL 83 (66TH ST. TO OAK PARK AVE.)	PALOS HEIGHTS	45 MPH	16,800 (2009)
LOC. 19	IL 83 (104TH AVE. TO ARCHER AVE.)	LEMONT, LEMONT TWP., PALOS TWP.	45-55 MPH	13,100 (2009)
LOC. 20	IL 43 (OGDEN AVE. TO 63RD ST.)	BERWIN, RIVERSIDE, LYONS, STICKNEY, FOREST VIEW, SUMMIT, CHICAGO	30-40 MPH	45,400 (2009)
LOC. 21	79TH ST. - EB (88TH AVE. TO CICERO AVE.)	JUSTICE, BRIDGEVIEW, BURBANK, CHICAGO	35-45 MPH	34,700 (2010)
LOC. 22	79TH ST. - WB (CICERO AVE. TO I-294)	JUSTICE, BRIDGEVIEW, BURBANK, CHICAGO	35-45 MPH	34,700 (2010)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE INFORMATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	5
		CONTRACT NO. 60T64		
	ILLINOIS	FED. AID PROJECT		

		HMA 2" MILL
	SUMMARY -SOUTHERN COOK COUNTY AND WILL COUNTY ROUTES	& RESURFACE
		(SY)
LOC. 1	JUSTAMERE RD. (143RD ST. TO 147TH ST.)	1421
LOC. 2	WOLF RD. (159TH ST. TO INTERSTATE 80)	7474
LOC. 3	MCCARTHY RD. (104TH AVE. TO LAGRANGE RD.)	272
LOC. 4	MCCARTHY RD. (LAGRANGE RD. TO ELM ST.)	440
LOC. 5	104TH AVE. (107TH ST. TO Archer Ave.)	391
LOC. 6	OLD BELL RD. (MAIN ST. TO IL 83)	1591
LOC. 7	CHICAGO RD. (LINCOLN AVE. TO US 6)	804
LOC. 8	ELEANOR ST. (WILLIAMS ST. TO INTERSTATE 80)	362
LOC. 9	TORRENCE AVE. (186TH ST. TO SAUK TRAIL)	2993
LOC. 10	26TH ST. (WESTERN AVE. TO EAST END AVE.)	4309
LOC. 11	SIBLEY BLVD. (CICERO AVE. TO HALSTED ST.)	3023
LOC. 12	THORNTON-BLUE ISLAND RD. (WOOD ST. TO SIBLEY BLVD.)	1145
LOC. 13	HALSTED ST. (VOLLMER RD. TO IL 1 CUTOFF)	523
LOC. 14	US 6 (WOODLAWN AVE. TO INTERSTATE 94)	285
LOC. 15	STONY ISLAND AVE. (95TH ST. TO OVERPASS)	389
LOC. 16	IL 394 AT US 30 EXIT RAMPS	665
LOC. 17	IL 394 (EXCHANGE ST. TO ELMSCOURT LN.) - WILL COUNTY	4127
LOC. 18	IL 83 (66TH ST. TO OAK PARK AVE.)	489
LOC. 19	IL 83 (104TH AVE. TO ARCHER AVE.)	1019
LOC. 20	IL 43 (OGDEN AVE. TO 63RD ST.)	1296
LOC. 21	79TH ST. - EB (88TH AVE. TO CICERO AVE.)	904
LOC. 22	79TH ST. - WB (CICERO AVE. TO I-294)	1422
	SOUTHERN COOK COUNTY AND WILL COUNTY ROUTES TOTAL =	35344
		SY

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF PATCHING SCHEDULE

SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	6
		CONTRACT NO. 60T64		
	ILLINOIS	FED. AID PROJECT		

ROUTE: Justamere Rd. (143rd St. to 147th St.)

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)
143rd St		SB	1	12	150	1800	200
		SB	1	12	50	600	67
		SB	1	12	80	960	107
		SB	1	12	8	96	11
		SB	1	6	20	120	13
		SB	1	6	50	300	33
	147th St	SB	1	6	50	300	33
147th St		NB	1	6	200	1200	133
		NB	1	6	75	450	50
		NB	1	12	30	360	40
		NB	1	6	800	4800	533
	143rd St	NB	1	12	150	1800	200
		TOTALS:			**1663**		**1421**
					FT		**SY**

ROUTE: Wolf Rd.(159th St. to I-80)

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)
159th Street		SB	1	3	400	1200	133
		SB	1	3	200	600	67
		SB	1	3	500	1500	167
		SB	1	6	50	300	33
	167th Street	SB	1	3	600	1800	200
167th Street		SB	1	3	100	300	33
		SB	1	12	10	120	13
	Brook Hill Drive	SB	1	6	50	300	33
US 6		SB	1	12	300	3600	400
		SB	1	12	50	600	67
		SB	1	6	200	1200	133
		SB	1	6	200	1200	133
		SB	1	12	400	4800	533
		SB	1	6	200	1200	133
	179th Street	SB	1	12	20	240	27
179th Street		SB	1	12	100	1200	133
		SB	1	3	100	300	33
		SB	1	6	200	1200	133
		SB	1	3	800	2400	267
		SB	1	6	200	1200	133
		SB	1	12	6	72	8
	I-80	SB	1	12	6	72	8

ROUTE: Wolf Rd.(159th St. to I-80) (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)
I-80		NB	1	6	12	72	8
		NB	1	6	12	72	8
		NB	1	6	12	72	8
		NB	1	6	12	72	8
		NB	1	6	12	72	8
		NB	1	6	200	1200	133
		NB	1	3	200	600	67
		NB	1	6	12	72	8
		NB	1	3	200	600	67
		NB	1	3	300	900	100
	179th Street	NB	1	3	150	450	50
179th Street		NB	1	6	12	72	8
		NB	1	12	200	2400	267
		NB	1	12	10	120	13
		NB	1	12	150	1800	200
		NB	1	12	500	6000	667
		NB	1	12	200	2400	267
		NB	1	12	200	2400	267
		NB	1	12	100	1200	133
		NB	1	12	50	600	67
	US 6	NB	1	12	200	2400	267
Brook Hill Drive		NB	1	6	12	72	8
		NB	1	6	50	300	33
		NB	1	6	50	300	33
		NB	1	6	300	1800	200
		NB	1	6	600	3600	400
		NB	1	6	100	600	67
		NB	1	6	200	1200	133
		NB	1	6	12	72	8
		NB	1	6	200	1200	133
		NB	1	6	100	600	67
	167th Street	NB	1	6	100	600	67
167th Street		NB	1	15	20	300	33
		NB	1	12	100	1200	133
		NB	1	6	200	1200	133
		NB	1	6	50	300	33
		NB	1	6	100	600	67
		NB	1	12	20	240	27
		NB	1	6	100	600	67
		NB	1	6	100	600	67
		NB	1	12	30	360	40
		NB	1	6	100	600	67
		NB	1	6	150	900	100
		NB	1	12	12	144	16
	159th Street	NB	1	6	150	900	100
		TOTALS:			**10292**		**7474**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
JUSTAMERE RD. AND WOLF RD.

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	7
		CONTRACT NO. 60T64		
	ILLINOIS FED. AID PROJECT			

ROUTE: McCarthy Rd. (0.2 mile east of 104th Ave. to LaGrange Rd.)

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)
East of 104th Ave.	LaGrange Rd.	EB		3	50	150	17
		EB		3	50	150	17
		WB		6	12	72	8
		WB		6	12	72	8
		EB		6	100	600	67
		EB		6	150	900	100
		WB		3	100	300	33
		EB		4	50	200	22
		TOTALS:			**524**		**272**
					FT		**SY**

ROUTE: McCarthy Rd. (LaGrange Rd. to Elm St.)

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)
LaGrange Rd.	Elm St.	WB		6	12	72	8
		EB		6	12	72	8
		EB		4	50	200	22
		EB		4	50	200	22
		EB		3	100	300	33
		WB		3	100	300	33
		WB		6	300	1800	200
		EB		6	50	300	33
		WB		8	24	192	21
		WB		10	12	120	13
		EB		10	12	120	13
		WB		6	12	72	8
		WB		6	12	72	8
		EB		6	12	72	8
		WB		6	12	72	8
		TOTALS:			**770**		**440**
					FT		**SY**

ROUTE: 104th Ave. (107th St. to Archer Ave.)

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 St.		NB	1	3	100	300	33
		NB	1	3	100	300	33
	95th St.	NB	1	3	100	300	33
95th St.		NB	1	12	8	96	11
		NB	1	12	8	96	11
		NB	1	12	6	72	8
	Archer	NB	1	12	20	240	27
Archer		SB	1	14	20	280	31
		SB	1	14	6	84	9
		SB	1	14	6	84	9
		SB	1	14	6	84	9
		SB	1	14	6	84	9
		SB	1	14	6	84	9
		SB	1	14	6	84	9
		SB	1	14	6	84	9
		SB	1	14	6	84	9
		SB	1	14	8	112	12
		SB	1	14	8	112	12
		SB	1	14	8	112	12
		SB	1	14	8	112	12
	95th St.	SB	1	14	8	112	12
95th St.	107th St.	SB	1	3	200	600	67
		TOTALS:			**650**		**391**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
McCARTHY RD. AND 104TH AVE.

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	8
		CONTRACT NO. 60T64		
	ILLINOIS	FED. AID PROJECT		

ROUTE: Old Bell Rd. (Main St. to IL 83)

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)
Main Street		EB	1	16	130	2080	231
		EB	1	6	12	72	8
		EB	1	6	12	72	8
		EB	1	6	100	600	67
		EB	1	20	10	200	22
		EB	1	20	10	200	22
		EB	1	6	12	72	8
		EB	1	6	12	72	8
		EB	1	12	105	1260	140
	IL 83	EB	1	20	140	2800	311
IL 83		WB	1	20	140	2800	311
		WB	1	6	125	750	83
		WB	1	20	20	400	44
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	20	20	400	44
		WB	1	20	60	1200	133
	Main Street	WB	1	12	100	1200	133
		TOTALS:			**1020**		**1591**
					FT		**SY**

ROUTE: Chicago Rd. (Lincoln Ave. to US 6)

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)
Lincoln Ave		NB	2	12	8	96	11
		NB	2	12	15	180	20
	144th St	NB	2	12	100	1200	133
144th St		NB	2	12	30	360	40
	147th St	NB	2	12	20	240	27
Sibley Blvd.		NB	2	12	6	72	8
		NB	2	12	10	120	13
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
	154th St	NB	2	12	6	72	8
154th St		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
	Bridge	NB	2	12	6	72	8
Lincoln Ave.	147th St.	NB	1	12	6	72	8
144th St.	147th St.	NB	1	12	20	240	27
Sibley Blvd.		NB	1	12	6	72	8
		NB	1	12	6	72	8
	154th St.	NB	1	12	6	72	8
154th St.		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
	Bridge	NB	1	12	6	72	8
Lincoln Ave	144th St	SB	1	12	6	72	8
144th St	147th St	SB	1	12	8	96	11
147 St	Stop Sign	SB	1	12	12	144	16
Sibley Blvd		SB	1	12	6	72	8
	154th St	SB	1	12	6	72	8
154th St.		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
	Bridge	SB	1	12	8	96	11
Lincoln Ave.		SB	2	6	50	300	33
		SB	2	12	6	72	8
		SB	2	12	50	600	67
	144th St.	SB	2	6	30	180	20
144th St.		SB	2	6	20	120	13
	147th St.	SB	2	12	20	240	27
147th St.	Stop Sign	SB	2	12	30	360	40
Sibley Blvd.	154th St	SB	2	12	6	72	8
154th St		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
	Bridge	SB	2	12	6	72	8
					653		**804**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
OLD BELL RD. AND CHICAGO RD.

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	9
		CONTRACT NO. 60T64		
	ILLINOIS FED. AID PROJECT			

ROUTE: Eleanor St. (Williams St. to I-80) (AKA South Park)

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)
Williams St		EB	2	6	20	120	13.3
		EB	2	12	6	72	8.0
	EB/NB Turn	EB	2	6	20	120	13.3
EB/NB Turn		NB	2	12	6	72	8.0
		NB	2	12	12	144	16.0
		NB	2	12	6	72	8.0
		NB	2	6	20	120	13.3
		NB	2	12	6	72	8.0
	I-80	NB	2	12	6	72	8.0
I-80		SB	2	12	12	144	16.0
		SB	2	12	12	144	16.0
		SB	2	12	6	72	8.0
		SB	2	12	6	72	8.0
		SB	2	12	6	72	8.0
	SB/WB Turn	SB	2	12	6	72	8.0
SB/WB Turn		WB	2	6	15	90	10.0
	Williams St	WB	2	12	12	144	16.0
Williams St		EB	1	6	20	120	13.3
	EB/NB Turn	EB	1	12	12	144	16.0
EB/NB Turn		NB	1	12	6	72	8.0
		NB	1	12	6	72	8.0
		NB	1	12	6	72	8.0
		NB	1	12	6	72	8.0
		NB	1	12	6	72	8.0
	I-80	NB	1	12	10	120	13.3
I-80		SB	1	12	6	72	8.0
		SB	1	12	6	72	8.0
		SB	1	12	6	72	8.0
		SB	1	12	10	120	13.3
		SB	1	12	6	72	8.0
		SB	1	12	6	72	8.0
		SB	1	12	6	72	8.0
		SB	1	12	6	72	8.0
	SB/WB Turn	SB	1	12	6	72	8.0
SB/WB Turn		WB	1	12	6	72	8.0
	Williams St	WB	1	12	6	72	8.0
		TOTALS:			**319**		**362**
					FT		**SY**

ROUTE: Torrence Ave. (186th St. to Sauk Trail)

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)
Sauk Trail		NB	1	12	20	240	27
		NB	1	12	10	120	13
		NB	1	12	15	180	20
		NB	1	12	45	540	60
		NB	1	12	45	540	60
		NB	1	12	75	900	100
		NB	1	12	45	540	60
	Route 30	NB	1	12	50	600	67
Route 30		NB	1	12	15	180	20
		NB	1	12	8	96	11
		NB	1	6	75	450	50
		NB	1	12	35	420	47
		NB	1	12	6	72	8
	Glenwood Dyer	NB	1	6	75	450	50

ROUTE: Torrence Ave. (186th St. to Sauk Trail) (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)
Glenwood Dyer		NB	1	6	25	150	17
		NB	1	6	125	750	83
		NB	1	6	75	450	50
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
	Glenwood Lansing	NB	1	6	100	600	67
Glenwood Lansing		NB	1	12	6	72	8
		NB	1	12	6	72	8
	186th	NB	2	12	6	72	8
186th		SB	1	12	10	120	13
		SB	2	12	10	120	13
		SB	2	6	50	300	33
		SB	2	6	250	1500	167
		SB	1	12	10	120	13
		SB	1	12	15	180	20
		SB	1	12	10	120	13
		SB	1	12	30	360	40
		SB	1	6	75	450	50
		SB	1	6	200	1200	133
		SB	1	6	50	300	33
		SB	1	12	10	120	13
		SB	1	12	20	240	27
	Glenwood Lansing	SB	LTL	12	20	240	27
Glenwood Lansing		SB	1	16	8	128	14
		SB	1	12	10	120	13
		SB	1	6	45	270	30
		SB	1	3	50	150	17
		SB	1	3	125	375	42
		SB	1	6	50	300	33
		SB	1	6	175	1050	117
	Glenwood Dyer	SB	1	3	50	150	17
Glenwood Dyer		SB	1	12	50	600	67
		SB	1	12	6	72	8
		SB	1	6	75	450	50
		SB	1	6	250	1500	167
		SB	1	3	200	600	67
		SB	1	3	200	600	67
		SB	1	6	50	300	33
		SB	1	12	6	72	8
		SB	1	6	350	2100	233
		SB	1	6	75	450	50
		SB	1	6	25	150	17
		SB	1	12	20	240	27
		SB	1	12	10	120	13
		SB	1	12	6	72	8
		SB	1	12	15	180	20
	Route 30	SB	1	12	6	72	8
Route 30		SB	1	12	6	72	8
		SB	1	12	20	240	27
		SB	1	12	15	180	20
		SB	1	6	50	300	33
		SB	1	6	150	900	100
		SB	1	12	45	540	60
		SB	1	6	45	270	30
		SB	1	12	20	240	27
		SB	1	12	20	240	27
	Sauk Trail	SB	1	6	125	750	83
		TOTALS:			**3993**		**2993**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
ELEANOR ST. AND TORRENCE AVE.

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	10
		CONTRACT NO. 60T64		
	ILLINOIS FED. AID PROJECT			

ROUTE: 26th St. (Western Ave. to East End Ave.)

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)
East End Ave.		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	10	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
		WB	1	12	6	72	8
		WB	1	12	10	120	13
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
	Chicago Rd	WB	1	12	6	72	8
Chicago Rd		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	15	180	20
		WB	1	12	6	72	8
		WB	1	12	6	72	8
	Euclid	WB	1	12	10	120	13
Euclid		WB	1	12	6	72	8
		WB	1	6	300	1800	200
		WB	1	12	8	96	11
		WB	1	12	6	72	8
		WB	1	6	150	900	100
		WB	1	12	40	480	53
		WB	1	12	40	480	53
		WB	1	12	75	900	100
		WB	1	12	6	72	8
		WB	1	12	25	300	33
		WB	1	12	50	600	67
		WB	1	12	75	900	100
		WB	1	6	150	900	100
		WB	1	6	100	600	67
		WB	1	6	75	450	50
		WB	1	6	125	750	83
		WB	1	12	20	240	27
		WB	1	6	150	900	100
		WB	1	3	350	1050	117
		WB	1	6	400	2400	267
		WB	1	3	600	1800	200
		WB	1	12	35	420	47
		WB	1	12	35	420	47
		WB	1	12	35	420	47
		WB	1	3	200	600	67
		WB	1	12	10	120	13
		WB	1	12	35	420	47
	Western	WB	1	3	450	1350	150

ROUTE: 26th St. (Western Ave. to East End Ave.) (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)
Western		EB	1	6	200	1200	133
		EB	1	12	6	72	8
		EB	1	12	35	420	47
		EB	1	3	175	525	58
		EB	1	12	50	600	67
		EB	1	6	75	450	50
		EB	1	12	10	120	13
		EB	1	12	15	180	20
		EB	1	3	700	2100	233
		EB	1	12	25	300	33
		EB	1	6	175	1050	117
		EB	1	3	250	750	83
		EB	1	6	75	450	50
		EB	1	12	10	120	13
		EB	1	6	75	450	50
		EB	1	12	25	300	33
		EB	1	12	25	300	33
		EB	1	6	200	1200	133
		EB	1	12	20	240	27
		EB	1	12	40	480	53
		EB	1	12	40	480	53
		EB	1	12	40	480	53
		EB	1	3	250	750	83
		EB	1	3	250	750	83
		EB	1	12	20	240	27
		EB	1	3	150	450	50
	Euclid	EB	1	12	6	72	8
Euclid		EB	1	12	6	72	8
		EB	1	3	75	225	25
		EB	1	3	200	600	67
		EB	1	12	10	120	13
		EB	1	12	20	240	27
		EB	1	12	15	180	20
		EB	1	12	20	240	27
	Chicago	EB	1	12	8	96	11
Chicago		EB	1	12	10	120	13
		EB	1	12	30	360	40
		EB	1	12	30	360	40
		EB	1	12	15	180	20
		EB	1	12	15	180	20
		EB	1	12	6	72	8
	East End Ave	EB	1	12	6	72	8
		TOTALS:			**7094**		**4309**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
26TH ST.

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	11
		CONTRACT NO. 60T64		
	ILLINOIS FED. AID PROJECT			

ROUTE: Sibley Blvd./147th St. (Cicero Ave. to Halsted St.)

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)
Halsted		WB	2	12	12	144	16
		WB	2	12	12	144	16
	Vincennes	WB	2	12	30	360	40
Vincennes	Loomis	WB	2	6	12	72	8
Loomis		WB	2	6	12	72	8
		WB	2	6	12	72	8
		WB	2	6	12	72	8
		WB	2	6	12	72	8
		WB	2	12	12	144	16
	Wood	WB	2	6	50	300	33
Wood	Robey	WB	2	6	12	72	8
Robey		WB	2	12	25	300	33
		WB	2	12	12	144	16
		WB	2	12	20	240	27
	Dixie	WB	2	12	12	144	16
Cleveland		WB	2	6	20	120	13
		WB	2	6	200	1200	133
	Sacramento	WB	2	6	60	360	40
Sacramento	Kedzie	WB	2	6	60	360	40
Kedzie		WB	2	6	50	300	33
		WB	2	6	12	72	8
	Homan	WB	2	6	12	72	8
Homan		WB	2	6	250	1500	167
		WB	2	12	25	300	33
		WB	2	6	30	180	20
		WB	2	6	100	600	67
		WB	2	6	50	300	33
		WB	2	6	30	180	20
		WB	2	6	50	300	33
		WB	2	6	100	600	67
Homan	Railroad	WB	2	6	25	150	17
Railroad	Crawford	WB	2	6	12	72	8
Crawford		WB	2	6	12	72	8
		WB	2	6	12	72	8
		WB	2	6	20	120	13
		WB	2	6	50	300	33
	Kilbourn	WB	2	6	50	300	33
Kilbourn		WB	2	6	25	150	17
		WB	2	6	12	72	8
		WB	2	6	12	72	8
	Cicero	WB	2	6	12	72	8
Halsted		WB	1	6	12	72	8
		WB	1	6	12	72	8
	Loomis	WB	1	6	12	72	8
Loomis		WB	1	6	12	72	8
		WB	1	6	12	72	8
	Wood	WB	1	6	12	72	8
Wood	Robey	WB	1	6	12	72	8
Homan	Crawford	WB	1	6	12	72	8
Cicero		EB	2	6	12	72	8
		EB	2	6	50	300	33
		EB	2	6	12	72	8
		EB	2	6	12	72	8
		EB	2	6	12	72	8
	Kilbourn	EB	2	6	12	72	8

ROUTE: Sibley Blvd./147th St. (Cicero Ave. to Halsted St.) (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)
Kilbourn		EB	2	6	100	600	67
		EB	2	6	50	300	33
	Keeler	EB	2	6	12	72	8
Keeler	Crawford	EB	2	6	50	300	33
Crawford		EB	2	12	12	144	16
		EB	2	6	12	72	8
		EB	2	6	12	72	8
		EB	2	12	50	600	67
		EB	2	10	12	120	13
		EB	2	6	50	300	33
		EB	2	6	100	600	67
		EB	2	6	300	1800	200
		EB	2	6	50	300	33
	Homan	EB	2	6	100	600	67
Homan	Kedzie	EB	2	12	50	600	67
Kedzie		EB	2	12	30	360	40
		EB	2	6	75	450	50
		EB	2	6	50	300	33
		EB	2	6	50	300	33
	Sacramento	EB	2	6	50	300	33
Sacramento		EB	2	6	12	72	8
		EB	2	6	12	72	8
		EB	2	6	75	450	50
		EB	2	6	12	72	8
	Harrison	EB	2	6	12	72	8
Harrison	Cleveland	EB	2	6	12	72	8
Cleveland	Dixie	EB	2	12	12	144	16
Dixie		EB	2	6	30	180	20
	Robey	EB	2	6	30	180	20
Robey	Wood	EB	2	6	12	72	8
Wood		EB	2	12	30	360	40
		EB	2	12	30	360	40
		EB	2	12	30	360	40
		EB	2	6	20	120	13
	Vincennes	EB	2	12	100	1200	133
Vincennes		EB	2	12	100	1200	133
	Halsted	EB	2	12	100	1200	133
Cicero	Kilbourn	EB	1	6	12	72	8
Sacramento	Harrison	EB	1	6	12	72	8
Harrison	Cleveland	EB	1	6	12	72	8
Dixie		EB	1	6	12	72	8
		EB	1	10	12	120	13
		EB	1	8	12	96	11
		EB	1	8	12	96	11
	Robey	EB	1	8	12	96	11
Robey	Wood	EB	1	6	12	72	8
Wood		EB	1	6	12	72	8
	Vincennes	EB	1	12	30	360	40
Vincennes		EB	1	6	12	72	8
	Halsted	EB	1	12	12	144	16
		TOTALS:			**3760**		**3023**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
SIBLEY BLVD./147TH ST.

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	12
		CONTRACT NO. 60T64		
	ILLINOIS FED. AID PROJECT			

ROUTE: Thornton/Blue Island Rd. (Wood St. to Sibley Blvd)

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)
Wood St		EB	1	6	50	300	33
		EB	1	6	50	300	33
		EB	1	6	50	300	33
		EB	1	6	50	300	33
		EB	1	6	50	300	33
		EB	1	6	100	600	67
		EB	1	6	12	72	8
		EB	1	6	12	72	8
	Loomis	EB	1	6	20	120	13
Loomis		EB	1	6	50	300	33
		EB	1	6	20	120	13
		EB	1	6	12	72	8
		EB	1	6	20	120	13
		EB	1	12	12	144	16
	Sibley	EB	1	12	12	144	16
Sibley		WB	1	6	25	150	17
		WB	1	6	30	180	20
		WB	1	12	12	144	16
	Loomis	WB	1	6	30	180	20
Loomis		WB	1	6	100	600	67
		WB	1	6	40	240	27
		WB	1	6	200	1200	133
		WB	1	6	175	1050	117
		WB	1	6	300	1800	200
	Wood St	WB	1	6	250	1500	167
		TOTALS:			**1682**		**1145**
					FT		**SY**

ROUTE: Halsted St./IL 1 (Vollmer Rd. to IL 1 Cutoff)

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)
Vollmer		SB	2	6	12	72	8
		SB	2	6	12	72	8
		SB	2	6	12	72	8
	Joe Orr	SB	2	12	30	360	40
Joe Orr		SB	2	8	12	96	11
		SB	2	6	12	72	8
		SB	2	6	12	72	8
		SB	2	6	12	72	8
		SB	2	6	12	72	8
	ILL 1 Cut Off	SB	2	12	12	144	16
ILL 1 Cut Off		NB	2	6	12	72	8
	Joe Orr	NB	2	6	12	72	8
Joe Orr		NB	2	6	12	72	8
		NB	2	6	12	72	8
		NB	2	6	12	72	8
		NB	2	6	12	72	8
		NB	2	50	6	300	33
		NB	2	50	6	300	33
	Vollmer	NB	2	6	12	72	8
Vollmer		SB	1	6	12	72	8
		SB	1	6	12	72	8
Vollmer ***	Joe Orr	SB	1	12	150	1800	200
*** This patch is the left turn lane from SB Halsted to EB Joe Orr due to heavy rutting.							
Joe Orr		SB	1	6	12	72	8
		SB	1	6	12	72	8
		SB	1	12	12	144	16
	ILL 1 Cut Off	SB	1	10	12	120	13
ILL 1 Cut Off		NB	1	6	12	72	8
	Joe Orr	NB	1	6	12	72	8
		TOTALS:			**480**		**523**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
THORNTON /BLUE ISLAND RD. AND HALSTED ST./IL 1

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	13
		CONTRACT NO. 60T64		
	ILLINOIS	FED. AID PROJECT		

ROUTE: US 6 / 162nd St. (Woodlawn Ave. to I-94)

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)
Woodlawn		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
	I 94 (Bishop Ford)	EB	1	12	6	72	8
Woodlawn		EB	2	12	6	72	8
		EB	2	12	50	600	67
		EB	2	12	20	240	27
	I 94 (Bishop Ford)	EB	2	12	20	240	27
Woodlawn		WB	1	12	8	96	11
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
	I 94 (Bishop Ford)	WB	1	12	6	72	8
Woodlawn		WB	2	12	12	144	16
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
	I 94 (Bishop Ford)	WB	2	12	6	72	8
Woodlawn		WB	3	12	8	96	11
	I 94 (Bishop Ford)	WB	3	12	6	72	8
		TOTALS:			**214**		**285**
					FT		**SY**

ROUTE: IL 394 at US 30 Exit Ramps

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)
Route 30 Exit Ramp	SB 394 to WB 30			16	75	1200	133
Route 30 Exit Ramp				16	12	192	21
				16	10	160	18
	WB 30 to NB 394			16	10	160	18
Route 30 Exit Ramp				10	15	150	17
				10	15	150	17
				10	15	150	17
	NB 394 to EB 30			10	15	150	17
Route 30 Exit Ramp				6	75	450	50
	EB 30 to SB 394			6	50	300	33
Route 30 Exit Ramp				6	20	120	13
				20	10	200	22
	SB 394 to EB 30			6	100	600	67
Route 30 Exit Ramp				6	10	60	7
				6	50	300	33
	EB 30 to NB 394			10	20	200	22
Route 30 Exit Ramp				6	50	300	33
				16	6	96	11
	NB 394 to WB 30			6	10	60	7
Route 30 Exit Ramp				6	40	240	27
				6	75	450	50
	WB 30 to SB 394			6	50	300	33
		TOTALS:			**733**		**665**
					FT		**SY**

ROUTE: Stony Island Ave. (95th St. to Overpass)

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)
Overpass		NB	1	6	12	72	8
		NB	1	6	12	72	8
		NB	1	6	12	72	8
		NB	1	6	12	72	8
		NB	2	6	12	72	8
		NB	2	6	12	72	8
	95th St	NB	2	6	12	72	8
95th St		SB	2	12	50	600	67
		SB	2	12	100	1200	133
		SB	2	12	25	300	33
		SB	2	12	25	300	33
		SB	2	12	25	300	33
	Overpass	SB	2	12	25	300	33
		TOTALS:			**334**		**389**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
US 6 /162ND ST., STONY ISLAND AVE., AND IL 394 AT US 30

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	14
		CONTRACT NO. 60T64		
	ILLINOIS	FED. AID PROJECT		

ROUTE: IL 394 (Exchange St. to Elmscourt Ln.)

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)
Elmscourt		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	3	50	150	17
		NB	1	3	50	150	17
		NB	1	12	6	72	8
	Bemes	NB	1	3	75	225	25
Bemes		NB	2	3	75	225	25
		NB	2	3	100	300	33
	Elmscourt	NB	2	3	150	450	50
Bemes		NB	1	12	6	72	8
		NB	1	3	75	225	25
		NB	1	12	6	72	8
	Cottage	NB	1	12	150	1800	200
Cottage		NB	1	3	25	75	8
		NB	1	3	75	225	25
		NB	1	3	50	150	17
		NB	1	3	150	450	50
		NB	1	3	50	150	17
		NB	1	3	75	225	25
		NB	1	3	125	375	42
		NB	1	3	125	375	42
		NB	1	3	50	150	17
	Burrville	NB	1	3	25	75	8
Bemes		NB	2	3	50	150	17
		NB	2	3	100	300	33
		NB	2	12	20	240	27
	Cottage	NB	2	12	25	300	33
Cottage		NB	2	3	50	150	17
		NB	2	3	75	225	25
		NB	2	3	150	450	50
		NB	2	3	75	225	25
		NB	2	3	350	1050	117
		NB	2	6	125	750	83
		NB	2	3	50	150	17
		NB	2	3	500	1500	167
	Burrville	NB	2	3	400	1200	133
Bemes		SB	1	12	6	72	8
		SB	1	3	250	750	83
		SB	1	3	150	450	50
		SB	1	6	50	300	33
		SB	1	3	150	450	50
		SB	1	3	250	750	83
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
	Elmscourt	SB	1	3	250	750	83
Bemes		SB	2	3	125	375	42
		SB	2	3	75	225	25
		SB	2	3	50	150	17
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	8	96	11
		SB	2	3	50	150	17
		SB	2	3	125	375	42
	Elmscourt	SB	2	12	15	180	20

ROUTE: IL 394 (Exchange St. to Elmscourt Ln.) (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)
Burrville		SB	1	12	8	96	11
		SB	1	12	6	72	8
		SB	1	3	50	150	17
		SB	1	3	125	375	42
		SB	1	12	6	72	8
		SB	1	12	8	96	11
		SB	1	3	25	75	8
		SB	1	3	150	450	50
		SB	1	12	8	96	11
		SB	1	3	140	420	47
		SB	1	12	6	72	8
		SB	1	12	8	96	11
		SB	1	3	300	900	100
		SB	1	3	50	150	17
		SB	1	3	150	450	50
	Cottage	SB	1	6	50	300	33
Cottage		SB	1	3	150	450	50
		SB	1	3	75	225	25
		SB	1	3	400	1200	133
	Bemes	SB	1	3	50	150	17
Burrville		SB	2	3	150	450	50
		SB	2	3	200	600	67
		SB	2	3	100	300	33
		SB	2	12	6	72	8
		SB	2	3	175	525	58
		SB	2	3	200	600	67
		SB	2	12	6	72	8
		SB	2	3	175	525	58
		SB	2	12	8	96	11
		SB	2	3	400	1200	133
		SB	2	3	175	525	58
		SB	2	3	75	225	25
		SB	2	12	8	96	11
		SB	2	3	75	225	25
		SB	2	3	75	225	25
	Cottage	SB	2	3	75	225	25
Cottage		SB	2	3	200	600	67
		SB	2	3	500	1500	167
		SB	2	3	125	375	42
	Bemes	SB	2	12	6	72	8
At Exchange St. Intersection		NB	LTL	6	100	600	67
		NB	LTL	12	50	600	67
		NB	1	3	45	135	15
		NB	1	3	75	225	25
		NB	1	3	100	300	33
		SB	LTL	12	8	96	11
		SB	LTL	3	100	300	33
		SB	1	6	12	72	8
		SB	1	3	75	225	25
At Exchange St. Intersection		SB	1	3	100	300	33
		TOTALS:			**10670**		**4127**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
IL 394 – WILL COUNTY

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	15
		CONTRACT NO. 60T64		
	ILLINOIS FED. AID PROJECT			

ROUTE: IL 83 (66th St. to Oak Park Ave.)

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)
Oak Park		EB	RTL	12	200	2400	267
		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
	66th Street	EB	1	12	6	72	8
66th Street	Oak Park	WB	1	5	300	1500	167
		TOTALS:			**542**		**489**
					FT		**SY**

ROUTE: IL 83 (104th Ave. to IL 171/Archer Ave.)

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)
104th		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
	Bridge	NB	1	12	6	72	8
Bridge		NB	1	5	100	500	56
		NB	1	5	100	500	56
		NB	1	12	8	96	11
		NB	1	12	8	96	11
		NB	1	12	8	96	11
		NB	1	12	8	96	11
		NB	1	12	8	96	11
		NB	1	12	8	96	11
		NB	1	12	8	96	11
		NB	1	12	8	96	11
		NB	1	12	150	1800	200
		NB	1	12	5	60	7
		NB	1	12	5	60	7
		NB	1	12	5	60	7
		NB	1	12	5	60	7
		NB	1	12	5	60	7
		NB	1	12	5	60	7
		NB	1	12	5	60	7
		NB	1	12	50	600	67
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
	Archer	NB	1	12	6	72	8

ROUTE: IL 83 (104th Ave. to IL 171/Archer Ave.) (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)
Archer		SB	1	14	6	84	9
		SB	1	14	6	84	9
		SB	1	14	6	84	9
		SB	1	14	6	84	9
		SB	1	14	6	84	9
		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
	Martin	SB	RTL	12	75	900	100
Martin		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
		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
	104th Ave	SB	1	12	20	240	27
		TOTALS:			**876**		**1019**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
IL 83

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	16
		CONTRACT NO. 60T64		
	ILLINOIS	FED. AID PROJECT		

ROUTE: IL 43 / Harlem Ave. (Ogden Ave. to 63rd St.)

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)
63rd		NB	1	12	6	72	8
		NB	2	12	6	72	8
	62nd	NB	3	12	6	72	8
62nd		NB	1	12	6	72	8
		NB	2	12	6	72	8
	61st	NB	3	12	6	72	8
61st		NB	1	12	6	72	8
	60th	NB	2	14	6	84	9
60th	58th	NB	2	12	6	72	8
58th	57th	NB	2	12	6	72	8
57th		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
	Archer	NB	3	12	6	72	8
Archer		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
	54th	NB	3	12	6	72	8
54th		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	3	12	6	72	8
		NB	3	12	6	72	8
	I-55	NB	3	12	6	72	8
I-55		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
	Terminal Drive	NB	2	12	6	72	8
Terminal Drive		NB	1	12	6	72	8
	47th/46th	NB	1	12	6	72	8
47th/46th	45th	NB	2	12	6	72	8
45th		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
	42nd	NB	3	12	6	72	8
42nd		NB	1	12	6	72	8
		NB	1	12	6	72	8
	41st	NB	2	12	6	72	8
41st		NB	1	12	6	72	8
		NB	2	12	6	72	8
	Pershing	NB	2	12	6	72	8
Pershing		NB	2	12	6	72	8
	Ogden	NB	2	12	6	72	8
Ogden	Pershing	SB	2	12	6	72	8
Joliet		SB	2	12	6	72	8
	47th/46th	SB	2	12	6	72	8
47th/46th		SB	1	12	6	72	8
		SB	1	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
	Terminal	SB	2	12	6	72	8

ROUTE: IL 43 / Harlem Ave. (Ogden Ave. to 63rd St.) (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)
Terminal		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
	I-55	SB	2	12	6	72	8
I-55		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	3	12	6	72	8
	Hanover	SB	3, curbline	2	100	200	22
Hanover		SB	1	12	6	72	8
		SB	1	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	3	12	6	72	8
		SB	3	12	6	72	8
		SB	3	12	6	72	8
		SB	3	12	6	72	8
		SB	3	12	6	72	8
	Archer	SB	LTL	12	9	108	12
Archer		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	3	12	6	72	8
	56th	SB	3	12	6	72	8
56th		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	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
	57th	SB	2	12	6	72	8
57th		SB	1	12	6	72	8
	59th	SB	2	12	6	72	8
59th		SB	1	12	6	72	8
	60th	SB	2	12	6	72	8
60th		SB	1	12	15	180	20
		SB	2	12	15	180	20
		SB	2	12	12	144	16
	61st	SB	2	12	12	144	16
61st		SB	1	12	6	72	8
		SB	2	12	6	72	8
	61st Place	SB	3	12	6	72	8
61st Place		SB	1,2	10	10	100	11
		SB	1	12	9	108	12
		SB	1	12	8	96	11
		SB	1	12	6	72	8
		SB	2	12	6	72	8
	63rd	SB	3	12	6	72	8
HARLEM AVE. AT OGDEN AVE. IN		NB	1,2	25	20	500	56
		SB	1,2	25	24	600	67
		SB	RTL, 3	50	25	1250	139
		WB	2	12	10	120	13
		TOTALS:			**929**		**1296**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
IL 43 /HARLEM AVE.

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	17
		CONTRACT NO. 60T64		
	ILLINOIS FED. AID PROJECT			

ROUTE: EB 79th St. (88th Ave. to Cicero Ave.)

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)
88th Ave		EB	1	12	6	72	8
		EB	2	12	6	72	8
	87th	EB	2	12	6	72	8
87th		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
	86th	EB	2	12	6	72	8
86th		EB	1	12	6	72	8
		EB	1	12	6	72	8
	85th	EB	2	12	6	72	8
85th		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	6	72	8
	84th	EB	2	12	6	72	8
84th		EB	1	12	6	72	8
	83rd	EB	2	12	6	72	8
83rd		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
	81st	EB	2	12	6	72	8
81st		EB	2	13	6	78	9
	Roberts	EB	LTL	11	6	66	7
Roberts		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
	78th Ave	EB	2	12	6	72	8
78th Ave		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
	Oketo	EB	2	12	6	72	8
Oketo		EB	1	12	6	72	8
		EB	1	12	6	72	8
	Harlem	EB	1	12	6	72	8
Harlem		EB	1	12	6	72	8
		EB	2	12	6	72	8
	Neva	EB	3	12	6	72	8
Neva	Nottingham	EB	1	12	6	72	8
Nottingham		EB	1	12	6	72	8
		EB	2	12	6	72	8
	Sayre	EB	2	12	6	72	8
Newland		EB	2	12	6	72	8
	New England	EB	2	12	6	72	8

ROUTE: EB 79th St. (88th Ave. to Cicero Ave.) (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)
New England		EB	1	12	6	72	8
	Newcastle	EB	2	12	6	72	8
Newcastle		EB	1	12	6	72	8
	Oak Park	EB	2	12	6	72	8
Oak Park		EB	1	12	6	72	8
	Rutherford	EB	2	12	6	72	8
Rutherford	Normandy	EB	2	12	6	72	8
Normandy		EB	1	12	6	72	8
	Natoma Ave	EB	2	12	6	72	8
Natoma Ave	Nashville	EB	2	12	6	72	8
Nashville	Neenah	EB	1	12	6	72	8
Neenah	Natchez	EB	1	12	6	72	8
Natchez	Narragansett	EB	1	12	6	72	8
Narragansett		EB	1	12	6	72	8
	Mulligan Ave	EB	2	12	6	72	8
Mulligan Ave	Mobile	EB	2	12	6	72	8
Mobile		EB	1	12	6	72	8
		EB	1	12	6	72	8
	Melvina	EB	1	12	6	72	8
McVickey	Austin	EB	2	12	6	72	8
Austin		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
	Mayfield	EB	2	12	6	72	8
Massasoit		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
	Major	EB	2	12	6	72	8
Parkside Ave	Central	EB	2	12	6	72	8
Central	Luna	EB	1,2,LTL	36	6	216	24
Linder	State	EB	1,2	24	6	144	16
State		EB	1	12	6	72	8
		EB	1	12	6	72	8
	Lorel	EB	2	12	6	72	8
Lorel		EB	1	12	6	72	8
	Lockwood	EB	2	12	6	72	8
Lockwood		EB	1	12	6	72	8
		EB	2	12	6	72	8
	Latrobe	EB	2	12	6	72	8
Latrobe		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
	LeClaire	EB	2	12	6	72	8
LeClaire		EB	1	12	6	72	8
	Lawler	EB	2	12	6	72	8
Lawler		EB	1	12	6	72	8
	Lavergne	EB	2	12	6	72	8
Lavergne		EB	1	12	6	72	8
	Laporte	EB	1	12	6	72	8
Laporte		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	RTL	12	6	72	8
	Cicero	EB	LTL	12	6	72	8
		TOTALS:			**660**		**904**
					FT		**SY**

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
79TH ST.

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	18
		CONTRACT NO. 60T64		
	ILLINOIS FED. AID PROJECT			

ROUTE: WB 79th St. (Cicero Ave. to I-294)

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)
Cicero		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
	Lavergne	WB	2	11	6	66	7
Lavergne		WB	1	1	6	6	1
		WB	1	11	6	66	7
	Lawler	WB	2	11	6	66	7
Lawler	Leamington	WB	1,2	22	6	132	15
Leamington	Laramie	WB	2	11	6	66	7
Laramie		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
	Latrobe	WB	2	11	6	66	7
Latrobe		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
	Lockwood	WB	2	11	6	66	7
Lockwood		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
	State	WB	LTL	11	10	110	12
State		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	2	11	6	66	7
	Central	WB	2	11	6	66	7
Central		WB	2	11	6	66	7
	Parkside	WB	2	11	6	66	7
Parkside		WB	2	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
	Major	WB	2	11	6	66	7
Major	Massasoit	WB	2	11	6	66	7

ROUTE: WB 79th St. (Cicero Ave. to I-294) (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)
Massasoit		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	2	11	6	66	7
	Menard	WB	2	11	6	66	7
Menard		WB	1	11	6	66	7
	Monitor	WB	2	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
	Mason	WB	2	11	6	66	7
Mason		WB	1	11	6	66	7
	Austin	WB	2	11	6	66	7
Austin		WB	1	11	10	110	12
		WB	1	11	6	66	7
		WB	1	11	6	66	7
	Mcvicker	WB	2	11	6	66	7
Mcvicker		WB	1	11	6	66	7
	Meade	WB	2	11	6	66	7
Meade		WB	1	11	6	66	7
		WB	1	11	6	66	7
	Moody	WB	2	11	6	66	7
Moody		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
	Melvina	WB	2	11	6	66	7
Melvina		WB	1	11	6	66	7
	Merrimac	WB	2	11	6	66	7
Merrimac		WB	1	11	6	66	7
		WB	2	11	6	66	7
	Mobile	WB	2	11	6	66	7
Mobile		WB	1,2	22	6	132	15
	Mulligan	WB	1,2	22	6	132	15
Mulligan		WB	1,2	22	6	132	15
		WB	1,2	22	6	132	15
	Narragansett	WB	1,2	22	6	132	15
Narragansett		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
	Nagle	WB	2	12	6	72	8

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
79TH ST.

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	19
		CONTRACT NO. 60T64		
	ILLINOIS FED. AID PROJECT			

ROUTE: WB 79th St. (Cicero Ave. to I-294) (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)
Nagle		WB	1	12	6	72	8
	Natchez	WB	2	12	6	72	8
Natchez	Neenah	WB	1	12	6	72	8
Neenah		WB	1	12	6	72	8
		WB	1	12	6	72	8
	Nashville	WB	2	12	6	72	8
Nashville		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
	Natoma	WB	2	12	6	72	8
Natoma		WB	1,2	24	6	144	16
		WB	1,2	24	6	144	16
		WB	1,2	24	6	144	16
		WB	2	12	6	72	8
	Normandy	WB	2	12	6	72	8
Normandy		WB	1,2	24	6	144	16
	Rutherford	WB	1,2	24	6	144	16
Rutherford		WB	1,2	24	6	144	16
		WB	2	12	6	72	8
	Oak Park Av	WB	2	12	6	72	8
Oak Park Av	Newcastle	WB	2	12	6	72	8
Newcastle		WB	1	12	6	72	8
	New England	WB	2	12	6	72	8
New England	Newland	WB	2	12	6	72	8
Newland		WB	1,2	24	6	144	16
	Sayre	WB	1,2	24	6	144	16
Sayre		WB	1,2	24	6	144	16
	Nottingham	WB	1,2	24	6	144	16
Nottingham		WB	1	12	6	72	8
	Harlem	WB	3	12	6	72	8
Harlem		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
	Oketo	WB	1	11	6	66	7
Harlem		WB	1	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
	Oketo	WB	2	11	6	66	7

ROUTE: WB 79th St. (Cicero Ave. to I-294) (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)
Harlem		WB	2	11	6	66	7
		WB	3	11	6	66	7
		WB	3	11	6	66	7
	Oketo	WB	3	11	6	66	7
Oketo		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
		WB	2	11	6	66	7
	78th Av	WB	2	11	6	66	7
78th Av		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	2	11	6	66	7
	Roberts	WB	2	11	6	66	7
Roberts		WB	1	11	6	66	7
		WB	1	11	6	66	7
		WB	2	11	6	66	7
	83rd Ct	WB	LTL	11	6	66	7
83rd Ct		WB	1	11	6	66	7
		WB	2	11	6	66	7
	85th Ct	WB	2	11	6	66	7
85th Ct		WB	1	11	6	66	7
	86th	WB	1,2	23	6	138	15
86th		WB	1	12	6	72	8
	I-294	WB	2	12	6	72	8
		TOTALS:			**1040**		**1422**
					FT		**SY**

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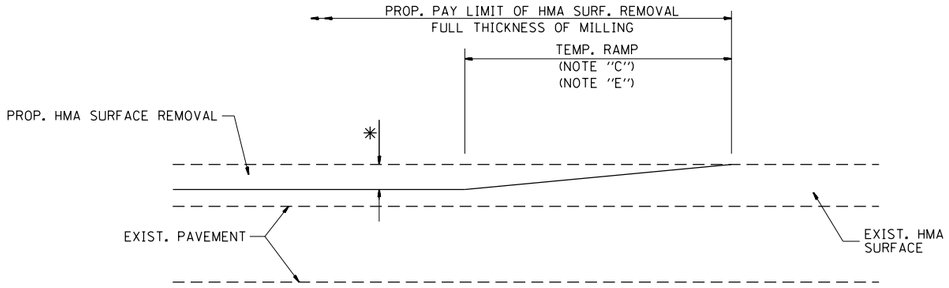
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/5/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE
79TH ST.

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

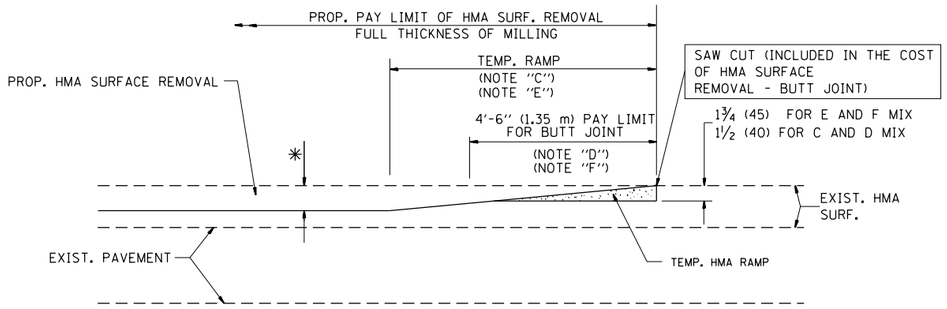
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2012-018 RS	COOK & WILL	29	20
		CONTRACT NO. 60T64		
	ILLINOIS	FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

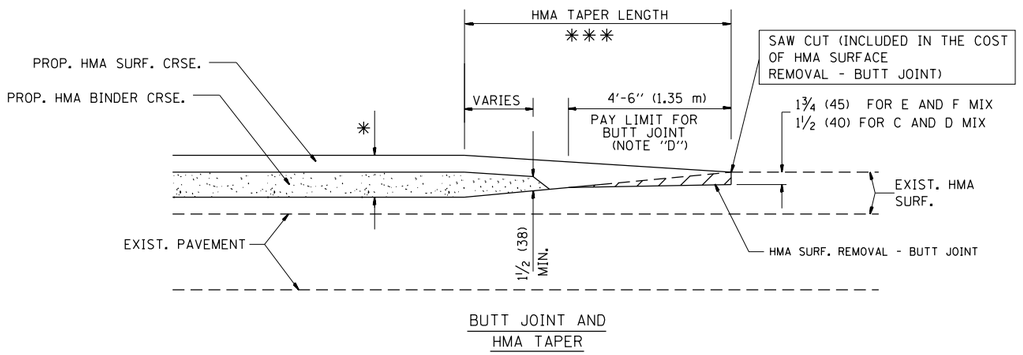


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

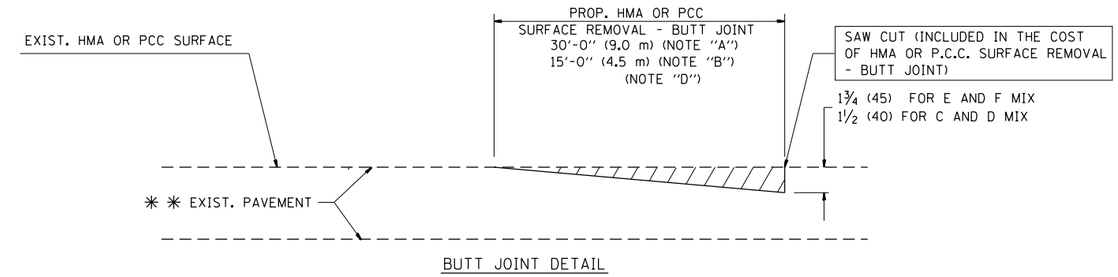
OPTION 2

TYPICAL TEMPORARY RAMP

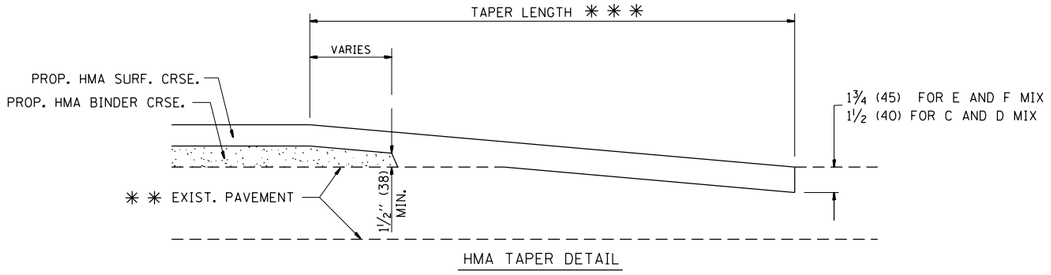


BUTT JOINT AND HMA TAPER

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.

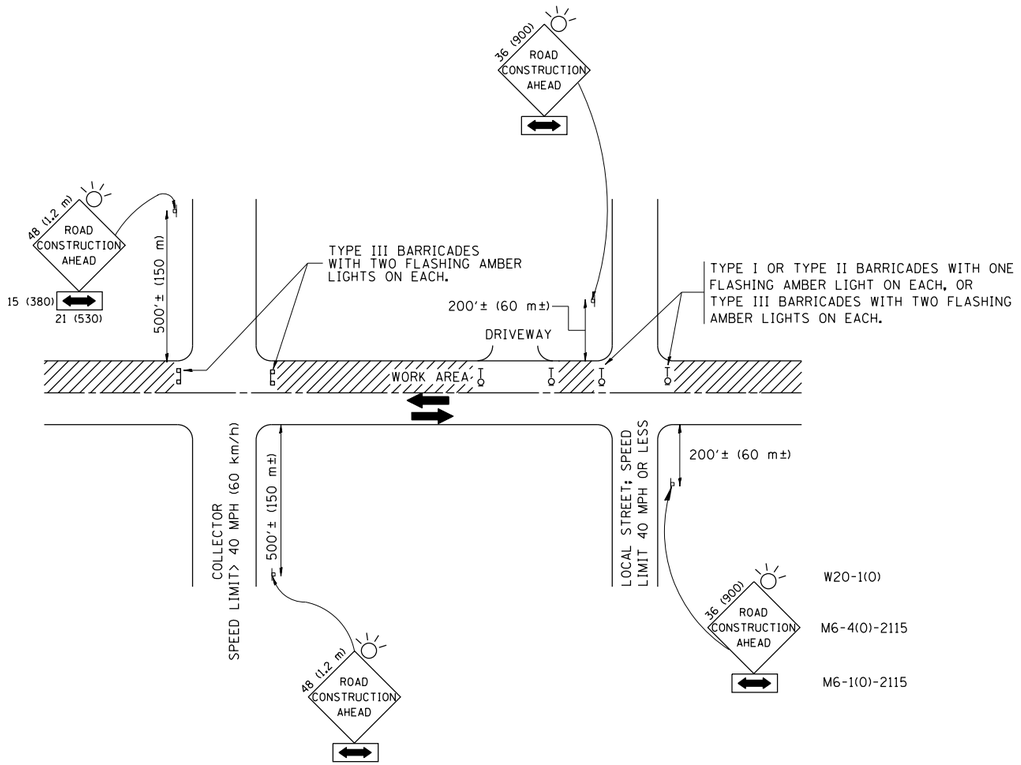
FILE NAME = c:\pw_work\pwidot\pencepl\d0303732\DistStd.dgn	USER NAME = pencepl	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 4/5/2012	DATE - 06-13-90	REVISED - R. BORO 01-01-07

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.
	2012-018 RS	COOK & WILL	29	21
	BD400-05 BD32	CONTRACT NO. 60T64		
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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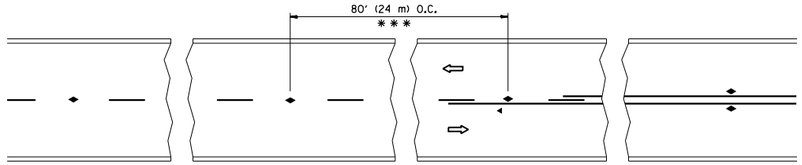
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 4/5/2012	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

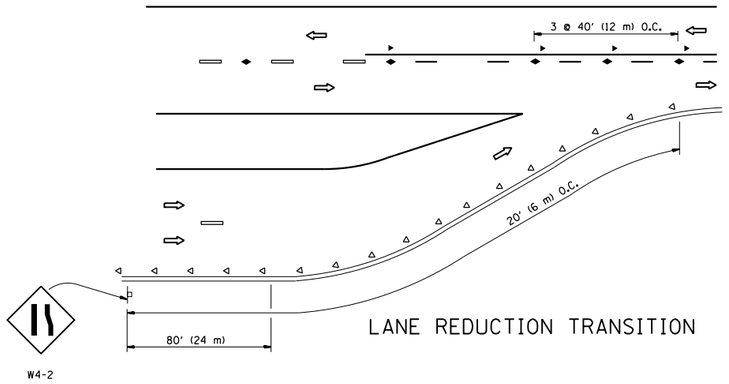
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2012-018 RS	COOK & WILL	29	22
	TC-10	CONTRACT NO. 60T64		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

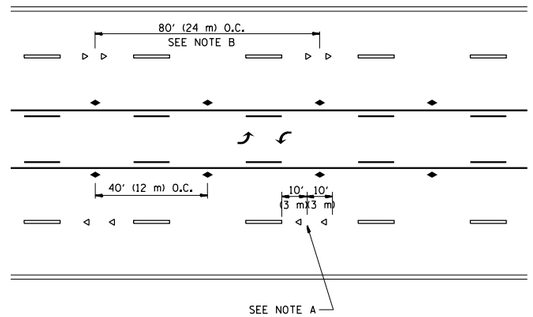


* * * REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

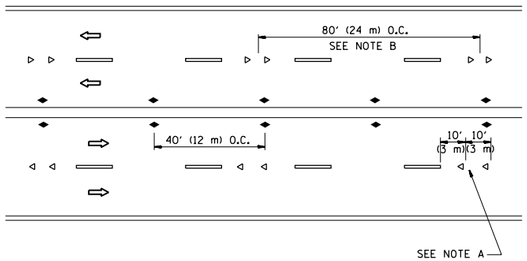
TWO-LANE/TWO-WAY



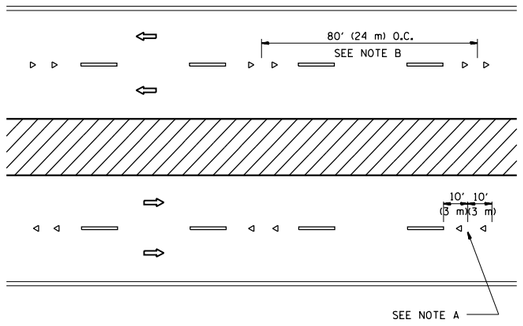
LANE REDUCTION TRANSITION



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

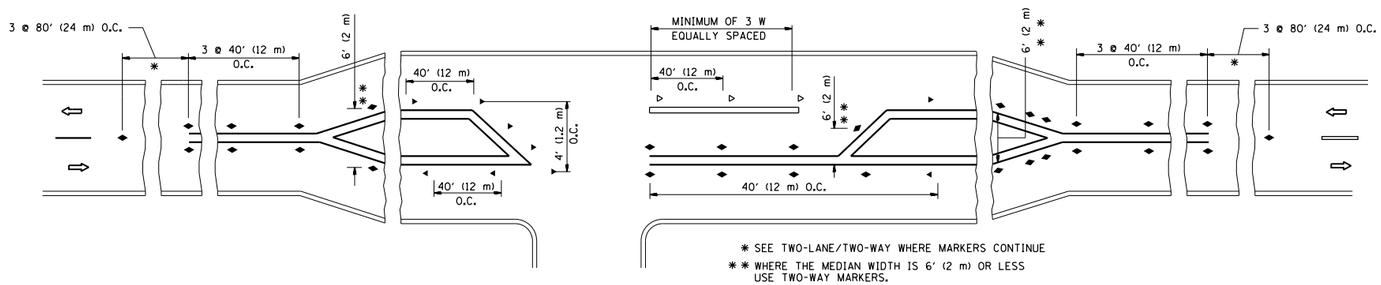
LANE MARKER NOTES

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.



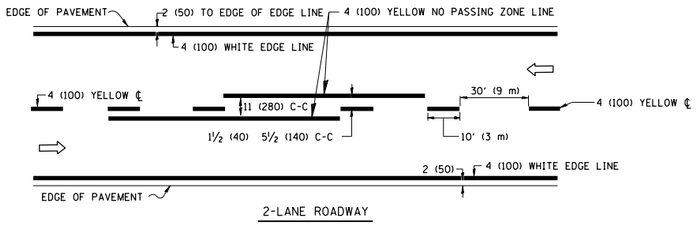
* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

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

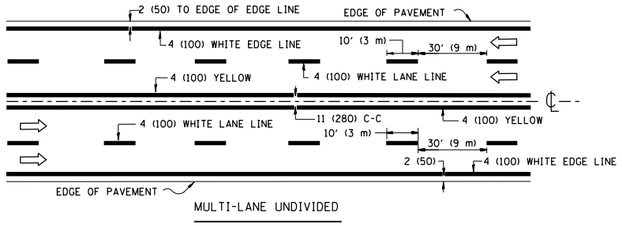
LEFT TURN

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

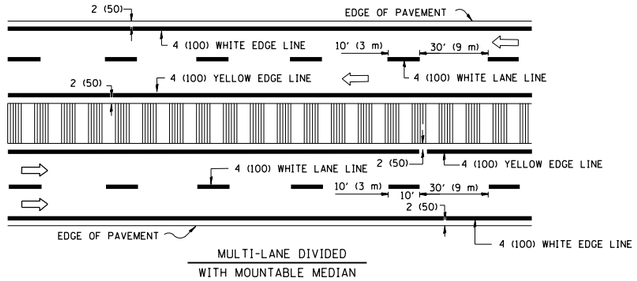
FILE NAME = c:\pw_work\pwidot\pencepl\d0303732\Dist5td.dgn	USER NAME = pencepl	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - T. RAMMACHER 03-12-99						2012-018 RS	COOK & WILL	29	23
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00						TC-11	CONTRACT NO. 60T64		
	PLOT DATE = 4/5/2012	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



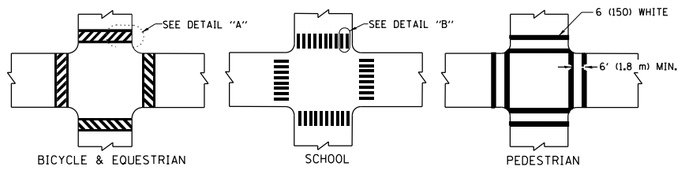
MULTI-LANE UNDIVIDED



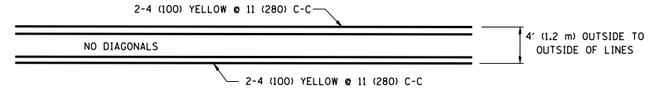
MULTI-LANE DIVIDED
WITH MOUNTABLE MEDIAN

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

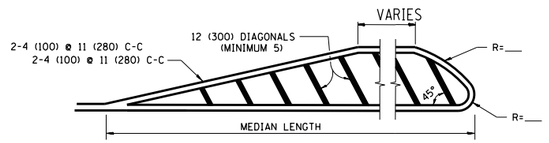
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



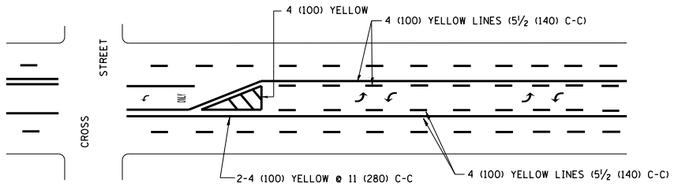
4' (1.2 m) WIDE MEDIANS ONLY



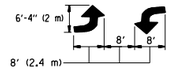
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

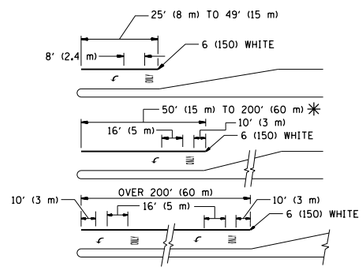


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

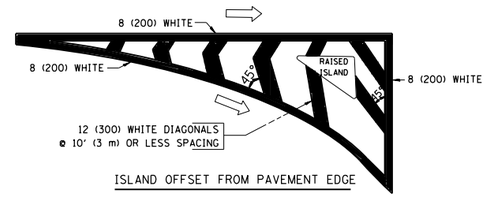


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m^2) **ONLY** AREA = 20.8 SQ. FT. (1.9 m^2)

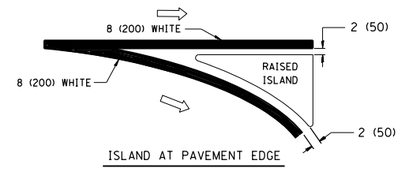
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

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; "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. (0.33 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.

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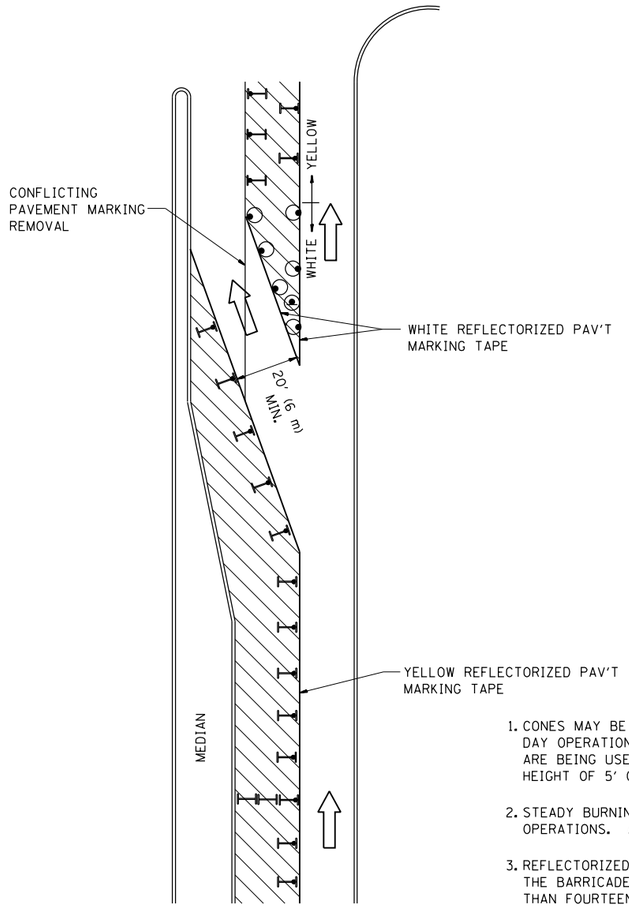
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/5/2012	DATE - 03-19-90	REVISED -

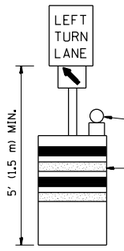
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2012-018 RS	COOK & WILL	29	24
	TC-13	CONTRACT NO. 60T64		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





R 3-I100L 24 x 24 (600 x 600)

M6-2L 21 x 15 (530 x 380)

OPTIONAL FLASHING LIGHT

STANDARD 701901
SEE NOTE 8

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.

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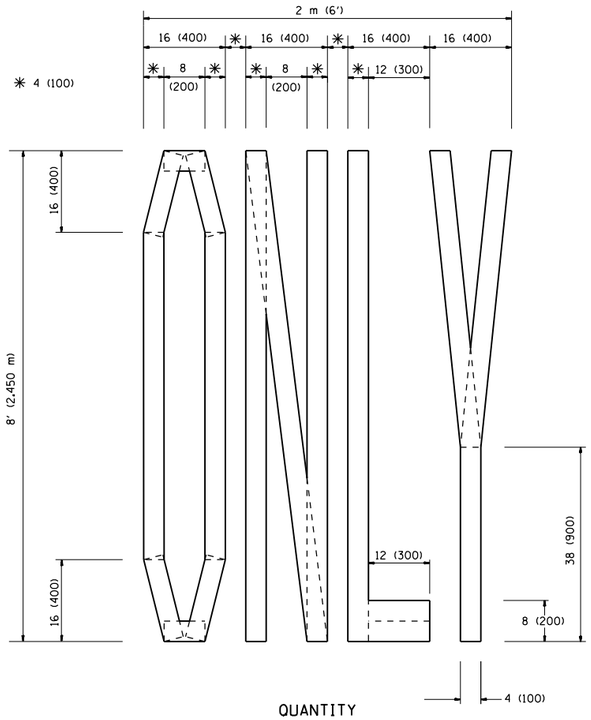
	PLOT DATE = 4/5/2012	REVISED -T. RAMMACHER 01-06-00	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

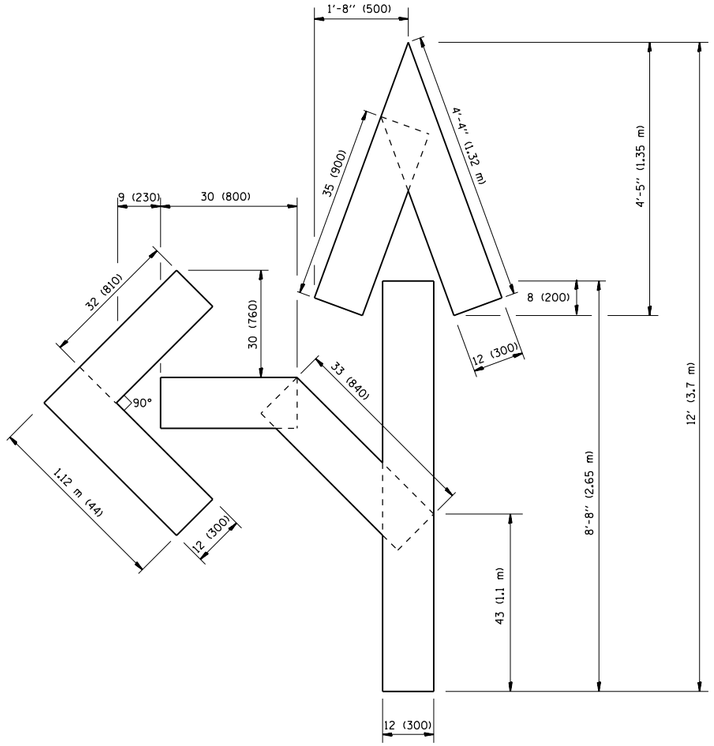
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

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

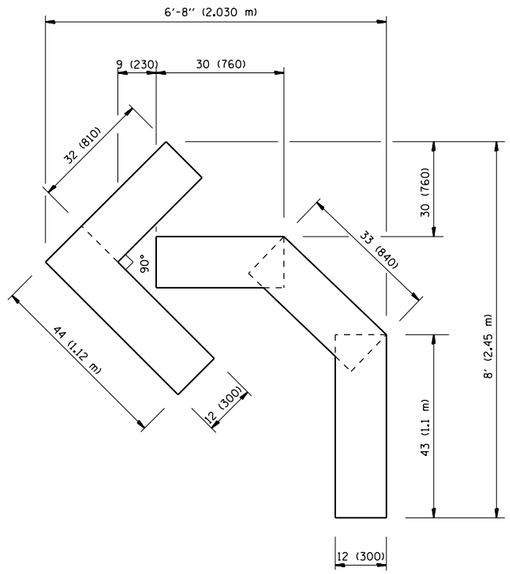
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2012-018 RS	COOK & WILL	29	25
	TC-14	CONTRACT NO. 60T64		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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.

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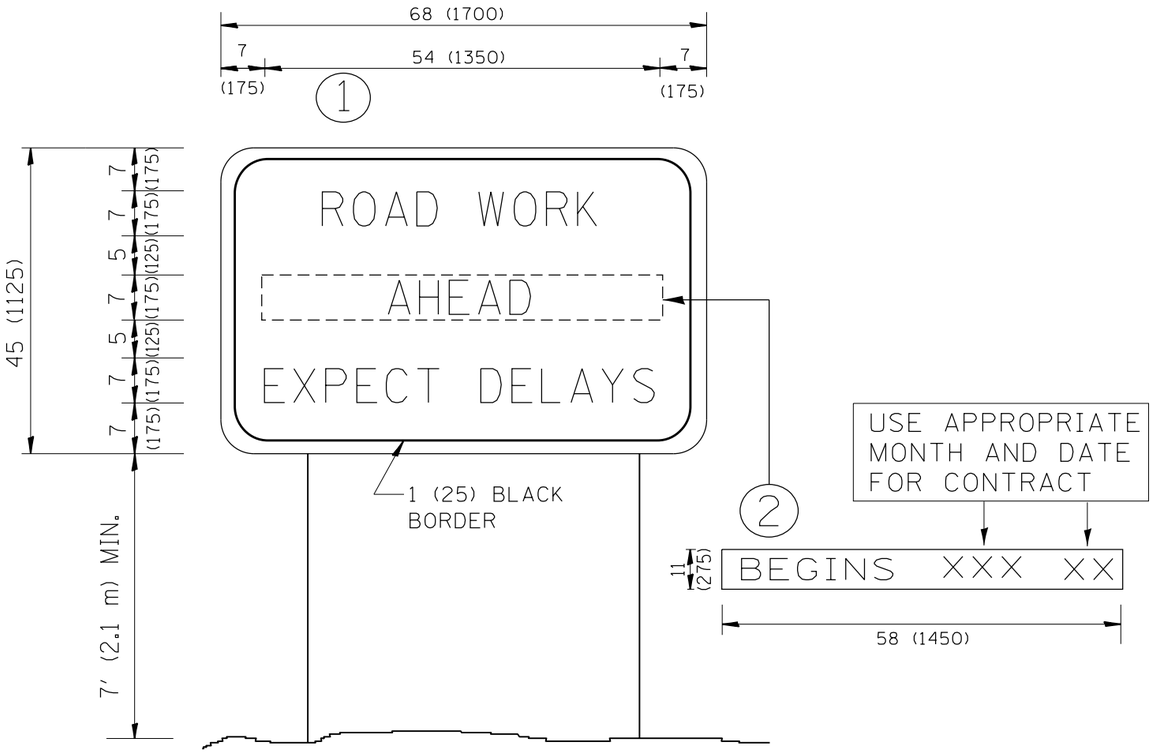
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 4/5/2012	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

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.
	2012-018 RS	COOK & WILL	29	26
	TC-16	CONTRACT NO. 60T64		
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.

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		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -T. RAMMACHER 02-02-99
	PLOT DATE = 4/5/2012	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.
	2012-018 RS	COOK & WILL	29	27
	TC-22	CONTRACT NO. 60T64		
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.

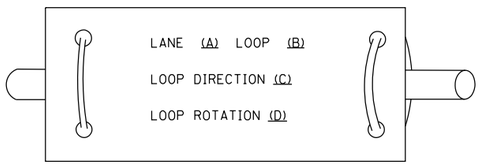
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

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

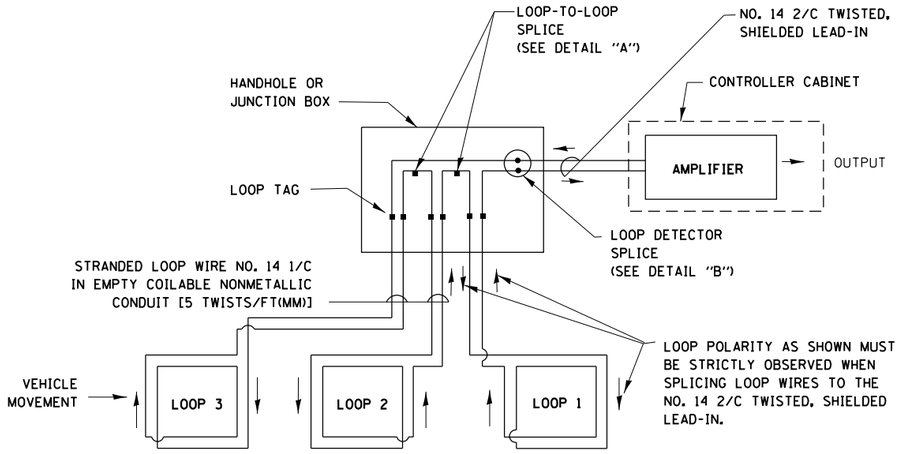


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

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

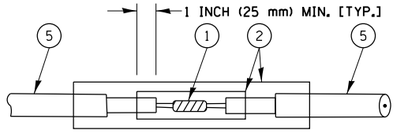
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

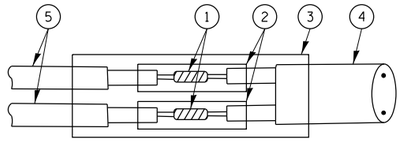


DETECTOR LOOP WIRING SCHEMATIC

- 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.

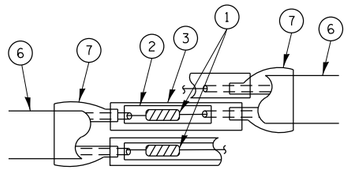


DETAIL "A"
LOOP-TO-LOOP SPLICE



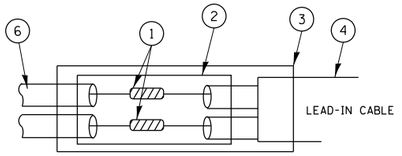
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

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.

(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

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	PLOT DATE = 4/5/2012	DATE - 10-28-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

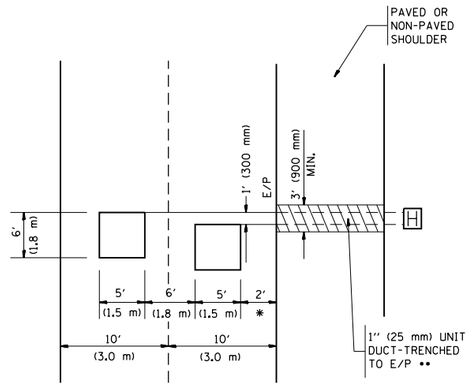
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 1 OF 6 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2012-018 RS	COOK & WILL	29	28
	TS-05	CONTRACT NO. 60T64		
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.

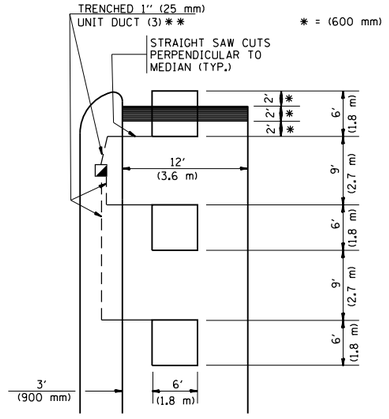


* = (600 mm)

** 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.

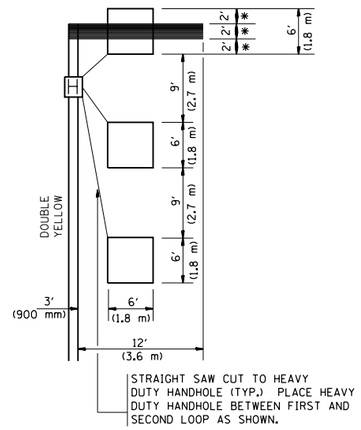


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

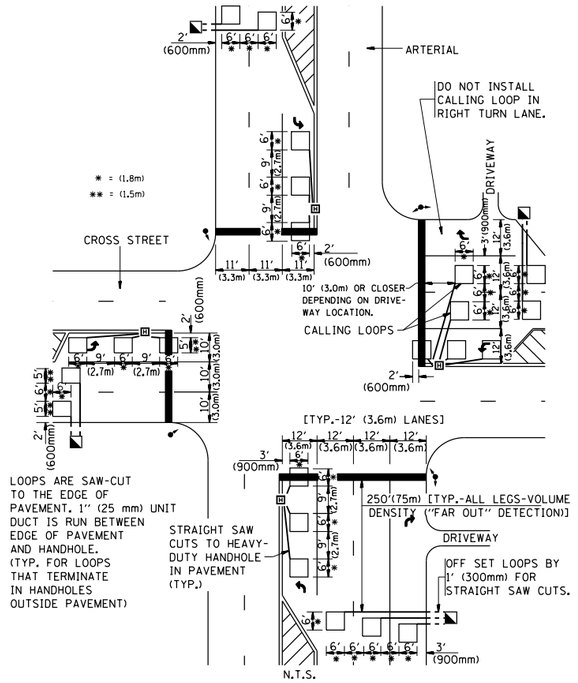
LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

* = (600 mm)



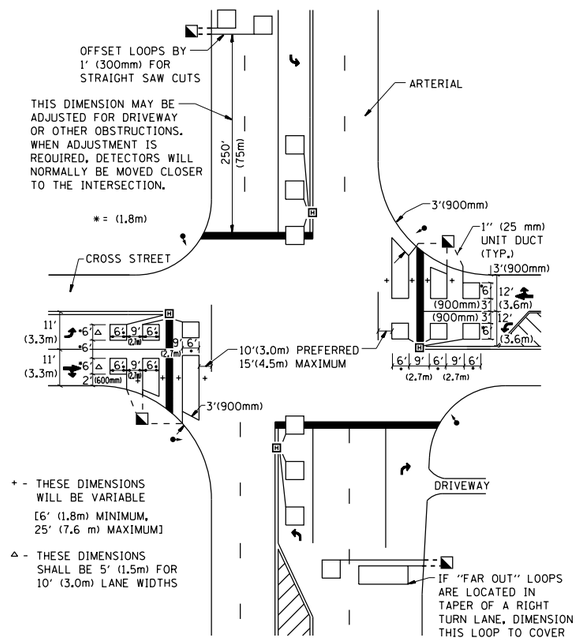
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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 = 4/5/2012	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.
	2012-018 RS	COOK & WILL	29	29
	TS-07	CONTRACT NO. 60T64		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		