

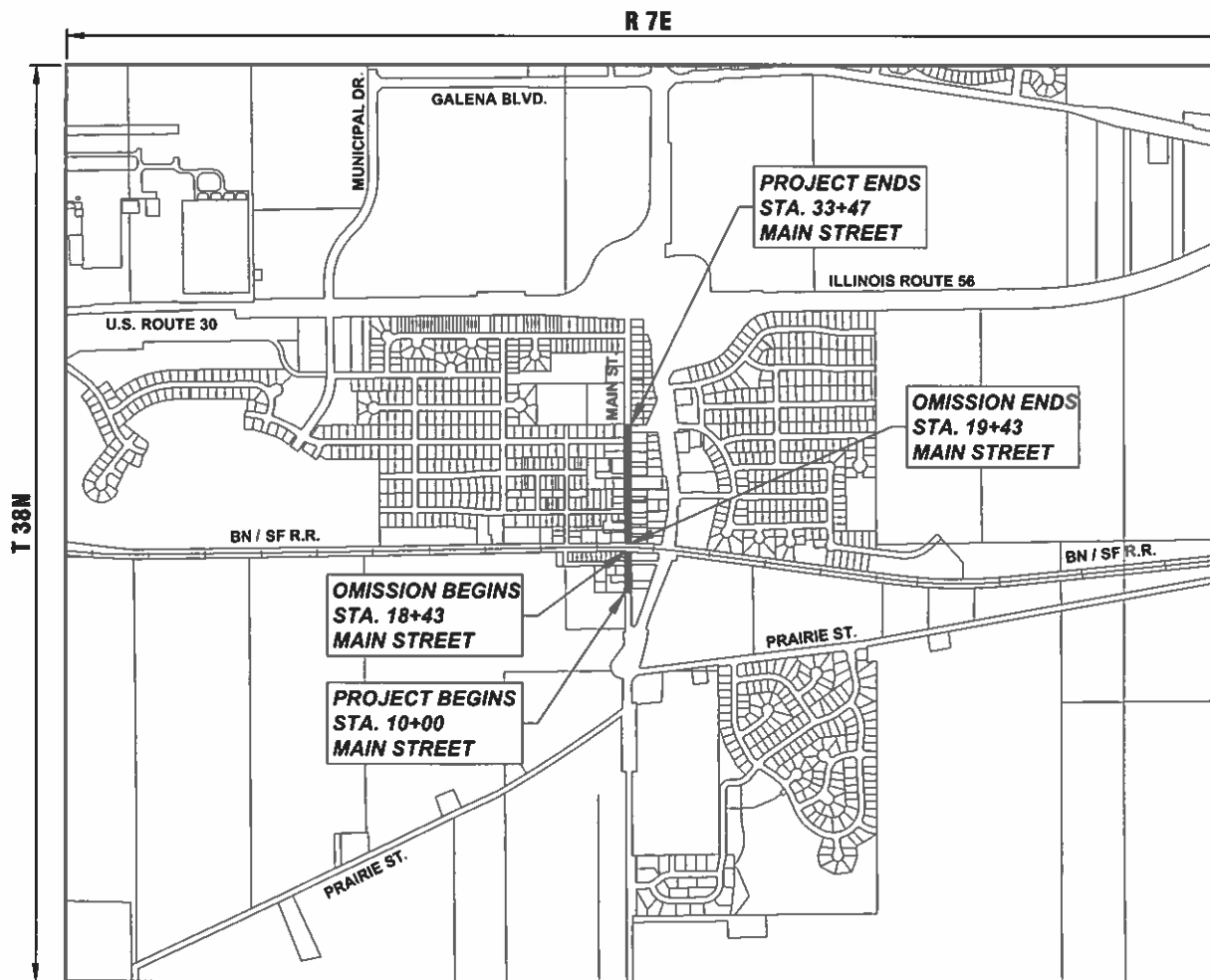
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3899	23-00034-00-RS	KANE	21	1
CONTRACT NO. 61K38				

FOR INDEX OF SHEETS, HIGHWAY STANDARDS, AND PR LEGEND SEE SHEET NO. 2

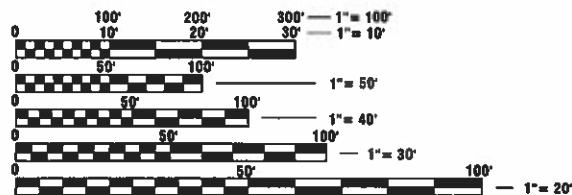
# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL-AID HIGHWAY

FAU 3899 (MAIN STREET)  
700' N. OF IL ROUTE 47 TO CROSS STREET  
ROADWAY RESURFACING  
SECTION 23-00034-00-RS  
PROJECT NUMBER: BLX9 (254)  
VILLAGE OF SUGAR GROVE  
KANE COUNTY  
JOB NO. C-91-096-24

MAIN STREET  
DESIGN DESIGNATION  
MAJOR COLLECTOR  
DESIGN SPEED = 35 M.P.H.  
POSTED SPEED = 30 M.P.H.  
ADT (2018) = 900 VPD



LOCATION MAP (SCALE 1" = 1000')  
SW 1/4 SECTION 2, T38N, R7E, SUGAR GROVE TOWNSHIP  
GROSS LENGTH OF PROJECT = 2,347 FEET (0.445 MILES)  
NET LENGTH OF PROJECT = 2,247 FEET (0.426 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.



CONTRACT NO. 61K38

FEDERAL AID PROGRAM ENGINEER, CARMEN E. RAMOS P.E., SCHAUMBURG IL

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED *Ann L. Schuber*  
*Brian L. Schuber* 5/1/24  
VILLAGE OF SUGAR GROVE, VILLAGE ENGINEER

PASSED *April 12, 2024*  
*C. F. Richter, JAF*  
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW *April 12, 2024*  
REGIONAL ENGINEER

DATE: 4/3/24  
*Chris J. Ott*  
CHRISTOPHER J. OTT

LICENSE EXPIRES: NOVEMBER 30, 2025

SHEETS: 1-21

Engineering Enterprises, Inc.  
CONSULTING ENGINEERS  
52 Wheeler Road  
Sugar Grove, Illinois 60554  
Phone: (630) 466-6700

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**GENERAL NOTES**

SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED JANUARY 1, 2022 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," ADOPTED JANUARY 1, 2024, THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS," SEVENTH EDITION, THE CODES AND ORDINANCES OF THE VILLAGE OF SUGAR GROVE, ILLINOIS, THE DETAILS IN THE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

NO SUBSTITUTIONS OR VARIANCES WILL BE PERMITTED TO ANY STANDARD NOTES OR ORDINANCES UNLESS APPROVED OTHERWISE IN WRITING PRIOR TO COMMENCING CONSTRUCTION ACTIVITY.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS CALLED FOR IN THE APPLICATION OF TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS AND THE PLANS

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE OWNER IF ANY UTILITY IMPROVEMENTS ARE REQUIRED WITHIN THE DURATION OF THE CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL EXISTING AND PROPOSED UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.

THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, FIELD TILES AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND NOT NECESSARY COMPLETE. THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.

UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR OPERATE ANY VALVES OR HYDRANTS.

STAKING

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, THE OWNER'S AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE FROM THE CENTERLINE AS SHOWN ON THE PLANS.

MISCELLANEOUS

THE THICKNESS OF ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE ASPHALT MIXTURES ARE TO BE PLACED.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS CONTRACT.

WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, THE CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION. IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.

THE ENGINEER IS NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF THEIR WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET AND DRIVEWAY ACCESS TO EACH ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL DISPOSE OF AND REMOVE FROM THE SITE EACH DAY ALL CURB AND GUTTER, PAVEMENT AND ALL OTHER EXCAVATED MATERIAL NOT FOR SALVAGE.

THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE RIGHT-OF-WAY OF ANY STREET AND/OR PARK PROPERTY SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER.

SIDEWALK REMOVAL AND REPLACEMENT AND COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT AS SHOWN ON THE PLANS IS FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATIONS AND QUANTITIES ARE TO BE DETERMINED AND MARKED BY THE ENGINEER PRIOR TO CONSTRUCTION.

ALL EXISTING SIGNS (INCLUDING THOSE LOCATED ON UTILITY/LIGHT POLES) THAT DO NOT CONFLICT WITH THE IMPROVEMENTS SHALL REMAIN IN PLACE UNLESS DIRECTED BY THE ENGINEER.

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.

**IDOT HIGHWAY STANDARDS**

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALK
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15'(4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701011-04	OFF-RD 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
701901-09	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS

**INDEX OF SHEETS**

1.	COVER SHEET
2.	INDEX OF SHEETS, DETAILS, HIGHWAY STANDARDS, AND GENERAL NOTES
3-6	SUMMARY OF QUANTITIES
7-8	TYPICAL SECTIONS
9	SIGNING SCHEDULE
10-12	RESURFACING PLAN
13	VILLAGE DETAILS
14-21	IDOT DISTRICT 1 DETAILS

**SHEET. NO. IDOT DISTRICT ONE STD. DETAILS**

14.	(BD-08) FRAMES AND LIDS ADJUSTMENT WITH MILLING
15.	(BD-22) PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
16.	(BD-24) CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
17.	(BD-32) BUTT JOINT AND HMA TAPER DETAILS
18.	(TC-10) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
19.	(TC-13) TYPICAL PAVEMENT MARKINGS
20.	(TC-16) SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
21.	(TC-22) ARTERIAL ROAD INFORMATION SIGN

**SUPPLEMENTAL LEGEND**

	PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT
	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
	HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
	COMB CONC C&G REMOVAL AND REPLACEMENT
	DRIVEWAY PAVEMENT REMOVAL
	SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	AGGREGATE WEDGE SHOULDER, TYPE B

Plotted: April 3, 2024 @ 3:46 PM By: Kris Pung - Model Name: 02 Index - 22x34

FILE NAME = H:\SDSKPROJ\SC\_SUGAR GROVE\2023\SG2209\DWG FINAL ENG\SG2209-COVER

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**CONSULTING ENGINEERS**  
 52 Wheeler Road  
 Sugar Grove, Illinois 60554  
 630.466.6700 / www.eetweb.com

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, HIGHWAY STANDARDS,  
LEGEND AND INDEX OF SHEETS**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3899	23-00034-00-R5	KANE	21	2
CONTRACT NO.			6IK38	
ILLINOIS FED. AID PROJECT				


PATH: H:\SDSKPROJ\SC\_SUGAR GROVE\2023\SG2209\DWG FINAL ENG\SG2209-COVER

Plotfile: April 3, 2024 @ 3:46 PM By: Kris Pung - Model Name: 03 800 - 22x4

FILE NAME = H:\SUSPROD\30-SUGAR GROVE\2023\202309\DWG FINAL ENG\02309-COVER

CODE NUMBER	ITEM DESCRIPTION	UNIT	ROADWAY 75% FEDERAL 25% LOCAL 0005
20800150	TRENCH BACKFILL	CU YD	11
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	630
21400100	GRADING AND SHAPING DITCHES	FOOT	180
25200110	SODDING, SALT TOLERANT	SQ YD	630
25200200	SUPPLEMENTAL WATERING	UNIT	10
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	15
28000510	INLET FILTERS	EACH	16
35101400	AGGREGATE BASE COURSE, TYPE B	TON	17
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,305
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	5
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	112
40602978	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	665
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	665
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4,970
42400800	DETECTABLE WARNINGS	SQ FT	135

Δ INDICATES SPECIALTY ITEM

	Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 830.466.6700 / www.eeiweb.com	USER NAME = Kris Pung	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.U. RTE. 3899	SECTION 23-00034-00-RS	COUNTY KANE	TOTAL SHEETS 21	SHEET NO. 3	
	PLOT SCALE =	CHECKED -	REVISED -	REVISED -		SCALE: N.T.S.	SHEET 1	OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = April 3, 2024 @ 3:46 PM	DATE -	REVISED -	REVISED -								CONTRACT NO.	61K38	

FILE NAME = H:\SUSPROD\30-SUGAR GROVE\2023\202309\DWG FINAL ENG\02309-COVER

Plotted: April 3, 2024 @ 3:46 PM By: Kris Pung - Model Name: 04 S00 - 2234

FILE NAME = H:\SDS\PROJ\SG\_SUGAR GROVE\2023\502309\DWG\_FINAL\502309-COVER

CODE NUMBER	ITEM DESCRIPTION	UNIT	ROADWAY 75% FEDERAL 25% LOCAL 0005
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	7,860
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	50
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	580
44000600	SIDEWALK REMOVAL	SQ FT	5,060
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	40
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	80
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	30
50105220	PIPE CULVERT REMOVAL	FOOT	128
542A0217	PIPE CULVERTS, CLASS A, TYPE 1, 12"	FOOT	128
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 12"	EACH	8
60255500	MANHOLES TO BE ADJUSTED	EACH	14
60260100	INLETS TO BE ADJUSTED	EACH	14
60266600	VALVE BOXES TO BE ADJUSTED	EACH	3
60404300	FRAME AND GRATES, TYPE 3	EACH	12
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	585

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PLOT DATE = April 3, 2024 @ 3:46 PM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 3899	SECTION 23-00034-00-RS	COUNTY KANE	TOTAL SHEETS 21	SHEET NO. 4
CONTRACT NO. 6K38			ILLINOIS FED. AID PROJECT	

FILE NAME = H:\SDS\PROJ\SG\_SUGAR GROVE\2023\502309\DWG\_FINAL\502309-COVER

Plotted: April 3, 2024 @ 3:46 PM By: Kris Pung - Model Name: DS 50Q - 22x34

FILE NAME = H:\SD\KPRD\1\SC\_SUGAR GROVE\2023\622309\DWG\_FINAL ENG\622309-COVER

	CODE NUMBER	ITEM DESCRIPTION	UNIT	ROADWAY 75% FEDERAL 25% LOCAL 0005
Δ	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	11
Δ	66900530	SOIL DISPOSAL ANALYSIS	EACH	1
Δ	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
Δ	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
Δ	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	3
	67100100	MOBILIZATION	L SUM	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	1125
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	375
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	1125
Δ	72000100	SIGN PANEL - TYPE 1	SQ FT	131.5
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	3
	72400310	REMOVE SIGN PANEL, TYPE 1	SQ FT	53

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 3899	SECTION 23-00034-00-RS	COUNTY KANE	TOTAL SHEETS 21	SHEET NO. 5
CONTRACT NO. 6K38			ILLINOIS FED. AID PROJECT	

FILE NAME = H:\SD\KPRD\1\SC\_SUGAR GROVE\2023\622309\DWG\_FINAL ENG\622309-COVER

Plotter: April 3, 2024 @ 3:46 PM By: Kris Pung - Model Name: 06 S00 - 2234

FILE NAME = H:\SUSPROJ\SS\_SUGAR GROVE\2023\202309\DWG\_FINAL\_ENG\22309-COVER

	CODE NUMBER	ITEM DESCRIPTION	UNIT	ROADWAY 75% FEDERAL 25% LOCAL 0005
Δ	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	75
Δ	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	132
Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7,044
Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	95
Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	550
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	135
	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	1
	XX003435	PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	20
	XX006947	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	876
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51.4
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1

Δ INDICATES SPECIALTY ITEM

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REVISED -  
DATE -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

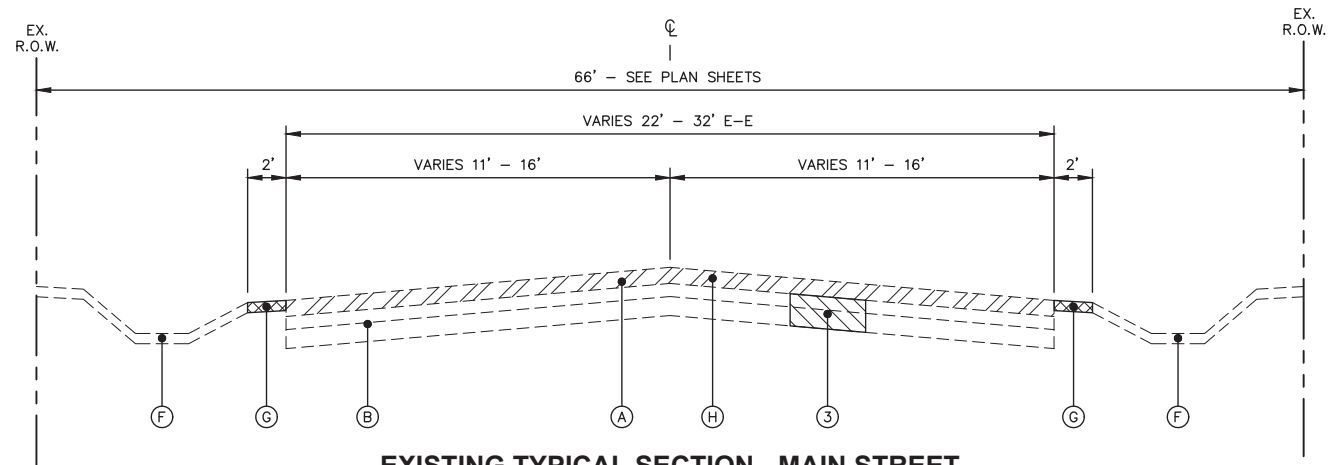
**SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET 4 OF 4 SHEETS STA. TO STA.

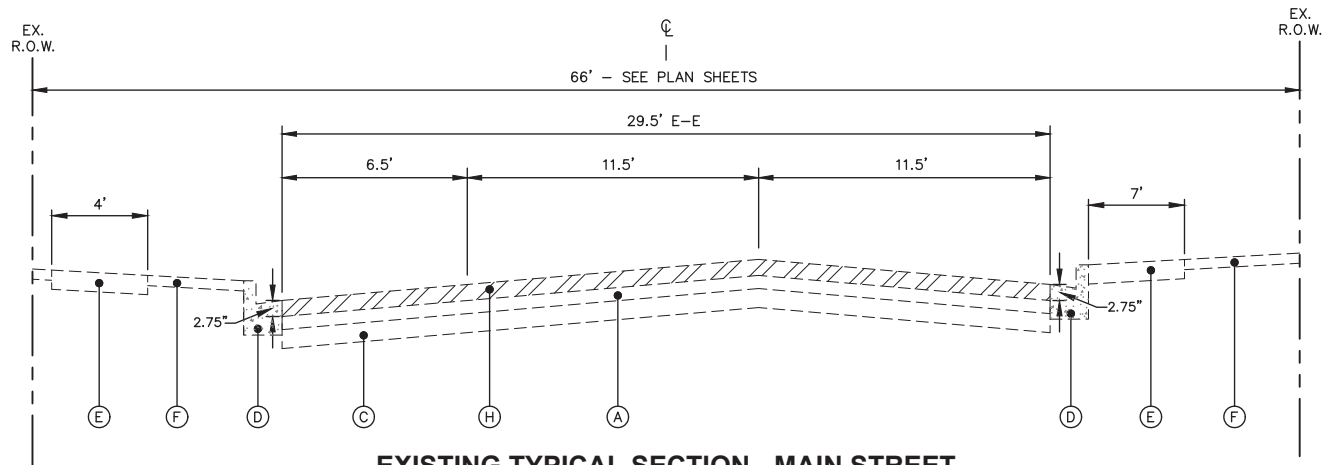
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3899	23-00034-00-RS	KANE	21	6
CONTRACT NO. 6IK38			ILLINOIS FED. AID PROJECT	

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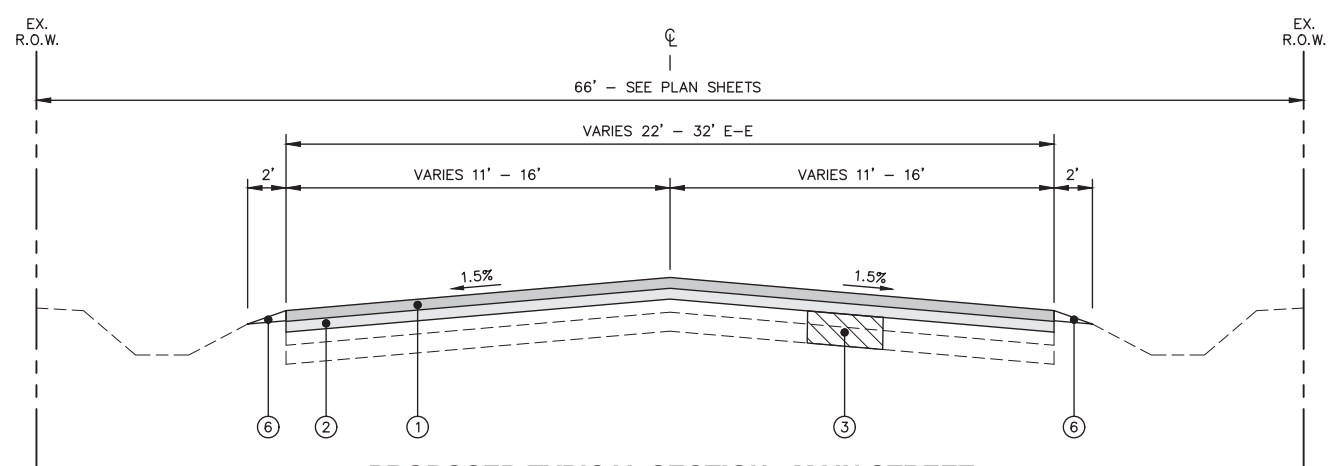
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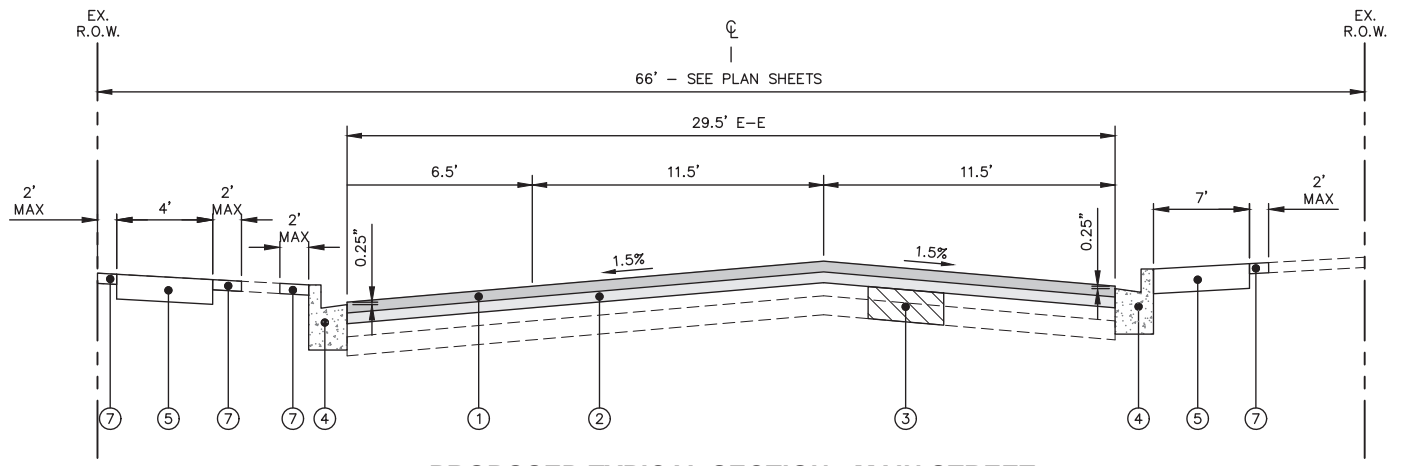
**EXISTING TYPICAL SECTION - MAIN STREET**  
STA 10+00 TO STA 18+43



**EXISTING TYPICAL SECTION - MAIN STREET**  
STA 19+43 TO STA 32+00



**PROPOSED TYPICAL SECTION - MAIN STREET**  
STA 10+00 TO STA 18+43



**PROPOSED TYPICAL SECTION - MAIN STREET**  
STA 19+43 TO STA 32+00

EXISTING LEGEND	
(A)	EXISTING HOT-MIX ASPHALT PAVEMENT (4.25" - 11")
(B)	EXISTING CONCRETE BASE COURSE (0" - 6")
(C)	EXISTING AGGREGATE BASE COURSE (0" - 7")
(D)	EXISTING COMBINATION CONCRETE CURB & GUTTER. B6.24
(E)	EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
(F)	EXISTING PARKWAY
(G)	EXISTING AGGREGATE SHOULDER
(H)	HOT-MIX ASPHALT SURFACE REMOVAL, 3"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
OPERATION	MIXTURE TYPE	AIR VOIDS @ NDES	QMP
PAVEMENT RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"	4% @ 50 GYR.	LR1030-2
	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5"	4% @ 50 GYR.	LR1030-2
CLASS D PATCHES	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"	4% @ 70 GYR.	LR1030-2
HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 GYR.	LR1030-2

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2.

THE UNIT WEIGHT 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.

PROPOSED LEGEND	
(1)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"
(2)	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5"
(3)	CLASS D PATCH, 8" (LOCATIONS TO BE DETERMINED BY ENGINEER)
(4)	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPOT REMOVAL AND REPLACEMENT AS DIRECTED BY THE ENGINEER)
(5)	SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5" (SPOT LOCATIONS AS DIRECTED BY ENGINEER)
(6)	AGGREGATE WEDGE SHOULDER, TYPE B
(7)	TOPSOIL AND SODDING, SALT TOLERANT

**NOTES:**  
THE PATCHING QUANTITIES HAVE BEEN ESTIMATED BASED ON FIELD OBSERVATIONS DURING DESIGN. ACTUAL QUANTITIES TO BE DETERMINED DURING CONSTRUCTION.

NO PROPOSED WORK WILL TAKE PLACE OUTSIDE OF THE R.O.W.

STA 18+43 TO STA 19+43 IS OMITTED FOR BNSF R.O.W.



Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eetweb.com	USER NAME = Kris Pung	DESIGNED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE = April 3, 2024 @ 3:47 PM	CHECKED -	REVISED -
		DATE -	REVISED -

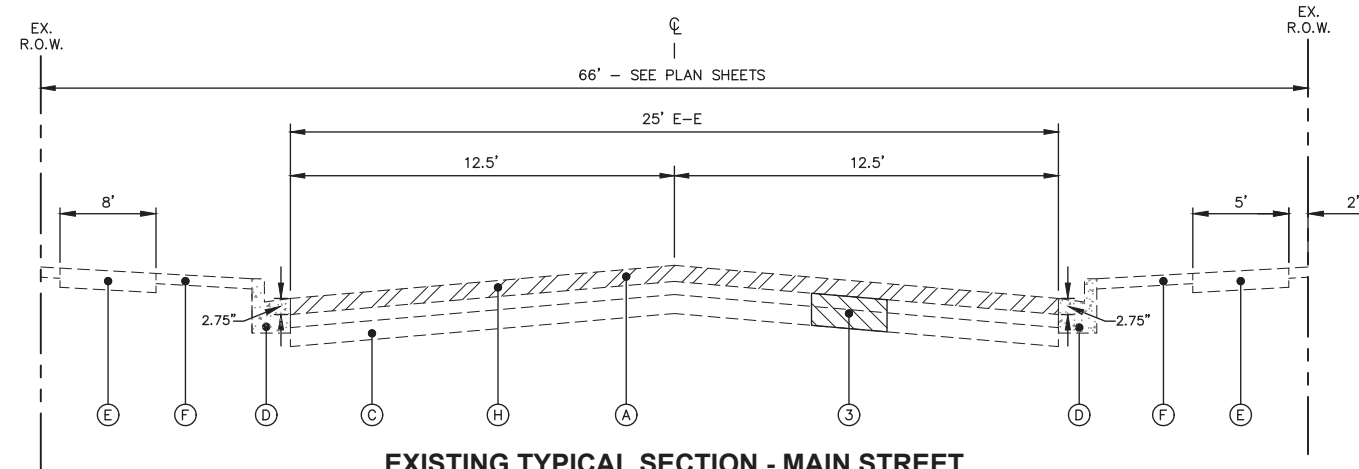
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTIONS</b>	
SCALE: N.T.S.	SHEET 1 OF 2 SHEETS
STA.	TO STA.

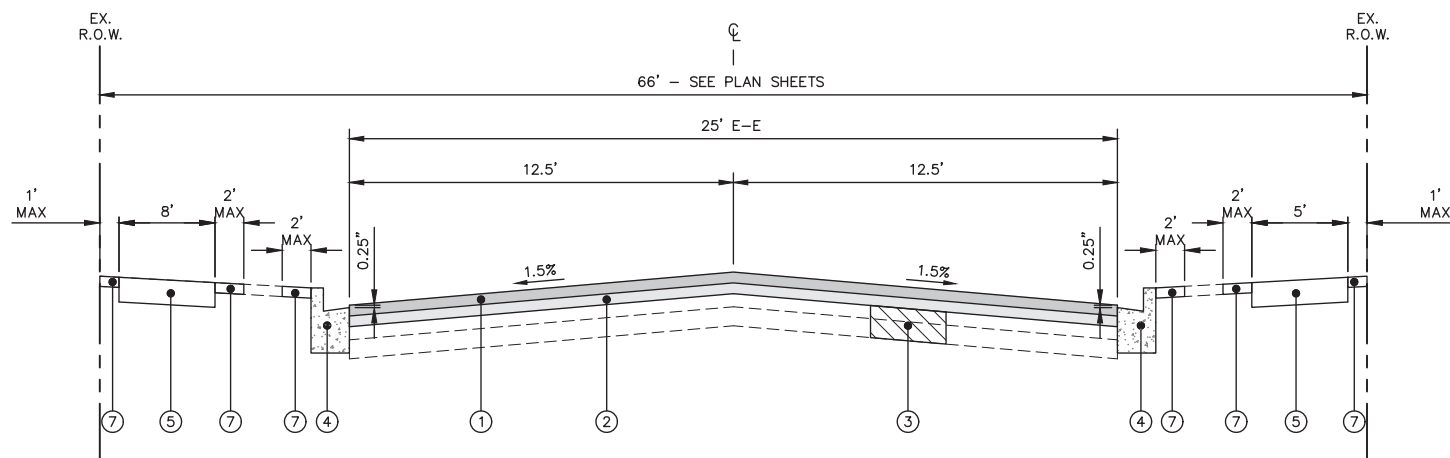
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3899	23-00034-00-R5	KANE	21	7
CONTRACT NO. 61K38			ILLINOIS FED. AID PROJECT	

Plotted: April 3, 2024 @ 3:47 PM By: Kris Pung - Model Name: 08 TypSection - 22x34

FILE NAME = H:\SDSKPROJ\SC\_SUGAR GROVE\2023\SG2309\DWG\_FINAL\ENG\SG2309-COVER



**EXISTING TYPICAL SECTION - MAIN STREET**  
STA 32+00 TO STA 33+47



**PROPOSED TYPICAL SECTION - MAIN STREET**  
STA 32+00 TO STA 33+47

**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT (4.25" - 11")
- (B) EXISTING CONCRETE BASE COURSE (0" - 6")
- (C) EXISTING AGGREGATE BASE COURSE (0" - 7")
- (D) EXISTING COMBINATION CONCRETE CURB & GUTTER. B6.24
- (E) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- (F) EXISTING PARKWAY
- (G) EXISTING AGGREGATE SHOULDER
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 3"

**PROPOSED LEGEND**

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5"
- (3) CLASS D PATCH, 8" (LOCATIONS TO BE DETERMINED BY ENGINEER)
- (4) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPOT REMOVAL AND REPLACEMENT AS DIRECTED BY THE ENGINEER)
- (5) SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5" (SPOT LOCATIONS AS DIRECTED BY ENGINEER)
- (6) AGGREGATE WEDGE SHOULDER, TYPE B
- (7) TOPSOIL AND SODDING, SALT TOLERANT

**NOTES:**  
THE PATCHING QUANTITIES HAVE BEEN ESTIMATED BASED ON FIELD OBSERVATIONS DURING DESIGN. ACTUAL QUANTITIES TO BE DETERMINED DURING CONSTRUCTION.

NO PROPOSED WORK WILL TAKE PLACE OUTSIDE OF THE R.O.W.  
STA 18+43 TO STA 19+43 IS OMITTED FOR BNSF R.O.W.

**Engineering Enterprises, Inc.**  
CONSULTING ENGINEERS  
52 Wheeler Road  
Sugar Grove, Illinois 60554  
630.466.6700 / www.eetweb.com

USER NAME = Kris Pung	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = April 3, 2024 @ 3:47 PM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3899	23-00034-00-R5	KANE	21	8
CONTRACT NO. 6IK38			ILLINOIS FED. AID PROJECT	



Plotted: April 3, 2024 @ 3:47 PM By: Kris Pung - Model Name: 09 Sign Schedule - 22x34

FILE NAME = H:\SDSKPROJ\SC\_SUGAR GROVE\2023\SG2309\DWG FINAL ENG\SG2309-COVER

Main Street									
Signing Schedule									
Station	O/S	Sign Dimensions	72000100 SIGN PANEL - TYPE 1	72400100 REMOVE SIGN PANEL ASSEMBLY - TYPE A	72400200 REMOVE SIGN PANEL ASSEMBLY - TYPE B	72400310 REMOVE SIGN PANEL, TYPE 1	72800100 TELESCOPING STEEL SIGN SUPPORT	MUTCD Designation	Description
			(Sq Ft)	(Each)	(Each)	(Sq Ft)	(Ft)		
14+50	15' RT	36"x36", 30"x24"	14	0	1	0	15	W10-1, W10-9P	Grade Crossing Advance Warning, No Train Horn Plaque
20+00	25' RT	24"x24"	4	0	0	4	0	R8-3	No Parking
20+65	25' RT	36"x36", 24"x12"	11	1	0	0	15	S1-1, W16-9P	School Crossing, Ahead
21+15	25' LT	12"x18"	1.5	0	0	0	15	R7-8	Handicap Parking
22+50	16' LT	36"X36", 30"X24"	14	0	1	0	15	W10-1, W10-9P	Grade Crossing Advance Warning, No Train Horn Plaque
22+75	25' RT	36"x36", 24"x12"	11	0	0	6.25	0	S1-1, W16-7P	School Crossing, Diagonal Arrow
23+14	16' LT	36"x36", 24"x12"	11	0	0	6.25	0	S1-1, W16-7P	School Crossing, Diagonal Arrow
24+30	25' RT	24"x24"	4	0	0	4	0	R8-3	No Parking
24+75	17' LT	36"x36", 24"x12"	11	0	1	0	15	S1-1, W16-9P	School Crossing, Ahead
26+00	25' RT	36"x36", 24"x12"	11	0	0	6.25	0	S1-1, W16-9P	School Crossing, Ahead
27+95	25' RT	24"x48", 24"x24"	12	0	0	8	0	S4-I100, R2-6	School Zone Speed Limit (20 MPH), Fines Higher Plaque
30+25	25' RT	36"x36", 24"x12", 24"x24"	15	0	0	10.25	0	S1-1, W16-7P, R8-3	School Crossing, Diagonal Arrow, No Parking
33+25	15' RT	24"x48", 24"x24"	12	0	0	8	0	S4-I100, R2-6	School Zone Speed Limit (20 MPH), Fines Higher Plaque
<b>Total:</b>			131.5	1	3	53	75		

**Engineering Enterprises, Inc.**  
**CONSULTING ENGINEERS**  
 52 Wheeler Road  
 Sugar Grove, Illinois 60554  
 630.466.6700 / www.eetweb.com

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PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = April 3, 2024 @ 3:47 PM	CHECKED -	REVISED -
	DATE -	REVISED -

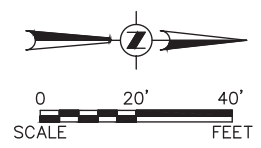
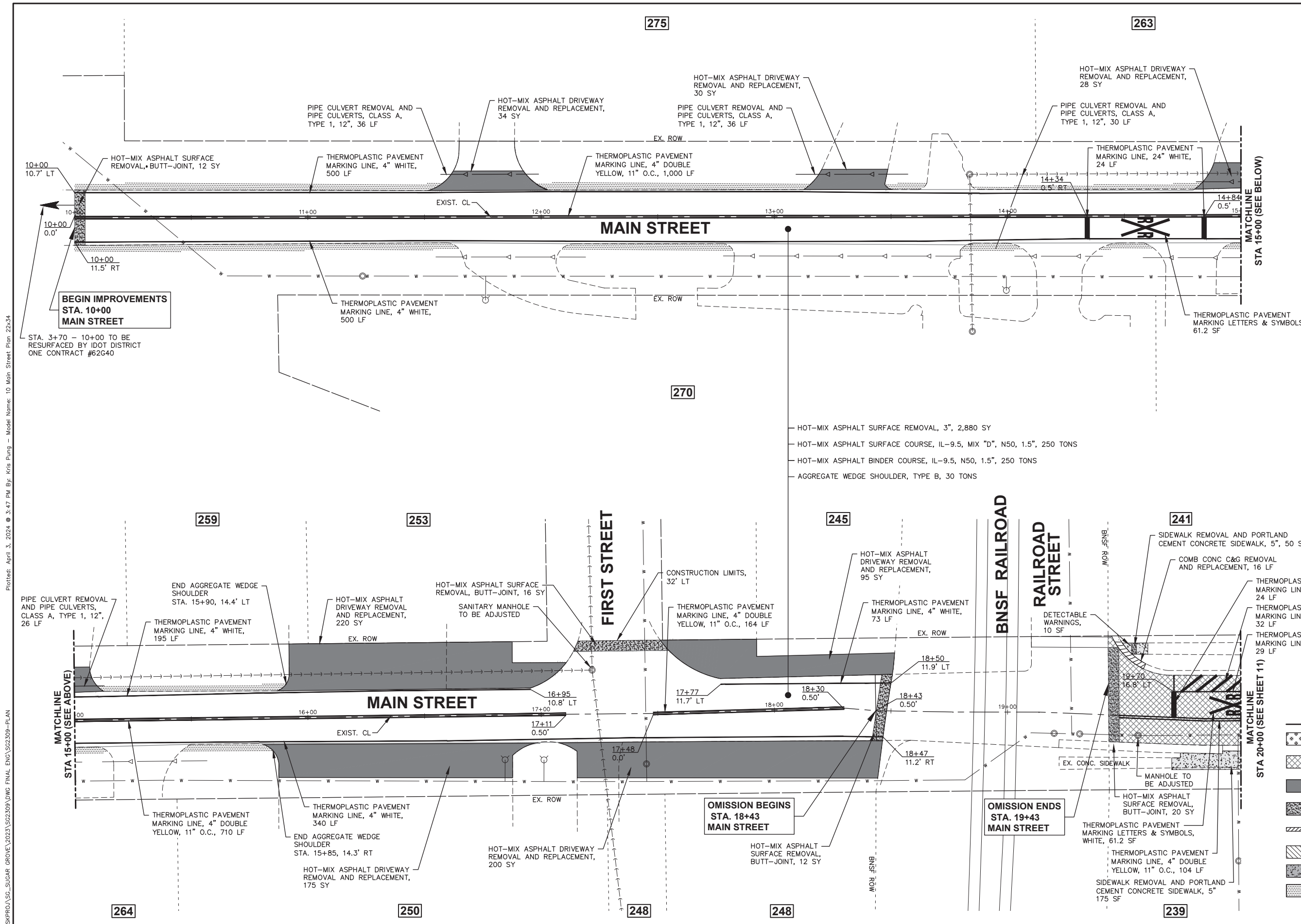
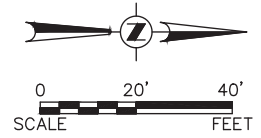
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGNING SCHEDULE**









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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3899	23-00034-00-R5	KANE	21	9
CONTRACT NO. 6IK38			ILLINOIS FED. AID PROJECT	

FILE NAME = H:\SDSKPROJ\SC\_SUGAR GROVE\2023\SG2309\DWG FINAL ENG\SG2309-COVER



LEGEND

-  PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT
-  HOT-MIX ASPHALT SURFACE REMOVAL, 3"
-  HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
-  HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
-  COMB CONC C&G REMOVAL AND REPLACEMENT
-  DRIVEWAY PAVEMENT REMOVAL
-  SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
-  AGGREGATE WEDGE SHOULDER, TYPE B

USER NAME = Kris Pung	DESIGNED -	REVISD -
PLOT SCALE =	DRAWN -	REVISD -
PLOT DATE = April 3, 2024 @ 3:47 PM	CHECKED -	REVISD -
	DATE -	REVISD -

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

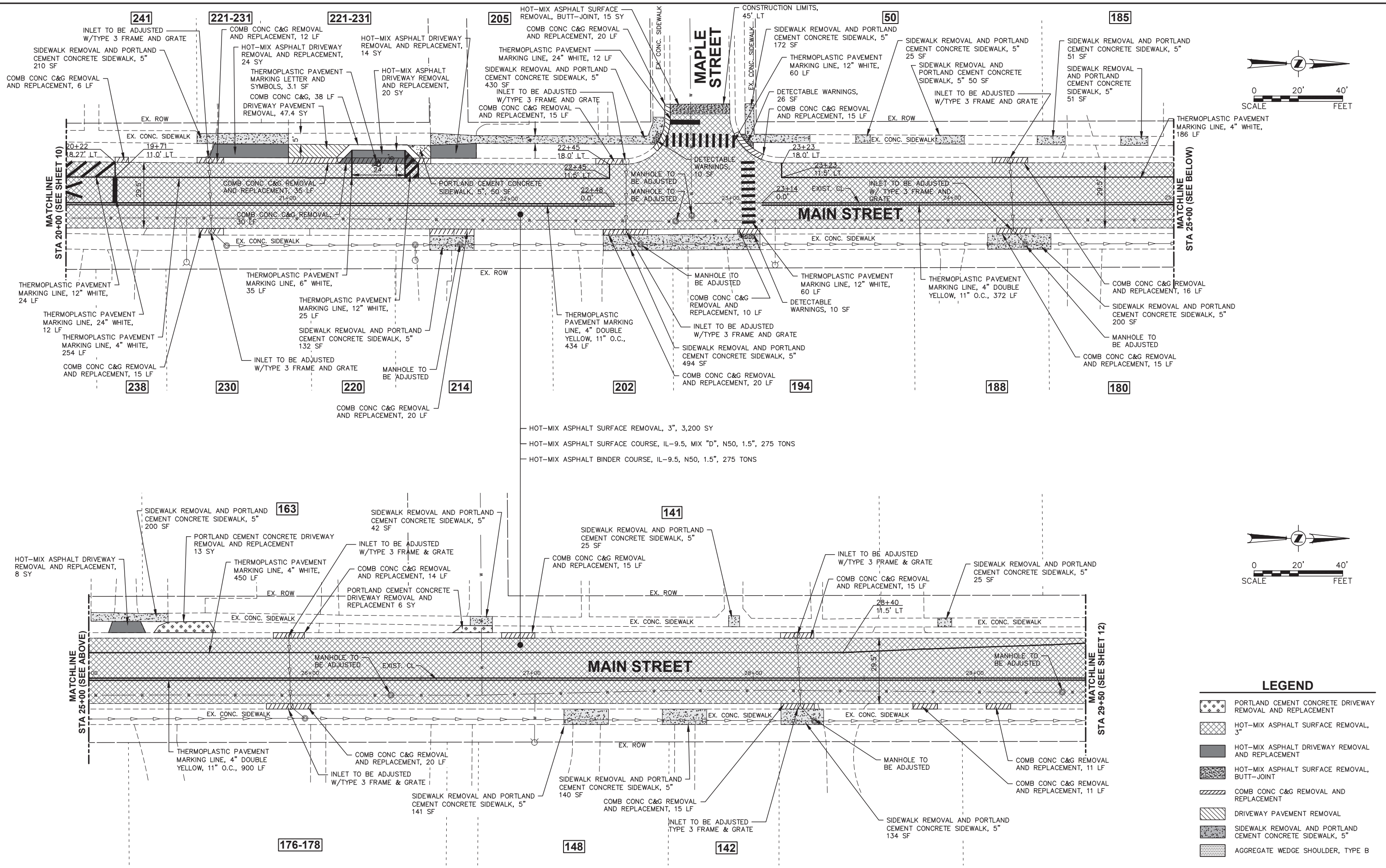
SCALE: 1"=20'	SHEET 1 OF 3 SHEETS	STA. 10+00 TO STA. 20+00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3899	23-00034-00-R5	KANE	21	10
CONTRACT NO. 61K38			ILLINOIS FED. AID PROJECT	

FILE NAME = H:\SDSKPROJ\SC\_SUGAR GROVE\2023\SG2309\DWG\_FINAL\ENG\SG2309-PLAN  
Plotted: April 3, 2024 @ 3:47 PM By: Kris Pung - Model Name: 10 Main Street Plan 22334

FILE NAME = H:\SDSKPROJ\SC\_SUGAR GROVE\2023\SG2309\DWG\_FINAL\ENG\SG2309-PLAN

FILE NAME = H:\SDSKPROJ\SC\_SUGAR GROVE\2023\SG2209\DWG\_FINAL\ENG\SG2209-PLAN  
 Plotted: April 3, 2024 @ 3:47 PM By: Kris Pung - Model Name: 11 Main Street Plan 22-34



**LEGEND**

	PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT
	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
	HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
	COMB CONC C&G REMOVAL AND REPLACEMENT
	DRIVEWAY PAVEMENT REMOVAL
	SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	AGGREGATE WEDGE SHOULDER, TYPE B

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 Sugar Grove, Illinois 60554  
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PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = April 3, 2024 @ 3:47 PM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

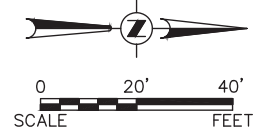
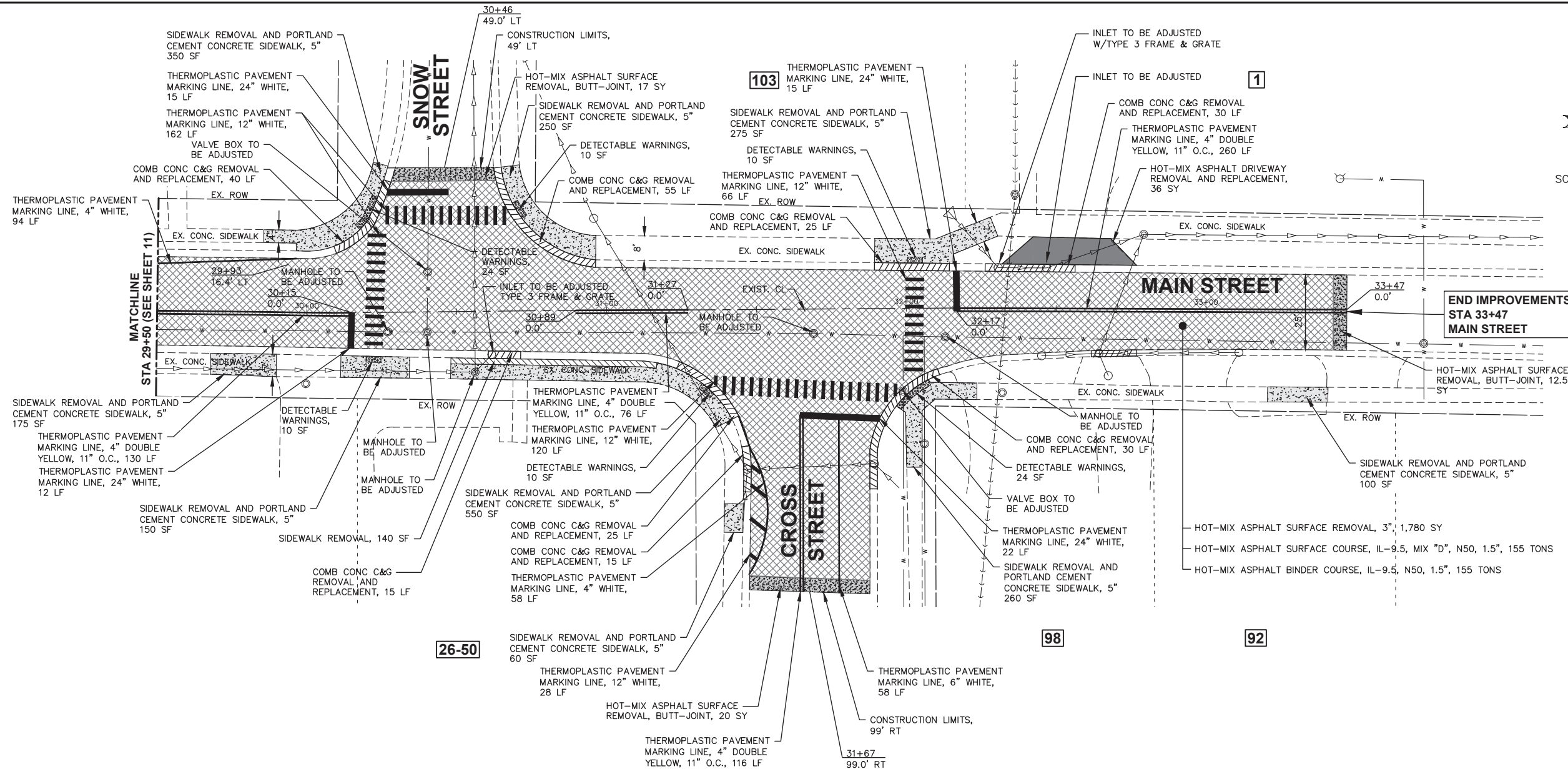
**RESURFACING PLAN**

SCALE: 1"=20'    SHEET 2 OF 3 SHEETS    STA. 20+00 TO STA. 29+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3899	23-00034-00-R5	KANE	21	11
CONTRACT NO. 61K38			ILLINOIS FED. AID PROJECT	

Plotted: April 3, 2024 @ 3:47 PM By: Kris Pung - Model Name: 12 Main Street Plan 22334

FILE NAME = H:\SDSKPROJ\SC\_SUGAR GROVE\2023\SG2209\DWG\_FINAL\_ENG\SG2209-PLAN



**LEGEND**

- PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT
- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
- COMB CONC C&G REMOVAL AND REPLACEMENT
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- AGGREGATE WEDGE SHOULDER, TYPE B

**Engineering Enterprises, Inc.**  
CONSULTING ENGINEERS  
52 Wheeler Road  
Sugar Grove, Illinois 60554  
630.466.6700 / www.eetweb.com

USER NAME = Kris Pung	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = April 3, 2024 @ 3:47 PM	CHECKED -	REVISED -
	DATE -	REVISED -

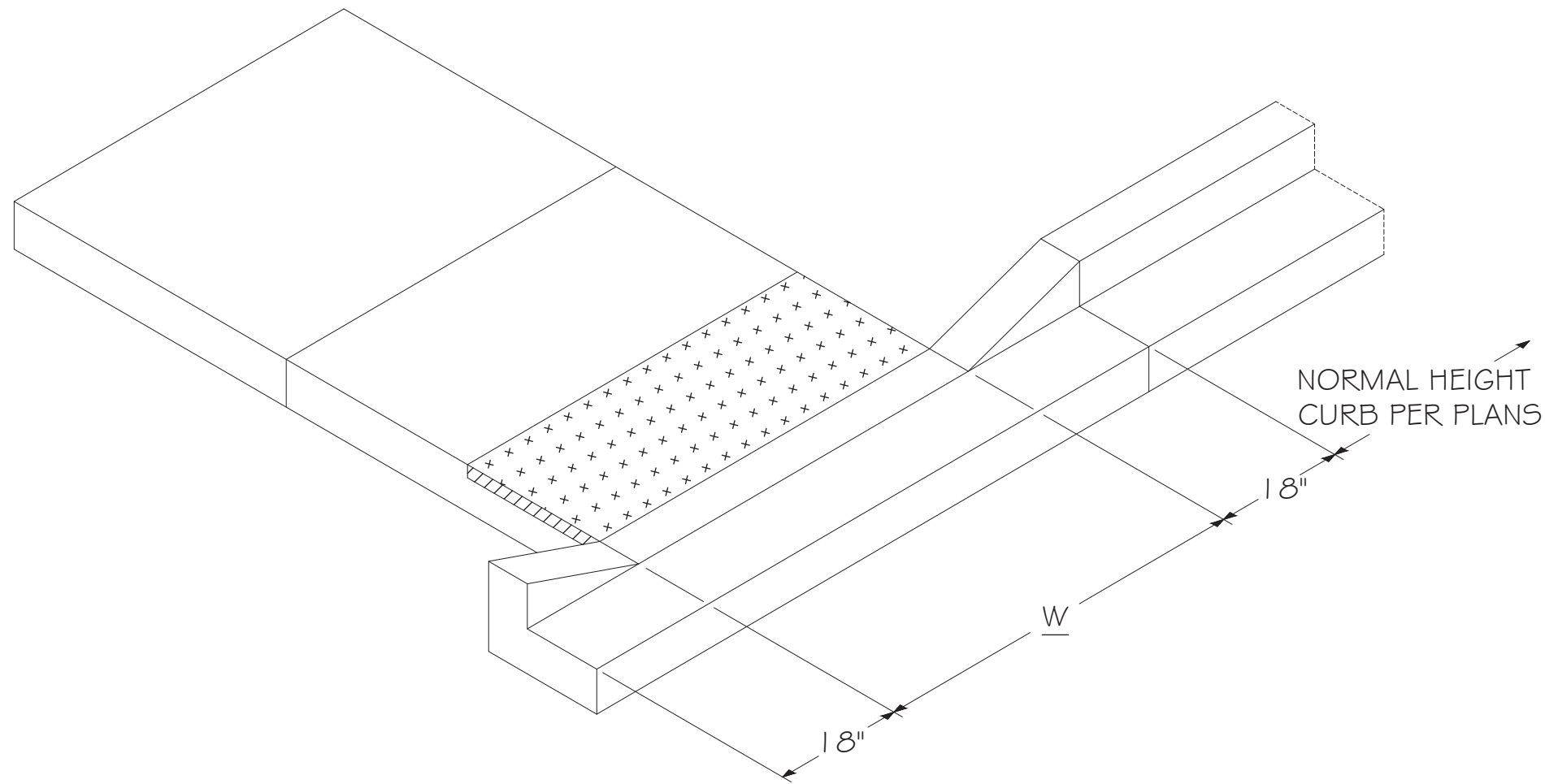
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RESURFACING PLAN**  
SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 29+50 TO STA. 33+47

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3899	23-00034-00-R5	KANE	21	12
CONTRACT NO. 61K38			ILLINOIS FED. AID PROJECT	

FILE NAME = H:\SDSKPROJ\SC\_SUGAR GROVE\2023\SG2209\DWG\_FINAL\_ENG\SG2209-PLAN

FILE NAME = H:\SDSKPROJ\SC\_SUGAR GROVE\2023\SG2309\DWG\_FINAL\ENG\SG2309-1DOT\_DIST\_1 DET  
 Plotted: April 3, 2024 @ 3:47 PM By: Kris Pung - Model Name: 13 Village Details 22-34



**NOTES:**

1. PLACEMENT OF DETECTABLE WARNING TILES SHALL ADHERE TO LOCATIONS & SETBACKS AS SHOWN IN IDOT HIGHWAY STANDARDS INCLUDING 424001, 424006, 424016, 424021, AND 424026 FOR VARIOUS FIELD CONDITIONS. SIDEWALK RAMP WIDTH (W) AND LAYOUT SHALL BE ACCORDING TO THESE IDOT HIGHWAY STANDARDS, EXCEPT A SIDE CURB SHALL NOT BE CONSTRUCTED IN LANDSCAPED AREAS.
2. DETECTABLE WARNING TILES SHALL BE BRICK RED AND MANUFACTURED BY ADA SOLUTIONS, INC.
3. TILES SHALL BE INSTALLED PER MANUFACTURER INSTRUCTIONS.
4. THE COLORING AND STAMPING OF CONCRETE WILL NOT BE ALLOWED.



**Village of Sugar Grove**

10 Municipal Drive  
 Sugar Grove, Illinois 60554  
 Phone: (630) 466-4507

CURB HEAD TAPER AT PEDESTRIAN RAMPS FOR SIDEWALK IN LANDSCAPED AREAS

SCALE: N.T.S.

DATE: 11/15/22

DETAIL NUMBER  
 MONT. E:\DETAILS\

DRAWN: KKP

REVISED: \_\_

**Engineering Enterprises, Inc.**  
 CONSULTING ENGINEERS  
 52 Wheeler Road  
 Sugar Grove, Illinois 60554  
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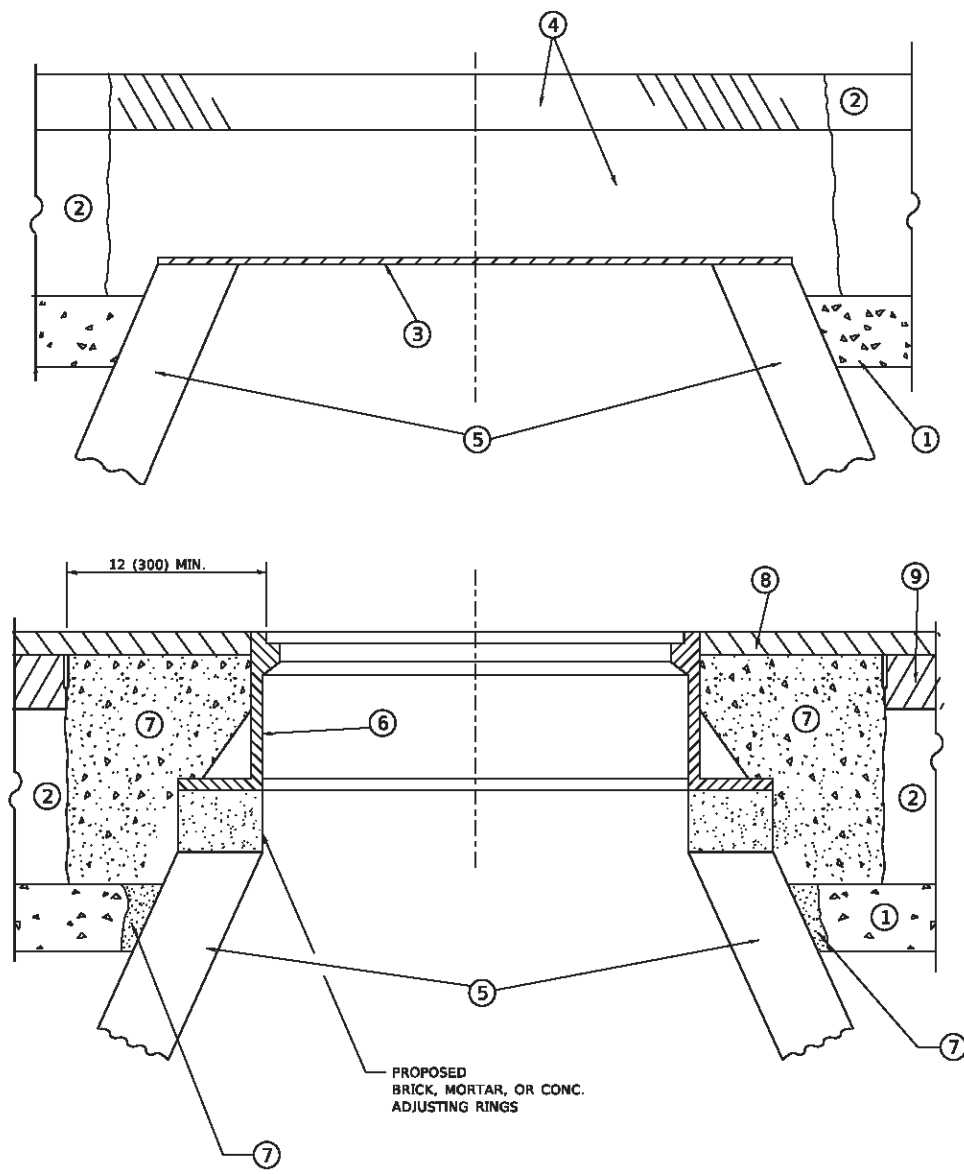
USER NAME = Kris Pung	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = April 3, 2024 @ 3:47 PM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**VILLAGE DETAILS**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3899	23-00034-00-RS	KANE	21	13
CONTRACT NO. 6IK38			ILLINOIS FED. AID PROJECT	



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

**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.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

**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. 3 (80) 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-2\* 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                 | ⑥ FRAME AND LID (SEE NOTES)   |
| ② EXISTING PAVEMENT                          | ⑦ CLASS PP-2* CONCRETE        |
| ③ 36 (900) DIAMETER METAL PLATE              | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE  |
| ⑤ EXISTING STRUCTURE                         |                               |

**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.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN



USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-06-11
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 11-18-22
		REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b>	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

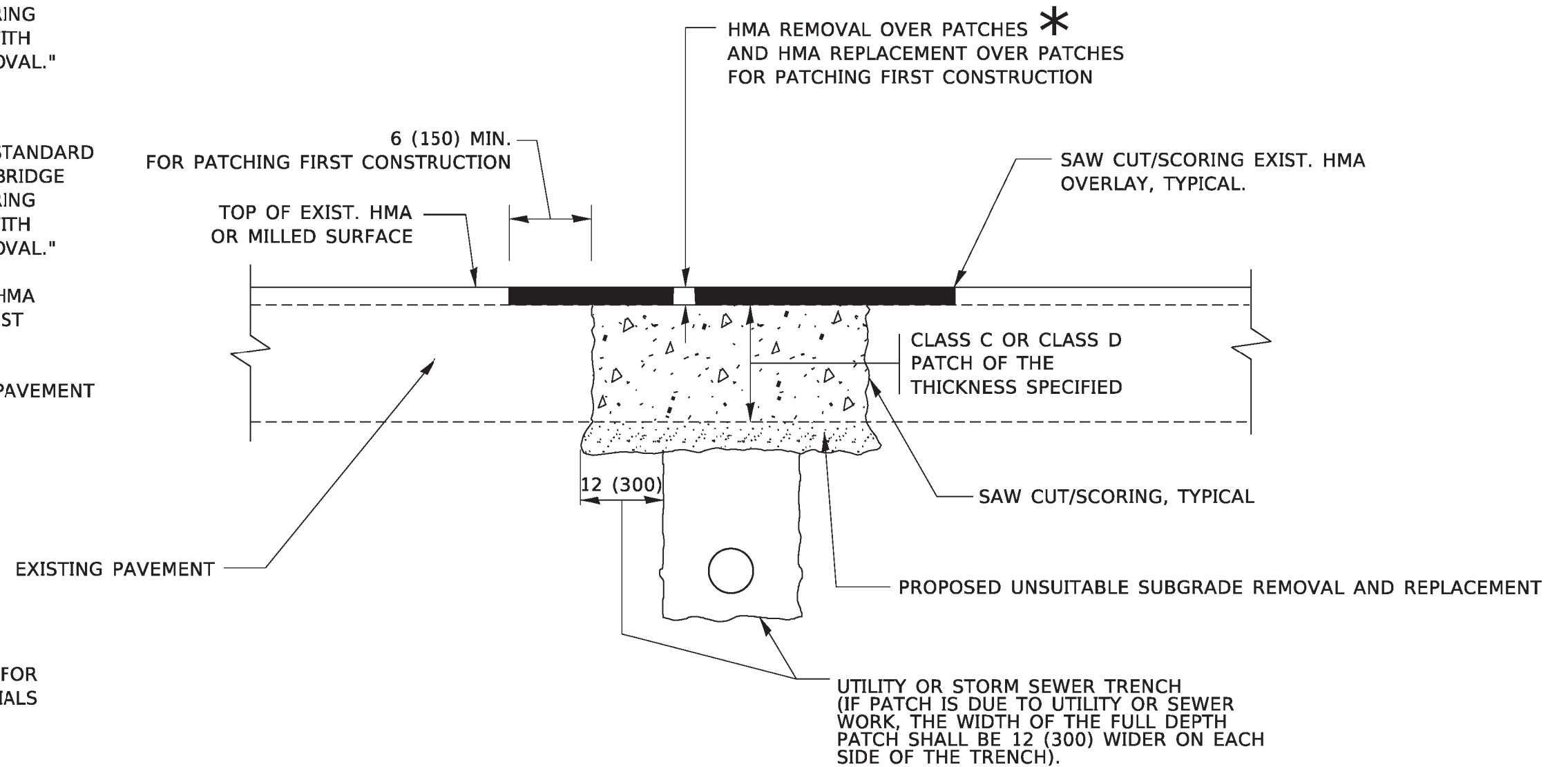
F.A. RTE. 3899	SECTION 23-00034-00-RS	COUNTY KANE	TOTAL SHEETS 21	SHEET NO. 14
BD600-03 (BD-08)			CONTRACT NO. 6IK38	
ILLINOIS FED. AID PROJECT				

**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.

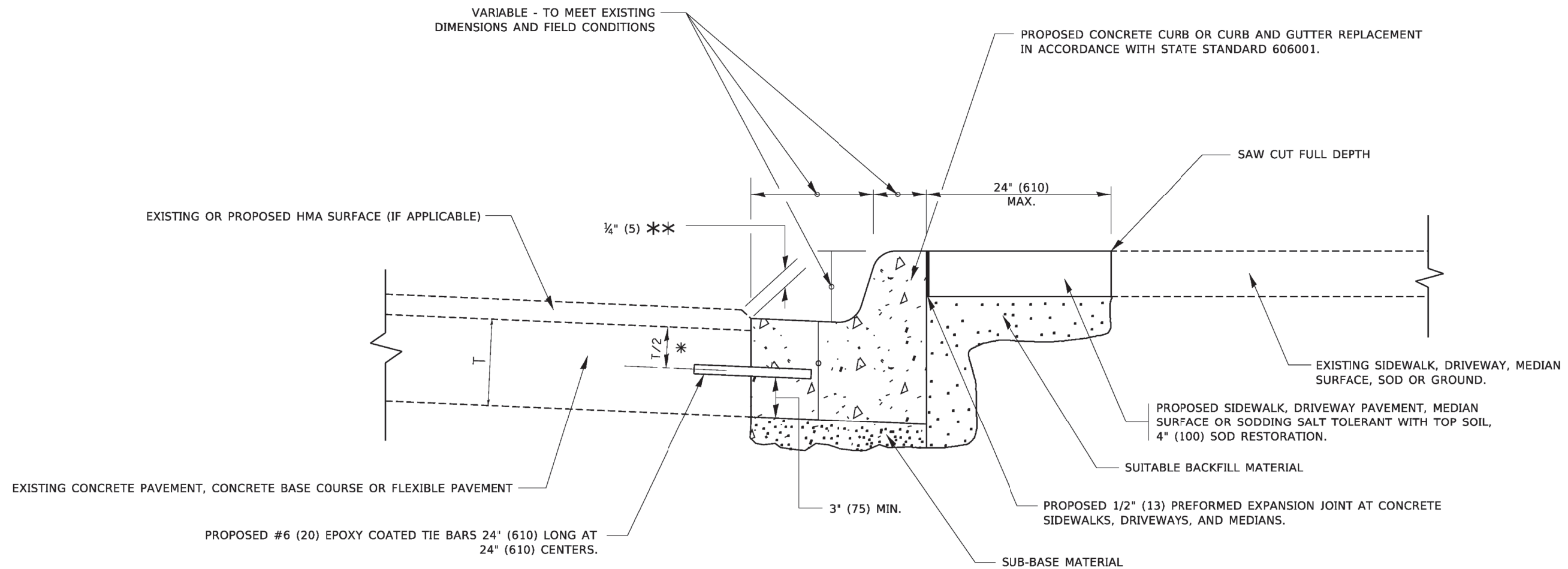
**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

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.

MODEL: Default; FILE: \\scc-cw-bentley.com\PROJECTS\2022\23\CAO\DATA\CAD\sheet\bd22.dgn

<p>Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eetweb.com</p>	USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR</b> <b>HMA SURFACED PAVEMENT</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 09-04-07			3899	23-00034-00-RS	KANE	21	15
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. ENG 10-27-08			<b>BD400-04 (BD-22)</b>		CONTRACT NO. 6IK38		
	PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22			SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	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.

**Engineering Enterprises, Inc.**  
CONSULTING ENGINEERS  
52 Wheeler Road  
Sugar Grove, Illinois 60554  
630.466.6700 / www.eeiweb.com

USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

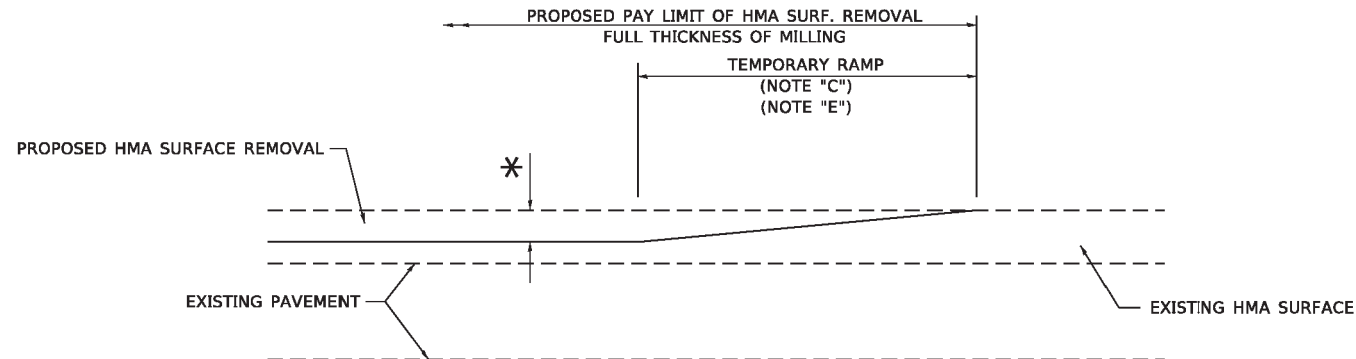
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**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.
3899	23-00034-00-RS	KANE	21	16
<b>BD600-06 (BD-24)</b>			CONTRACT NO. 6IK38	
ILLINOIS FED. AID PROJECT				

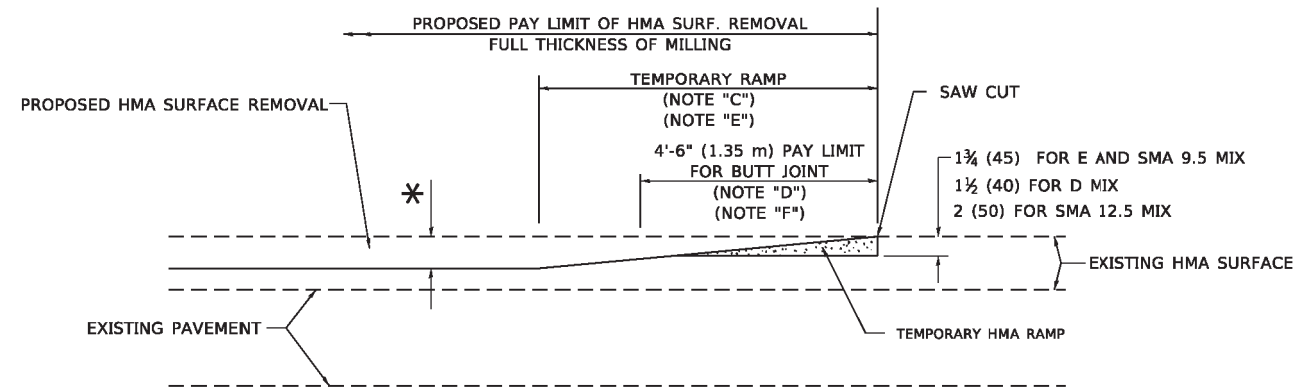




**MILLED TEMPORARY RAMP**

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 1**

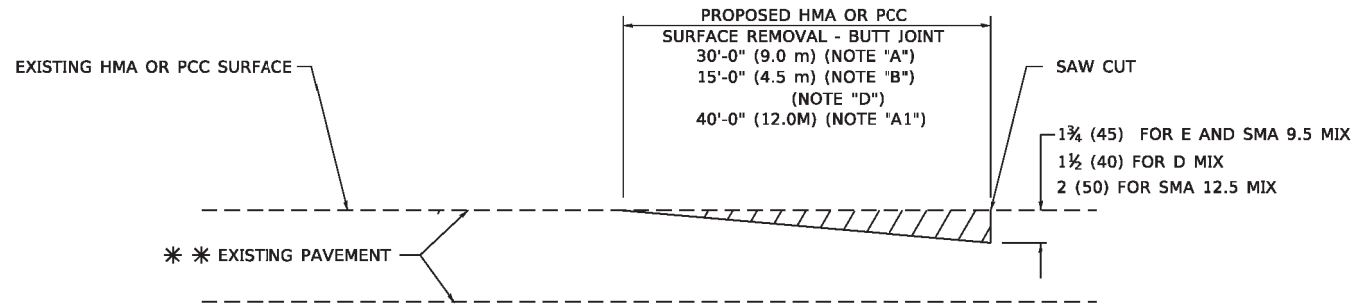


**HMA CONSTRUCTED TEMPORARY RAMP**

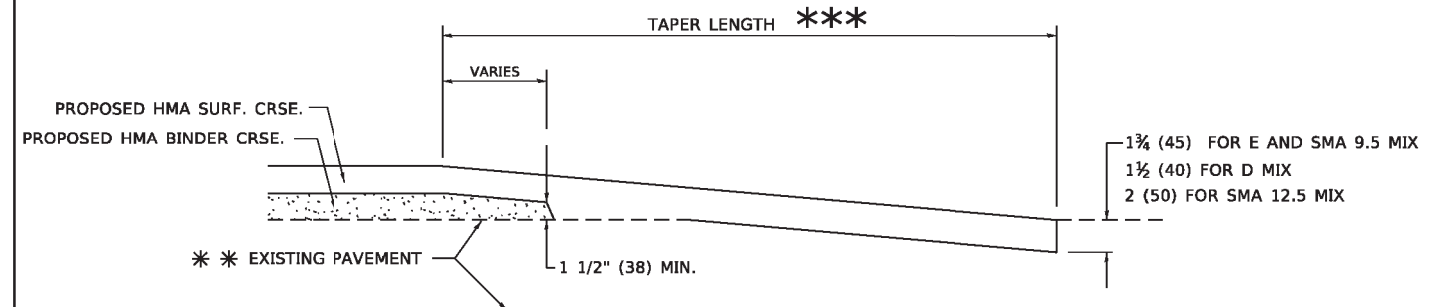
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 2**

**TYPICAL TEMPORARY RAMP**



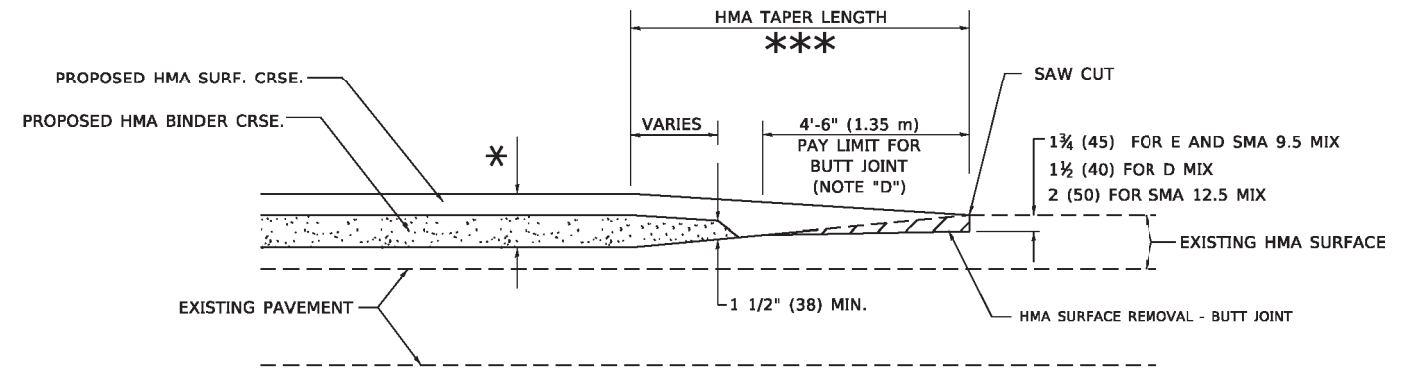
**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.



**BUTT JOINT AND HMA TAPER**

**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**

**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\illides-pw\_bentley.com\pwwd01\documents\dot\_offices\dot\Projects\Illinois\2323231\CAD\Bata\CA\resurfacing32.dgn

**Engineering Enterprises, Inc.**  
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630.466.6700 / www.eeiweb.com

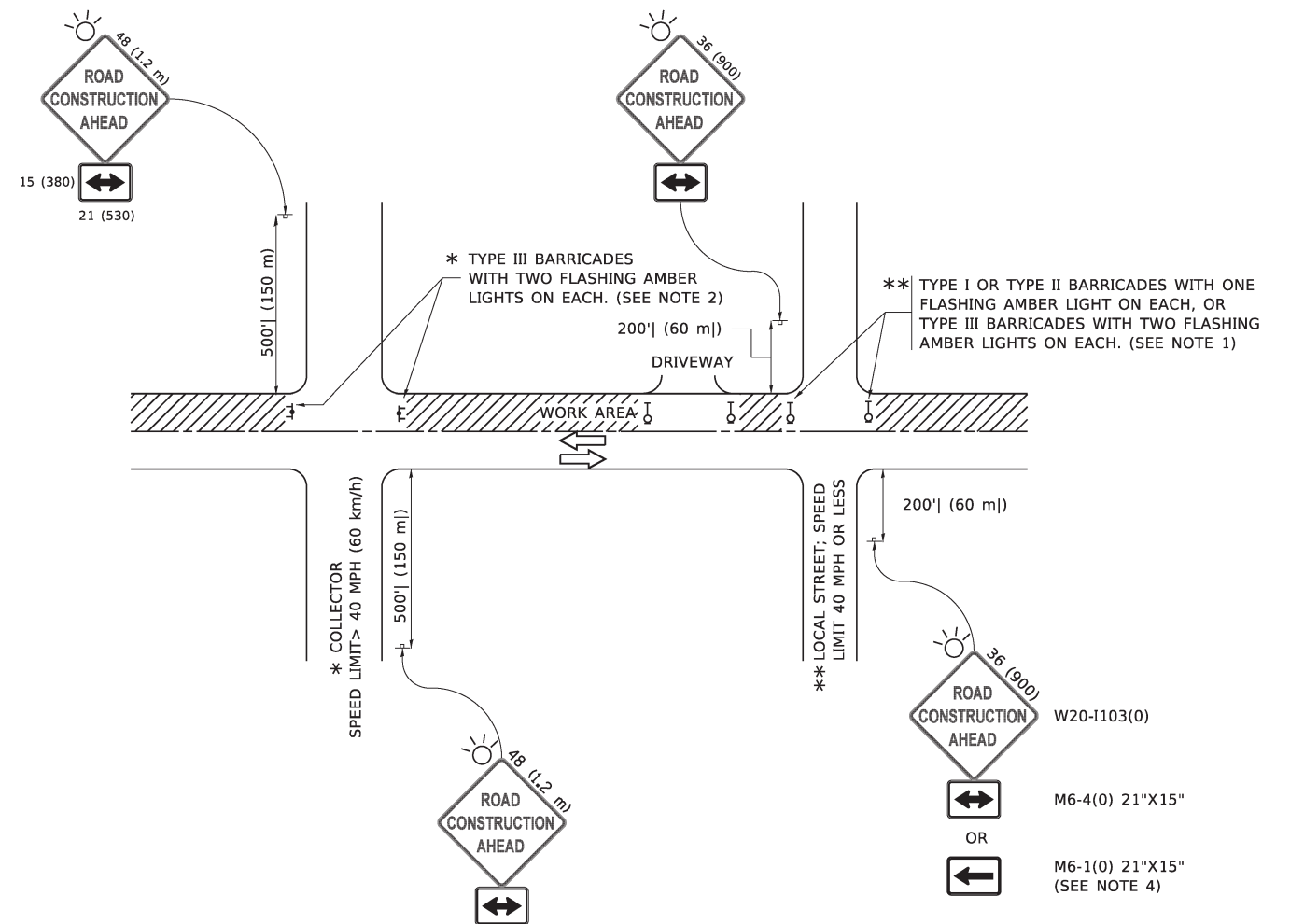
USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**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.
3899	23-00034-00-RS	KANE	21	17
<b>BD400-05 BD-32</b>		CONTRACT NO. 6IK38		
ILLINOIS FED. AID PROJECT				



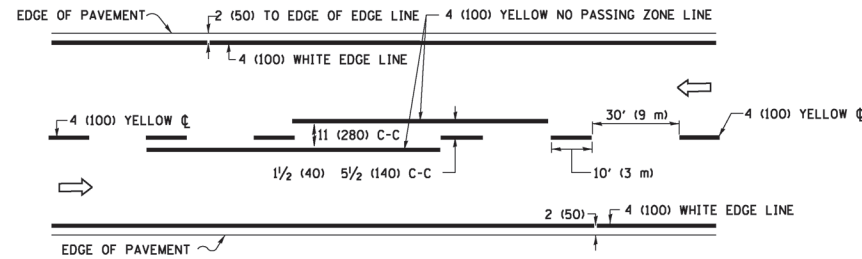
**NOTES:**

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 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.

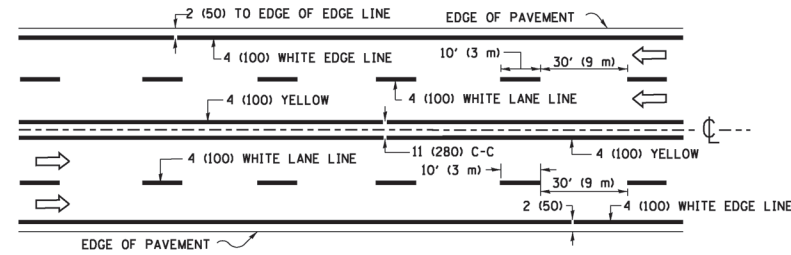
All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = footernj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

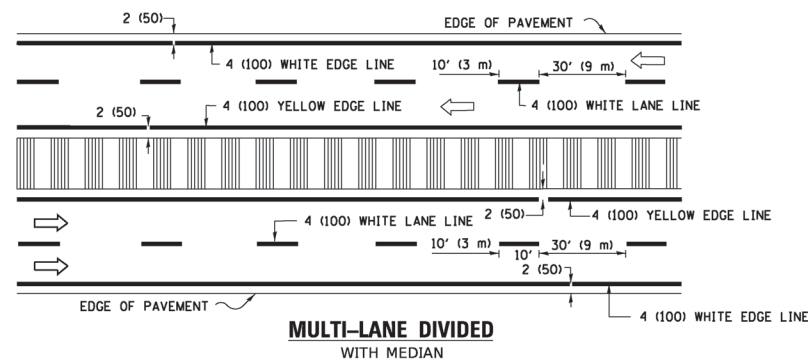
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3899	23-00034-00-RS	KANE	21	18
<b>TC-10</b>			CONTRACT NO. 6IK38	
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

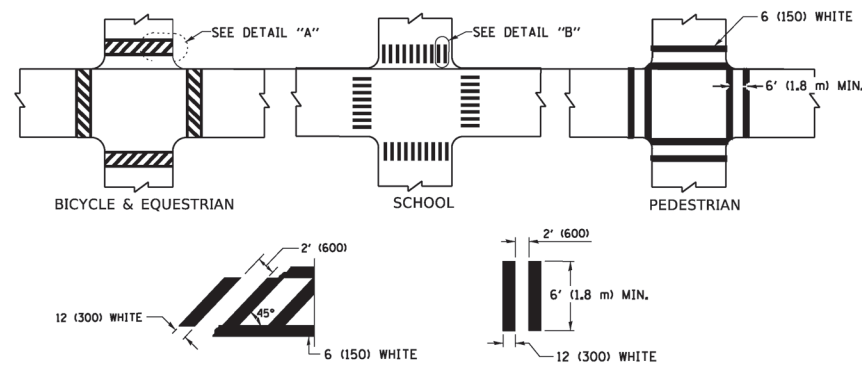


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

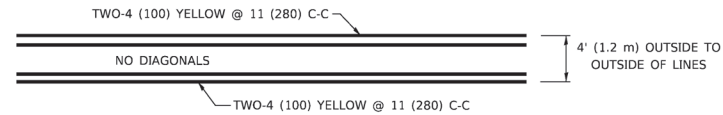


**DETAIL "A"**

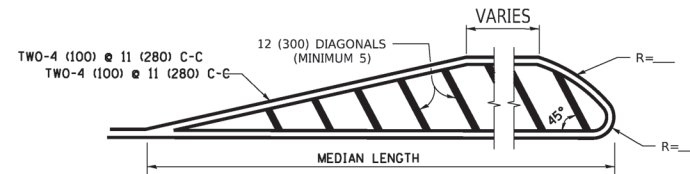
**DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

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

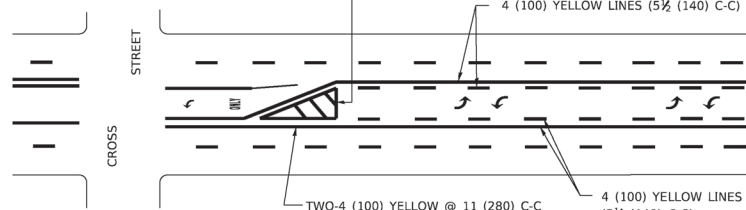


**4' (1.2 m) WIDE MEDIANS ONLY**

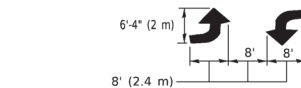


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

**MEDIANS OVER 4' (1.2 m) WIDE**

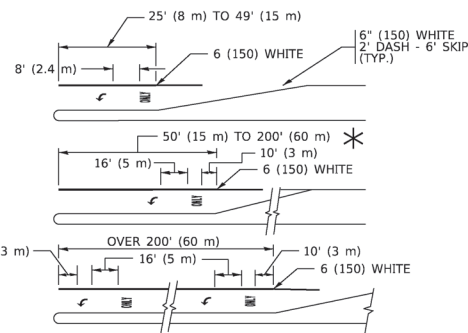


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

**TYPICAL PAINTED MEDIAN MARKING**

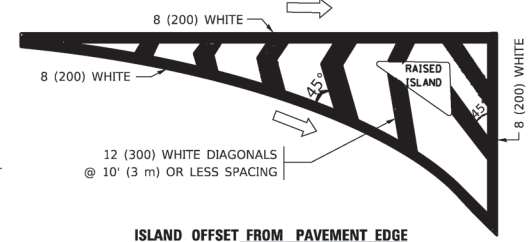


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

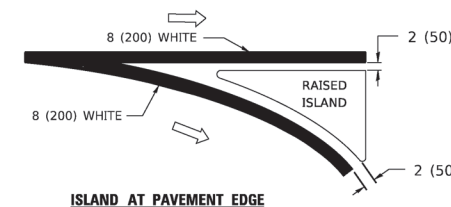
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

**TYPICAL LEFT (OR RIGHT) TURN LANE**

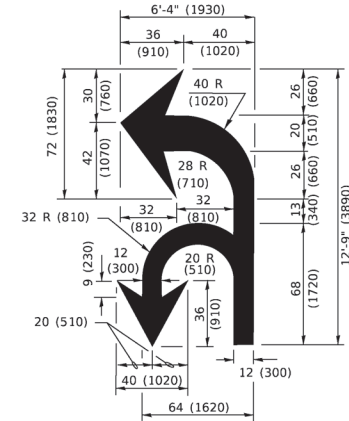
**TYPICAL TURN LANE MARKING**



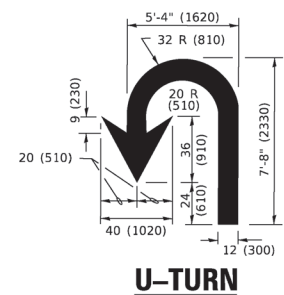
**ISLAND OFFSET FROM PAVEMENT EDGE**



**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 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 <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
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.

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Engineering Enterprises, Inc.  
CONSULTING ENGINEERS  
52 Wheeler Road  
Sugar Grove, Illinois 60554  
630.466.6700 / www.eeiweb.com

USER NAME = footemj  
DESIGNED - EVERS  
DRAWN -  
CHECKED -  
DATE - 03-19-90

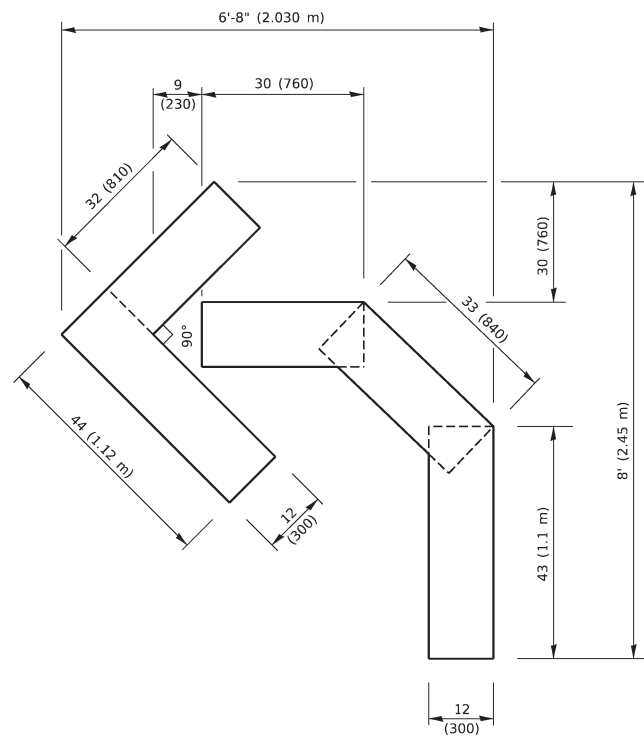
DESIGNED - EVERS  
DRAWN -  
CHECKED -  
DATE - 03-19-90

REVISOR  
REVISOR  
REVISOR  
REVISOR

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

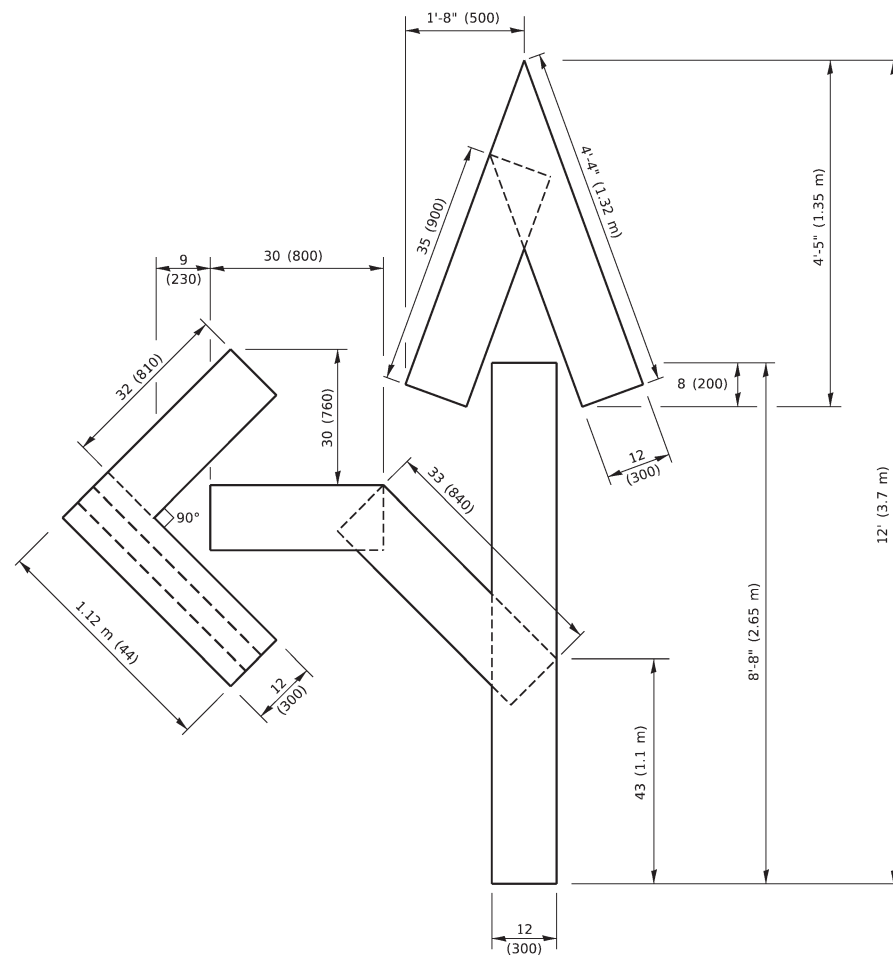
DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS  
SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
3899 23-00034-00-RS KANE 21 19  
TC-13 CONTRACT NO. 61K38  
ILLINOIS FED. AID PROJECT



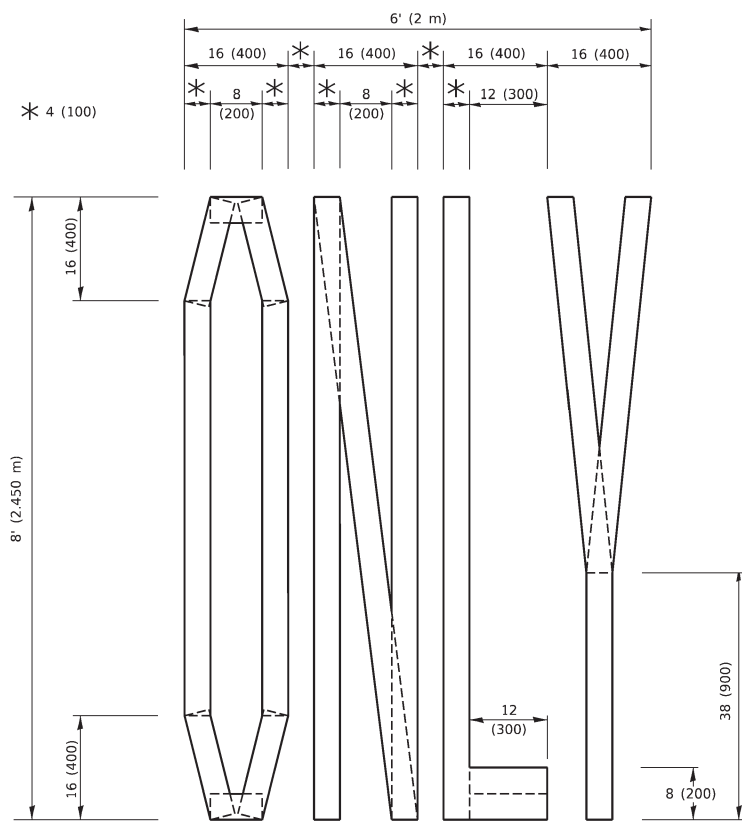
**QUANTITY**

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



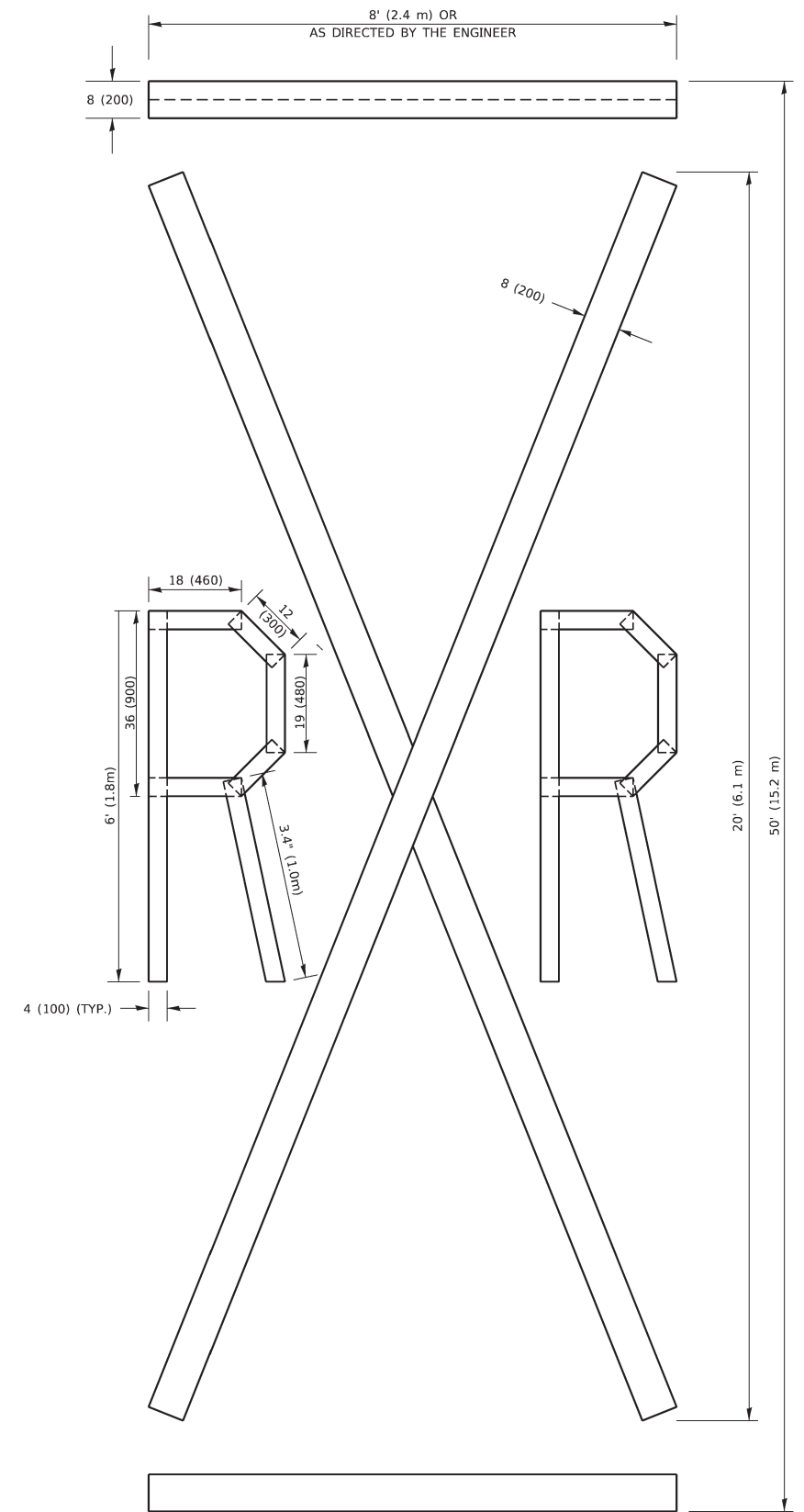
**QUANTITY**

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



**QUANTITY**

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



**QUANTITY**

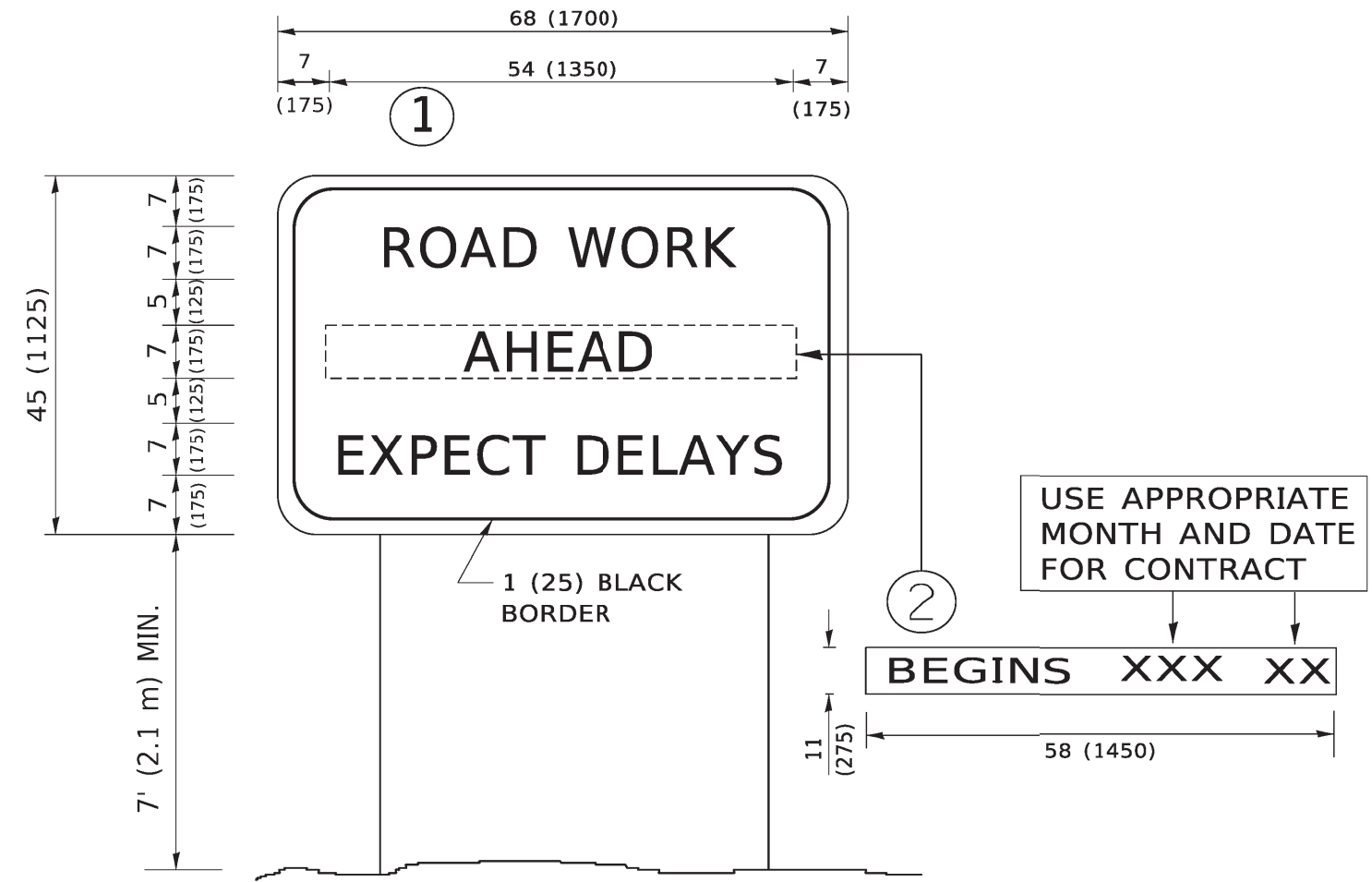
4 (100) LINE = 225.9 ft. (68.9 m)  
75.3 sq. ft. (6.99 sq. m)

**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.

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3899	23-00034-00-RS	KANE	21	20
<b>TC-16</b>		CONTRACT NO. 6IK38		
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.

MODEL: Default; FILE NAME: p:\11084EBD\NTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\ID\15422\34\CAD\Data\CAD\Sheets\K22.dgn

<b>Engineering Enterprises, Inc.</b> <b>CONSULTING ENGINEERS</b> 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eeiweb.com	USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT DATE = 3/4/2019	CHECKED -	REVISED - T. RAMMACHER 02-02-99
		DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ARTERIAL ROAD INFORMATION SIGN</b>			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3899	23-00034-00-RS	KANE	21	21
<b>TC-22</b>			CONTRACT NO. 61K38	
ILLINOIS FED. AID PROJECT				