11-06-2026 LETTING ITEM 022

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2026-2287-RS	LAKE	22	1
	ILLINOIS	CONTRACT NO. 80F50		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

VARIOUS ROUTES
SECTION: 2026-2287-RS
PCC PAVEMENT PATCHING
LAKE COUNTY

C-91-027-27

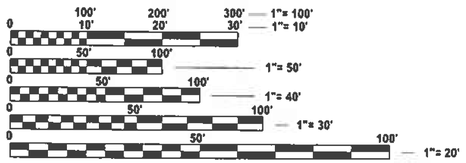
FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT LOCATED IN THE VILLAGES OF THIRD LAKE, GRAYSLAKE, LIBERTYVILLE, MUNDELEIN, LONG GROVE, & BUFFALO GROVE.

D-91-019-27



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

FOR LOCATION MAP
SEE LOCATION DETAIL SHEET

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Sept Twelve 4 26

REGIONAL ENGINEER

October 2 20 26

ENGINEER OF DESIGN AND ENVIRONMENT

October 2 20 26

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT ENGINEER: RODRIGO LEDEZMA (847) 705-4580
PROJECT MANAGER: JEAN ALAIN MIDY (847) 221-3056

CONTRACT NO. 80F50

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5	LOCATION MAP
6	SUMMARY OF PATCHING SCHEDULE
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11-13	CLASS B PATCHING (SPECIAL) - AT/NEAR SIGNALIZED INTERSECTIONS SCHEDULE
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15	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC-10)
16	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)
17-18	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
19	TRAFFIC CONTROL AND PROTECTION OF TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
20	ARTERIAL ROAD INFORMATION SIGN (TC-22)
21	DRIVEWAY ENTRANCE SIGN (TC-26)
22	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY (TS-01 SHEET 2 OF 7) (TS-01)

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
420001-11	PAVEMENT JOINTS
442101-09	CLASS B PATCHES
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVEING OPERATIONS-DAY ONLY
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTEN OR MOVING OPERATION FOR SPEEDS > 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTEN OR MOVING OPERATION FOR SPEEDS < 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W, OR 2W, WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
780001-05	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

1. 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 HOURS NOTIFICATION IS REQUIRED).
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, VILLAGE OF THIRD LAKE, GRAYSLAKE, LIBERTYVILLE, MUNDELEIN, LONG GROVE, & BUFFALO GROVE IN LAKECOUNTY.
3. 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.
4. THE RESIDENT ENGINEER SHALL CONTACT PATRICE HARRIS AREA TRAFFIC FIELD TECHNICIAN, AT PATRICE.HARRIS@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
5. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE PROJECT LIMITS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM AND FOUNDATIONS AND VERIFYING THE MAST ARM LENGHTS.
7. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
8. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
9. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
10. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
11. ANY DETECTOR LOOPS DAMAGED BY PATCHING SHALL BE REPLACED IN KIND.
12. THE CONTRACTOR SHALL PERFORM CRACK AND JOINT SEALING WITH IN THE PROJECT LIMITS. THE EXTENT AND LIMITS SHALL BE DETERMINED BY THE ENGINEER.
13. THE CONTRACTOR SHALL DIAMOND GRIND ALL PATCHES TO PROVIDE A SMOOTH, UNIFORM RIDING SURFACE THAT IS FLUSH WITH THE ADJACENT PAVEMENT.
14. THE CONTRACTOR SHALL ADHERE TO THE WORK RESTRICTION REQUIREMENTS AS OUTLINED IN THE "WORK RESTRICTIONS FOR CLASS B PCC PATCHING PROJECTS (ARTERIALS)" SPECIAL PROVISION.
15.THE CONTRACTOR SHALL CONTACT THE DISTRICT 1 TRAFFIC CONTROL SUPERVISOR JOSEPH D. JONES AT JOSEPH.D.JONES@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
16. EXCLUSIVE LEFT AND RIGHT TURN LANES LOCATED WITHIN A THROUGH LANE CLOSURE SHALL BE MAINTAINED PER DISTRICT DETAIL TC-14.
17. "DRIVEWAY ENTRANCE" SIGNING PER DISTRICT DETAIL TC-26 SHALL BE INSTALLED AT ALL COMMERCIAL DRIVEWAY ENTRANCES THAT ARE LOCATED WITHIN A LANE CLOSURE.
18. TEMPORARY TRAFFIC SIGNAL TIMING SHALL BE CONSIDERED FOR ALL IMPACTED TRAFFIC SIGNALS ALONG THE ACTIVE CONSTRUCTION ROUTE AND ALONG PARALLEL ROUTES WITHIN THE CORRIDOR TO HELP ALLEVIATE TRAFFIC CONGESTION. THE TRAFFIC SIGNAL LOCATIONS THAT ARE TO BE TEMPORARILY RE-TIMED SHALL BE DETERMINED BY THE ENGINEER.
19. THE CONTRACTOR SHALL PERFORM PARTIAL DEPTH PATCHING AT LOCATIONS DIRECTED BY THE ENGINEER.

20. ANY WORK THAT WILL PARTIALLY OR FULLY CLOSE, RESTRICT, OR OTHERWISE AFFECT ACCESS TO A MUNICIPALITY LOCAL ROADWAY, INCLUDING CLOSURE OF AN INTERSECTION APPROACH OR ENTRANCE TO THE LOCAL ROADWAY, SHALL BE COORDINATED WITH THE AGENCY HAVING JURISDICTION OVER THE AFFECTED ROADWAY PRIOR TO IMPLEMENTATION. THE CONTRACTOR SHALL PROVIDE AT LEAST 72 HOURS ADVANCE NOTICE BY CONTACTING THE MUNICIPALITY OF THE PROPOSED CLOSURE OR RESTRICTION TO OBTAIN CONCURRENCE FROM THE LOCAL AGENCY REGARDING THE TIMING, DURATION, TRAFFIC CONTROL, DETOUR ROUTING, AND REQUIRED ADVANCE WARNING SIGNAGE. APPROPRIATE ADVANCE WARNING AND DETOUR SIGNAGE SHALL BE INSTALLED PRIOR TO RESTRICTING ACCESS. **NO LOCAL ROADWAY ACCESS SHALL BE CLOSED OR RESTRICTED WITHOUT PRIOR NOTIFICATION AND COORDINATION WITH THE LOCAL AGENCY.**

PAVEMENT MARKING NOTES

LOCATIONS 1-3:

ALL PAVEMENT MARKINGS WITHIN THE CONCRETE PAVEMENT PROJECT LIMITS SHALL BE RESTORED PER DISTRICT DETAIL TC-13 AND HIGHWAY STANDARD 780001. THE RESTORATION SHALL CONSIST OF OVERLAYING ALL EXISTING PAVEMENT MARKINGS ON NON-REHABBED PAVEMENTS AND INSTALLING NEW PAVEMENT MARKINGS ON NEW REHABBED PAVEMENT USING MODIFIED URETHANE, EXCEPT FOR 4" WHITE 10' LINE 30' SPACE LANE LINE SKIPS WHICH SHALL BE REPLACED WITH 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK) PREFORMED PLASTIC TAPE, TYPE D-STANDARD PAVEMENT MARKINGS IN AN 8" RECESSED GROOVE. ADDITIONALLY, FOR LOCATION 2 THE DIAGONAL CROSSWALK LOCATED ON THE NORTH LEG OF IL 83 AND WASHINGTON STREET SHALL BE REMOVED VIA WATER BLASTING AND REPLACED WITH A 12" LONGITUDINAL BAR CROSSWALK.

LOCATION 4:

ALL PAVEMENT MARKINGS WITHIN THE CONCRETE PAVEMENT PROJECT LIMITS SHALL BE RESTORED PER DISTRICT DETAIL TC-13 AND HIGHWAY STANDARD 780001. THE RESTORATION SHALL CONSIST OF OVERLAYING ALL EXISTING PAVEMENT MARKINGS ON NON-REHABBED PAVEMENTS AND INSTALLING NEW PAVEMENT MARKINGS ON NEW REHABBED PAVEMENT USING MODIFIED URETHANE, EXCEPT FOR EXISTING 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK) 10' LINE 30' SPACE LANE LINE SKIPS WHICH SHALL BE REMOVED VIA WATER BLASTING AND REPLACED WITH NEW 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK) PREFORMED PLASTIC TAPE, TYPE D-STANDARD PAVEMENT MARKINGS IN AN 8" RECESSED GROOVE ON BOTH EXISTING AND NEW PAVEMENT SURFACES. EXISTING RECESSED GROOVED LOCATIONS ON NON-REHABBED PAVEMENTS SHALL NOT BE RE-GROOVED.

RAISED REFLECTIVE PAVEMENT MARKER NOTES

LOCATIONS 1-4:

1. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REPLACED THROUGHOUT THE ENTIRE CONCRETE PAVEMENT PROJECT LIMITS WHERE APPLICABLE PER DISTRICT DETAIL TC-11. THE ENGINEER SHALL DETERMINE IF ONLY THE REFLECTOR ELEMENT OR THE REFLECTOR ELEMENT WITH BASE CASTING SHALL BE REPLACED. THIS WORK SHALL BE PAID FOR AS REPLACEMENT REFLECTOR OR RAISED REFLECTIVE PAVEMENT MARKER REMOVAL AND RAISED REFLECTIVE PAVEMENT MARKER BASED ON THE TYPE OF REPLACEMENT REQUIRED.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VARIOUS LOCATIONS
INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES

SCALE: | SHEET OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	2
		CONTRACT NO. 80F50		
	ILLINOIS FED. AID PROJECT			

REV-SEP

SUMMARY OF QUANTITIES

					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	ROADWAY	ROADWAY	ROADWAY		
					100% STATE LOCATION 1	100% STATE LOCATION 2	100% STATE LOCATION 3	100% STATE LOCATION 4		
	Code No.	Item	Unit	Total Quantity	0006	0005	0005	0006		
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	380	178	45	45	112		
	25200110	SODDING, SALT TOLERANT	SQ YD	380	178	45	45	112		
	42000060	WELDED WIRE REINFORCEMENT	SQ YD	2567	2079	112	112	264		
	42101300	PROTECTIVE COAT	SQ YD	5125	3496	371	387	871		
	44003100	MEDIAN REMOVAL	SQ FT	4068	2872	274	288	634		
	44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	1464	864	136	136	328		
	44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	880	768	48	64			
	44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	680	680					
	44201299	DOWEL BARS 1 1/2"	EACH	7770	5150	620	660	1340		
	44213200	SAW CUTS	FOOT	20122	13558	1572	1668	3324		
	44213204	TIE BARS 3/4"	EACH	734	594			140		
	45200100	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)	FOOT	332079	227107	10395	23322	71255		
	45200300	JOINT OR CRACK FILLING	POUND	94876	64885	2970	6663	20358		
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	5	2	1	1	1		
	60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	4	1	1	1	1		
	60255500	MANHOLES TO BE ADJUSTED	EACH	5	2	1	1	1		
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	4	1	1	1	1		
	60260100	INLETS TO BE ADJUSTED	EACH	5	2	1	1	1		
	60262700	INLETS TO BE RECONSTRUCTED	EACH	4	1	1	1	1		
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	12	3	3	3	3		
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	4068	2872	274	288	634		

SUMMARY OF QUANTITIES

					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	ROADWAY	ROADWAY	ROADWAY		
					100% STATE LOCATION 1	100% STATE LOCATION 2	100% STATE LOCATION 3	100% STATE LOCATION 4		
	Code No.	Item	Unit	Total Quantity	0006	0005	0005	0006		
	67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25		
	70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1		0.5	0.5			
	70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1		0.5	0.5			
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1			1			
	70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1			1			
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1		0.5	0.5			
	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1		0.5	0.5			
	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	0.25	0.25	0.25	0.25		
	70102635	TRAFFIC CONTROLAND PROTECTION, STANDARD 701701	L SUM	1	0.25	0.25	0.25	0.25		
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		0.5	0.5			
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	5	5	5	5		
*	78004635	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 7"	FOOT	20334	14431	615	715	4573		
*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	4622.8	3021.2	145.6	509.6	946.4		
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	28004	2800	1510	8644	15050		
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	21170	13581	767	1893	4929		
*	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	376	149			227		
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	356		256	100			
*	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	1402	914	95	99	294		
*	78011040	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	20334	14431	615	715	4573		
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	100	60	10	10	20		
*	78100300	REPLACEMENT REFLECTOR	EACH	135	65	20	20	30		

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: | SHEET OF 2 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	3
		CONTRACT NO. 80F50		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	ROADWAY	ROADWAY	ROADWAY		
					100% STATE	100% STATE	100% STATE	100% STATE		
	Code No.	Item	Unit	Total Quantity	LOCATION 1	LOCATION 2	LOCATION 3	LOCATION 4		
					0006	0005	0005	0006		
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	85	45	10	10	20		
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2767		480		2287		
	89502376	REBUILD EXISTING HANDHOLE	EACH	5	2	1	1	1		
	X4202005	DIAMOND GRINDING AND GROOVING (ROADWAY SECTION)	SQ YD	8566	5883	635	672	1376		
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	800	400	100	100	200		
	X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	900	400	100	100	300		
	X4406030	PARTIAL DEPTH REMOVAL, TYPE I, 3"	SQ YD	126	100	5	6	15		
	X4406230	PARTIAL DEPTH REMOVAL, TYPE II, 3"	SQ YD	100	60	10	10	20		
	X4420682	CLASS B PATCHES, TYPE II, 10 INCH (SPECIAL)	SQ YD	536	296	56	72	112		
	X4420683	CLASS B PATCHES, TYPE III, 10 INCH (SPECIAL)	SQ YD	464	288	64	48	64		
	X4420684	CLASS B PATCHES, TYPE IV, 10 INCH (SPECIAL)	SQ YD	533	333			200		
	X4421002	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	226	160	15	16	35		
	X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	3	3	3	3		
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	1268	674	134	115	345		
	X8860105	DETECTOR LOOP REPLACEMENT	FOOT	1000	600	100	100	200		
	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	10	6	1	1	2		

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SUMMARY OF QUANTITIES

SCALE: | SHEET OF 2 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	4
		CONTRACT NO. 80F50		
	ILLINOIS FED. AID PROJECT			

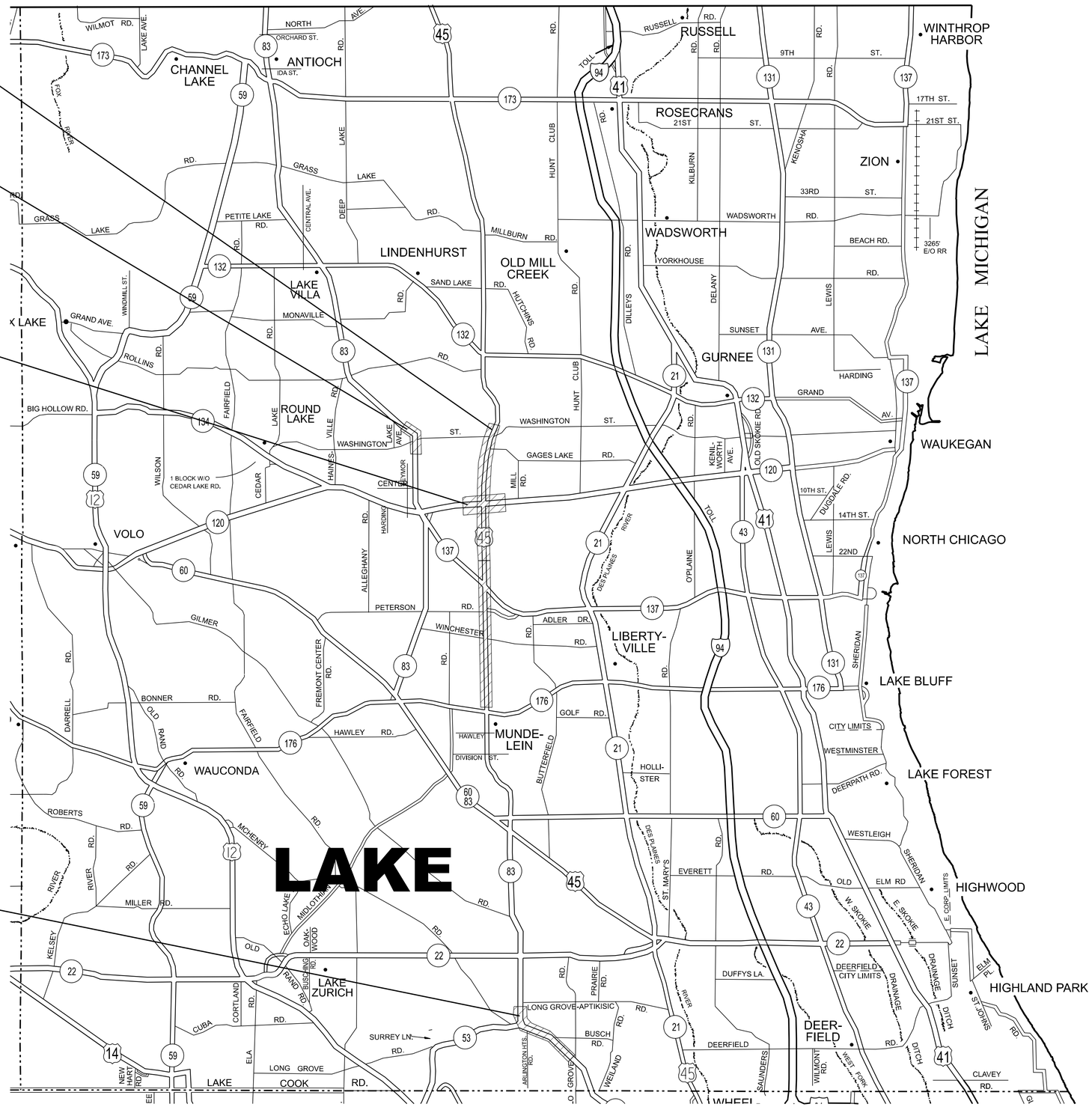
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LOCATION 1
US-45 FROM WASHINGTON ST. TO IL-176
ADT (2025) = 27500
SPEED LIMIT = 30-45 MPH

LOCATION 2
IL-83 AT WASHINGTON ST.
ADT (2025) = 21000
SPEED LIMIT = 40 MPH

LOCATION 3
IL-120 AT US-45
ADT (2025) = 23100
SPEED LIMIT = 35 MPH

LOCATION 4
IL-83 FROM IL-53 TO
BUFFALO GROVE ROAD
ADT (2025) = 28800
SPEED LIMIT = 45 MPH



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PLOT DATE = 9/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LAKE COUNTY

PCC PATCHING LOCATION MAP

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	5
		CONTRACT NO. 80F50		
	ILLINOIS	FED. AID PROJECT		

LOCATION NO.	LOCATION DETAILS	TOTAL CLASS B PATCHING SQYD	CLASS B PATCHES, 10" TYPE II (S.Y.) SQYD	CLASS B PATCHES, 10" TYPE III (S.Y.) SQYD	CLASS B PATCHES, 10" TYPE IV (S.Y.) SQYD	PARTIAL DEPTH REMOVAL, TYPE I, 3" SQYD	PARTIAL DEPTH REMOVAL, TYPE II, 3" SQYD	PARTIAL DEPTH PATCHING (SPECIAL) SQYD
1	US-45 FROM WASHINGTON ST. TO IL-176	**2312**	864	768	680	100	60	160
2	IL-83 AT WASHINGTON ST.	**184**	136	48	0	5	10	15
3	IL-120 FROM HARRIS RD. TO SEARS BLVD.	**200**	136	64	0	6	10	16
4	IL-83 FROM ROBERT PARKER COFFIN RD. TO BUFFALO GROVE RD.	**328**	328	0	0	15	20	35

LOCATION NO.	PATCHING LOCATIONS AT/NEAR SIGNALIZED INTERSECTIONS	TOTAL CLASS B PATCHING, (SPECIAL) SQ YD	CLASS B PATCHES, TYPE II, 10 INCH (SPECIAL) SQ YD	CLASS B PATCHES, TYPE III, 10 INCH (SPECIAL) SQ YD	CLASS B PATCHES, TYPE IV, 10 INCH (SPECIAL) SQ YD
1	US-45 FROM WASHINGTON ST. TO IL-176	**917**	296	288	333
2	IL-83 AT WASHINGTON ST.	**120**	56	64	0
3	IL-120 FROM HARRIS RD. TO SEARS BLVD.	**120**	72	48	0
4	IL-83 FROM ROBERT PARKER COFFIN RD. TO BUFFALO GROVE RD.	**376**	112	64	200

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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 9/3/2026	DATE -	REVISED -	

SUMMARY OF PATCHING SCHEDULE
VARIOUS LOCATIONS IN MCHENRY COUNTY

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	6
		CONTRACT NO. 80F50		
	ILLINOIS	FED. AID PROJECT		

LOCATION 1:	ROUTE: US 45 FROM WASHINGTON ST. TO IL-176

CROSS STREET		DIRECTION	INSIDE	OUTSIDE	PAVEMENT	PAVEMENT	CLASS B	PATCH
FROM	TO	(EB/WB) (NB/SB)	LANE (X)	LANE (X)	PATCH WIDTH	PATCH LENGTH	PATCH (SQ YD)	AREA TYPE
NORTH OF WASHINGTON ST.	CENTER ST.	SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
CENTER ST.	NORTH OF WASHINGTON ST.	NB	X		12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	12	16	III
CENTER ST.	IL 120	SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	12	16	III
		SB		X	12	20	27	IV
IL 120	IL 137	SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	12	16	III
		SB		X	12	12	16	III
		SB		X	12	12	16	III
		SB		X	12	12	16	III
		SB		X	12	12	16	III
		SB		X	12	20	27	IV
IL 137	IL 120	NB	X		12	25	33	IV
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	12	16	III
		NB	X		12	12	16	III
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	12	16	III

LOCATION 1:	ROUTE: US 45 FROM WASHINGTON ST. TO IL-176

CROSS STREET		DIRECTION	INSIDE	OUTSIDE	PAVEMENT	PAVEMENT	CLASS B	PATCH
FROM	TO	(EB/WB) (NB/SB)	LANE (X)	LANE (X)	PATCH WIDTH	PATCH LENGTH	PATCH (SQ YD)	AREA TYPE
IL 137	IL 120	NB		X	12	12	16	III
		NB		X	12	12	16	III
		NB		X	12	12	16	III
		NB		X	12	12	16	III
		NB		X	12	12	16	III
		NB		X	12	12	16	III
		NB		X	12	12	16	III
		NB		X	12	12	16	III
		NB		X	12	20	27	IV
IL 120	CENTER ST.	NB		X	12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB			12	12	16	III
		NB			12	12	16	III
		NB			12	12	16	III
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II

MODEL: US-45 intersection 1 [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHING LOCATIONS
LOCATION 1

SCALE: | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	7
		CONTRACT NO. 80F50		
	ILLINOIS FED. AID PROJECT			

LOCATION 1:	ROUTE: US 45 FROM WASHINGTON ST. TO IL-176

CROSS STREET		DIRECTION	INSIDE	OUTSIDE	PAVEMENT	PAVEMENT	CLASS B	PATCH
FROM	TO	(EB/WB) (NB/SB)	LANE (X)	LANE (X)	PATCH WIDTH	PATCH LENGTH	PATCH (SQ YD)	AREA TYPE
NORTH OF PETERSON RD.	IL-176	SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB		X	12	6	8	II
		SB	X		12	12	16	III
		SB	X		12	12	16	III
		SB	X		12	12	16	III
		SB	X		12	12	16	III
		SB	X		12	12	16	III
		SB	X		12	12	16	III
		SB		X	12	12	16	III
		SB		X	12	12	16	III
		SB		X	12	12	16	III
		SB		X	12	12	16	III
		SB		X	12	12	16	III
		SB		X	12	12	16	III
		SB		X	12	12	16	III
		SB		X	12	12	16	III
		SB	X		12	25	33	IV
		SB	X		12	25	33	IV
		SB	X		12	25	33	IV
		SB	X		12	25	33	IV

LOCATION 1:	ROUTE: US 45 FROM WASHINGTON ST. TO IL-176

CROSS STREET		DIRECTION	INSIDE	OUTSIDE	PAVEMENT	PAVEMENT	CLASS B	PATCH
FROM	TO	(EB/WB) (NB/SB)	LANE (X)	LANE (X)	PATCH WIDTH	PATCH LENGTH	PATCH (SQ YD)	AREA TYPE
NORTH OF PETERSON RD.	IL-176	SB	X		12	25	33	IV
		SB	X		12	25	33	IV
		SB		X	12	25	33	IV
		SB		X	12	25	33	IV
		SB		X	12	25	33	IV
		SB		X	12	25	33	IV
		SB		X	12	25	33	IV
		SB		X	12	12	16	III
		SB		X	12	12	16	III
IL-176	NORTH OF PETERSON RD	NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
IL-120	CENTER ST.	NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II

MODEL: US-45 Intersection 2 [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHING LOCATIONS
LOCATION 1

SCALE: | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	8
		CONTRACT NO. 80F50		
	ILLINOIS	FED. AID PROJECT		

LOCATION 1:	ROUTE: US 45 FROM WASHINGTON ST. TO IL-176

CROSS STREET		DIRECTION	INSIDE	OUTSIDE	PAVEMENT	PAVEMENT	CLASS B	PATCH
FROM	TO	(EB/WB) (NB/SB)	LANE (X)	LANE (X)	PATCH WIDTH	PATCH LENGTH	PATCH (SQ YD)	AREA TYPE
IL-120	CENTER ST.	NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB		X	12	6	8	II
		NB	X		12	12	16	III
		NB	X		12	12	16	III
		NB	X		12	12	16	III
		NB	X		12	12	16	III
		NB	X		12	12	16	III
		NB	X		12	12	16	III
		NB	X		12	12	16	III
		NB		X	12	12	16	III
		NB		X	12	12	16	III
		NB		X	12	12	16	III
		NB		X	12	12	16	III
		NB		X	12	12	16	III
		NB	X		12	25	33	IV
		NB		X	12	25	33	IV
		NB		X	12	25	33	IV
		NB		X	12	25	33	IV
		NB		X	12	25	33	IV
		NB		X	12	25	33	IV
		NB		X	12	25	33	IV

LOCATION 2:	ROUTE: IL 83 AT WASHINGTON ST.

CROSS STREET		DIRECTION	INSIDE	MIDDLE	OUTSIDE	PAVEMENT	PAVEMENT	CLASS B	PATCH
FROM	TO	(EB/WB) (NB/SB)	LANE (X)	LANE (X)	LANE (X)	PATCH WIDTH	PATCH LENGTH	PATCH (SQ YD)	AREA TYPE
IL 83	AT WASHINGTON ST.	SB		X		12	6	8	II
		SB		X		12	6	8	II
		NB		X		12	6	8	II
		NB		X		12	12	16	III
		SB	X			12	6	8	II
		SB	X			12	6	8	II
		SB	X			12	6	8	II
		SB	X			12	6	8	II
		NB	X			12	6	8	II
		NB	X			12	6	8	II
		NB	X			12	6	8	II
		NB	X			12	12	16	III
		SB			X	12	6	8	II
		SB			X	12	6	8	II
		SB			X	12	6	8	II
		SB			X	12	6	8	II
		NB			X	12	6	8	II
		NB			X	12	6	8	II
		NB			X	12	6	8	II
		NB			X	12	12	16	III

MODEL: IL-83 Intersection [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHING LOCATIONS
LOCATION 1 & 2

SCALE: | SHEET 3 OF 7 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	9
		CONTRACT NO. 80F50		
	ILLINOIS FED. AID PROJECT			

LOCATION 3:	ROUTE: IL 120 EAST AND WEST OF US 45

CROSS STREET		DIRECTION	INSIDE	OUTSIDE	PAVEMENT	PAVEMENT	CLASS B	PATCH
FROM	TO	(EB/WB) (NB/SB)	LANE (X)	LANE (X)	PATCH WIDTH	PATCH LENGTH	PATCH (SQ YD)	AREA TYPE
HARRIS ROAD	N. SEARS BLVD	EB	X		12	6	8	II
		EB	X		12	6	8	II
		EB	X		12	6	8	II
		EB	X		12	6	8	II
		EB	X		12	6	8	II
		EB		X	12	6	8	II
		EB		X	12	6	8	II
		EB		X	12	6	8	II
		EB		X	12	6	8	II
		EB		X	12	6	8	II
		EB		X	12	6	8	II
		EB	X		12	12	16	III
		EB	X		12	12	16	III
		EB		X	12	12	16	III
		EB		X	12	12	16	III
N. SEARS BLVD	HARRIS ROAD	WB	X		12	6	8	II
		WB	X		12	6	8	II
		WB		X	12	6	8	II
		WB		X	12	6	8	II
		WB		X	12	6	8	II
		WB		X	12	6	8	II
		WB		X	12	6	8	II

LOCATION 4:	ROUTE: IL 83 AT IL 53

CROSS STREET		DIRECTION	INSIDE	OUTSIDE	PAVEMENT	PAVEMENT	CLASS B	PATCH
FROM	TO	(EB/WB) (NB/SB)	LANE (X)	LANE (X)	PATCH WIDTH	PATCH LENGTH	PATCH (SQ YD)	AREA TYPE
ARLINGTON HTS. RD.	ROBERT PARKER COFFIN RD.	NB		X	12	6	8	II
		NB	X		12	6	8	II
		NB		X	12	6	8	II
ROBERT PARKER COFFIN RD.	ARLINGTON HTS. RD.	SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB		X	12	6	8	II
ARLINGTON HTS. RD.	BUFFALO GRAOVE RD.	SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
		SB	X		12	6	8	II
BUFFALO GRAOVE RD.	ARLINGTON HTS. RD.	NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II
		NB	X		12	6	8	II

MODEL: IL-83 at IL-53 Intersection [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHING LOCATIONS
LOCATION 3 & 4

SCALE: | SHEET 4 OF 7 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	10
		CONTRACT NO. 80F50		
	ILLINOIS FED. AID PROJECT			

LOCATION NO.	INTERSECTION		DIRECTION (EB/WB) (NB/SB)	MIDDLE OF INTERSECTION (X)	INSIDE LANE (X)	MIDDLE LANE (X)	OUTSIDE LANE (X)	TURN LANE (X)	WITHIN 200' OF TRAFFIC SIGNAL (X)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	CLASS B PATCHES (SPECIAL) (SQ YD)	PATCH AREA TYPE
	ROUTE	AT											
1	US-45	WASHINGTON ST.	SB	X	X			X		12	6	8	II
			NB	X		X		X		12	6	8	II
			NB			X			X	12	12	16	III
			SB			X			X	12	12	16	III
	US-45	GAGES LAKE RD.	NB				X	X		12	6	8	II
			SB		X				X	12	6	8	II
			NB	X					X	12	12	16	III
			SB		X				X	12	12	16	III
	US-45	BRAELOCH RD.	NB		X				X	12	6	8	II
			SB		X				X	12	6	8	II
			NB		X				X	12	12	16	III
			SB		X				X	12	12	16	III
	US-45	CENTER ST.	SB			X			X	12	6	8	II
			SB					X	X	12	12	16	III
			NB			X			X	12	6	8	II
			NB				X		X	12	12	16	III
			SB				X		X	12	12	16	III
			NB		X				X	12	25	33	IV
			NB		X				X	12	25	33	IV
			NB		X				X	12	25	33	IV
			NB		X				X	12	25	33	IV
	US-45	IL-120	NB						X	12	6	8	II
			SB	X					X	12	12	16	III
			NB					X	X	12	6	8	II
			NB					X	X	12	6	8	II
			SB		X				X	12	6	8	II
			SB				X		X	12	6	8	II
			NB		X				X	12	12	16	III
			SB		X				X	12	12	16	III
			NB	X					X	12	25	33	IV
			SB	X					X	12	25	33	IV
	US-45	ARBOR BLVD.	NB		X				X	12	6	8	II
			NB		X				X	12	6	8	II
			SB		X				X	12	6	8	II
			SB		X				X	12	6	8	II
			SB		X				X	12	12	16	III
			NB		X				X	12	12	16	III
			NB			X			X	12	20	27	IV
	US-45	CASEY ROAD	NB		X				X	12	6	8	II
			NB		X				X	12	6	8	II
			SB		X				X	12	6	8	II
			SB		X				X	12	6	8	II
			SB		X				X	12	12	16	III
			NB		X				X	12	12	16	III
			NB	X					X	12	25	33	IV

MODEL: PATCHING AT INTERSECTION [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHES (SPECIAL) - AT/NEAR SIGNALIZED INTERSECTIONS
LOCATION 1

SCALE: | SHEET 5 OF 7 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	11
		CONTRACT NO. 80F50		
	ILLINOIS	FED. AID PROJECT		

LOCATION NO.	INTERSECTION		DIRECTION	MIDDLE OF INTERSECTION (X)	INSIDE LANE (X)	MIDDLE LANE (X)	OUTSIDE LANE (X)	TURN LANE (X)	WITHIN 200' OF TRAFFIC SIGNAL (X)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	CLASS B PATCHES (SPECIAL) (SQ YD)	PATCH AREA TYPE
	ROUTE	AT	(EB/WB) (NB/SB)										
1	US-45	E. PETERSON ROAD	SB	X			X		X	12	6	8	II
			SB	X		X			X	12	6	8	II
			SB				X		X	12	12	16	III
			NB	X	X				X	12	6	8	II
			NB	X	X				X	12	6	8	II
			SB	X			X		X	12	25	33	IV
			SB	X		X			X	12	25	33	IV
	US-45	W. WINCHESTER RD.	SB		X				X	12	6	8	II
			SB		X				X	12	6	8	II
			SB		X				X	12	12	16	III
			NB	X			X		X	12	6	8	II
			NB	X			X		X	12	6	8	II
			SB				X		X	12	25	33	IV
	US-45	INNOVATION WAY.	NB	X		X			X	12	6	8	II
			NB	X		X			X	12	6	8	II
			SB		X				X	12	6	8	II
			SB		X				X	12	6	8	II
			SB		X				X	12	12	16	III
	US-45	DUNBAR ROAD	SB		X				X	12	6	8	II
			SB		X				X	12	6	8	II
			NB		X				X	12	6	8	II
			NB		X				X	12	6	8	II
			NB		X				X	12	6	8	II
			SB		X				X	12	12	16	III
2	IL-83	WASHINGTON ST.	SB	X			X		X	12	6	8	II
			SB	X			X		X	12	12	16	III
			NB	X			X		X	12	6	8	II
			NB	X			X		X	12	12	16	III
			SB	X	X				X	12	6	8	II
			SB	X	X				X	12	6	8	II
			SB	X	X				X	12	6	8	II
			NB	X	X				X	12	12	16	III
			NB	X	X				X	12	12	16	III
			SB	X		X			X	12	6	8	II
			NB					X	X	12	6	8	II
3	IL-120	US-45	EB	X			X		X	12	12	16	III
			EB	X			X		X	12	12	16	III
			EB	X		X			X	12	12	16	III
			EB					X	X	12	6	8	II
			EB					X	X	12	6	8	II
			EB		X				X	12	6	8	II
			WB					X	X	12	6	8	II
			WB		X				X	12	6	8	II
			WB		X				X	12	6	8	II
			WB		X				X	12	6	8	II
			WB				X		X	12	6	8	II

MODEL: PATCHING AT INTERSECTION-2 [Sheet]
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USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 9/9/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHES (SPECIAL) - AT/NEAR SIGNALIZED INTERSECTIONS
LOCATION 1, 2, & 3

SCALE: | SHEET 6 OF 7 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	12
		CONTRACT NO. 80F50		
	ILLINOIS FED. AID PROJECT			

LOCATION NO.	INTERSECTION		DIRECTION	MIDDLE OF INTERSECTION (X)	INSIDE LANE (X)	MIDDLE LANE (X)	OUTSIDE LANE (X)	TURN LANE (X)	WITHIN 200' OF TRAFFIC SIGNAL (X)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	CLASS B PATCHES (SPECIAL) (SQ YD)	PATCH AREA TYPE
	ROUTE	AT	(EB/WB) (NB/SB)										
3	IL-120	US-45	WB				X		X	12	6	8	II
4	IL-83	R. P. COFFIN RD.	NB				X		X	12	6	8	II
			NB				X		X	12	50	67	IV
			NB				X		X	12	50	67	IV
			SB	X	X				X	12	6	8	II
			SB	X			X		X	12	12	16	III
			SB	X				X	X	12	25	33	IV
	IL-83	IL-53	SB	X	X				X	12	12	16	III
			SB	X	X				X	12	12	16	III
			SB	X			X		X	12	12	16	III
			NB					X	X	12	6	8	II
			NB					X	X	12	6	8	II
	IL-83	ARLINGTON HTS RD.	SB					X	X	12	25	33	IV
			SB		X				X	12	6	8	II
			SB		X				X	12	6	8	II
			NB		X				X	12	6	8	II
			NB		X				X	12	6	8	II
	IL-83	DEERFIELD PKWY.	NB		X				X	12	6	8	II
			NB		X				X	12	6	8	II
			NB					X	X	12	6	8	II
			SB		X				X	12	6	8	II
			SB		X				X	12	6	8	II
			SB		X				X	12	6	8	II

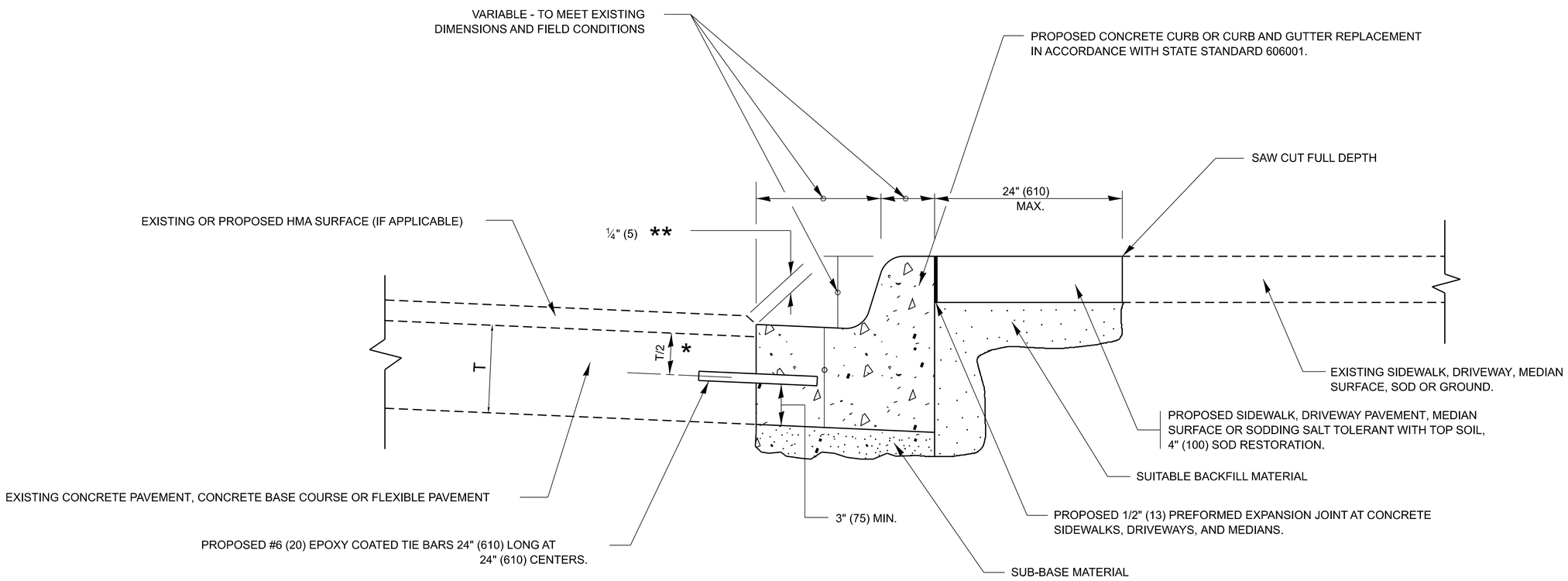
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USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 9/9/2026	DATE -	REVISED -	

CLASS B PATCHES (SPECIAL) - AT/NEAR SIGNALIZED INTERSECTIONS
LOCATION 3 & 4

SCALE: | SHEET 7 OF 7 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	13
		CONTRACT NO. 80F50		
	ILLINOIS	FED. AID PROJECT		



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

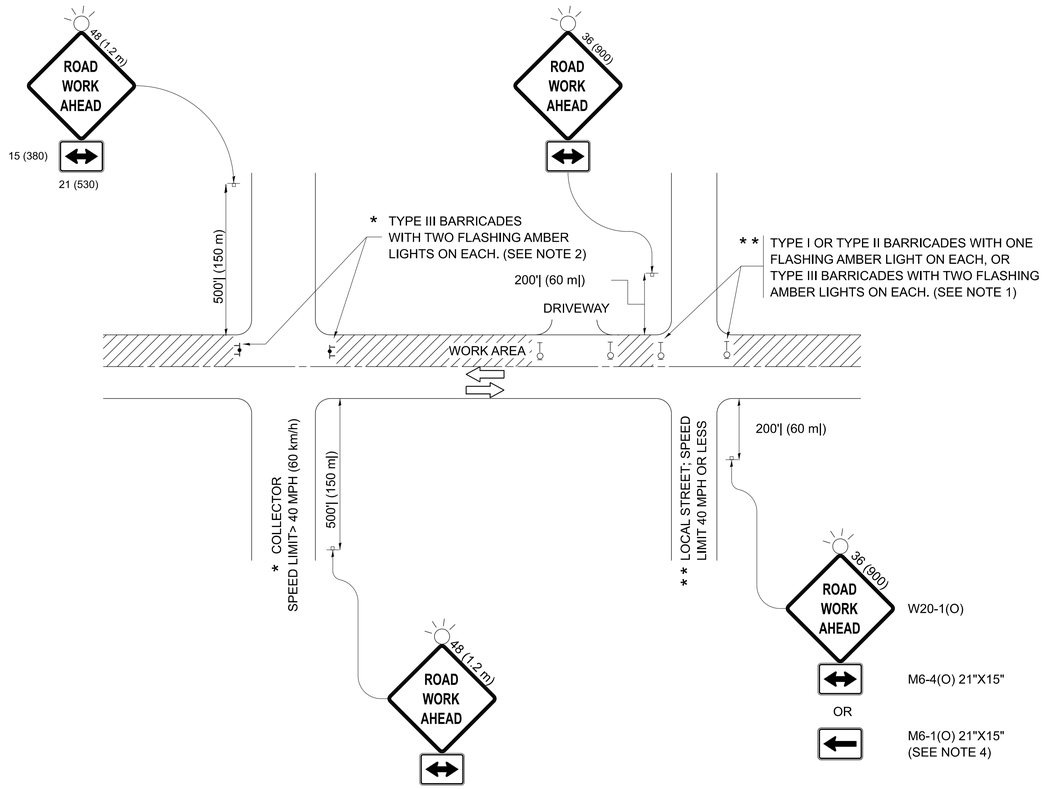
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: BD 24 [Sheet]
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USER NAME = naveed.hassan	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - M. GOMEZ 01-22-01	
	CHECKED -	REVISED - R. BORO 12-15-09	
PLOT DATE = 9/3/2026	DATE - 03-11-94	REVISED - K. SMITH 07-11-19	

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT				
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.	

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	14
	BD600-06 (BD-24)	CONTRACT NO. 80F50		
	ILLINOIS FED. AID PROJECT			



NOTES:

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 WORK AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER 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 WORK 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. 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.
4. 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).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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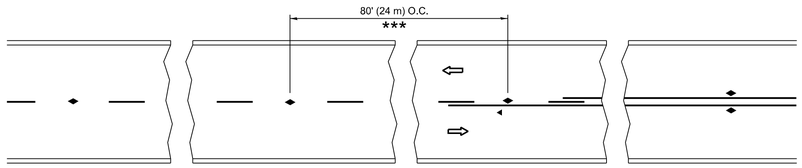
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	DRAWN -	REVISED - A. SCHUETZE 09-15-06	
	CHECKED -	REVISED - D. SENDERAK 05-03-25	
PLOT DATE = 9/3/2026	DATE - 06-89	REVISED - D. SENDERAK 09-15-26	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

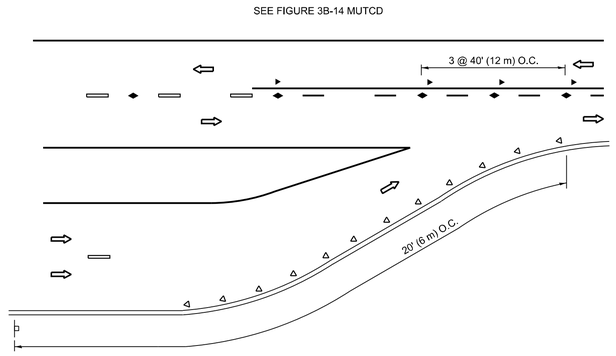
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	15
	TC-10	CONTRACT NO. 80F50		
	ILLINOIS FED. AID PROJECT			



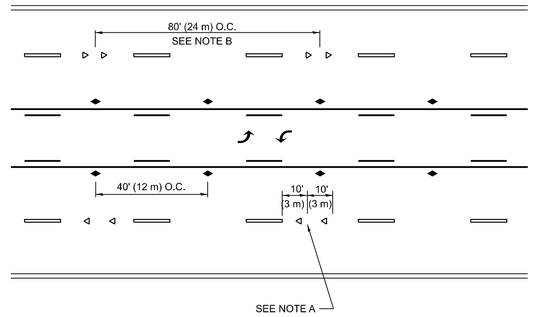
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO-LANE/TWO-WAY

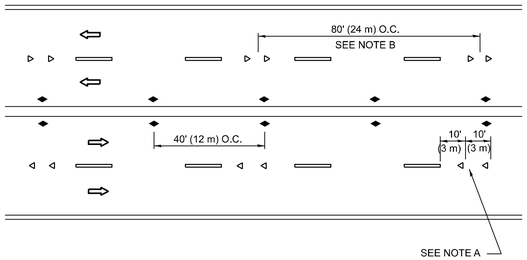
SEE FIGURE 3B-14 MUTCD



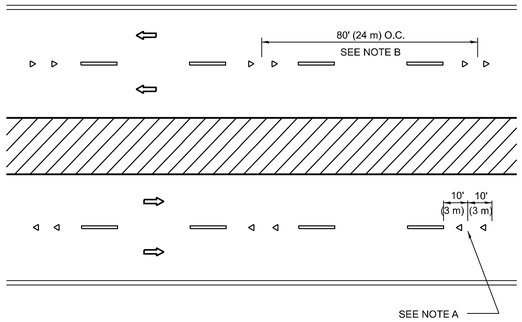
LANE REDUCTION TRANSITION



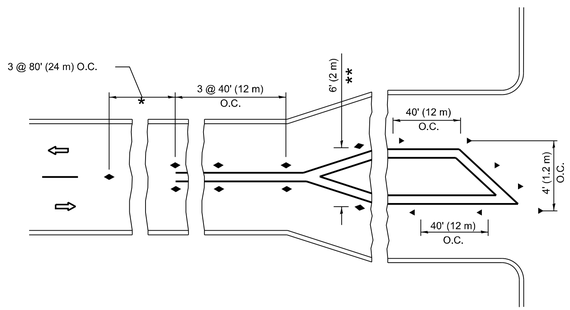
TWO-WAY LEFT TURN

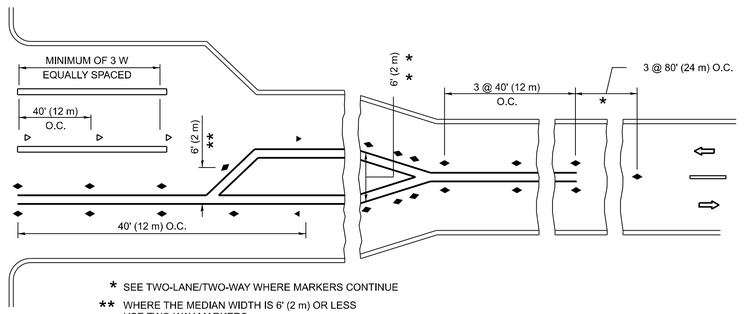


MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED





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

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

TURN LANES

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.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

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.

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

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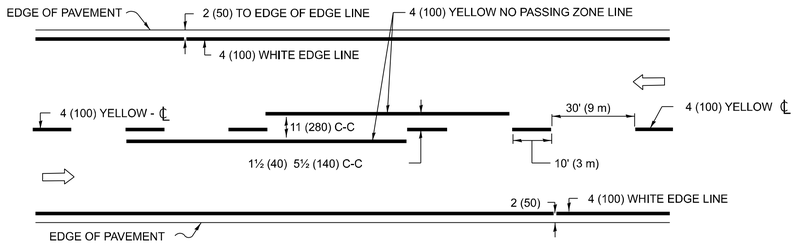
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
	CHECKED -	REVISED - C. JUCIUS 09-09-09	
PLOT DATE = 9/3/2026	DATE -	REVISED - C. JUCIUS 07-01-13	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

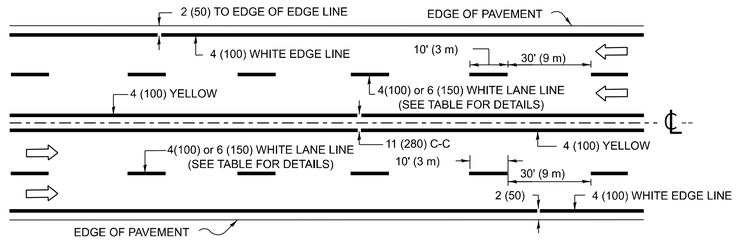
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

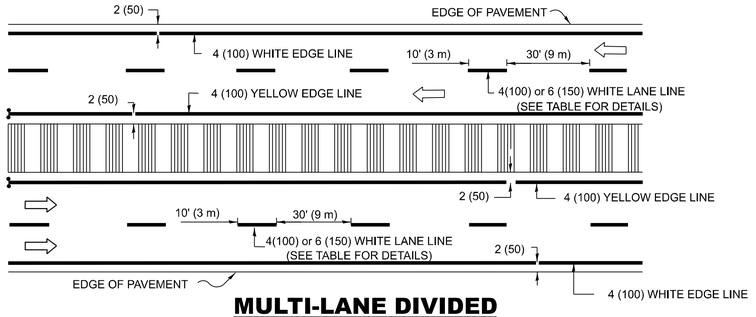
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	16
	TC-11	CONTRACT NO. 80F50		
	ILLINOIS	FED. AID PROJECT		



2-LANE ROADWAY

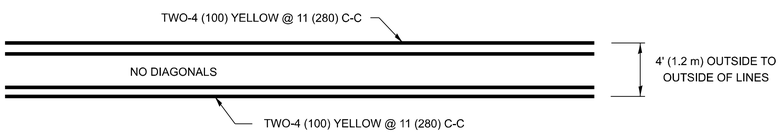


MULTI-LANE UNDIVIDED

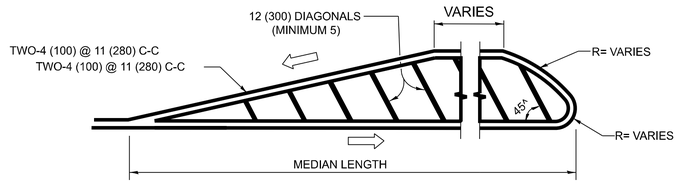


MULTI-LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



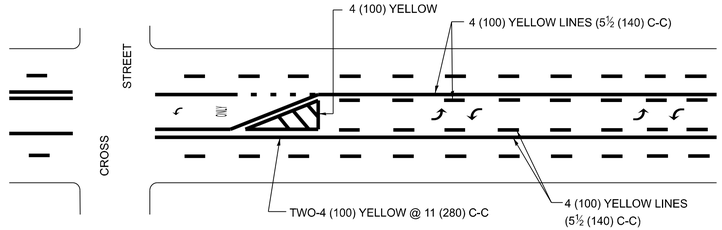
4' (1.2 m) WIDE MEDIANS ONLY



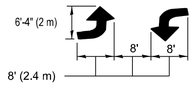
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

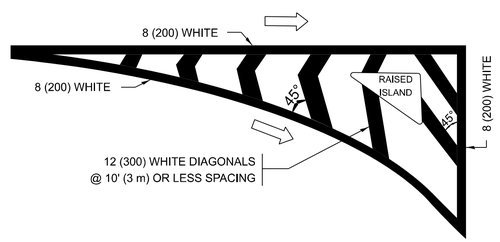


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR.
ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

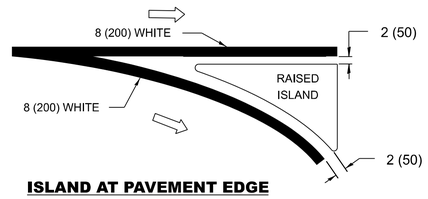


MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

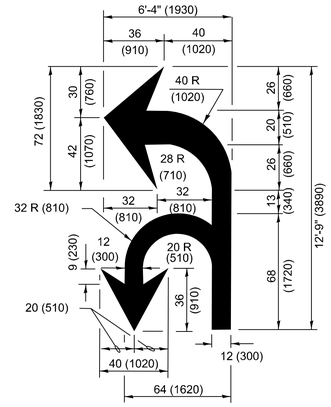


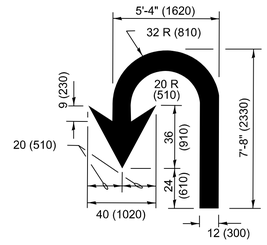
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

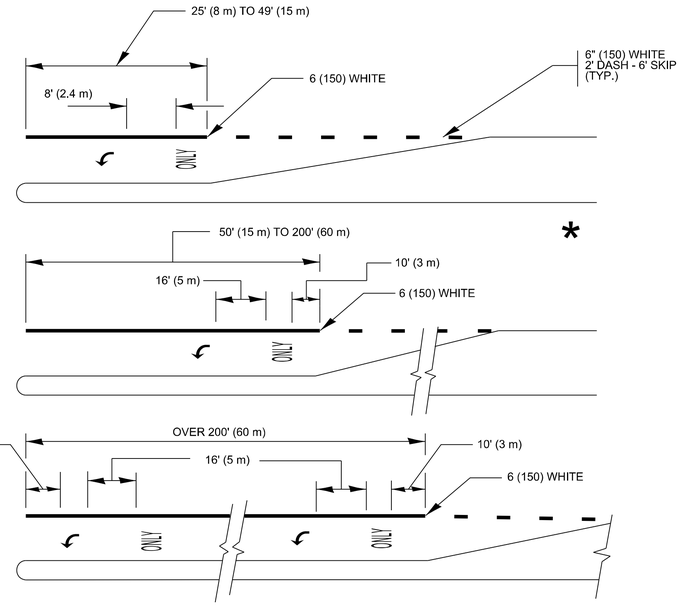
TYPICAL ISLAND MARKING





U-TURN

COMBINATION LEFT AND U-TURN



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 MARKING

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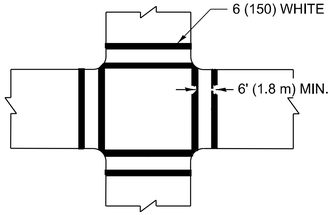
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PLOT DATE = 9/3/2026	DATE - 03-19-90	REVISED - K. KANNAN-HOSADURGA 06-29-26	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

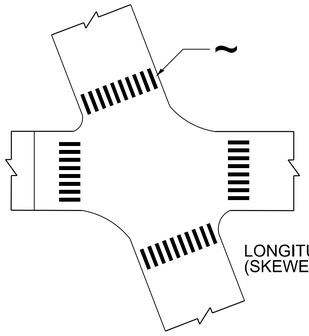
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

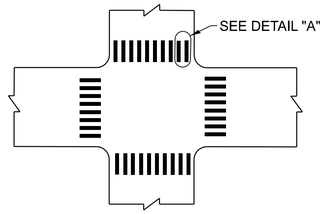
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	17
	TC-13A	CONTRACT NO. 80F50		
	ILLINOIS FED. AID PROJECT			



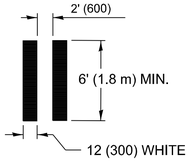
TRANSVERSE CROSSWALK



LONGITUDINAL CROSSWALK
(SKEWED INTERSECTION)



LONGITUDINAL CROSSWALK

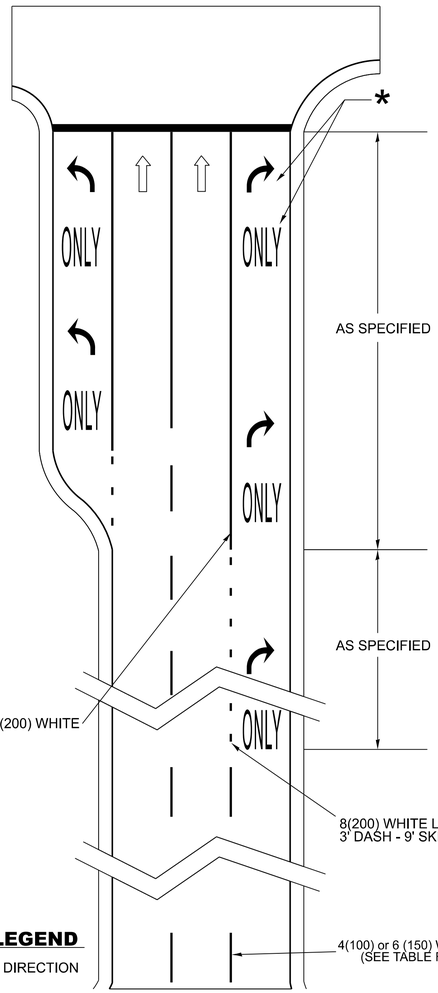


DETAIL "A"

TYPICAL CROSSWALK MARKING

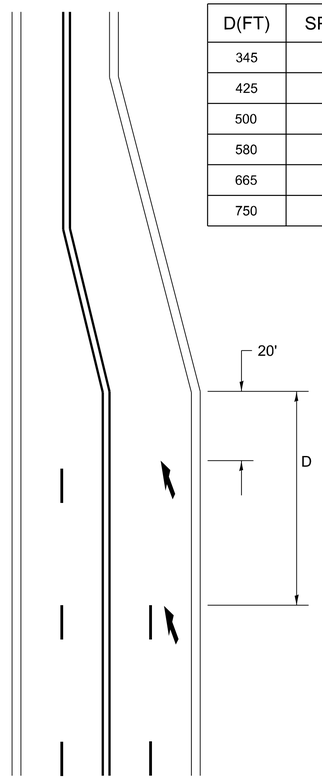
~ THE INDIVIDUAL LONGITUDINAL ELEMENTS OF A LONGITUDINAL BAR CROSSWALK SHOULD BE ANGLED SUCH THAT THEY ARE PARALLEL TO THE TRAVEL PATH OF APPROACHING TRAFFIC

MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



ARTERIAL ROAD LANE-DROP MARKINGS

* FOLLOW TYPICAL TURN LANE MARKINGS FOR PLACEMENT AND SIZE DETAILS OF 'ARROW' AND 'ONLY' MARKINGS IN THE TURN LANE.



D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

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 FOR SPEED LIMIT <= 45 MPH LANE LINES FOR SPEED LIMIT > 45 MPH	4 (100) 6 (150)	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (TYPICAL FOR EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS, EXCEPT AT LANE-DROP MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (0.60m) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
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
TRANSVERSE CROSSWALK LONGITUDINAL BARS CROSSWALK	2 @ 6 (150) 12 (300) @ 90°	SOLID SOLID	WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART AND PARALLEL TO TRAFFIC FLOW SEE TYPICAL CROSSWALK MARKING DETAIL 'A'.
STOP LINES	24 (600)	SOLID	WHITE	PLACE MINIMUM 4' (1.2 m) IN ADVANCE OF CROSSWALK IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. NO MORE THAN 30' (9.1 m) OR LESS THAN 4' (1.2 m) FROM NEAREST EDGE OF INTERSECTING TRAVELED WAY.
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, TC 23 AREA OF: "R"=3.6 SQ. FT. (0.33 m^2) EACH "X"=54.0 SQ. FT. (5.0 m^2)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	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))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF
ARTERIAL LANE-DROP MARKINGS DOTTED LINES FOR LANE-DROP TURN LANE MARKINGS	8 (200) 8 (200)	SKIP - DASH SOLID	WHITE WHITE	3' (0.91 m) LINE WITH 9' (2.74 m) SPACE

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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	DRAWN -	REVISED - C. JUCIUS 12-21-15	
	CHECKED -	REVISED - C. JUCIUS 04-12-16	
PLOT DATE = 9/3/2026	DATE - 03-19-90	REVISED - K. KANNAN-HOSADURGA 06-29-26	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	18
	TC-13B	CONTRACT NO. 80F50		
	ILLINOIS | FED. AID PROJECT			

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

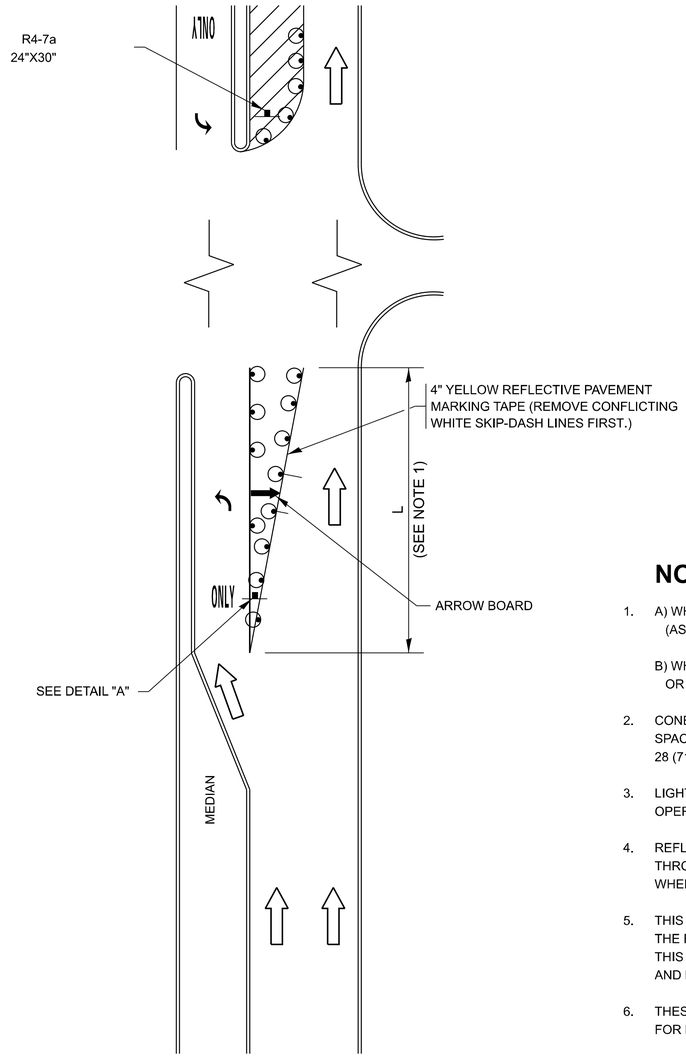


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. 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.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. 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-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

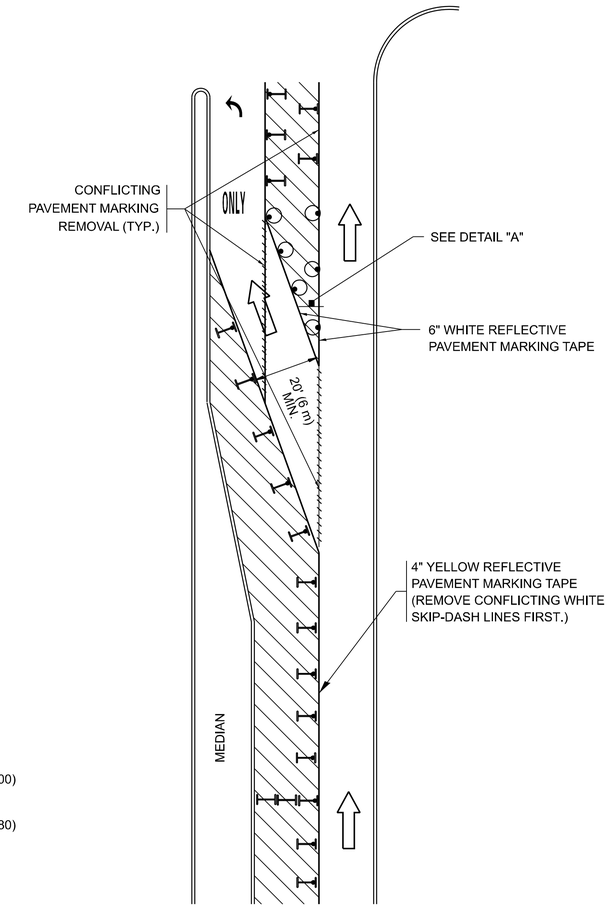
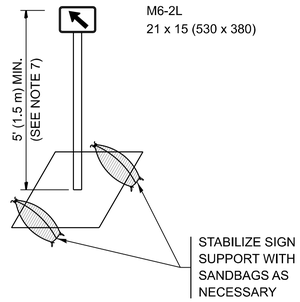


FIGURE 2



DETAIL A

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

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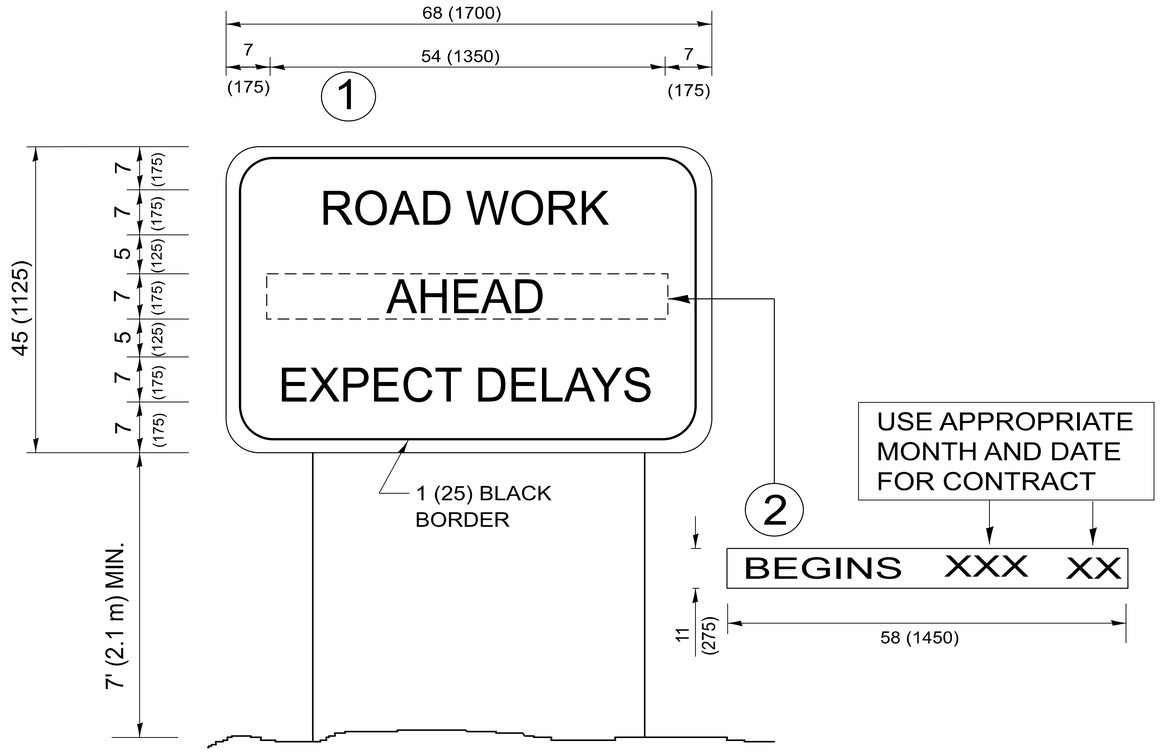
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	
	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 9/3/2026	DATE - T. RAMMACHER 01-06-00	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	19
	TC-14	CONTRACT NO. 80F50		
	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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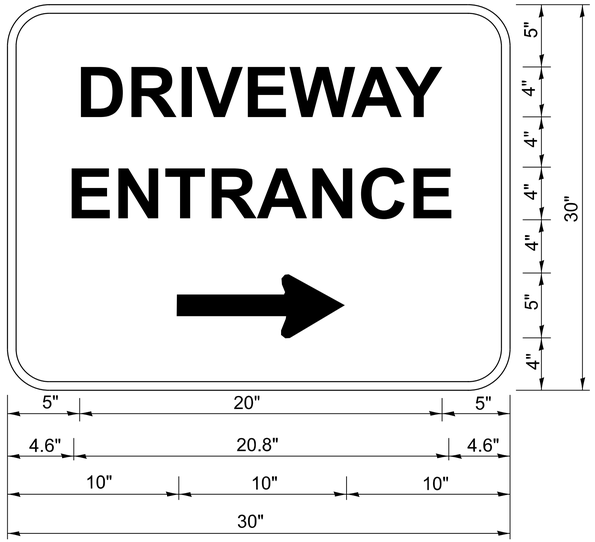
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	CHECKED -	REVISED -	T. RAMMACHER 02-02-99
PLOT DATE = 9/3/2026	DATE -	REVISED -	C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	20
	TC-22	CONTRACT NO. 80F50		
	ILLINOIS FED. AID PROJECT			



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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	DRAWN -	REVISED -	
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PLOT DATE = 9/3/2026	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

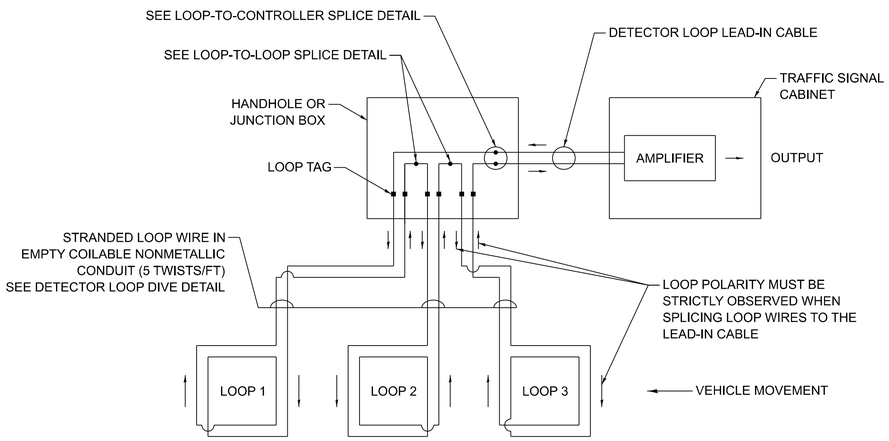
DRIVEWAY ENTRANCE SIGNING

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

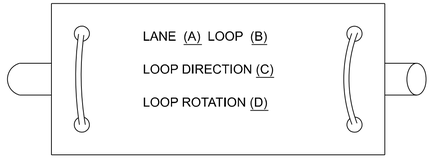
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VAR.	2026-2287-RS	LAKE	22	21
	TC-26	CONTRACT NO. 80F50		
	ILLINOIS FED. AID PROJECT			

DETECTOR LOOP NOTES:

1. LOOPS SHALL BE SPLICED IN SERIES.
2. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" AT A DEPTH OF 3". IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
3. LOOP CORNERS SHALL BE DRILLED WITH A 2" DIAMETER CORE.
4. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NON-METALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6". EMPTY COILABLE NON-METALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP PAY ITEM.
5. 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.
6. EACH LEAD-IN CABLE SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP NUMBER, LOOP DIRECTION (IN OR OUT), AND LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE) IN WATER PROOF INK. SEE DETECTOR LOOP LEAD-IN CABLE TAG DETAIL. THE CONTRACTOR SHALL MARK THE LOOP LOCATIONS ON THE RECORD DRAWINGS AND PRESENT THEM TO THE ENGINEER AFTER THE FINAL INSPECTION.
7. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
8. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND THE DIVE HOLES 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" APART.
9. 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.
10. PREFORMED DETECTOR LOOPS SHALL BE USED 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.



DETECTOR LOOP WIRING SCHEMATIC



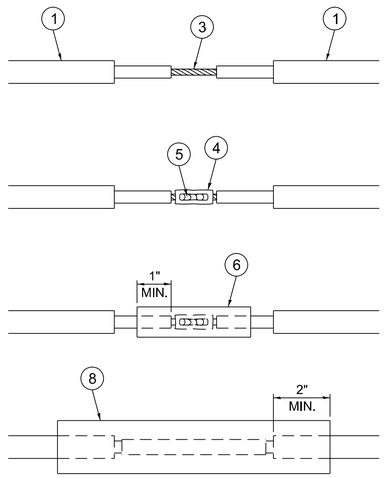
A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY.

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

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

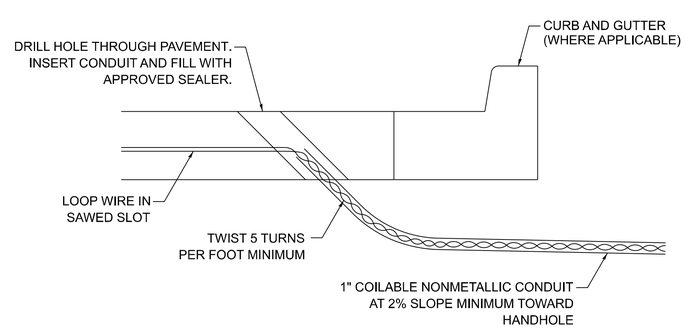
D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

DETECTOR LOOP LEAD-IN CABLE TAG

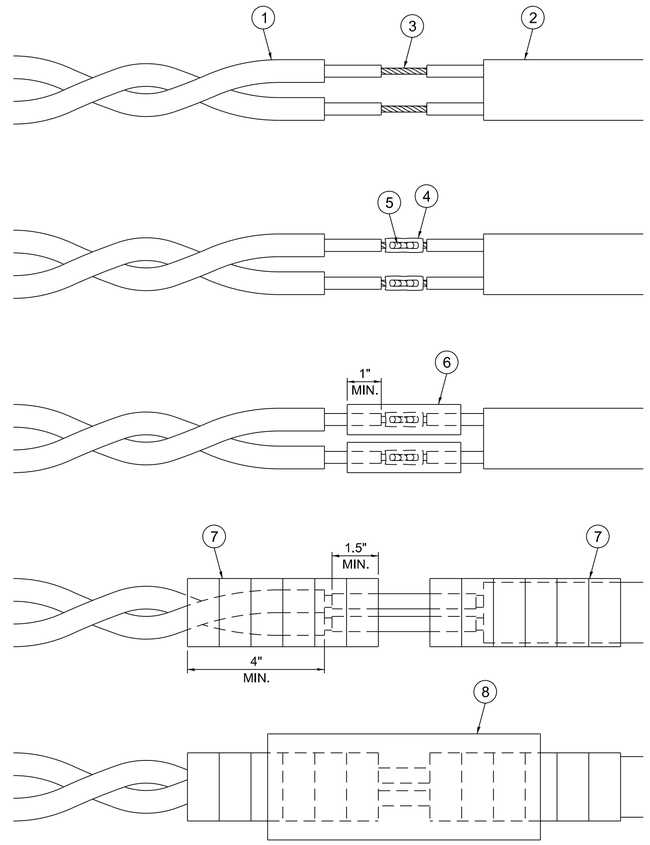


LOOP-TO-LOOP SPLICE DETAIL

1. DETECTOR LOOP CABLE.
2. DETECTOR LOOP LEAD-IN CABLE
3. BARE CONDUCTORS TWISTED TOGETHER.
4. BUTT SPLICE CRIMP CONNECTOR.
5. SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE SPLICES SHALL BE STAGGERED.
6. WCSMW 30/100 HEAT SHRINK TUBE, 3" MINIMUM LENGTH, UNDERWATER GRADE.
7. SELF-INFUSED, SILICONE ELECTRICAL TAPE TIGHTLY WRAPPED AROUND CABLES.
8. WCS 200/750 HEAT SHRINK TUBE, 8" MINIMUM LENGTH, UNDERWATER GRADE.



DETECTOR LOOP DIVE DETAIL



LOOP-TO-CONTROLLER SPLICE DETAIL

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	DRAWN - IP	REVISED -	
	CHECKED - NB/KK	REVISED -	
PLOT DATE = 9/3/2026	DATE - 10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2026-2287-RS	LAKE	22	22
	TS-01	CONTRACT NO. 80F50		
		ILLINOIS	FED. AID PROJECT	