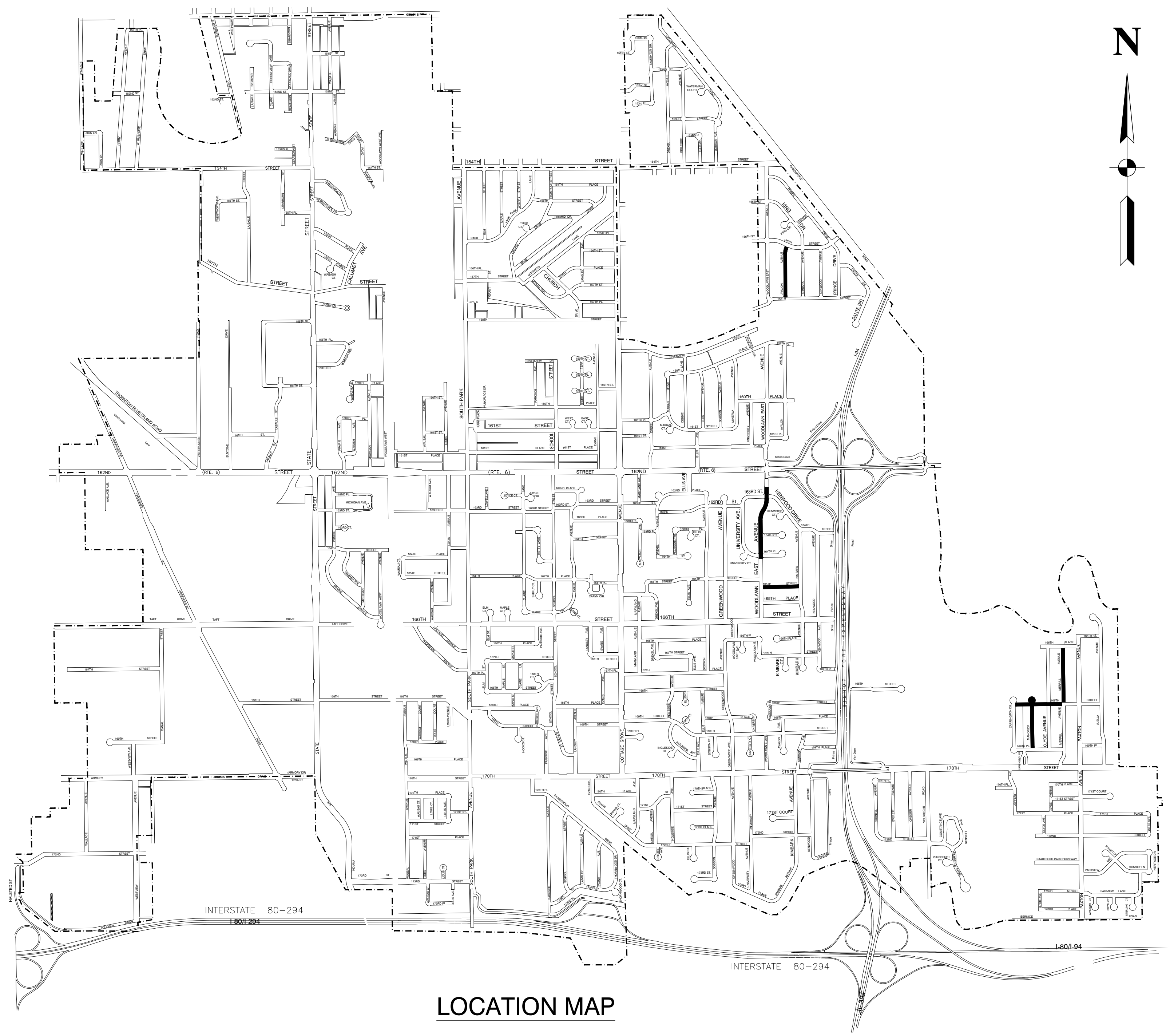
VILLAGE OF SOUTH HOLLAND, ILLINOIS

2024 MFT/REBUILD IL STREET RESURFACING PROGRAM
SECTION NO. 23-00121-00-RS



N

LOCATION MAP

- INDICATES PROPOSED IMPROVEMENT

GROSS LENGTH=5,222 FEET = 0.99 MILES
NET LENGTH=5,222 FEET = 0.99 MILES

INDEX OF SHEETS

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

John D. Hilsen

01-16-24

JOHN D. HILSEN
062-058722
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS

LICENSE EXPIRES: 11/30/25

PREPARED BY:

Robinson ENGINEERING

ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128.

PROJECT NO. 24-R0001_30

Call Before You Dig

JULIE ILLINOIS ONE-CALL SYSTEM

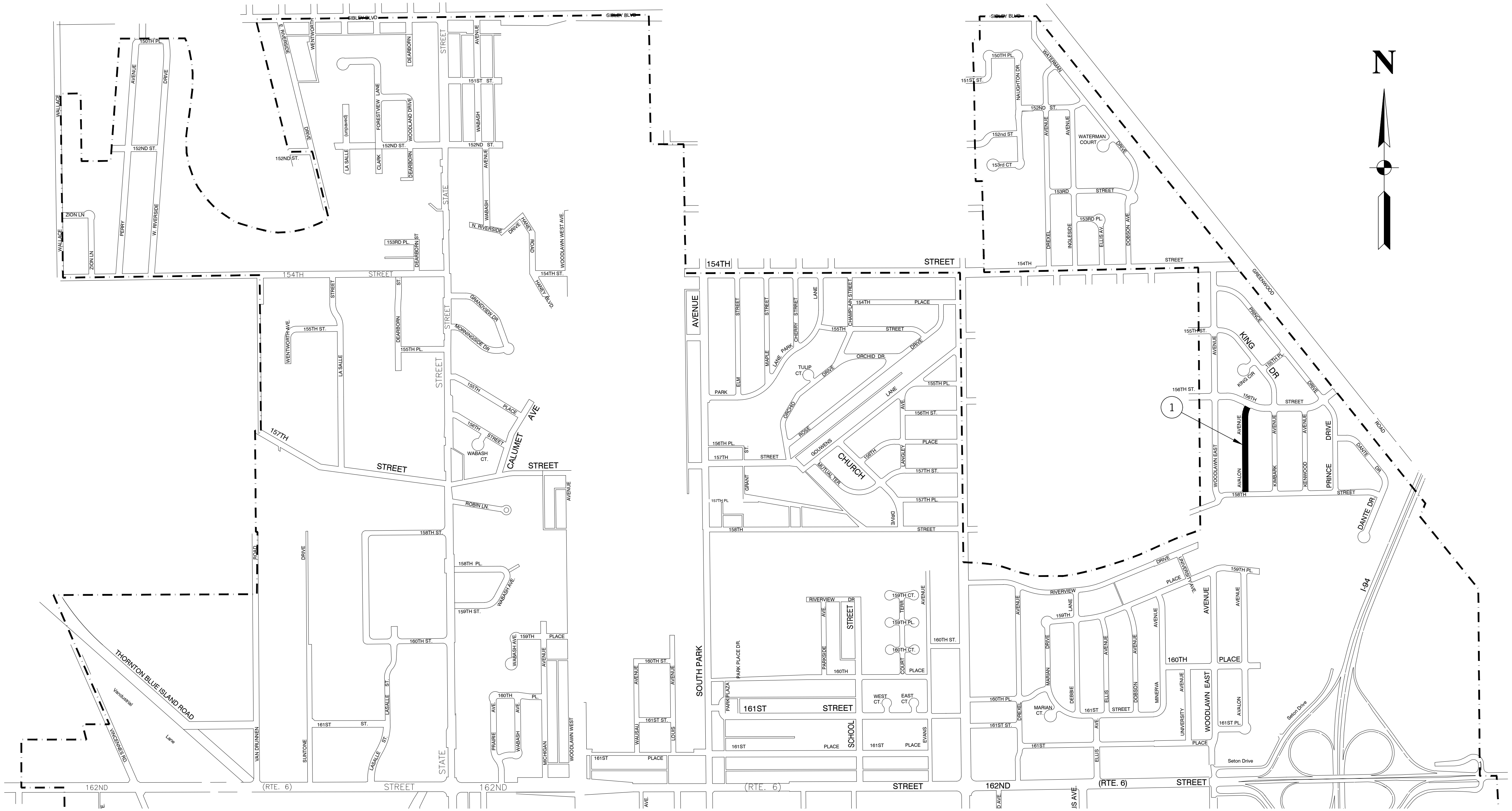
JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS

48 hours before you dig (EXCLUDING SAT., SUN. & HOL.)

811

Call: 811 OR 1-800-892-0123

24R0001_30-COVR-01 - C01



LOCATIONS

- INDICATES LOCATIONS OF IMPROVEMENTS

1 **AVALON AVENUE - 156TH STREET TO 158TH STREET**

DATE	=	01-16-24	DESIGNED	—	MN	REVISED	—	
SCALE	=	N.T.S.	CHECKED	—	JH	REVISED	—	
PROJECT NO	=	24-R0001_30	DRAWN	—	ACAD	REVISED	—	
FILE NAME	=	24R0001_30-COVR-01	CHECKED	—	AG	REVISED	—	

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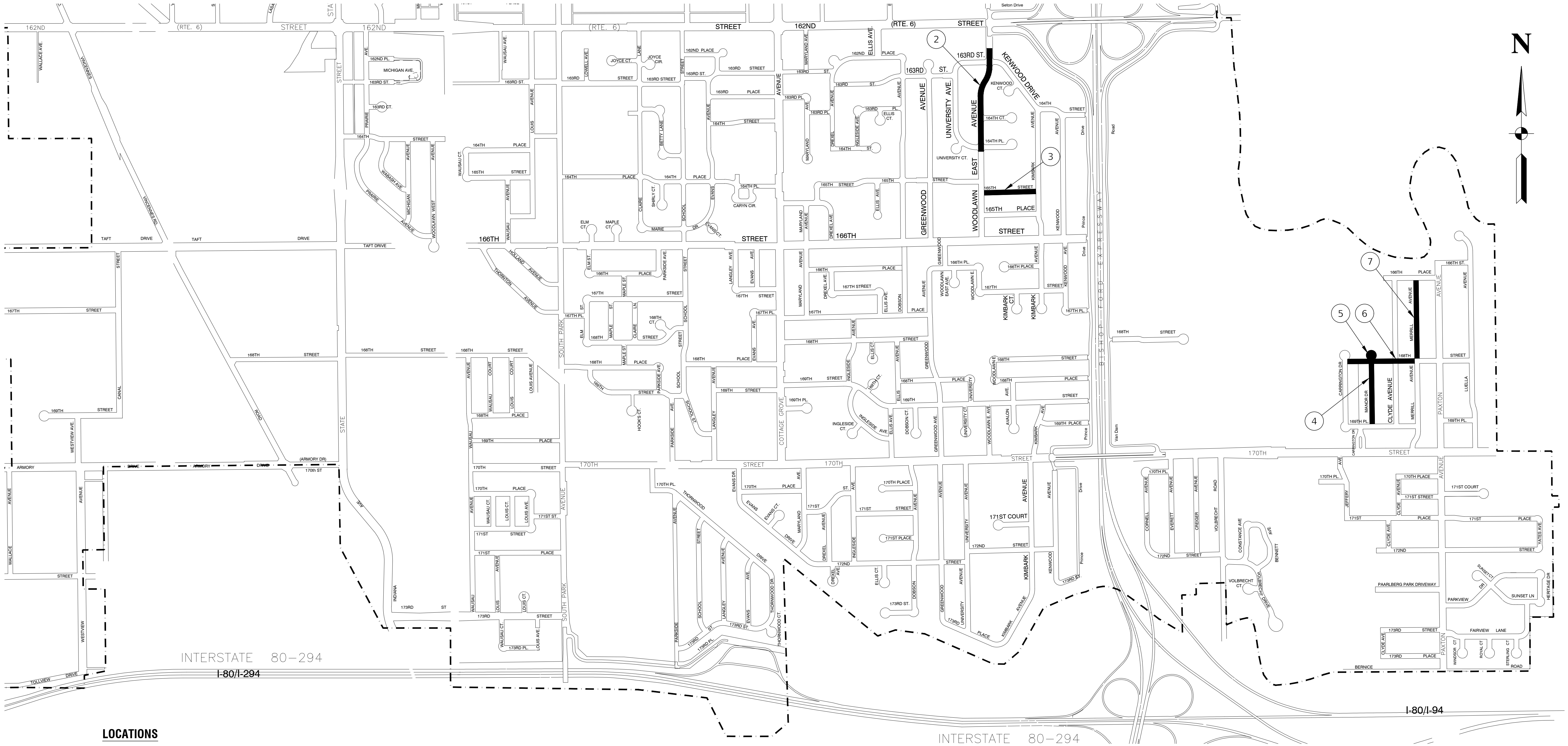
VILLAGE OF SOUTH HOLLAND
2024 MFT/REBUILD IL STREET RESURFACING PROGRAM
LOCATION MAP-NORTH HALF

VILLAGE of **SOUTH HOLLAND**



LOCATIONS

▬ - INDICATES LOCATIONS OF IMPROVEMENTS

2. **WOODLAWN EAST AVENUE - 163RD STREET TO 164TH PLACE**
3. **165TH STREET - WOODLAWN EAST AVENUE TO KIMBARK AVENUE**
4. **MANOR DRIVE - 169TH PLACE TO 168TH STREET**
5. **MANOR COURT - 168TH STREET TO NORTH END**
6. **168TH STREET - CARRINGTON DRIVE TO MERRILL AVENUE**
7. **MERRILL AVENUE - 168TH STREET TO 166TH PLACE**

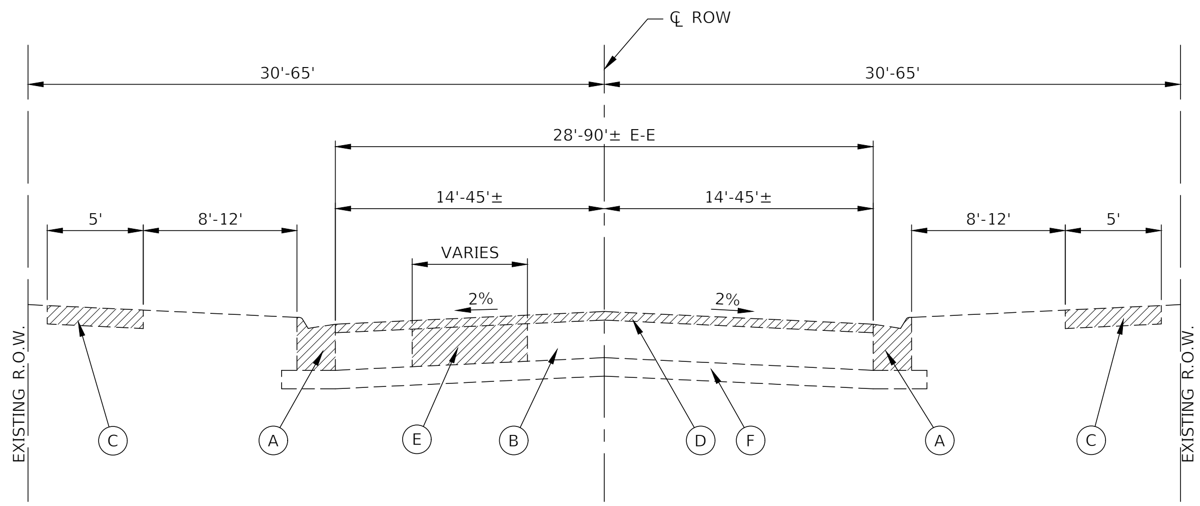
DATE = 01-16-24	DESIGNED — MN	REVISED —	
SCALE = N.T.S.	CHECKED — JH	REVISED —	
PROJECT NO = 24-R0001_30	DRAWN — ACAD	REVISED —	
FILE NAME = 24R0001_30-COVR-01	CHECKED — AG	REVISED —	

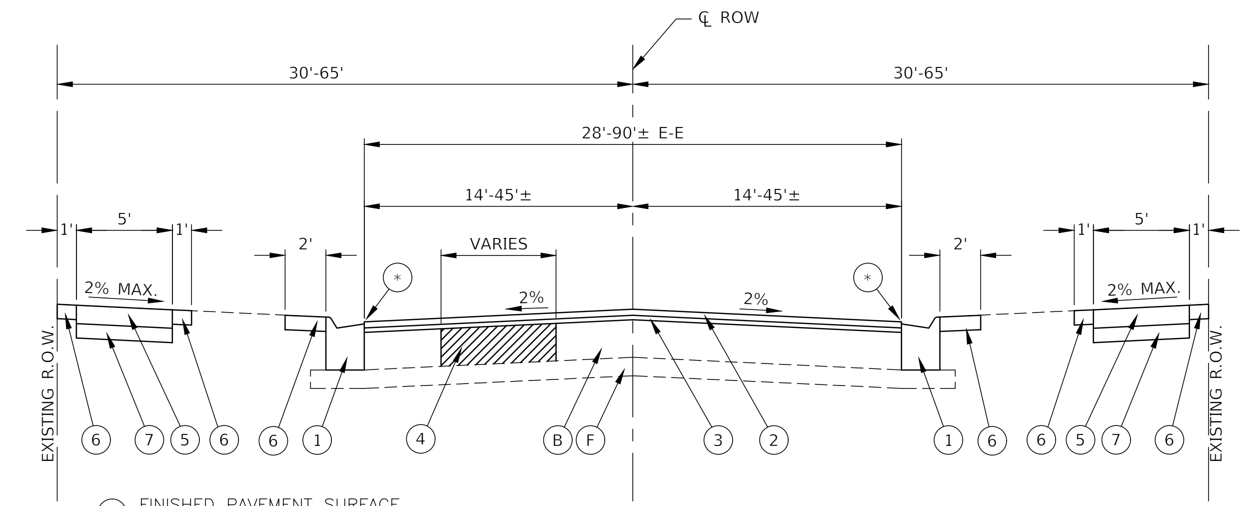
Robinson ENGINEERING

VILLAGE OF SOUTH HOLLAND
2024 MFT/REBUILD IL STREET RESURFACING PROGRAM
LOCATION MAP-SOUTH HALF

VILLAGE of **SOUTH HOLLAND**

					1	2	3	4	5	6	7
					Avalon	**Woodlawn East Avenue**	**165th Street**	**Manor Drive**	**Manor Ct**	**168th St**	**Merrill Ave**
				TOTAL	156th Street to 158th Street	163rd St to 164th Pl	Woodlawn East to Kimbark	169th Pl to 168th St	N from 168th St	Carrington to Merrill	168th to 166th Pl
	ITEM #	**PAY ITEM**	**UNIT**	**QTY**	**QTY**	**QTY**	**QTY**	**QTY**	**QTY**	**QTY**	**QTY**
20201200	1	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50	0	0	0	25	0	25	0
21101615	2	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	446	154	73	48	44	19	28	80
25200110	3	SODDING, SALT TOLERANT	SQ YD	446	154	73	48	44	19	28	80
30300001	4	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	50	0	0	0	25	0	25	0
35800100	5	PREPARATION OF BASE	SQ YD	1,570	0	0	0	770	0	800	0
35800200	6	AGGREGATE BASE REPAIR	TON	88	0	0	0	43	0	45	0
40600290	7	BITUMINOUS MATERIALS (TACK COAT)	POUND	12,187	1,913	3,222	1,352	1,566	576	1,631	1,927
40600982	8	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	284	29	129	28	14	0	56	28
40602978	9	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	1,045	164	276	116	134	50	140	165
40604060	10	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,564	246	413	174	201	74	209	247
42300300	11	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	174	31	47	49	0	10	0	37
42400200	12	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6,145	5,530	100	100	120	95	100	100
42400400	13	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	1,450	1,375	50	0	0	0	0	25
42400800	14	DETECTABLE WARNINGS	SQ FT	120	20	0	20	40	40	0	0
44000157	15	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	18,048	2,833	4,772	2,002	2,319	853	2,415	2,854
44000200	16	DRIVEWAY PAVEMENT REMOVAL	SQ YD	262	31	65	49	0	10	0	107
44000500	17	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,600	478	258	196	170	63	102	333
44000600	18	SIDEWALK REMOVAL	SQ FT	7,675	6,905	230	100	120	95	100	125
60266600	19	VALVE BOXES TO BE ADJUSTED	EACH	1	0	1	0	0	0	0	0
60406000	20	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	2	2	0	0	0	0	0	0
60608562	21	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	1,600	478	258	196	170	63	102	333
78000400	22	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	418	0	418	0	0	0	0	0
78000650	23	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	61	0	61	0	0	0	0	0
Z0004514	24	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	88	0	18	0	0	0	0	70
Z0017400	25	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	33	5	7	3	4	2	8	4
Z0017700	26	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	1	0	0	0	0	0	1	0
R6001014	27	CLASS D PATCHES, 6 INCH	SQ YD	210	54	29	22	19	7	12	67





* FINISHED PAVEMENT SURFACE SHALL BE 1/4" ABOVE TOP OF GUTTER.

EXISTING TYPICAL SECTION

WOODLAWN EAST AVENUE - 163RD STREET TO 164TH PLACE
165TH STREET - WOODLAWN EAST AVENUE TO KIMBARK AVENUE
MANOR DRIVE - 169TH PLACE TO 168TH STREET
MANOR COURT - 168TH STREET TO NORTH END
168TH STREET - CARRINGTON DRIVE TO MERRILL AVENUE
MERRILL AVENUE - 168TH STREET TO 166TH PLACE

PROPOSED TYPICAL SECTION

WOODLAWN EAST AVENUE - 163RD STREET TO 164TH PLACE
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MERRILL AVENUE - 168TH STREET TO 166TH PLACE

EXISTING LEGEND

- A EXISTING CURB AND GUTTER
- B EXISTING BITUMINOUS PAVEMENT, 3" TO 9.5"±
- C PCC SIDEWALK
- D HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4"
- E PAVEMENT REMOVAL FOR CLASS "D" PATCHES, 6 INCH
- F EXISTING AGGREGATE BASE, 4"-11"±
- ITEMS TO BE REMOVED (AS DIRECTED BY THE ENGINEER)

PROPOSED LEGEND

1. COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12 (TO BE REPLACED AS DIRECTED BY THE ENGINEER)
2. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N50, 1 1/2"
3. HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1"
4. CLASS D PATCHES, 6 INCH (AS DIRECTED BY THE ENGINEER)
5. PORTLAND CEMENT CONCRETE SIDEWALK 5" OR PORTLAND CEMENT CONCRETE SIDEWALK, 7" AT DRIVEWAYS (TO BE REPLACED AS DIRECTED BY THE ENGINEER)
6. TOPSOIL, FURNISH AND PLACE, 4" WITH SODDING, SALT TOLERANT
7. AGGREGATE BASE COURSE, TYPE B 4" (INCLUDED IN COST OF ITEM 5)

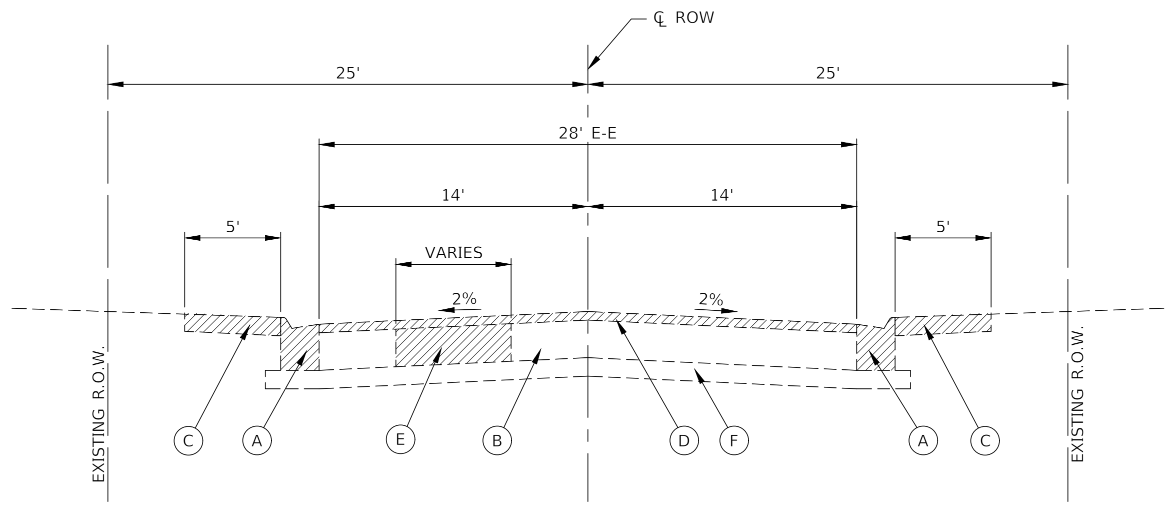
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @NDES	QMP
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1 1/2")	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 (1" MIN.)	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT DRIVEWAY		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1 3/4")	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (2 1/4")	4% @ 50 Gyr.	LR 1030-2
PAVEMENT PATCHING		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0mm, N70 (6") (2 LIFTS)	4% @ 70 Gyr.	LR 1030-2
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LOCAL ROADS SPECIFICATION 1030-2		

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

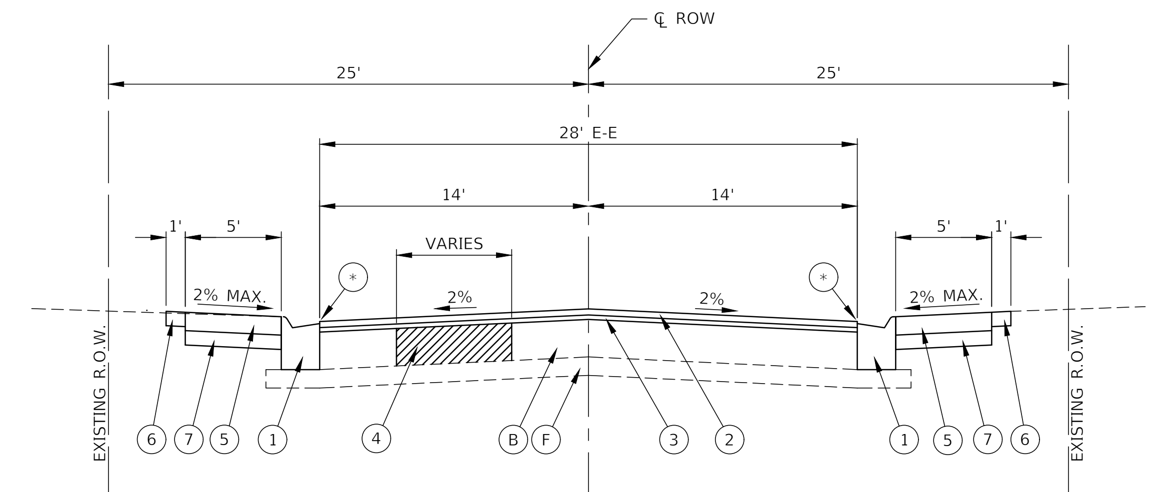
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT 1 SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.



EXISTING TYPICAL SECTION

AVALON AVENUE - 156TH STREET TO 158TH STREET



* FINISHED PAVEMENT SURFACE SHALL BE 1/4" ABOVE TOP OF GUTTER.

PROPOSED TYPICAL SECTION

AVALON AVENUE - 156TH STREET TO 158TH STREET

EXISTING LEGEND

- A EXISTING CURB AND GUTTER
- B EXISTING BITUMINOUS PAVEMENT, 3" TO 4"±
- C PCC SIDEWALK
- D HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4"
- E PAVEMENT REMOVAL FOR CLASS "D" PATCHES, 6 INCH
- F EXISTING AGGREGATE BASE, 4"-7"±
- (hatched) ITEMS TO BE REMOVED (AS DIRECTED BY THE ENGINEER)

PROPOSED LEGEND

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7. AGGREGATE BASE COURSE, TYPE B 4" (INCLUDED IN COST OF ITEM 5)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @NDES	QMP
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1 1/2")	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 (1" MIN.)	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT DRIVEWAY		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1 3/4")	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (2 1/4")	4% @ 50 Gyr.	LR 1030-2
PAVEMENT PATCHING		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0mm, N70 (6") (2 LIFTS)	4% @ 70 Gyr.	LR 1030-2
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NOTE:
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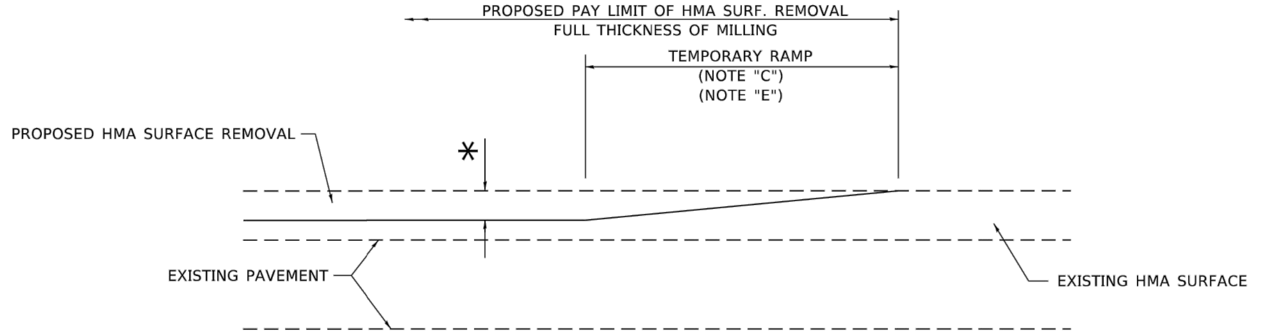
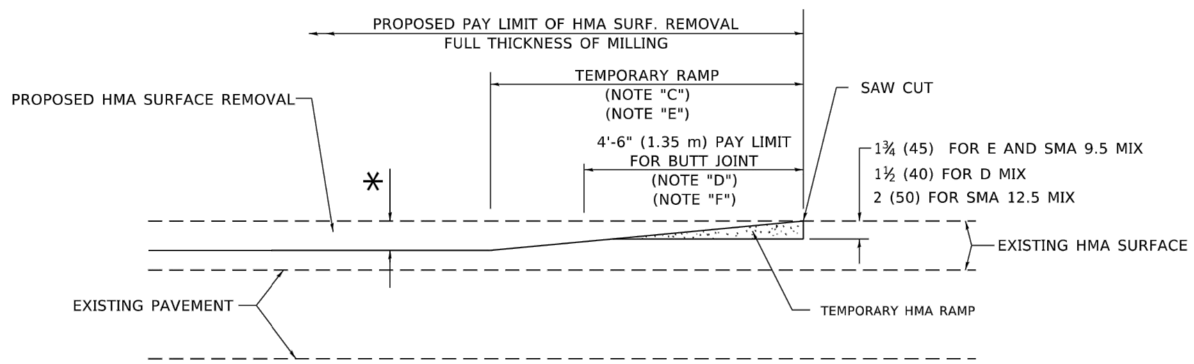
QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

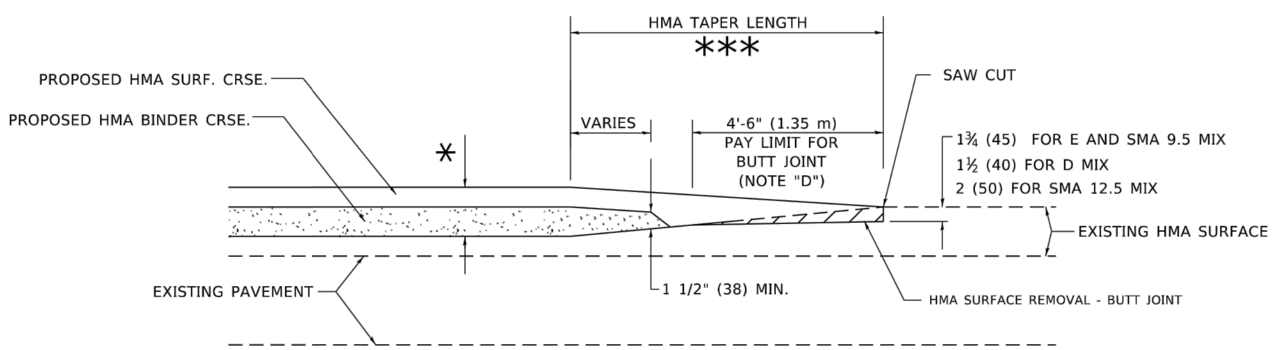


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

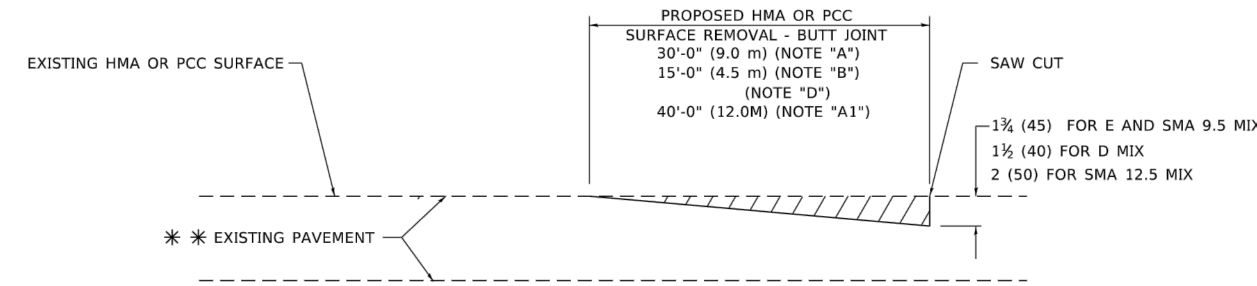
OPTION 2

TYPICAL TEMPORARY RAMP

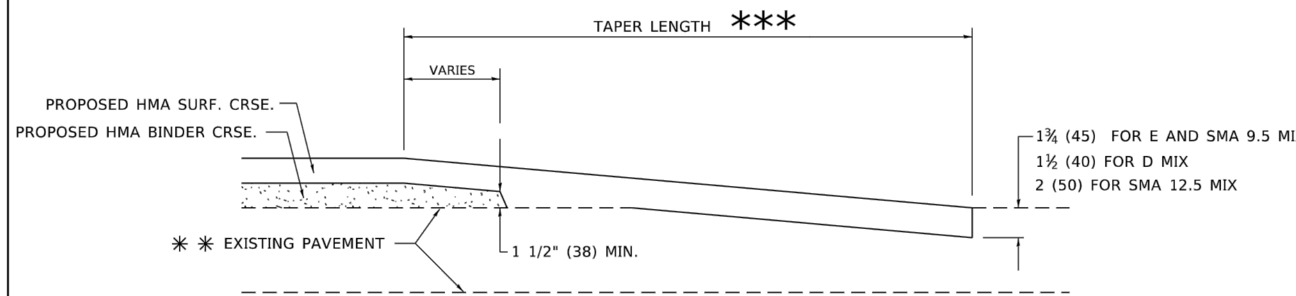


BUTT JOINT AND HMA TAPER

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.

GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

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' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 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

1. 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".
2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

MODEL: Default
FILE NAME: pw:\\idot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\DistStd22x34\CADData\CADSheets\bd32.dgn

USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - M. GOMEZ 04-06-01	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07	
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22	

BUTT JOINT AND HMA TAPER DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BD400-05 BD-32		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

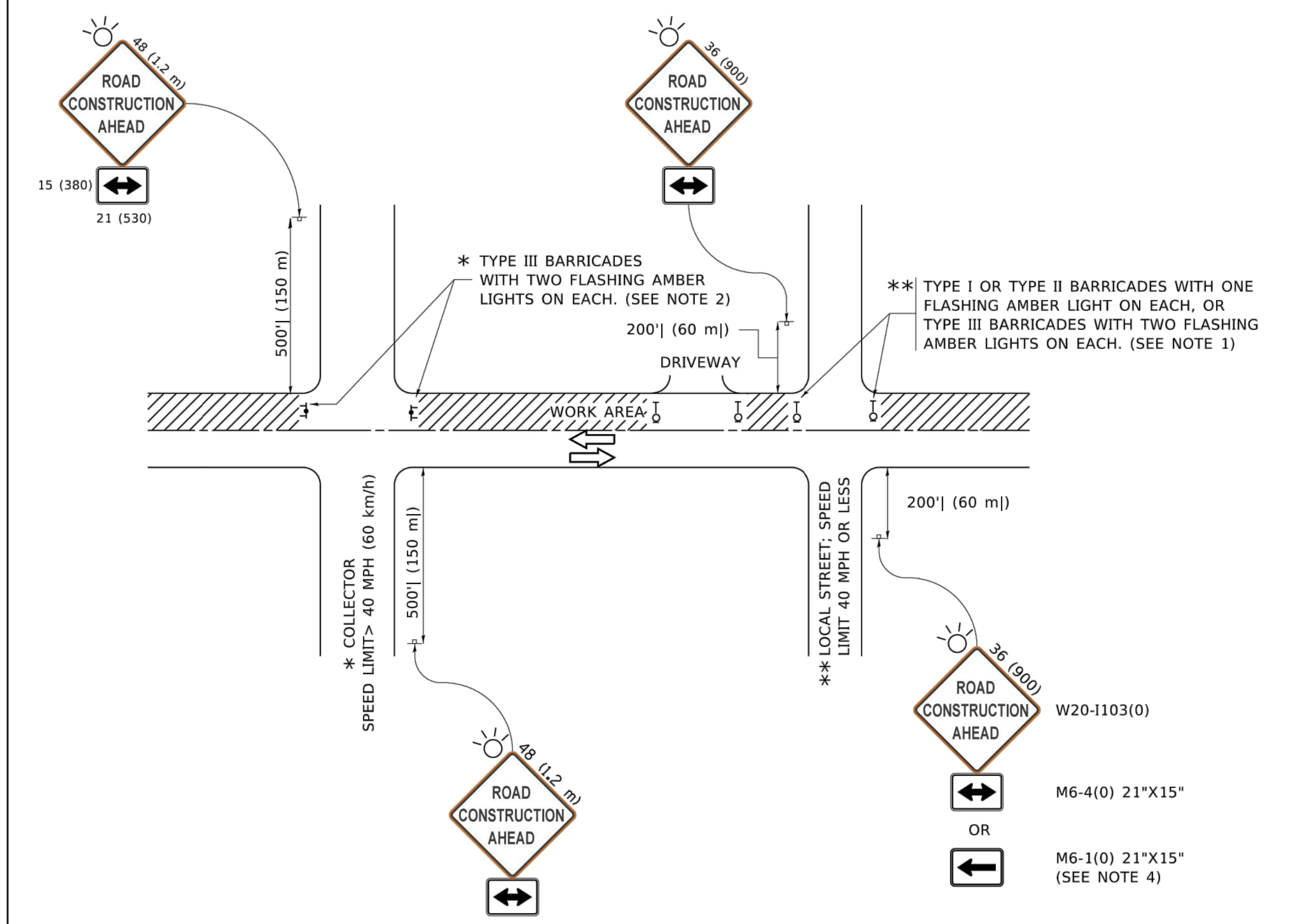
DATE = 01-16-24	DESIGNED — MN	REVISED —	
SCALE = NONE	CHECKED — JH	REVISED —	
PROJECT NO = 24-R0001_30	DRAWN — RG	REVISED —	
FILE NAME = 24R0001_30-DTLS-01	CHECKED — AG	REVISED —	

Robinson ENGINEERING

VILLAGE OF SOUTH HOLLAND
2024 MFT/REBUILD IL STREET RESURFACING PROGRAM
DISTRICT 1 STANDARDS

VILLAGE of SOUTH HOLLAND

LAST SAVED BY: AGULDEN ON 1/16/24
PLOTTED BY: ANDY GULDEN ON 1/16/24



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 CONSTRUCTION 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 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. 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.

MODEL: Default
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USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	TC-10
	DRAWN -	REVISED - T. RAMMACHER 01-06-00			
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16			

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-10	CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

DATE = 01-16-24	DESIGNED — MN	REVISED —
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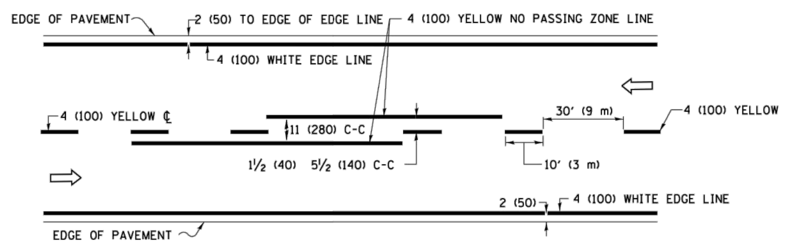
FILE NAME = 24R0001_30-DTLS-01	CHECKED — AG	REVISED —

Robinson ENGINEERING

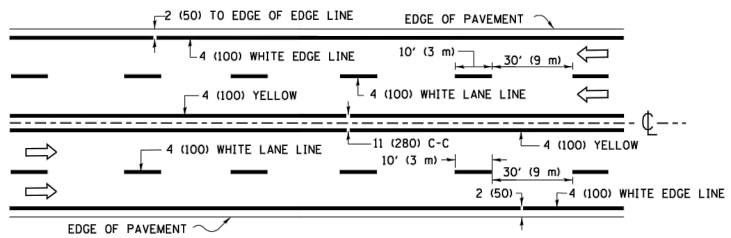
VILLAGE OF SOUTH HOLLAND
2024 MFT/REBUILD IL STREET RESURFACING PROGRAM
DISTRICT 1 STANDARDS

VILLAGE of SOUTH HOLLAND

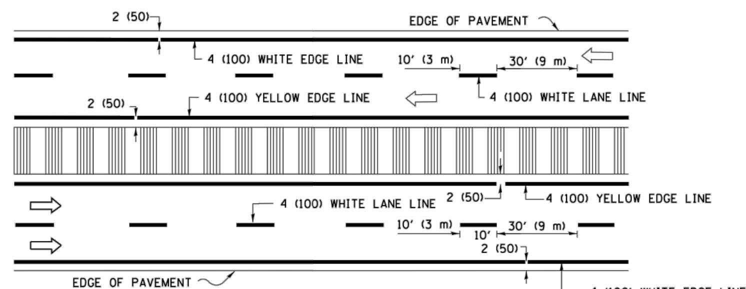
LAST SAVED BY: AGULDEN ON 1/16/24
PLOTTED BY: ANDY GULDEN ON 1/16/24



2-LANE ROADWAY



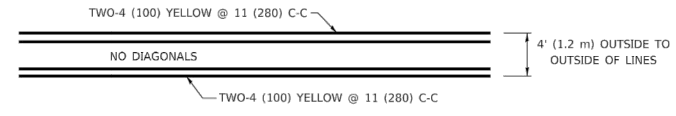
MULTI-LANE UNDIVIDED



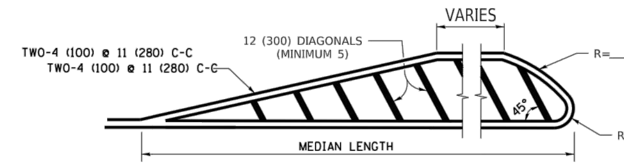
MULTI-LANE DIVIDED

WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



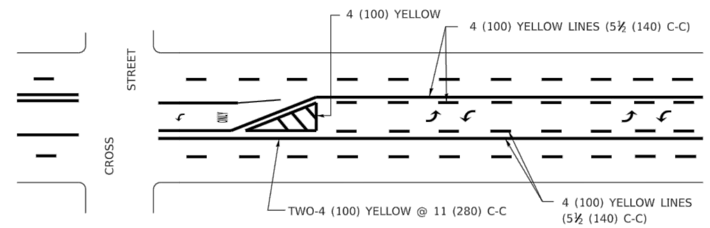
4' (1.2 m) WIDE MEDIANS ONLY



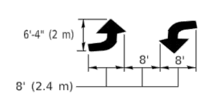
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

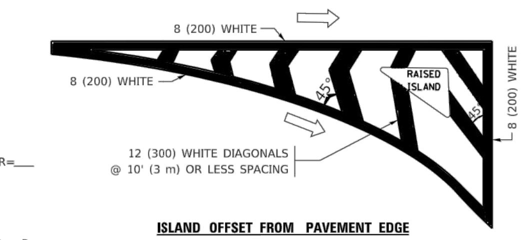


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

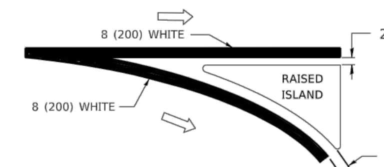


MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

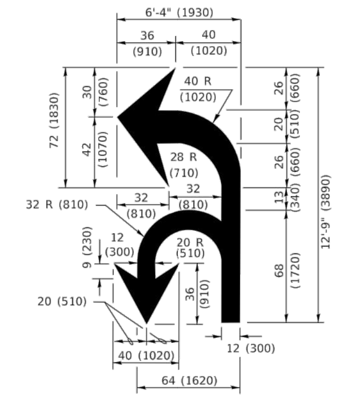


ISLAND OFFSET FROM PAVEMENT EDGE

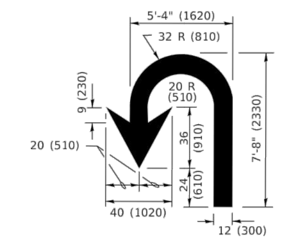


ISLAND AT PAVEMENT EDGE

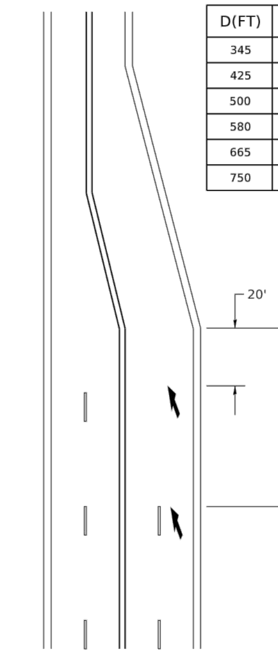
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN



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

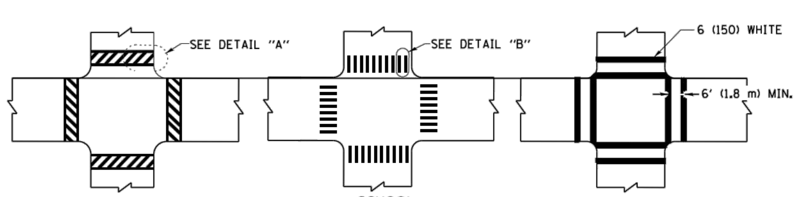
LANE REDUCTION TRANSITION

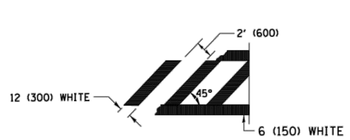
* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

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	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 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
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 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
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

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.



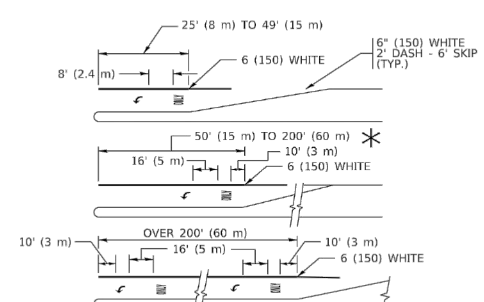


DETAIL "A"

DETAIL "B"

TYPICAL CROSSWALK MARKING

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



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* 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

MODEL: Default
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USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE TYPICAL PAVEMENT MARKINGS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED - C. JUCIUS 07-01-13				TC-13	CONTRACT NO.		
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15		SCALE: NONE / SHEET 1 OF 2 SHEETS / STA. TO STA.		ILLINOIS	FED. AID PROJECT		
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16							

DATE = 01-16-24	DESIGNED — MN	REVISED —	VILLAGE OF SOUTH HOLLAND	VILLAGE of SOUTH HOLLAND	SHEET NO. 9 of 9
SCALE = NONE	CHECKED — JH	REVISED —	2024 MFT/REBUILD IL STREET RESURFACING PROGRAM		
PROJECT NO = 24-R0001_30	DRAWN — RG	REVISED —	DISTRICT 1 STANDARDS		
FILE NAME = 24R0001_30-DTLS-01	CHECKED — AG	REVISED —			

Robinson ENGINEERING

LAST SAVED BY: AGULDEN ON 1/16/24
PLOTTED BY: ANDY GULDEN ON 1/16/24