

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	23-00095-00-RS	COOK	19	1
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT 8RCG(039)	

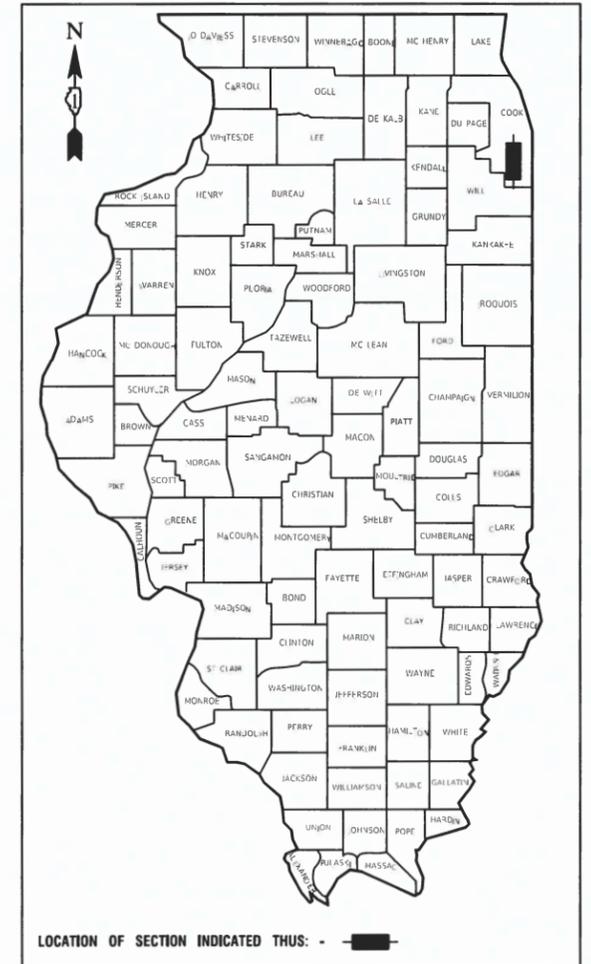
CONTRACT NO. 61J72

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

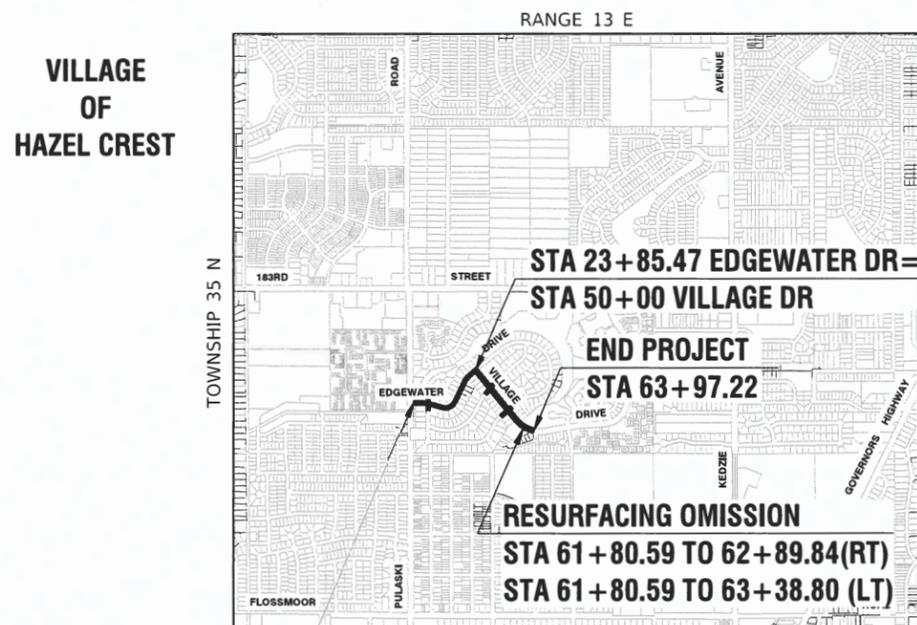
FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

FAU ROUTE 1681 (EDGEWATER DRIVE / VILLAGE DRIVE)
PULASKI ROAD TO BRIAR LANE
ROADWAY RESURFACING
SECTION NO.: 23-00095-00-RS
PROJECT NO.: 8RCG(039)
VILLAGE of HAZEL CREST
COOK COUNTY
JOB NO.: C-91-162-23



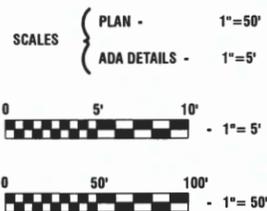
EDGEWATER DRIVE / VILLAGE DRIVE PULASKI ROAD TO BRIAR LANE	
TRAFFIC (2018 ADT)-	1,250
POSTED SPEED LIMIT-	20 MPH
DESIGN SPEED-	20 MPH
FUNCTIONAL CLASSIFICATION-	MINOR COLLECTOR



BEGIN PROJECT
STA 10+35.98

LOCATION MAP
NOT TO SCALE

GROSS LENGTH= 3,159.43 FEET= 0.60 MILES
NET LENGTH= 3,050.18 FEET= 0.58 MILES



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	
APPROVED	<i>[Signature]</i> VILLAGE OF HAZEL CREST
PASSED	July 21, 2023 <i>C. F. Riddle</i> DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	July 21, 2023 <i>Jose Rios</i> REGIONAL ENGINEER



[Signature]
07-11-23

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THE STATE OF ILLINOIS

I.D.O.T. FEDERAL AID PROGRAM ENGINEER: CARMEN RAMOS, PE, SCHAUMBURG, IL
CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700

INDEX OF SHEETS

1	COVER SHEET
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3-5	SUMMARY OF QUANTITIES
6	TYPICAL CROSS SECTIONS
7-8	ALIGNMENT AND TIES
9-10	PROPOSED IMPROVEMENT PLAN
11-12	PAVEMENT MARKING AND SIGNAGE PLAN
13	ADA RAMP DETAILS
14-19	IDOT DISTRICT 1 STANDARDS

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
604001-05	FRAME AND LIDS TYPE 1
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15'(4.5m) TO 24"(600mm) FROM PAVEMENT EDGE
701011-04	OFF ROAD MOVING OPERATIONS, 2L,2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES

DISTRICT ONE DETAILS

BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINTS AND HMA TAPER
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

GENERAL NOTES

- ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES NOT SPECIFICALLY CALLED OUT ON THE PLANS SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER.
- THE ROBINSON ENGINEERING, LTD. FIELD OFFICE (708-331-6700), AND THE PUBLIC WORKS DIRECTOR, AT THE VILLAGE OF HAZEL CREST (708-335-9600 EXT. 200), SHALL BE NOTIFIED THREE (3) WORKING DAYS BEFORE CONSTRUCTION BEGINS.
- BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 AND (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION REQUIRED)
- UTILITIES INDICATED ON THE PLANS ARE PROVIDED FOR THE CONTRACTOR'S USE AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF UTILITY INFORMATION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE THICKNESS OF HMA MIXTURE STATED IN THE SPECIFICATIONS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA SURFACE IS PLACED.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SHALL BE REMOVED BY THE END OF EACH DAY BY THE CONTRACTOR.
- CLASS D PATCHING QUANTITIES FOR THIS CONTRACT SHALL BE PERFORMED AT THE DIRECTION OF THE ENGINEER AFTER PAVEMENT MILLING.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
- NO PAVEMENT PATCHING SHALL BE PERMITTED AFTER FRIDAY AT 3:00 PM OF EACH AND EVERY WEEK AND NO HOLES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT OR OVER THE WEEKEND.
- ALL EQUIPMENT SHALL BE REMOVED OFF THE VILLAGE STREETS DURING ALL HOLIDAY WEEKENDS AS COORDINATED WITH THE VILLAGE.
- HMA PAVING SHALL BE PERFORMED WITH HOT JOINTS.
- THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.

FILE NAME = 22R0763-INDX-01 - P01	USER NAME =	DESIGNED -- CH	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EDGEWATER DRIVE / VILLAGE DRIVE ROADWAY RESURFACING INDEX OF SHEETS, STANDARDS & GENERAL NOTES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -- WPD	REVISED --		1681	23-00095-00-RS	COOK	19	2			
	PLOT SCALE =	DRAWN -- BG	REVISED --		CONTRACT NO. 61J72							
	PLOT DATE = 07-11-23	CHECKED -- AG	REVISED --		SCALE: NONE	SHEET NO. 2 OF 19 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT 8RCG(039)		

SPECIALTY ITEM	PAY CODE	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	SAFETY	TRAINEES
					0005	0021	0042
					URBAN	URBAN	URBAN
					FED 80%/LOCAL 20%	FED 80%/LOCAL 20%	FED 80%/LOCAL 20%
	20200100	EARTH EXCAVATION	CU YD	20		20	
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	635	635		
	25200110	SODDING, SALT TOLERANT	SQ YD	635	635		
	25200200	SUPPLEMENTAL WATERING	UNIT	35	35		
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	14	14		
	28000510	INLET FILTERS	EACH	24	24		
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	670		670	
	35800100	PREPARATION OF BASE	SQ YD	5,710	5,710		
	35800200	AGGREGATE BASE REPAIR	TON	640	640		
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	20	20		
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	12,850	12,850		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,615	4,615		
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	2,830	2,830		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL -- BUTT JOINT	SQ YD	210	210		
	40602978	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	965	965		
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	895	895		
	42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	95	95		

FILE NAME = 22R0763-QUAN-01 - P01

USER NAME =	DESIGNED -- CH	REVISED --
	CHECKED -- SDK	REVISED --
PLOT SCALE =	DRAWN -- BG	REVISED --
PLOT DATE = 07-11-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EDGEWATER DRIVE / VILLAGE DRIVE
ROADWAY RESURFACING
SUMMARY OF QUANTITIES

SCALE NONE SHEET NO. 3 OF 19 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	23-00095-00-RS	COOK	19	3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 8RCG(039)			CONTRACT NO. 61J72	

SPECIALTY ITEM	PAY CODE	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					ROADWAY	SAFETY	TRAINEES
					0005	0021	0042
					URBAN	URBAN	URBAN
FED 80%/LOCAL 20%	FED 80%/LOCAL 20%	FED 80%/LOCAL 20%					
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5,145		5,145	
	42400800	DETECTABLE WARNINGS	SQ FT	310		310	
	44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	5,710	5,710		
	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	4,930	4,930		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	130	130		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	965	965		
	44000600	SIDEWALK REMOVAL	SQ FT	4,990		4,990	
	44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	100	100		
	44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	150	150		
	44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	200	200		
	44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	250	250		
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	5	5		
	60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	45	45		
	60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	920	920		
	67100100	MOBILIZATION	LSUM	1	1		
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1		

FILE NAME = 22R0763-QUAN-01 - P02

USER NAME =	DESIGNED -- CH	REVISED --
	CHECKED -- SDK	REVISED --
PLOT SCALE =	DRAWN -- BG	REVISED --
PLOT DATE = 07-11-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EDGEWATER DRIVE / VILLAGE DRIVE
ROADWAY RESURFACING
SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	23-00095-00-RS	COOK	19	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT BRCG(039)			CONTRACT NO. 61J72	

SPECIALTY ITEM	PAY CODE	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
					ROADWAY	SAFETY	TRAINEES
					0005	0021	0042
					URBAN	URBAN	URBAN
FED 80%/LOCAL 20%	FED 80%/LOCAL 20%	FED 80%/LOCAL 20%					
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1		
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,500		1,500	
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	500		500	
X	72000100	SIGN PANEL -- TYPE 1	SQ FT	65		65	
	72400100	REMOVE SIGN PANEL ASSEMBLY -- TYPE A	EACH	10		10	
X	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	150		150	
X	78000200	THERMOPLASTIC PAVEMENT MARKING -- LINE 4"	FOOT	310		310	
X	78000400	THERMOPLASTIC PAVEMENT MARKING -- LINE 6"	FOOT	680		680	
X	78000600	THERMOPLASTIC PAVEMENT MARKING -- LINE 12"	FOOT	450		450	
X	78000650	THERMOPLASTIC PAVEMENT MARKING -- LINE 24"	FOOT	235		235	
	Z0004514	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	35	35		
	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	33	33		
	Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	1	1		
	Z0076600	TRAINEES	HOUR	500			500
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500			500

FILE NAME = Z2R0763-QUAN-01 - P03

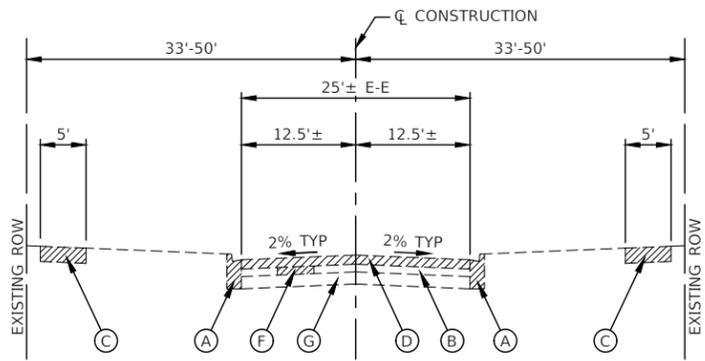
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

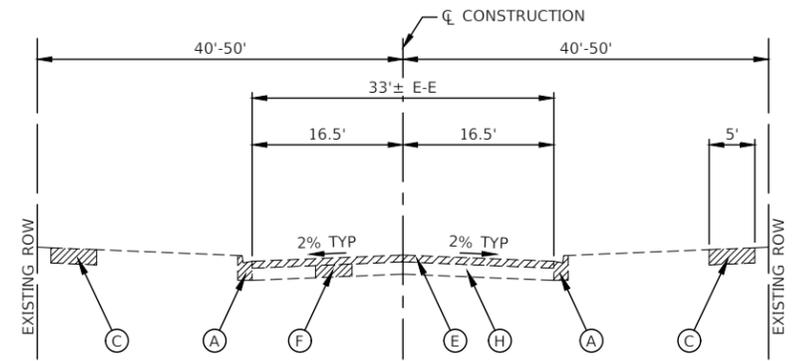
EDGEWATER DRIVE / VILLAGE DRIVE
ROADWAY RESURFACING
SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 5 OF 19 SHEETS STA. TO STA.

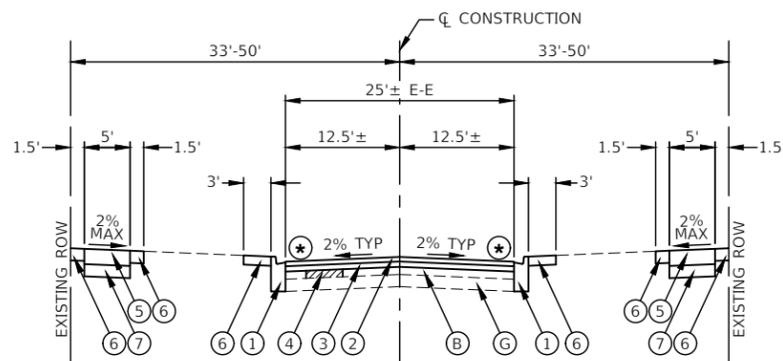
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	23-00095-00-RS	COOK	19	5
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 61J72	
FED. AID PROJECT BRCG(038)				



EXISTING TYPICAL SECTION
EDGEWATER DRIVE
STA 10+35.98 TO STA 24+34.64

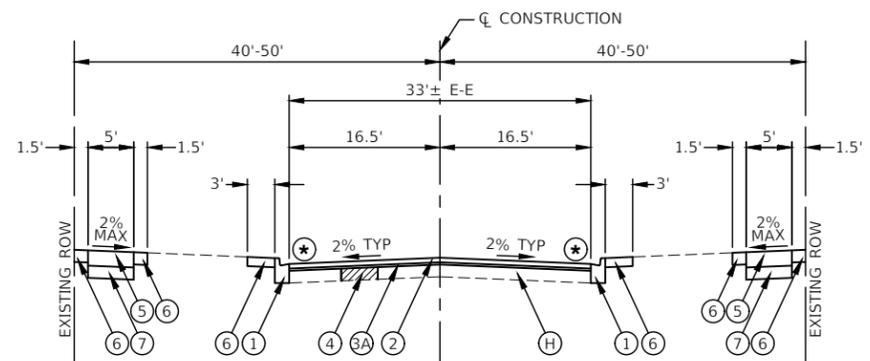


EXISTING TYPICAL SECTION
VILLAGE DRIVE
STA 50+15.08 TO STA 63+97.22
OMISSION = STA 61+80.59 TO STA 62+89.94 RT AND
STA 61+80.59 TO STA 63+38.80 LT



PROPOSED TYPICAL SECTION
EDGEWATER DRIVE
STA 10+35.98 TO STA 24+34.64

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



PROPOSED TYPICAL SECTION
VILLAGE DRIVE
STA 50+15.08 TO STA 63+97.22
OMISSION = STA 61+80.59 TO STA 62+89.94 RT AND
STA 61+80.59 TO STA 63+38.80 LT

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

EXISTING LEGEND

- (A) EXISTING CURB AND GUTTER
- (B) EXISTING BITUMINOUS PAVEMENT, ±2.25" - 8"
- (C) EXISTING PCC SIDEWALK
- (D) HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, 2.75"
- (F) PAVEMENT REMOVAL FOR CLASS D PATCHES, 6 INCH
- (G) EXISTING AGGREGATE BASE, ±4"
- (H) EXISTING AGGREGATE BASE, ±6"
- [Hatched Box] ITEM TO BE REMOVED (AS DIRECTED BY THE ENGINEER)

NOTE:
 LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HOT-MIX ASPHALT BINDER COURSE IL-9.5, N50.

PROPOSED LEGEND

- (1) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR M-2.12 (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 3/4"
- (3A) HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1 1/2"
- (4) CLASS D PATCHES, 6 INCH (TO BE REPLACED 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" AND SODDING, SALT TOLERANT
- (7) AGGREGATE BASE COURSE, TYPE B 4"

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 3/4" OR 1 1/2"	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"		
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-19.0, N50, 2 1/2"	4% @ 50 Gyr.	LR 1030-2
CLASS D PATCHES, 6 INCH		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0mm, N70 (6")	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 RECLAIMED MATERIALS SPECIFICATIONS.

FILE NAME = 22R0763-TYPX-01 - P01

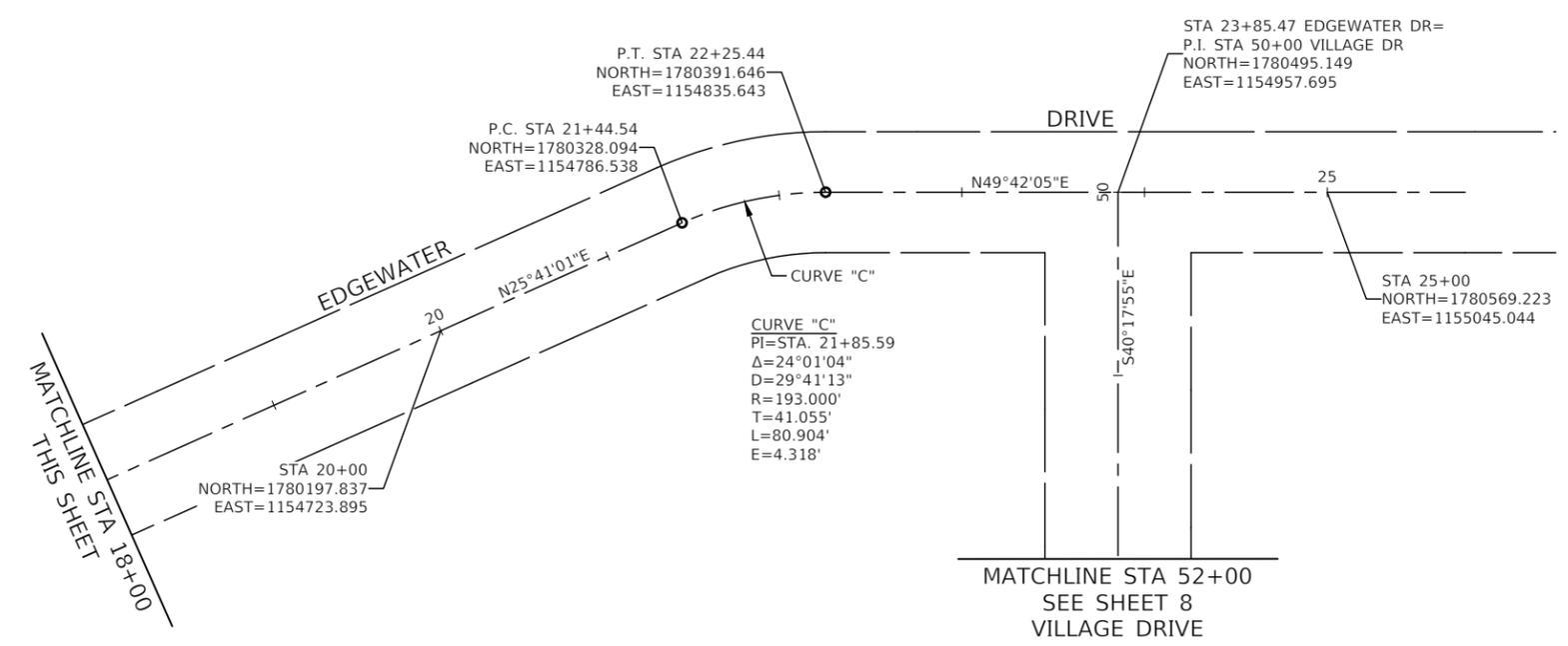
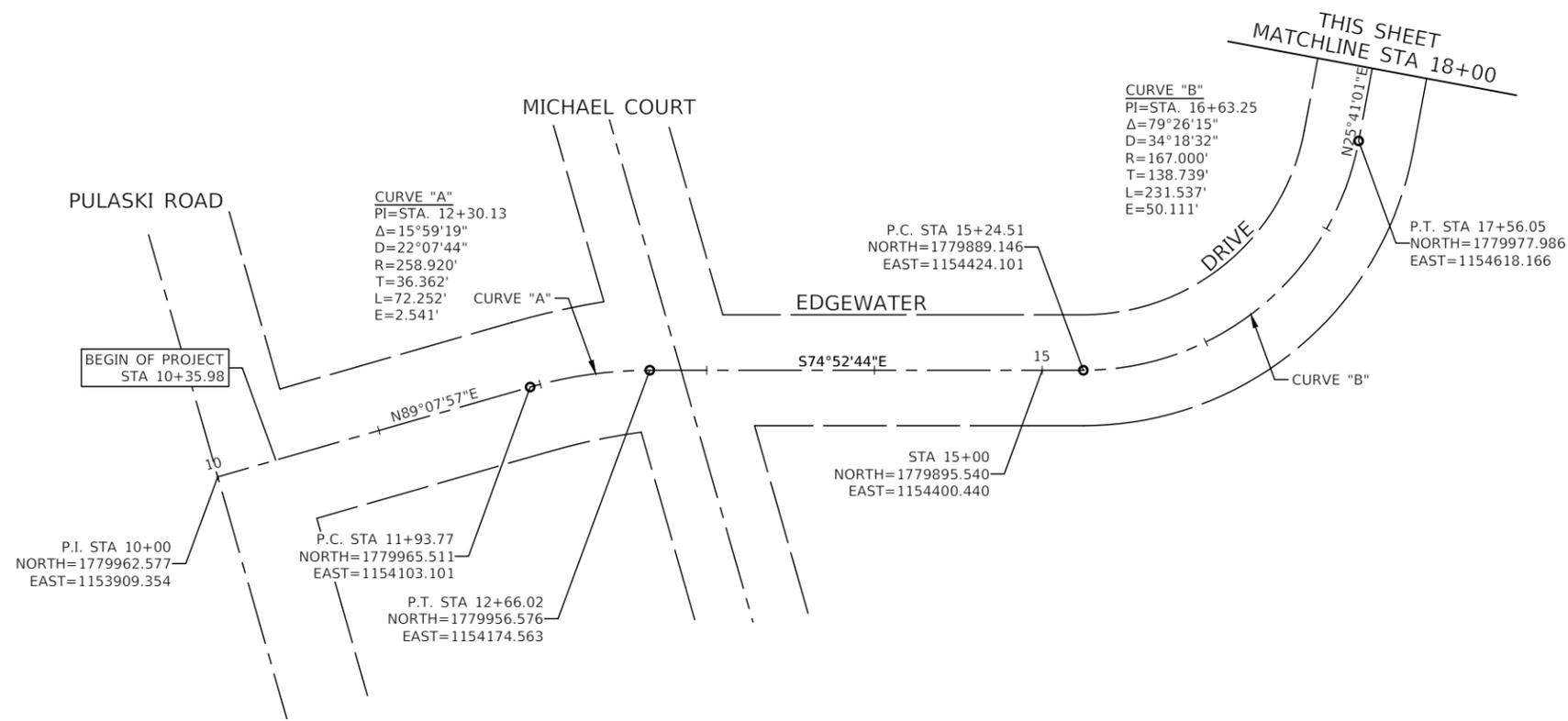
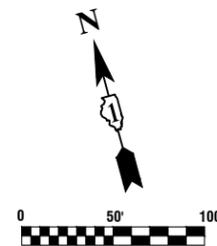
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PLOT SCALE =	DRAWN -- BG	REVISED --
PLOT DATE = 07-11-23	CHECKED -- BG	REVISED --

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EDGEWATER DRIVE / VILLAGE DRIVE
 ROADWAY RESURFACING
 TYPICAL CROSS SECTIONS

SCALE: SHEET NO. 6 OF 19 SHEETS STA. TO STA.

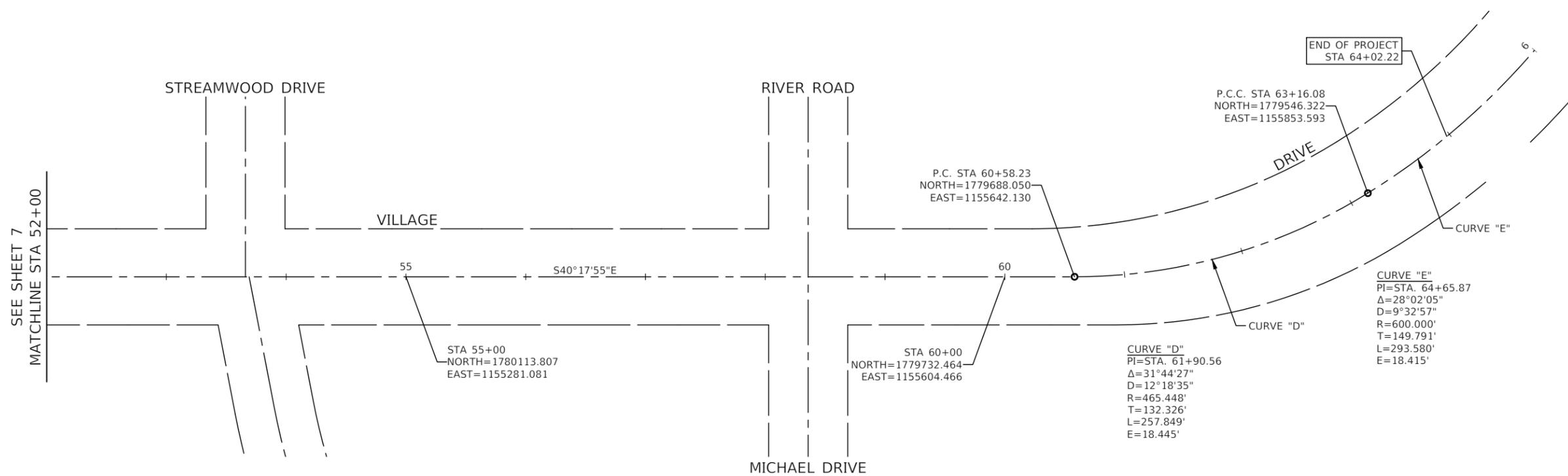
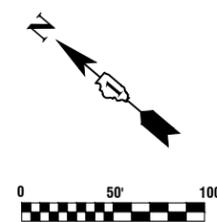
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	23-00095-00-RS	COOK	19	6
CONTRACT NO. 61J72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 8RCG(039)				



NOTES

- COORDINATES ARE BASED ON ILLINOIS STATE PLANE EASTERN ZONE NORTH AMERICAN DATUM 1983
- SURVEY FEET UNITS WERE USED.

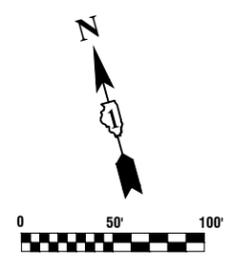
FILE NAME = 22R0763-TIES-01 - P01	USER NAME =	DESIGNED -- CH	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EDgewater Drive / Village Drive ROADWAY RESURFACING ALIGNMENT AND TIES	F.A. -- RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED -- SDK	REVISED --			1681	23-00095-00-RS	COOK	19	7
PLOT DATE = 07-11-23	DRAWN -- BG	REVISED --	REVISED --	SCALE:	SHEET NO. 7 OF 19 SHEETS	STA.	TO STA.	CONTRACT NO. 61J72		
	CHECKED -- AG	REVISED --	REVISED --	FED. ROAD DIST. NO. 1			ILLINOIS	FED. AID PROJECT 8RCG(039)		



NOTES

- COORDINATES ARE BASED ON ILLINOIS STATE PLANE EASTERN ZONE NORTH AMERICAN DATUM 1983
- SURVEY FEET UNITS WERE USED.

FILE NAME = 22R0763-TIES-01 - P02	USER NAME =	DESIGNED -- CH	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EDGEWATER DRIVE / VILLAGE DRIVE ROADWAY RESURFACING ALIGNMENT AND TIES			F.A. -- RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -- SDK	REVISED --		1681	23-00095-00-RS	COOK	19	8			
	PLOT SCALE =	DRAWN -- BG	REVISED --		CONTRACT NO. 61J72							
	PLOT DATE = 07-11-23	CHECKED -- AG	REVISED --		SCALE: 1"=50'	SHEET NO. 8	OF 19 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT 8RCG(039)



**BEGIN IMPROVEMENT
STA 10+35.98**

STA 24+34.64

LEGEND

- HMA SURFACE REMOVAL, 2 3/4" OR 3"
- HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1 3/4"
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1 1/2"
- SIDEWALK REMOVAL
- SIDEWALK REMOVAL
- PORTLAND CEMENT CONCRETE SIDEWALK, 5" (7" THRU DRIVEWAYS)
- AGGREGATE BASE COURSE, TYPE B, 4"
- CLASS D PATCHES, 6"
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"
- DRIVEWAY PAVEMENT REMOVAL
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7"
- DETECTABLE WARNING
- CONCRETE CURB & COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- "A" STRUCTURE OR VALVE BOX TO BE ADJUSTED
- HMA SURFACE REMOVAL - BUTT JOINT
- BEG R&R +XX BEGIN STATION FOR CURB AND GUTTER REMOVAL AND REPLACEMENT
- END R&R +XX END STATION OF CURB AND GUTTER REMOVAL AND REPLACEMENT
- CL R&R +XX CENTER STATION OF CURB AND GUTTER REMOVAL AND REPLACEMENT (UNDER 20 LINEAL FEET)

NOTE:

ALL SIDEWALK RAMPS WILL BE IN ACCORDANCE WITH THE HIGHWAY STANDARDS REFERENCED ON SHEET 2.

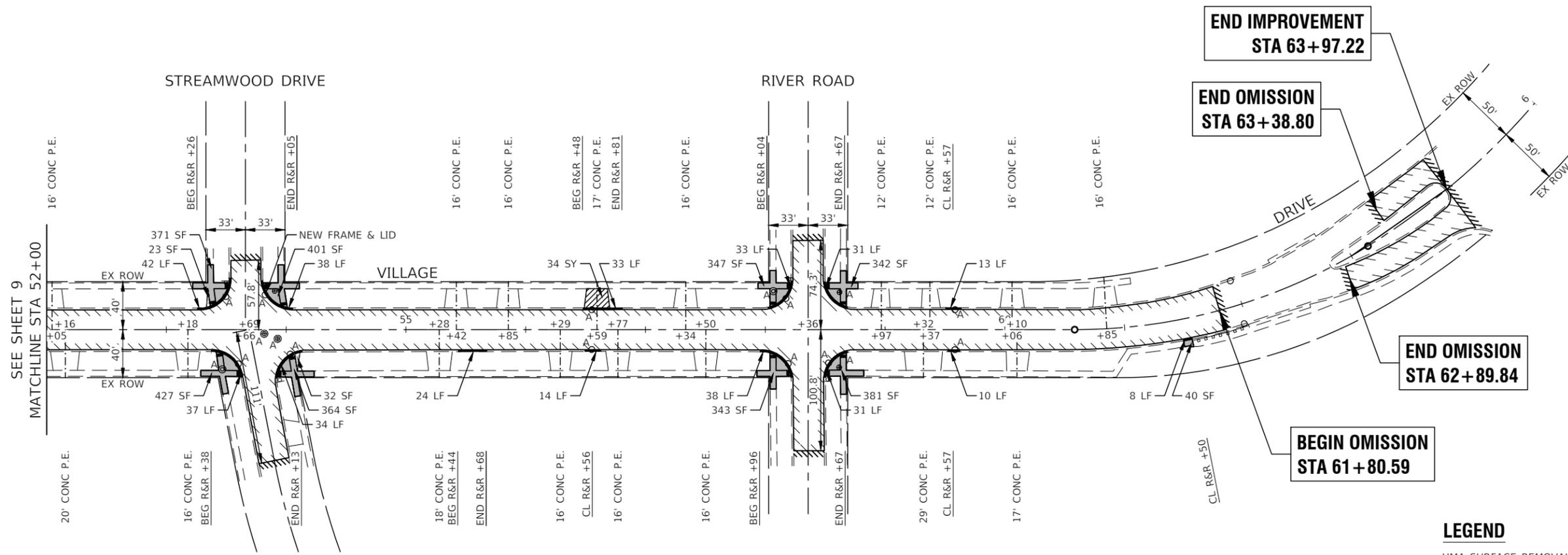
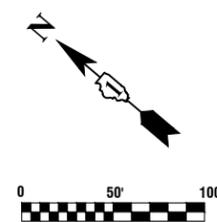
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 USER NAME =
 PLOT SCALE =
 PLOT DATE = 07-11-23

DESIGNED — CH	REVISD —
CHECKED — SDK	REVISD —
DRAWN — BG	REVISD —
CHECKED — AG	REVISD —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EDGEMATER DRIVE / VILLAGE DRIVE
ROADWAY RESURFACING
PROPOSED IMPROVEMENT PLAN
SCALE: 1"=50'
SHEET NO. 9 OF 19 SHEETS
STA. 10+35.98 TO STA. 52+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	23-00095-00-RS	COOK	19	9
CONTRACT NO. 61J72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 8RCG(039)				



LEGEND

- HMA SURFACE REMOVAL, 2 3/4" OR 3"
- HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1 1/2"
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1 1/2"
- SIDEWALK REMOVAL
- SIDEWALK REMOVAL
PORTLAND CEMENT CONCRETE SIDEWALK, 5" (7" THRU DRIVEWAYS)
AGGREGATE BASE COURSE, TYPE B, 4"
- CLASS D PATCHES, 6"
- DRIVEWAY PAVEMENT REMOVAL
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"
- DRIVEWAY PAVEMENT REMOVAL
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7"
- DETECTABLE WARNING
- CONCRETE CURB & COMBINATION CONCRETE CURB AND GUTTER
REMOVAL AND REPLACEMENT
- "A" STRUCTURE OR VALVE BOX TO BE ADJUSTED
- HMA SURFACE REMOVAL - BUTT JOINT
- BEG R&R +XX BEGIN STATION FOR CURB AND GUTTER REMOVAL AND
REPLACEMENT
- END R&R +XX END STATION OF CURB AND GUTTER REMOVAL AND
REPLACEMENT
- CL R&R +XX CENTER STATION OF CURB AND GUTTER REMOVAL AND
REPLACEMENT (UNDER 20 LINEAL FEET)

NOTE:

ALL SIDEWALK RAMPS WILL BE IN ACCORDANCE WITH THE HIGHWAY STANDARDS REFERENCED ON SHEET 2.

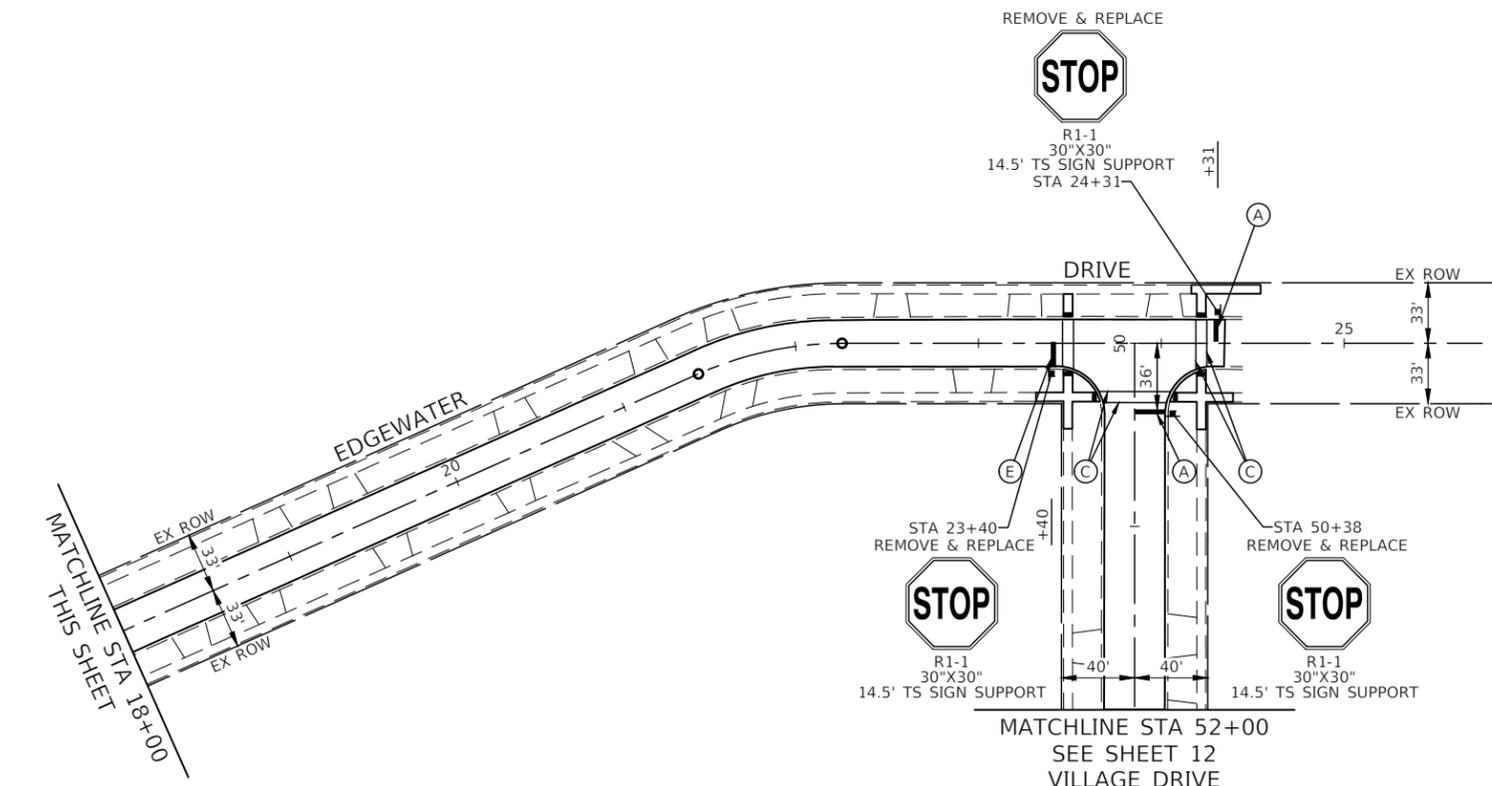
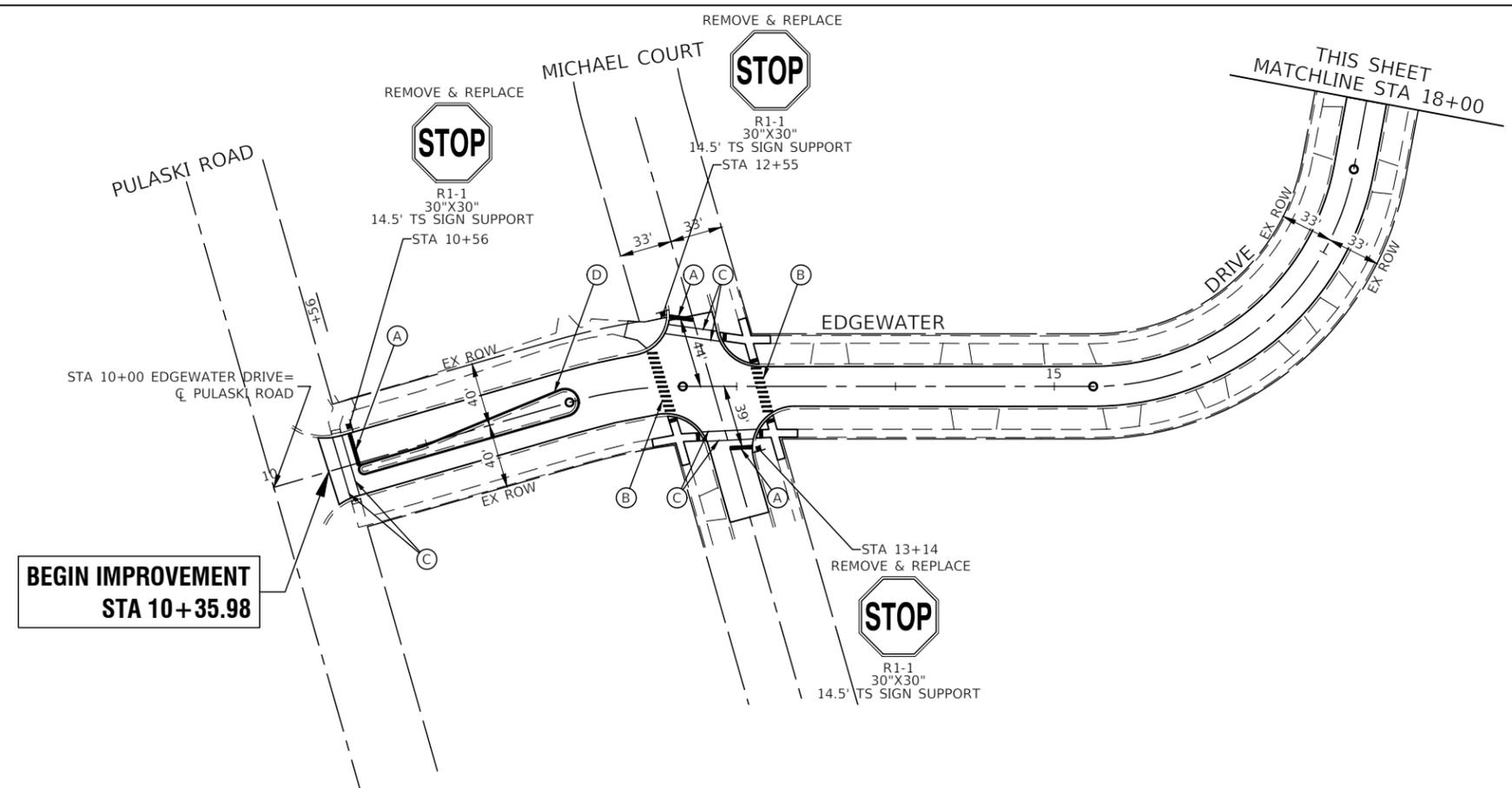
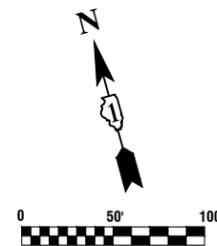
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	CHECKED -- SDK	REVISED --
PLOT SCALE =	DRAWN -- BG	REVISED --
PLOT DATE = 07-11-23	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EDGEWATER DRIVE / VILLAGE DRIVE ROADWAY RESURFACING PROPOSED IMPROVEMENT PLAN	
SCALE: 1"=50'	SHEET NO. 10 OF 19 SHEETS
STA. 52+00	TO STA. 63+97.22

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	23-00095-00-RS	COOK	19	10
CONTRACT NO. 61J72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 8RCG(039)				



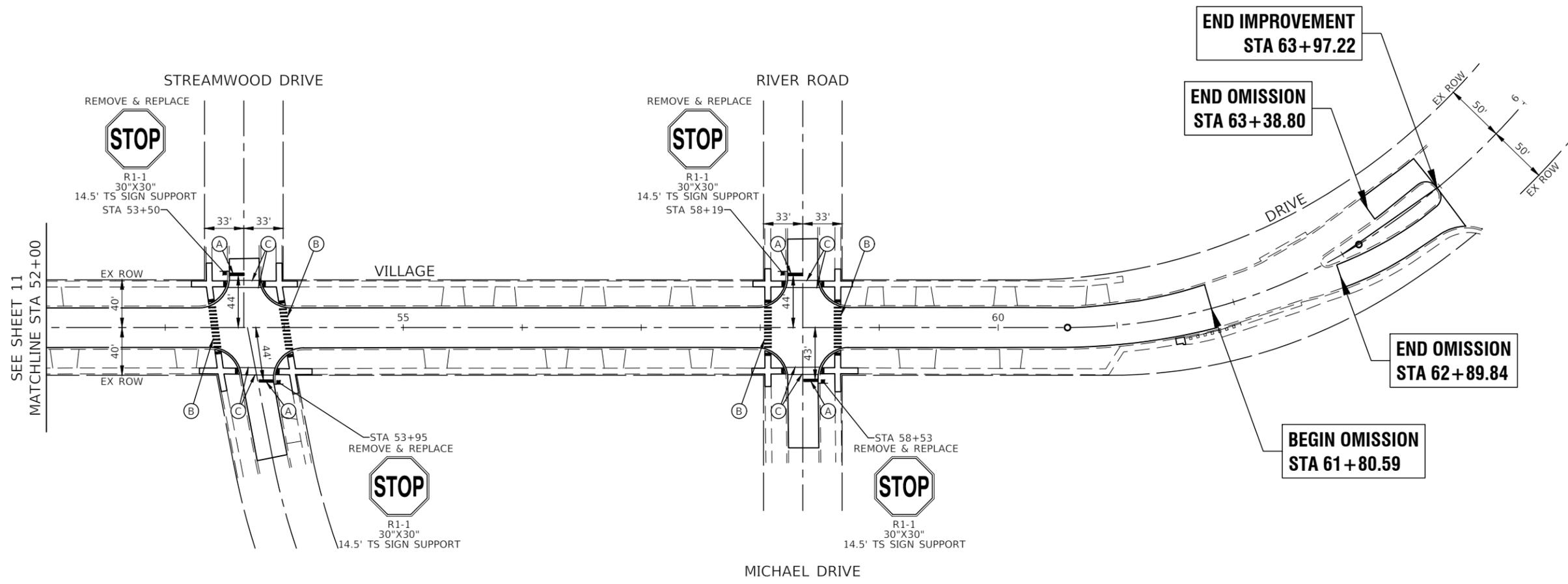
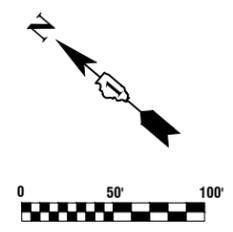
PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING - 24" LINE
WHITE STOP BAR LINE
- (B) THERMOPLASTIC PAVEMENT MARKING - 12" LINE
WHITE CROSS-WALK (3' C-C)
- (C) THERMOPLASTIC PAVEMENT MARKING - 6" LINE
WHITE CROSS-WALK (6' C-C)
- (D) THERMOPLASTIC PAVEMENT MARKING - 4" LINE
YELLOW LINE

NOTES

1. SEE TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKING FOR GUIDANCE.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SHOWN.

FILE NAME = 22R0763-PVMK-01 - P01	USER NAME =	DESIGNED -- CH	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EDGEWATER DRIVE / VILLAGE DRIVE ROADWAY RESURFACING PAVEMENT MARKING AND SIGNAGE PLAN			F.A. -- RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	CHECKED -- SDK	REVISOR --	REVISOR --		1681	23-00095-00-RS	COOK	19	11					
PLOT SCALE =	DRAWN -- BG	REVISOR --	REVISOR --	SCALE: 1"=50'			SHEET NO. 11 OF 19 SHEETS		STA. 10+35.98 TO STA. 50+00		CONTRACT NO. 61J72			
PLOT DATE = 07-11-23	CHECKED -- AG	REVISOR --	REVISOR --									FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT 8RCG(039)



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING - 24" LINE
WHITE STOP BAR LINE
- (B) THERMOPLASTIC PAVEMENT MARKING - 12" LINE
WHITE CROSS-WALK (3' C-C)
- (C) THERMOPLASTIC PAVEMENT MARKING - 6" LINE
WHITE CROSS-WALK (6' C-C)
- (D) THERMOPLASTIC PAVEMENT MARKING - 4" LINE
YELLOW LINE

NOTES

1. SEE TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKING FOR GUIDANCE.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SHOWN.

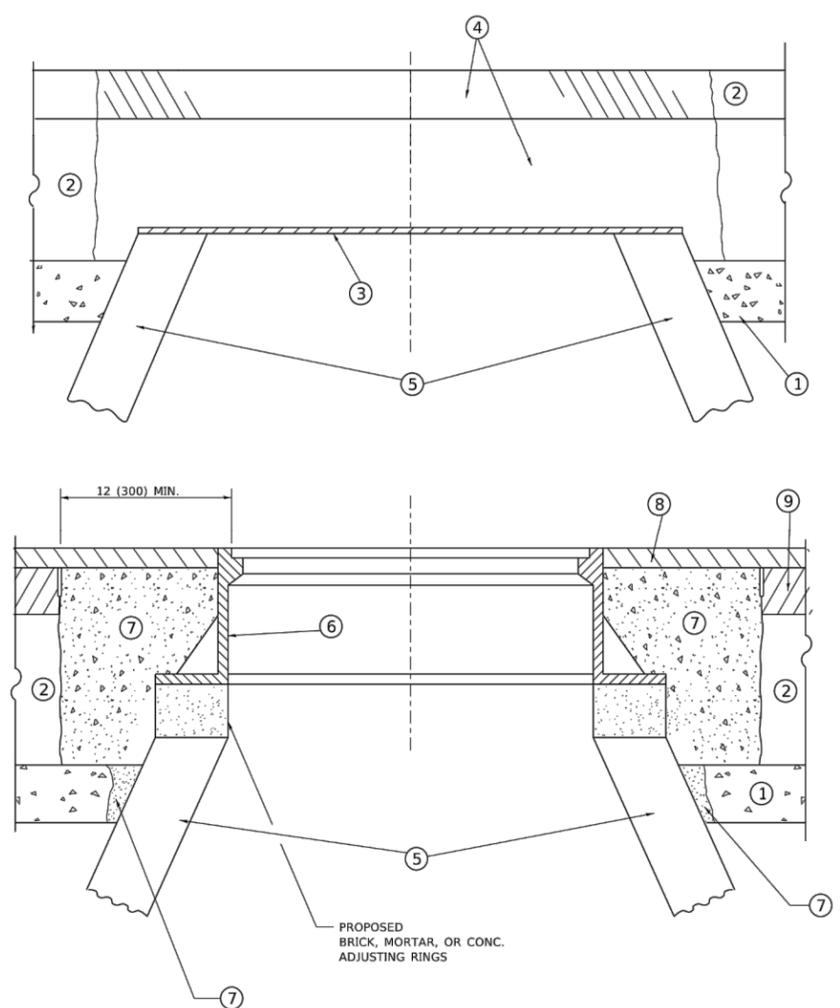
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USER NAME =	DESIGNED -- CH	REVISED --
	CHECKED -- SDK	REVISED --
PLOT SCALE =	DRAWN -- BG	REVISED --
PLOT DATE = 07-11-23	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EDgewater Drive / Village Drive ROADWAY RESURFACING PAVEMENT MARKING AND SIGNAGE PLAN	
SCALE: 1"=50'	SHEET NO. 12 OF 19 SHEETS
STA. 52+00	TO STA. 63+97.22

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	23-00095-00-RS	COOK	19	12
CONTRACT NO. 61J72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 8RCG(039)				



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

CONSTRUCTION PROCEDURES

- STAGE 1 (BEFORE PAVEMENT MILLING)**
- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
 - B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
 - C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
 - D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 1 1/2 (40) HMA TO REMAIN AFTER MILLING).
- STAGE 2 (AFTER PAVEMENT MILLING)**
- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
 - B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
 - C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS*PP-1 CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- * UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

- 1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
- 2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- 3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

NOTES

- 1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- 2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
- 3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- 4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 03-09-11		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	BD600-03 (BD-08)	CONTRACT NO.	
PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - R. BORO 12-06-11							ILLINOIS	FED. AID PROJECT	
		REVISED - K. SMITH 11-18-22									

FILE NAME = 22R0763-DTLS-01 - BD08	USER NAME =	DESIGNED --	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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		CHECKED --	REVISED --											

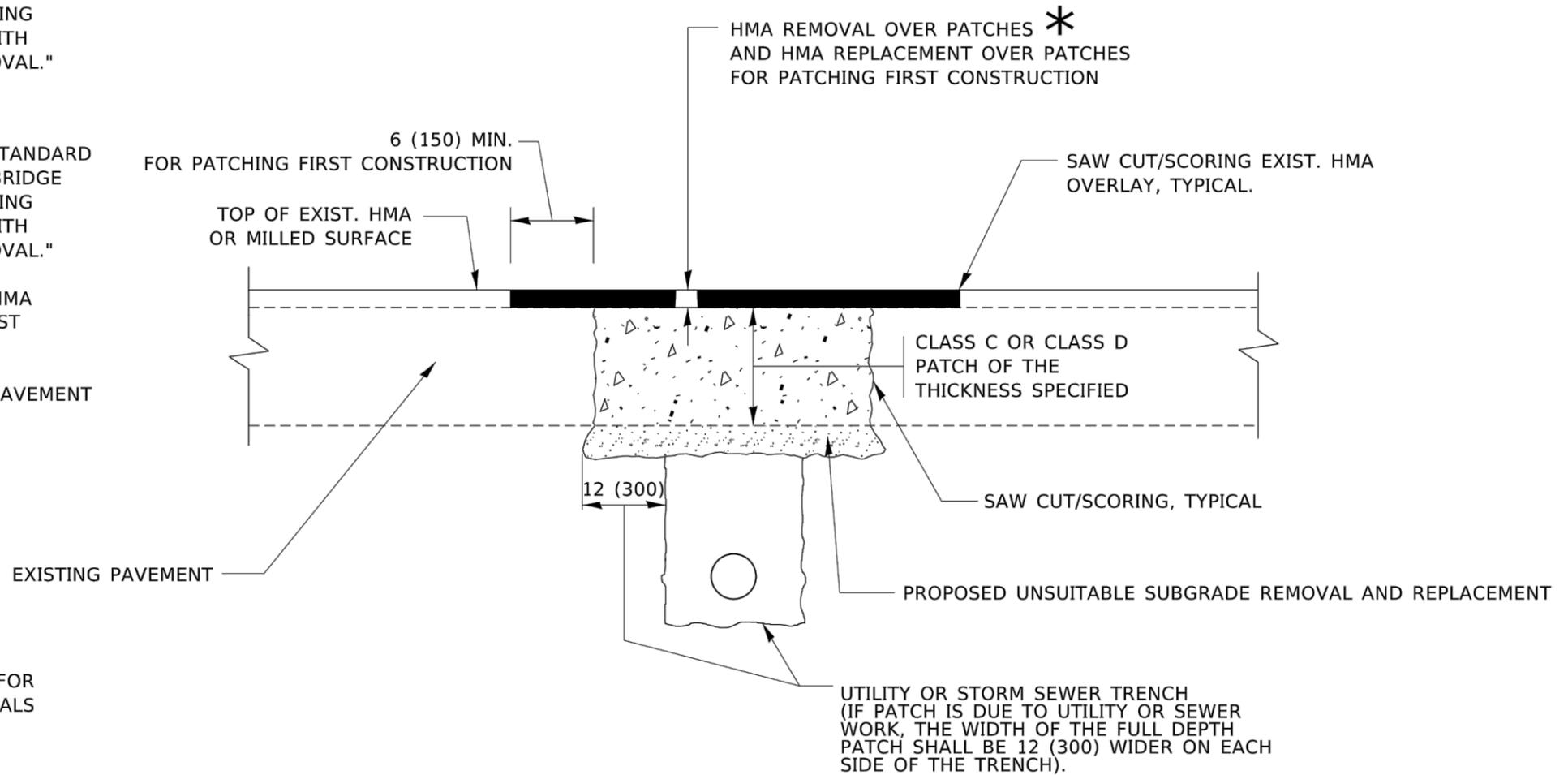
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METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

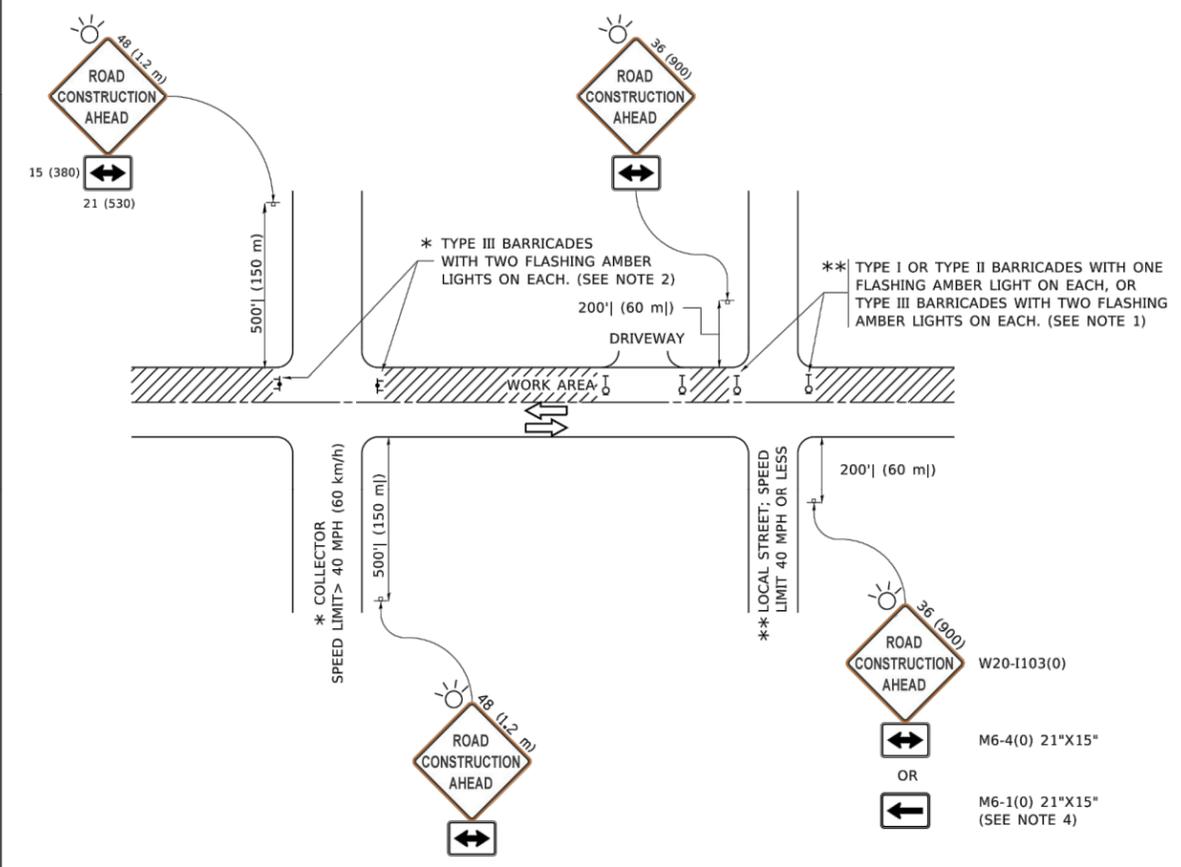
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. ENG 10-27-08			ILLINOIS FED. AID PROJECT						
		REVISED - K. SMITH 11-18-22									

FILE NAME = 22R0763-DTL5-01 - BD22	USER NAME =	DESIGNED --	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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	PLOT DATE =	CHECKED --	REVISED --									

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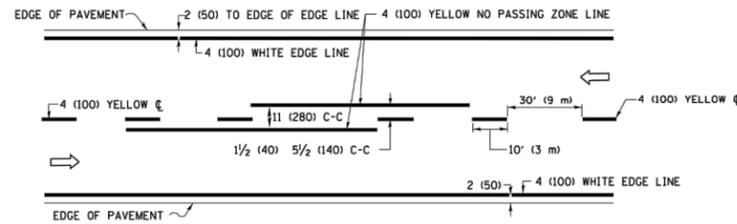
NOTES:

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. 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.

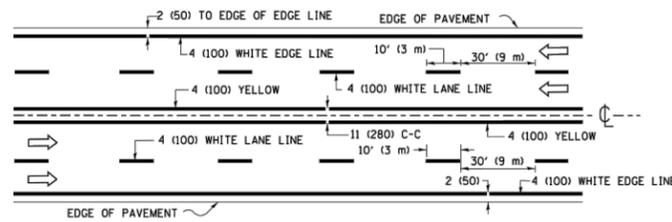
All dimensions are in inches (millimeters) unless otherwise shown.

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	DRAWN -	CHECKED -	REVISED - T. RAMMACHER 01-06-00			TC-10 CONTRACT NO.					
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13			ILLINOIS FED. AID PROJECT					
	PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16			SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.					

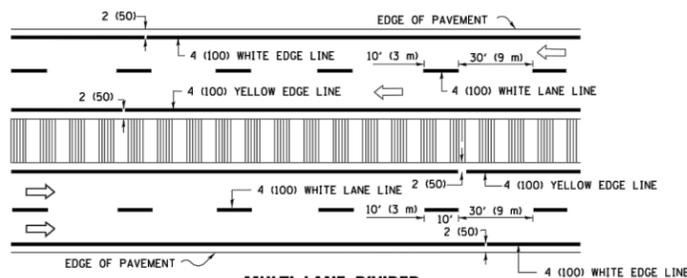
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	PLOT SCALE =	DRAWN --	REVISED --			CONTRACT NO. 61J72					
	PLOT DATE =	CHECKED --	REVISED --			SCALE: SHEET NO. 17 OF 19 SHEETS STA. TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 8RCG(039)					



2-LANE ROADWAY

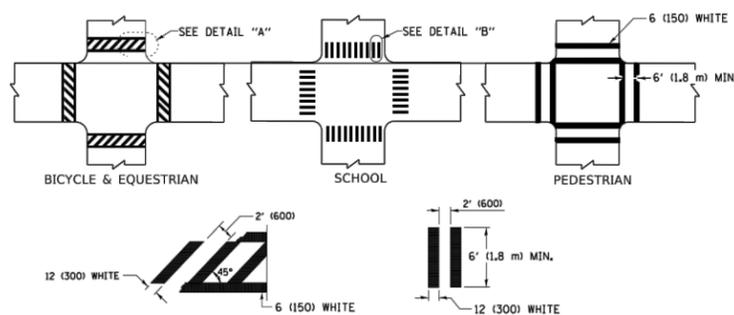


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

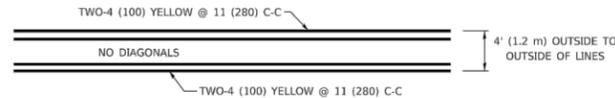


DETAIL "A"

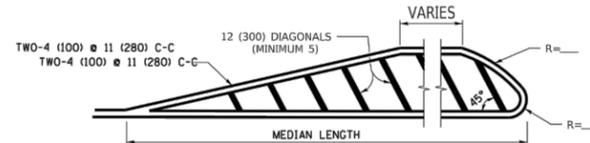
DETAIL "B"

TYPICAL CROSSWALK MARKING

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



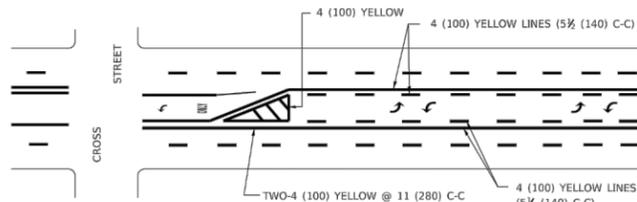
4' (1.2 m) WIDE MEDIANS ONLY



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))

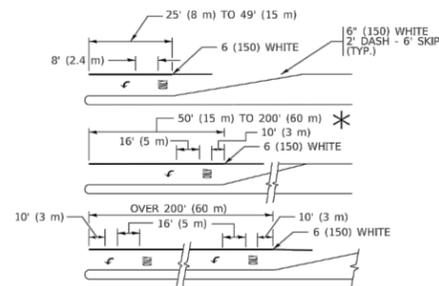
MEDIANS OVER 4' (1.2 m) WIDE



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

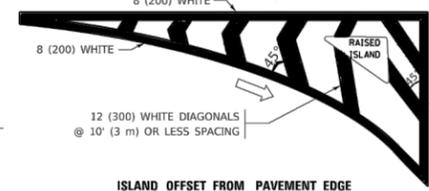
TYPICAL PAINTED MEDIAN MARKING



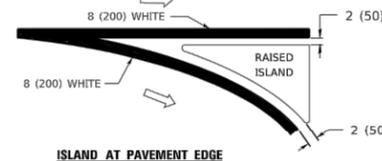
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

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".

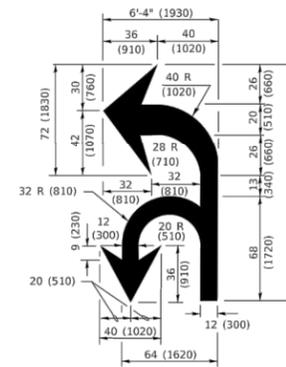


ISLAND OFFSET FROM PAVEMENT EDGE

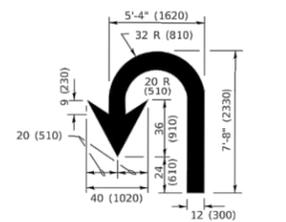


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

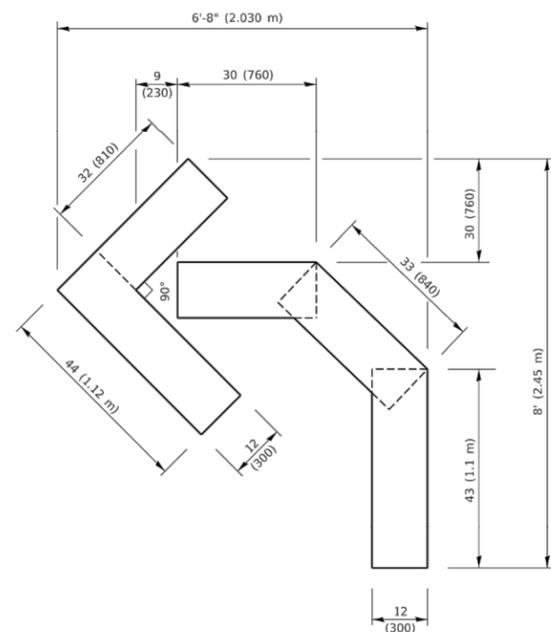
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (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; 5 1/2 (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 (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.

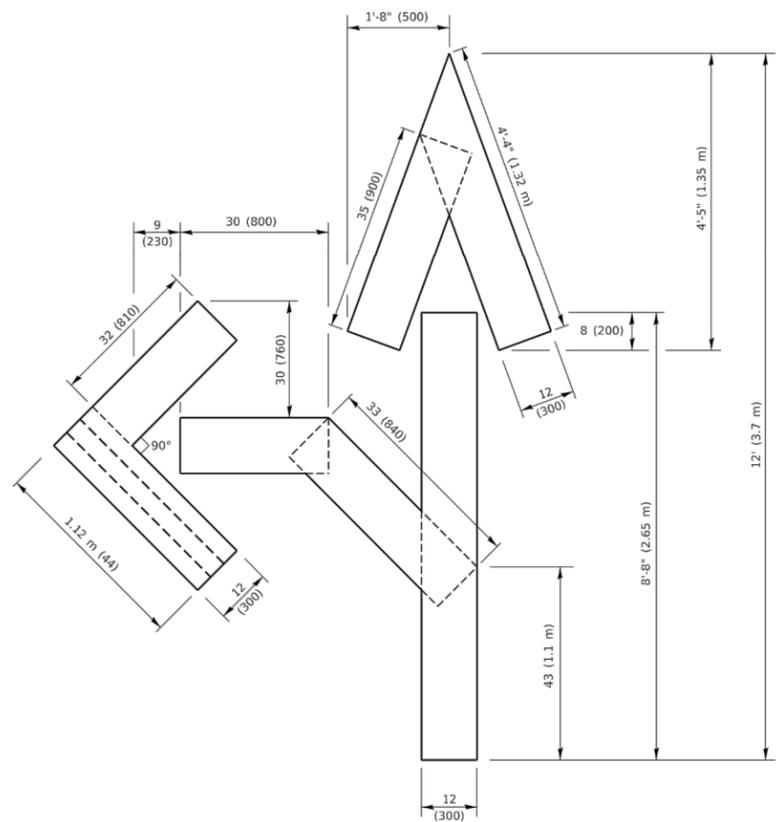
All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = foaternj	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.	
PLOT SCALE = 50.0000" / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13			TC-13 CONTRACT NO.					
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15								
		REVISED - C. JUCIUS 04-12-16			SCALE: NONE	SHEET 1 OF 2 SHEETS	STA. TO STA.	ILLINOIS	FED. AID PROJECT	

FILE NAME = 22R0763-DTLS-01 - TC13	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED -	REVISED -			1681 23-00095-00-RS COOK 19 18					
		DRAWN -	REVISED -								
		CHECKED -	REVISED -			SCALE:	SHEET NO. 18 OF 19 SHEETS	STA. TO STA.	ILLINOIS	FED. AID PROJECT	BRCG(039)

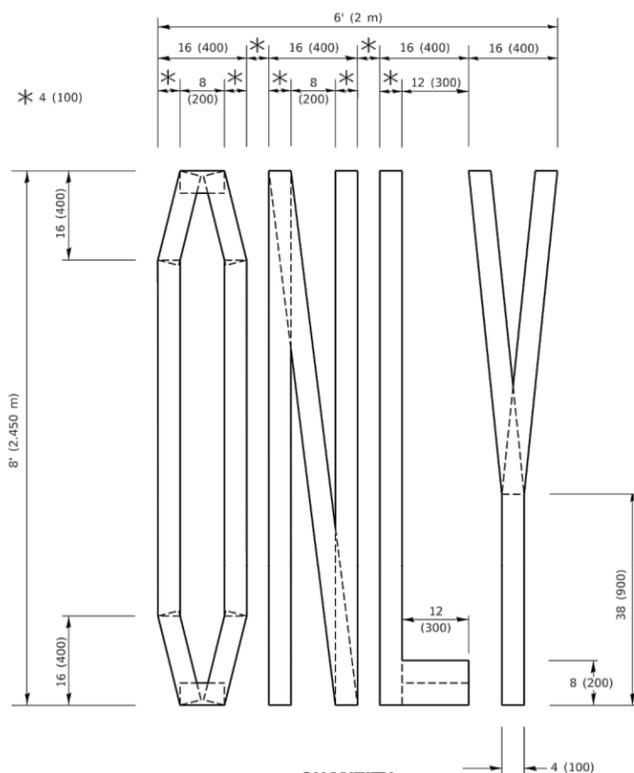


QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

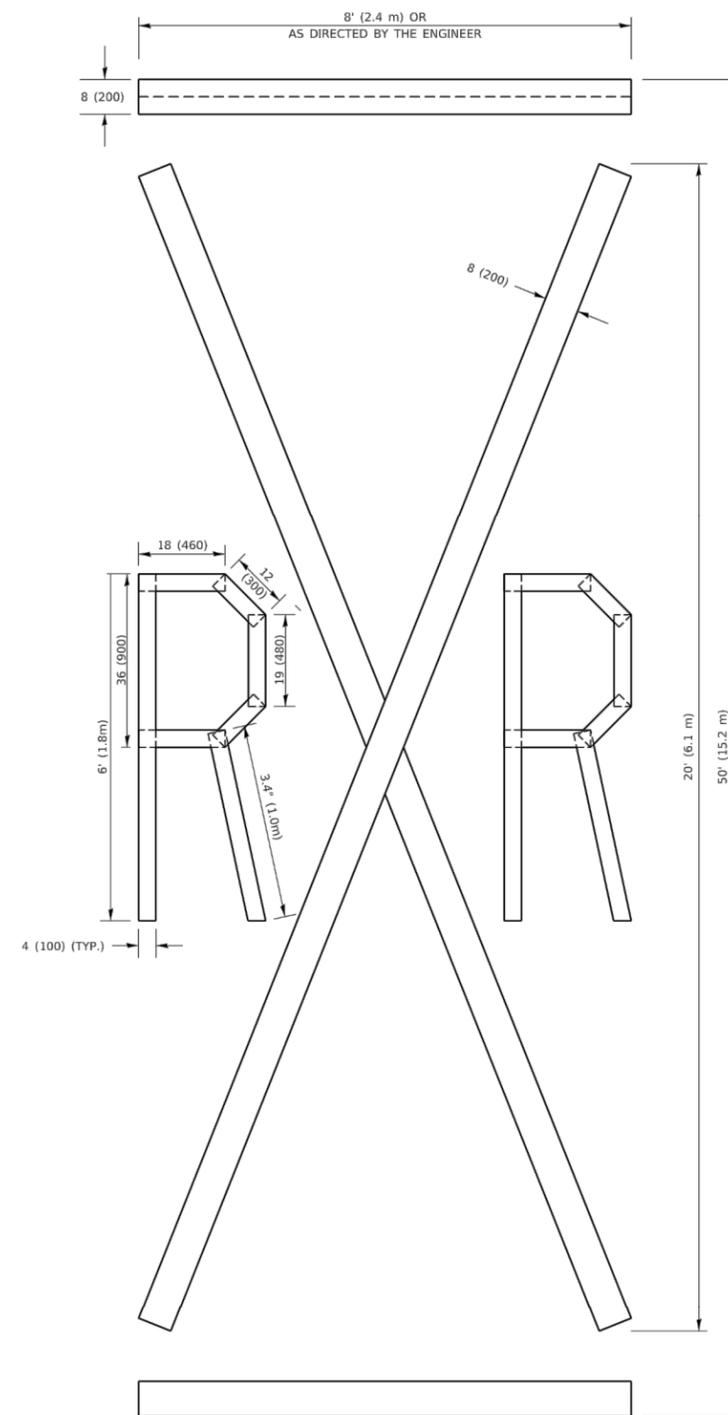


QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

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

FILE NAME: P:\ALU084E\BID\NTEG\Illinois\gov\PW\DOT\Documents\DOT\Offices\District 1\Projects\DSHS\23-00095-00-RS\CAD\Drawings\TC16.dgn

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
PLOT SCALE = 50.0068 ' / in.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-16			
ILLINOIS		FED. AID PROJECT		

FILE NAME = 22R0763-DTLS-01 - TC16

USER NAME =	DESIGNED --	REVISED --
	CHECKED --	REVISED --
PLOT SCALE =	DRAWN --	REVISED --
PLOT DATE =	CHECKED --	REVISED --

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DISTRICT 1 DETAILS

SCALE: SHEET NO. 19 OF 19 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1681	23-00095-00-RS	COOK	19	19
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT 8RCG(039)		