

F.A.J. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2303	22-00032-00-RS	KANE	23	1
CONTRACT NO. 61J47				

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

**POLICY STATEMENT:**  
PLANS DESIGNED IN ACCORDANCE WITH THE BUREAU OF LOCAL ROADS AND STREETS MANUAL

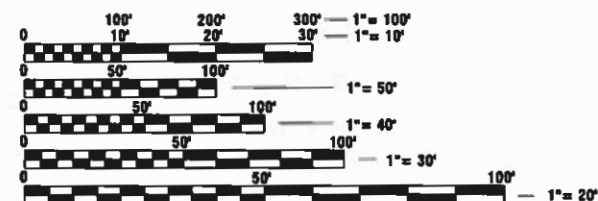
# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL-AID HIGHWAY

**FAU 2303 (NORRIS ROAD)  
N. VILLAGE LIMITS TO S. VILLAGE LIMITS  
ROADWAY RESURFACING  
SECTION 22-00032-00-RS  
PROJECT NUMBER: SW8G(363)  
VILLAGE OF SUGAR GROVE  
KANE COUNTY  
JOB NO. C-91-072-23**



**NORRIS ROAD**  
**DESIGN DESIGNATION**  
MAJOR COLLECTOR  
DESIGN SPEED = 35 M.P.H.  
POSTED SPEED = 30 M.P.H.  
ADT (2018) = 2,000 VPD

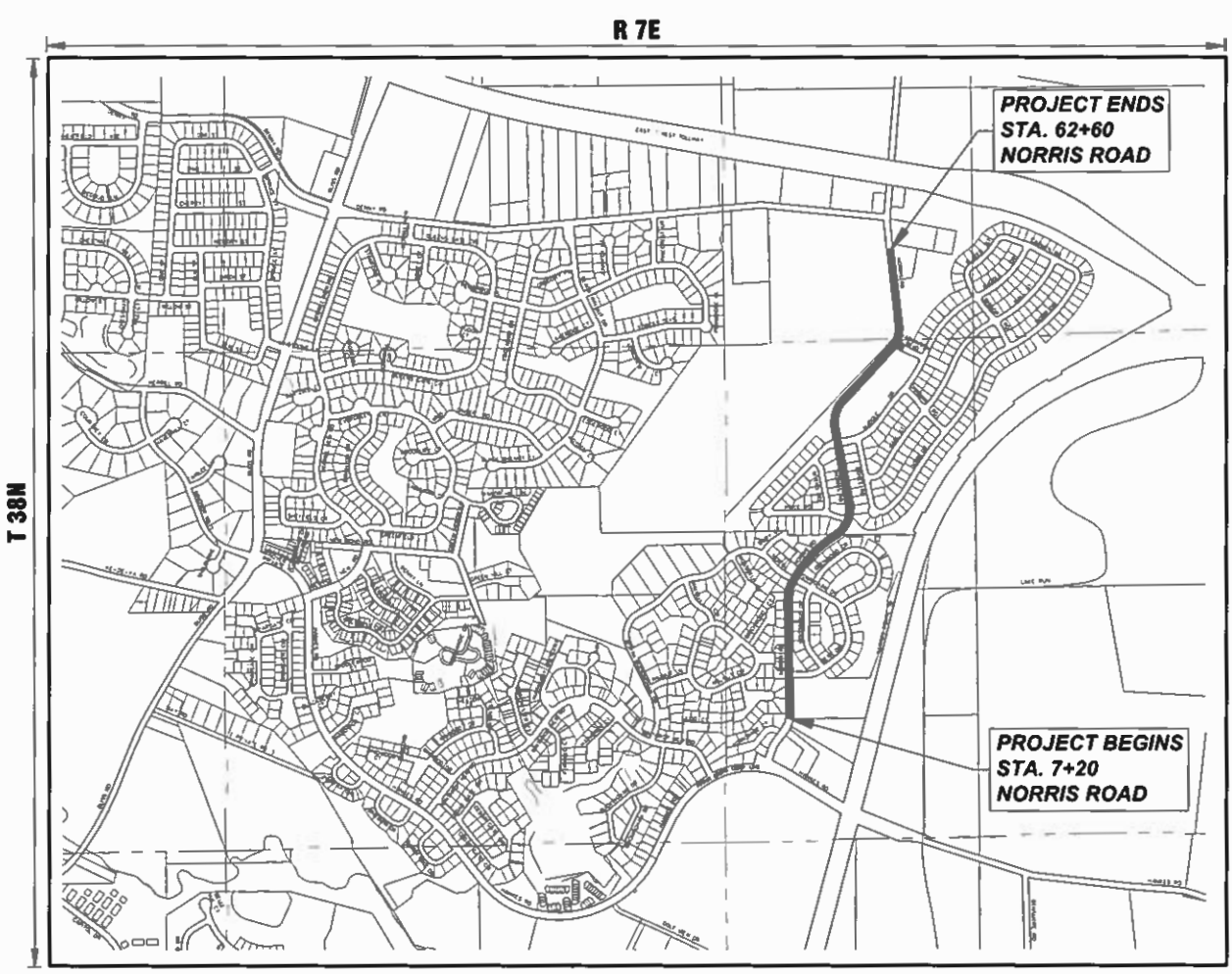
PROJECT LOCATED  
IN THE VILLAGE OF  
SUGAR GROVE



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. 61J47



LOCATION MAP (SCALE 1"=1000')  
SECTION 2 & 11, T38N, R7E, SUGAR GROVE TOWNSHIP  
GROSS LENGTH OF PROJECT = 5,540 FEET (1.05 MILES)  
NET LENGTH OF PROJECT = 5,540 FEET (1.05 MILES)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED: *[Signature]*  
VILLAGE OF SUGAR GROVE, DIRECTOR OF PUBLIC WORKS

PASSED: *[Signature]*  
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW: *[Signature]*  
REGIONAL ENGINEER

DATE: 2-9-2023  
*[Signature]*  
CHRISTOPHER J. OTT

LICENSE EXPIRES: NOVEMBER 30, 2023

SHEETS: 1-23

SEAL: CHRISTOPHER JOSEPH OTT  
062-069699  
LICENSED PROFESSIONAL ENGINEER  
OF ILLINOIS

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

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OF THE STATE OF ILLINOIS

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

**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, 2023, 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 MONTGOMERY, 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
424021-06	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
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
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
701901-08	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.-5.	SUMMARY OF QUANTITIES
6.-7.	TYPICAL SECTIONS
8.	SIGNING SCHEDULE
9.-15.	RESURFACING PLAN
16.	VILLAGE DETAILS
17.-23.	IDOT DISTRICT 1 DETAILS

<b>SHEET. NO.</b>	<b>IDOT DISTRICT ONE STD. DETAILS</b>
17.	(BD-22) PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
18.	(BD-24) CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
19.	(BD-32) BUTT JOINT AND HMA TAPER DETAILS
20.	(TC-10) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
21.	(TC-13) TYPICAL PAVEMENT MARKINGS
22.	(TC-16) SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
23.	(TC-22) ARTERIAL ROAD INFORMATION SIGN

**SUPPLEMENTAL LEGEND**

	HOT-MIX ASPHALT SURFACE REMOVAL, 2"
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT-JOINT
	BIKE PATH REMOVAL AND INCIDENTAL HOT-MIX ASPHALT SURFACING
	COMB CONC C&G REMOVAL AND REPLACEMENT
	SIDEWALK REMOVAL
	BIKE PATH REMOVAL
	BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	AGGREGATE WEDGE SHOULDER, TYPE B

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-COVER  
 Plotted: February 9, 2023 @ 9:14 AM By: Jim Schmidt - Model Name: 02 Index - 22x34

**Engineering Enterprises, Inc.**  
**CONSULTING ENGINEERS**  
 52 Wheeler Road  
 Sugar Grove, Illinois 60554  
 630.466.6700 / www.eeiweb.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.
2303	22-00032-00-RS	KANE	23	2
CONTRACT NO. 61J47			ILLINOIS FED. AID PROJECT	

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-COVER

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 75% FEDERAL 25% LOCAL 0005
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	365	365
* 25200110	SODDING, SALT TOLERANT	SQ YD	365	365
* 25200200	SUPPLEMENTAL WATERING	UNIT	20	20
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	8	8
28000510	INLET FILTERS	EACH	26	26
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	12,945	12,945
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10	10
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	151	151
40602978	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	1,660	1,660
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,660	1,660
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	100	100
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	11	11
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,865	1,865
42400800	DETECTABLE WARNINGS	SQ FT	140	140
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	7,650	7,650
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	922	922
44000600	SIDEWALK REMOVAL	SQ FT	765	765

\* SEE SPECIAL PROVISIONS  
 Δ INDICATES SPECIALTY ITEM

FILE NAME: \\HERCULES\ELI\_STORAGE\CAD\SSR\PROJ\SSG\_SUGAR GROVE\2022\SS2210\DWG\_FINAL\_ENG\SS2210-COVER  
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 Sugar Grove, Illinois 60554  
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	DATE -	REVISED -

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

SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET 1	OF 3 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2303	22-00032-00-R5	KANE	23	3
CONTRACT NO. 61J47			ILLINOIS FED. AID PROJECT	

FILE: \\HERCULES\ELI\_STORAGE\CAD\SSR\PROJ\SSG\_SUGAR GROVE\2022\SS2210\DWG\_FINAL\_ENG\SS2210-COVER

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 75% FEDERAL 25% LOCAL 0005
44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	96	96
44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	192	192
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	1,055	1,055
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	180	180
60260100	INLETS TO BE ADJUSTED	EACH	20	20
60603800	COMBINATION CURB AND GUTTER, TYPE B-6.12	FOOT	992	992
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	500	500
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	123	123
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	500	500
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	103	103
Δ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	7	7
Δ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	160	160
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15,429	15,429
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	342	342

\* SEE SPECIAL PROVISIONS  
 Δ INDICATES SPECIALTY ITEM

FILE NAME = \\HERCULES\EEI-STORAGE\CAD\SDRPRO\SC-SUGAR\PROJ\2023\02210\DWG FINAL ENG\02210-CDVER Plotter: February 9, 2023 @ 9:14 AM By: Jim Schmidt - Model Name: 04 900 - 22-24

FILE NAME = \\HERCULES\EEI-STORAGE\CAD\SDRPRO\SC-SUGAR\PROJ\2023\02210\DWG FINAL ENG\02210-CDVER

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

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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>	
SCALE: N.T.S.	SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2303	22-00032-00-RS	KANE	23	4
CONTRACT NO. 61J4T			ILLINOIS FED. AID PROJECT	



SUMMARY OF QUANTITIES


	CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 75% FEDERAL 25% LOCAL 0005
Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	262	262
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	26	26
*	X0327036	BIKE PATH REMOVAL	SQ YD	189	189
*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	11,520	11,520
*	Z0030860	TEMPORARY INFORMATION SIGNING	SQ FT	51	51

\* SEE SPECIAL PROVISIONS  
 Δ INDICATES SPECIALTY ITEM

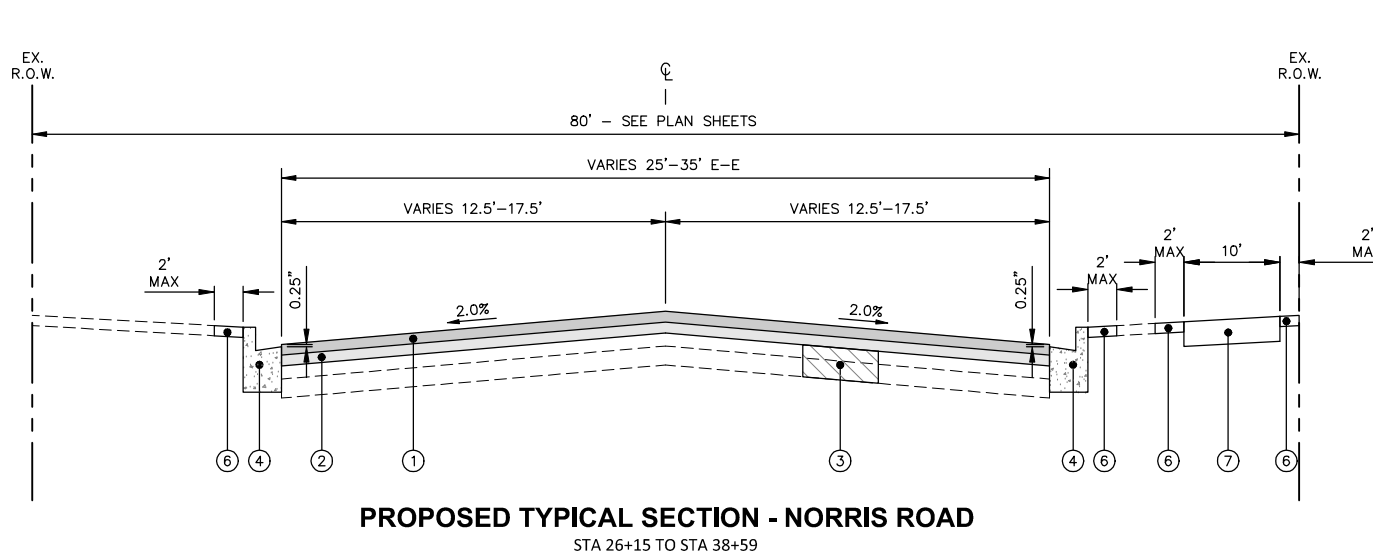
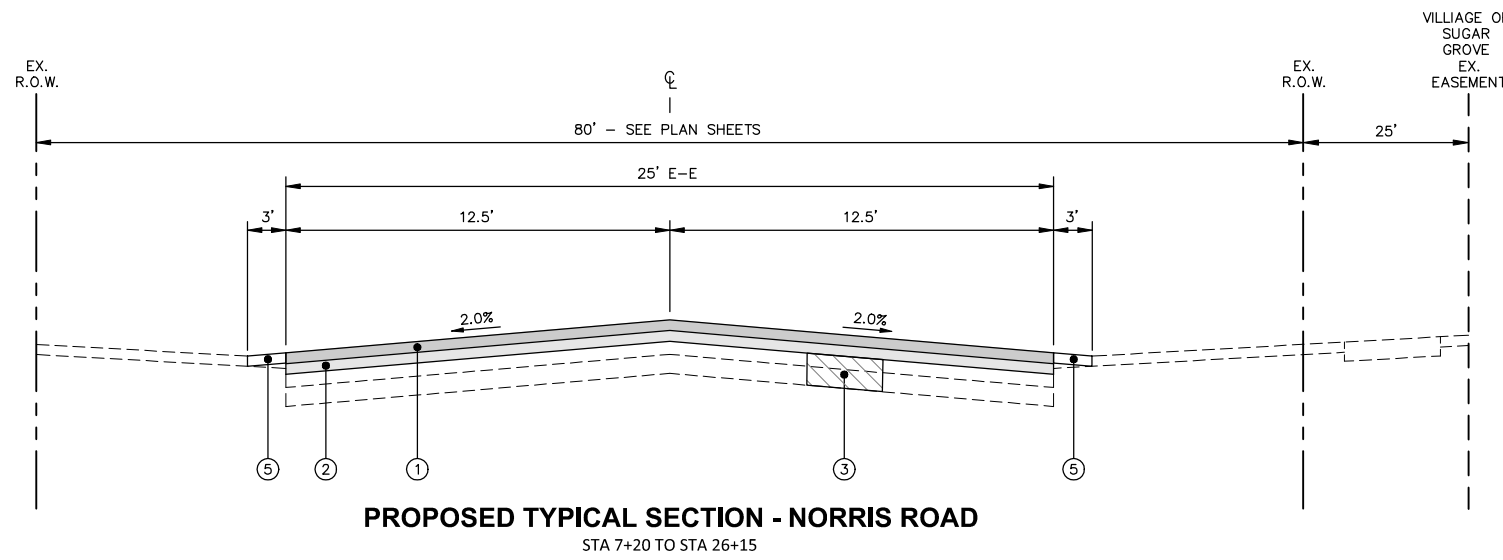
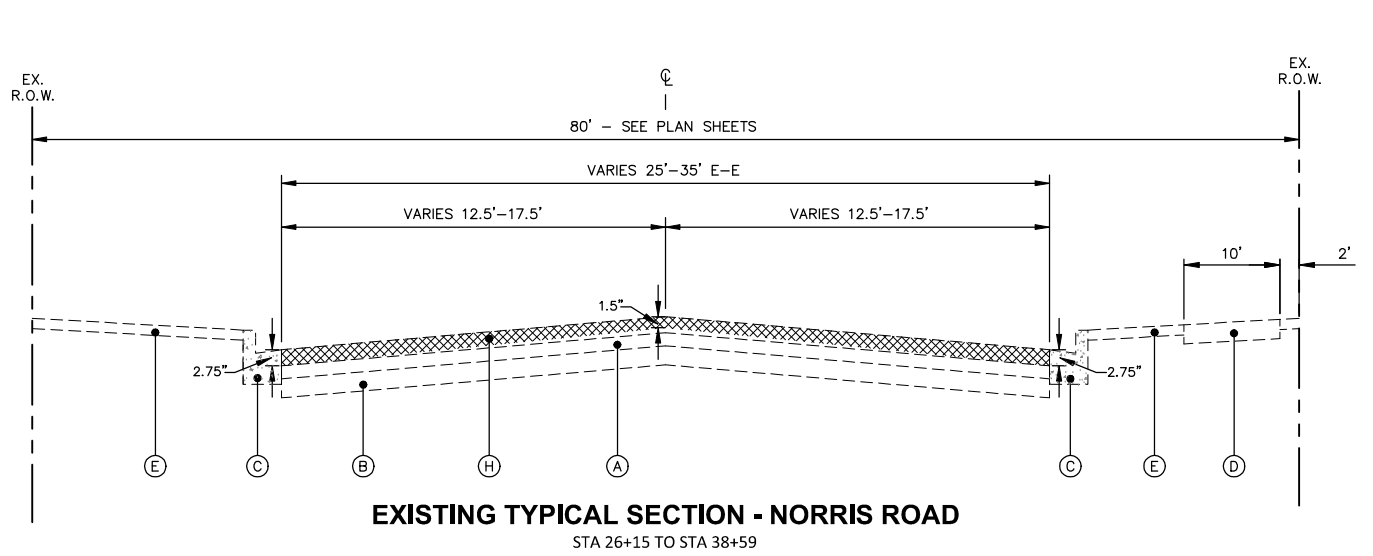
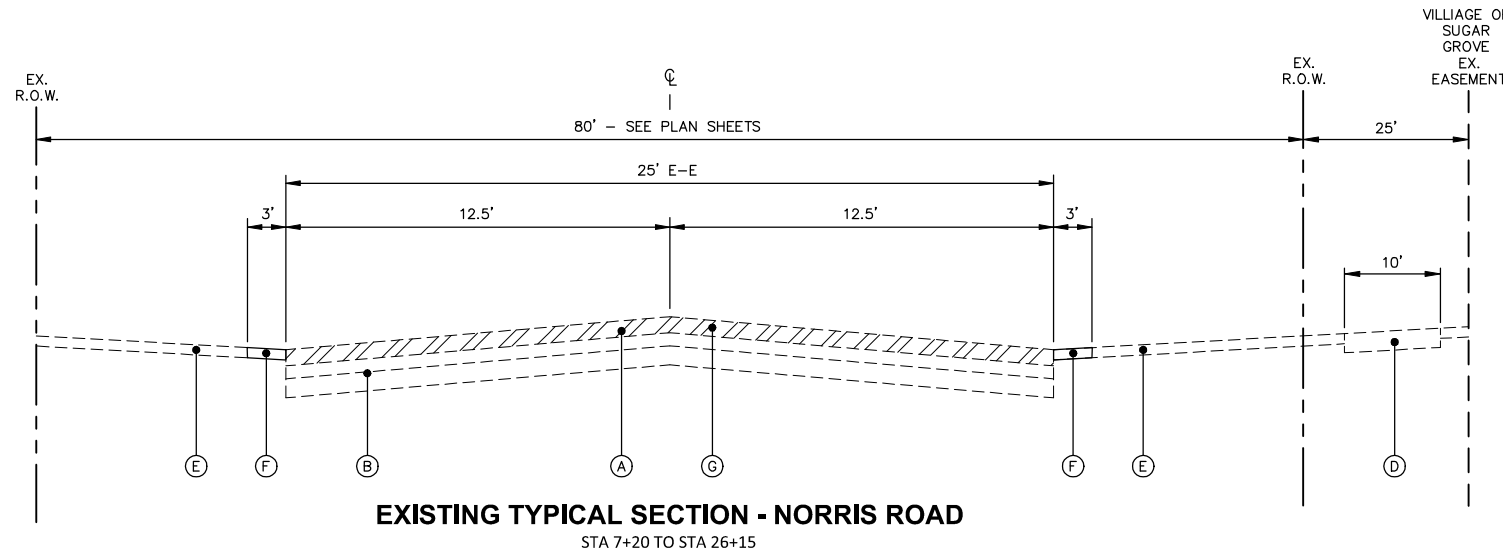
FILE NAME = \\HERCULES\EL\_STORAGE\CAD\SSKPROJ\SSUGAR GROVE\2022\SS2210\DWG FINAL ENG\SS2210-COVER Printed: February 9, 2023 @ 9:14 AM BY: Jim Schmidt - Model Name: 05 500 - 22-34

FILE NAME = \\HERCULES\EL\_STORAGE\CAD\SSKPROJ\SSUGAR GROVE\2022\SS2210\DWG FINAL ENG\SS2210-COVER

FILE NAME = \\HERCULES\EL\_STORAGE\CAD\SSKPROJ\SSUGAR GROVE\2022\SS2210\DWG FINAL ENG\SS2210-COVER

 Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eeiecb.com	USER NAME = Jim Schmidt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE. = 2303	SECTION = 22-00032-00-R5	COUNTY = KANE	TOTAL SHEETS = 23	SHEET NO. = 5	
	PLOT SCALE =	CHECKED -	REVISED -			SCALE: N.T.S.	SHEET 3 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 6147		ILLINOIS FED. AID PROJECT
	PLOT DATE = February 9, 2023 @ 9:14 AM	DATE -	REVISED -								

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**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, 5"	4% @ 70 GYR.	LR1030-2
INCIDENTAL HOT-MIX ASPHALT SURFACING	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"	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.

**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT (5.25" - 8")
- (B) EXISTING AGGREGATE BASE COURSE (8" - 16")
- (C) EXISTING COMBINATION CONCRETE CURB & GUTTER, B6.12
- (D) EXISTING HOT-MIX ASPHALT BIKE PATH
- (E) EXISTING PARKWAY
- (F) EXISTING AGGREGATE SHOULDER
- (G) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

**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, 5" (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) AGGREGATE WEDGE SHOULDER, TYPE B
- (6) TOPSOIL AND SODDING, SALT TOLERANT
- (7) INCIDENTAL HOT-MIX ASPHALT SURFACING (HOT-MIX ASPHALT BIKE PATH REMOVAL AND REPLACEMENT)

**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.



USER NAME = Jim Schmidt	DESIGNED -	REVISED -
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PLOT DATE = February 9, 2023 @ 9:14 AM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**  
 SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 2303	SECTION 22-00032-00-RS	COUNTY KANE	TOTAL SHEETS 23	SHEET NO. 6
CONTRACT NO. 61J47			ILLINOIS FED. AID PROJECT	



FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-COVER Plotter: February 9, 2023 @ 9:14 AM By: Jim Schmidt - Model Name: 08 Sign Schedule - 22x34

Norris Road							
Signing Schedule							
Station	O/S	Sign Dimensions	72000100 SIGN PANEL - TYPE 1	72400100 REMOVE SIGN PANEL ASSEMBLY - TYPE A	72800100 TELESCOPING STEEL SIGN SUPPORT	MUTCD Designation	Description
			(Sq Ft)	(Each)	(Ft)		
13+20	20' LT	30"x30",18"x18"	8.5	1	16	W1-3R, W13-1P	New Right Reverse turn Arrow with advisory speed plaque
30+40	50' LT	30"x30"	6.25	1	16	R1-1	New Stop Sign on new post
29+92	25' RT	30"x30",24"x12"	8.25		16	W11-2, W16-7P	New pedestrian sign with ahead plaque
30+80	25' RT	30"x30",24"x12"	8.25		16	W11-2, W16-9P	New pedestrian sign with arrow plaque
30+95	25' LT	30"x30",24"x12"	8.25		16	W11-2, W16-9P	New pedestrian sign with arrow plaque
33+06	25' LT	30"x30",24"x12"	8.25		16	W11-2, W16-7P	New pedestrian sign with ahead plaque
36+65	25' RT	30"x30",24"x12"	8.25		16	W11-2, W16-7P	New Bicycle sign with ahead plaque
38+43	25' RT	30"x30",24"x12"	10.5	1		W11-1, W16-9P	New Bicycle sign with arrow plaque
38+63	25' LT	30"x30",24"x12"	8.25	1		W11-1, W16-9P	New Bicycle sign with arrow plaque
38+65	55' LT	30"x30",24"x12"	8.25	1		R1-1, W4-4P	New Stop Sign with cross traffic does not stop plaque
40+96	25' LT	30"x30",24"x12"	8.25		16	W11-1, W16-7P	New Bicycle sign with ahead plaque
52+10	35' RT	30"x30"	6.25	1	16	R1-1	New stop sign on new post
60+40	25' LT	24"x30"	5	1	16	R2-1	Relocate speed limit sign on new post
<b>Total:</b>			102.5	7	160		

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 Sugar Grove, Illinois 60554  
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PLOT DATE = February 9, 2023 @ 9:14 AM	CHECKED -	REVISED -
	DATE -	REVISED -

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

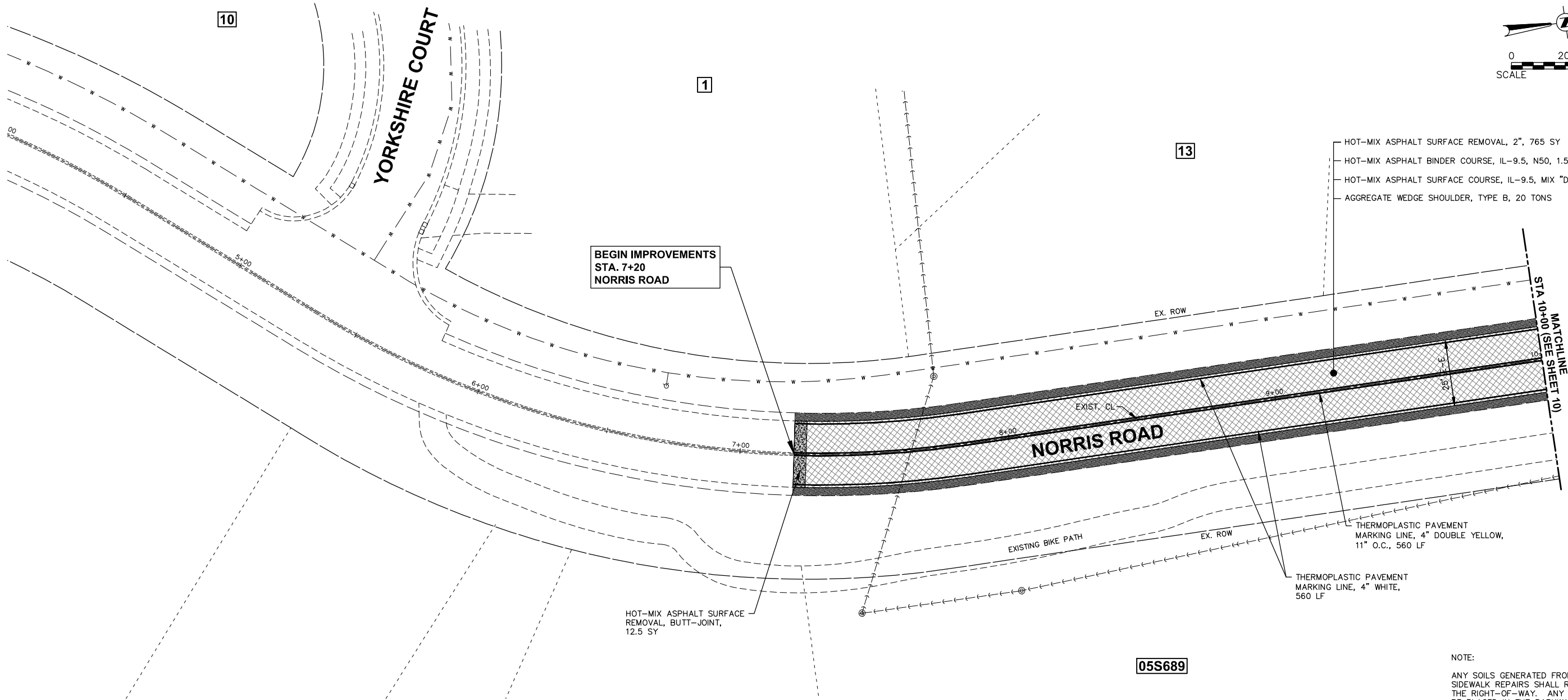
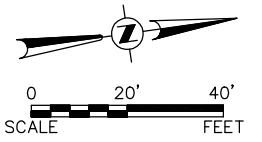
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SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2303	22-00032-00-RS	KANE	23	8
CONTRACT NO. 61J47			ILLINOIS FED. AID PROJECT	

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-COVER





- HOT-MIX ASPHALT SURFACE REMOVAL, 2", 765 SY
- HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5", 65 TONS
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5", 65 TONS
- AGGREGATE WEDGE SHOULDER, TYPE B, 20 TONS

HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT, 12.5 SY

THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE YELLOW, 11" O.C., 560 LF

THERMOPLASTIC PAVEMENT MARKING LINE, 4" WHITE, 560 LF

05S689

NOTE:  
 ANY SOILS GENERATED FROM CURB AND SIDEWALK REPAIRS SHALL REMAIN ON SITE IN THE RIGHT-OF-WAY. ANY SUCH SOIL SHALL BE PLACED IN THE PARKWAY NEAR STA 47+50 RIGHT AND AS DIRECTED BY THE ENGINEER AND RESTORED.

**LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT-JOINT
- BIKE PATH REMOVAL AND INCIDENTAL HOT-MIX ASPHALT SURFACING
- COMB CONC C&G REMOVAL AND REPLACEMENT
- SIDEWALK REMOVAL
- BIKE PATH REMOVAL
- BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- AGGREGATE WEDGE SHOULDER, TYPE B

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-PLAN Plotted: February 9, 2023 @ 9:14 AM By: Jim Schmidt - Model Name: 09 Norris Rd Plan 22x34



USER NAME = Jim Schmidt	DESIGNED -	REVISED -
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PLOT DATE = February 9, 2023 @ 9:14 AM	CHECKED -	REVISED -
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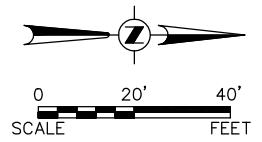
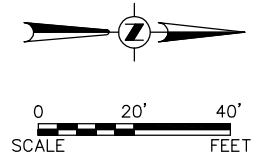
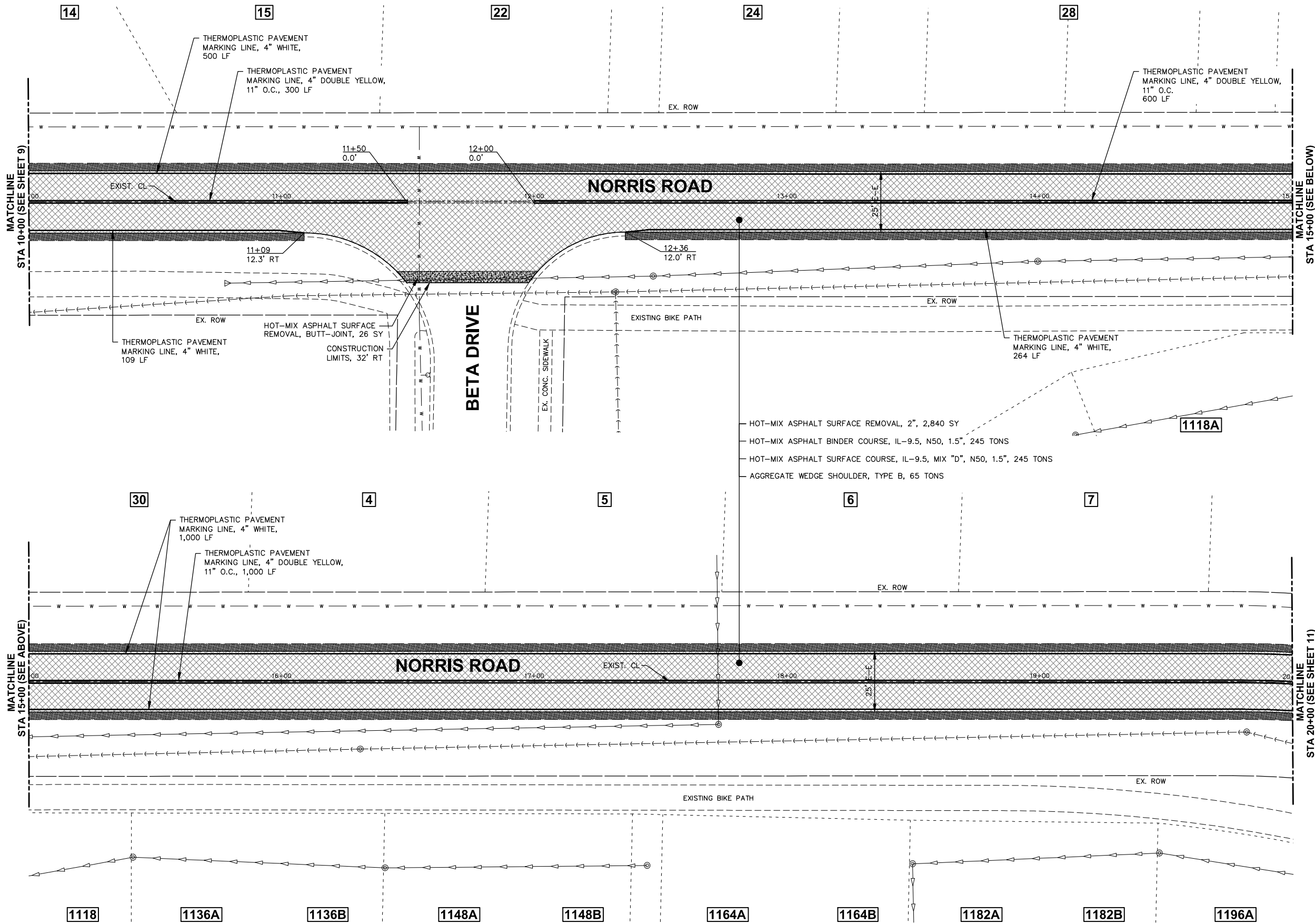
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**RESURFACING PLAN**

SCALE: 1"=20' SHEET 1 OF 7 SHEETS STA. 7+20 TO STA. 10+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2303	22-00032-00-RS	KANE	23	9
			CONTRACT NO.	61J47
ILLINOIS FED. AID PROJECT				

Plot Date: February 9, 2023 @ 9:14 AM By: Jim Schmidt - Model Name: 10 Norris Rd Plan 22x34  
 FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-PLAN



NOTE:  
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**LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT-JOINT
- BIKE PATH REMOVAL AND INCIDENTAL HOT-MIX ASPHALT SURFACING
- COMB CONC C&G REMOVAL AND REPLACEMENT
- SIDEWALK REMOVAL
- BIKE PATH REMOVAL
- BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- AGGREGATE WEDGE SHOULDER, TYPE B

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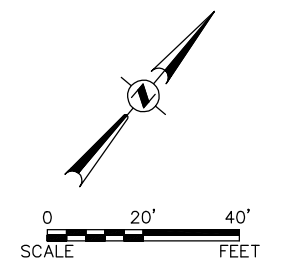
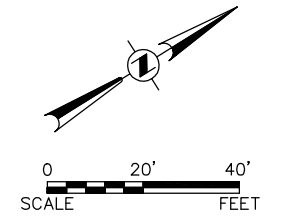
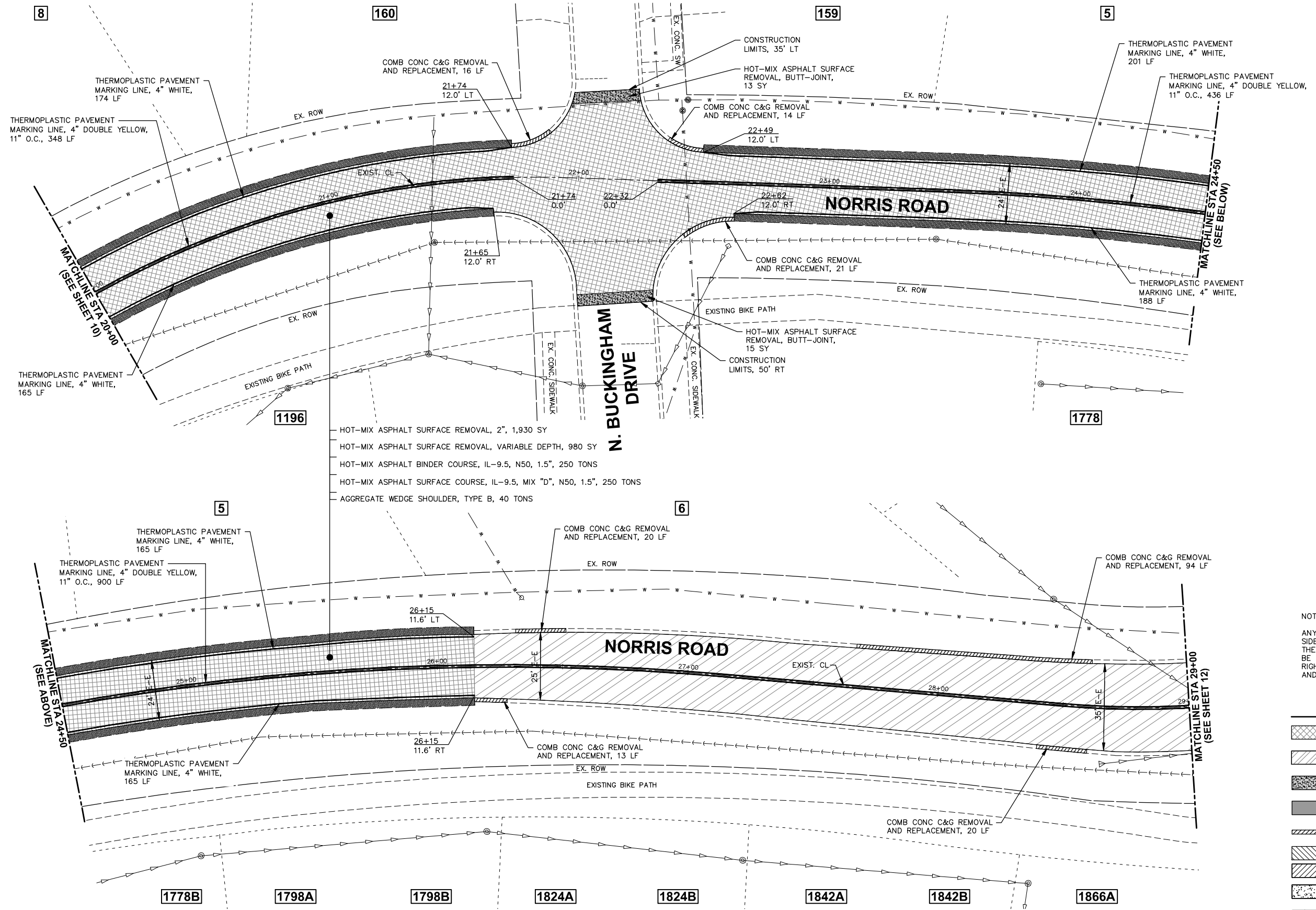
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**RESURFACING PLAN**

SCALE: 1"=20' SHEET 2 OF 7 SHEETS STA. 10+00 TO STA. 20+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2303	22-00032-00-RS	KANE	23	10
CONTRACT NO. 61J47			ILLINOIS FED. AID PROJECT	

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\ENG\SG2210-PLAN Plotted: February 9, 2023 @ 9:14 AM By: Jim Schmidt - Model Name: 11 Norris Rd Plan 22x34



NOTE:  
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**LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT-JOINT
- BIKE PATH REMOVAL AND INCIDENTAL HOT-MIX ASPHALT SURFACING
- COMB CONC C&G REMOVAL AND REPLACEMENT
- SIDEWALK REMOVAL
- BIKE PATH REMOVAL
- BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- AGGREGATE WEDGE SHOULDER, TYPE B

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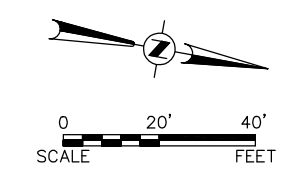
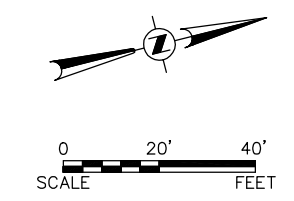
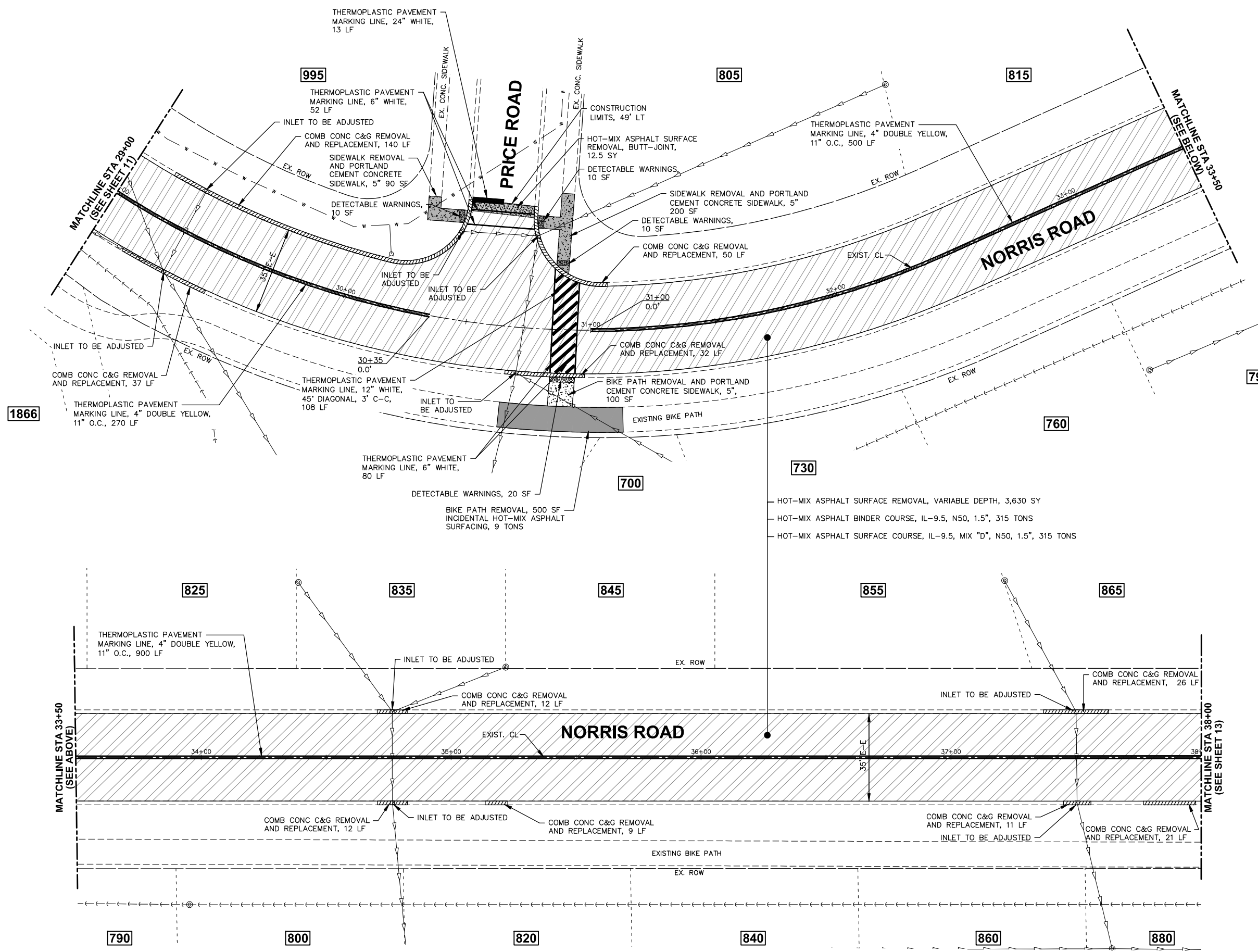
**STATE OF ILLINOIS  
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**RESURFACING PLAN**

SCALE: 1"=20'    SHEET 3 OF 7 SHEETS    STA. 20+00 TO STA. 29+00

F.A.U. RTE. 2303	SECTION 22-00032-00-RS	COUNTY KANE	TOTAL SHEETS 23	SHEET NO. 11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61J47	

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\ENG\SG2210-PLAN  
 Plotted: February 9, 2023 @ 9:14 AM By: Jim Schmidt - Model Name: 12 Norris Rd Plan 22a34



NOTE:  
 ANY SOILS GENERATED FROM CURB AND SIDEWALK REPAIRS SHALL REMAIN ON SITE IN THE RIGHT-OF-WAY. ANY SUCH SOIL SHALL BE PLACED IN THE PARKWAY NEAR STA 47+50 RIGHT AND AS DIRECTED BY THE ENGINEER AND RESTORED.

LEGEND	
	HOT-MIX ASPHALT SURFACE REMOVAL, 2"
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT-JOINT
	BIKE PATH REMOVAL AND INCIDENTAL HOT-MIX ASPHALT SURFACING
	COMB CONC C&G REMOVAL AND REPLACEMENT
	BIKE PATH REMOVAL
	BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	AGGREGATE WEDGE SHOULDER, TYPE B

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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

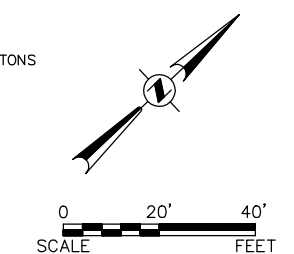
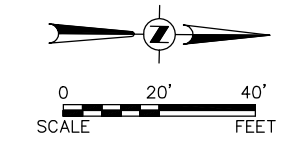
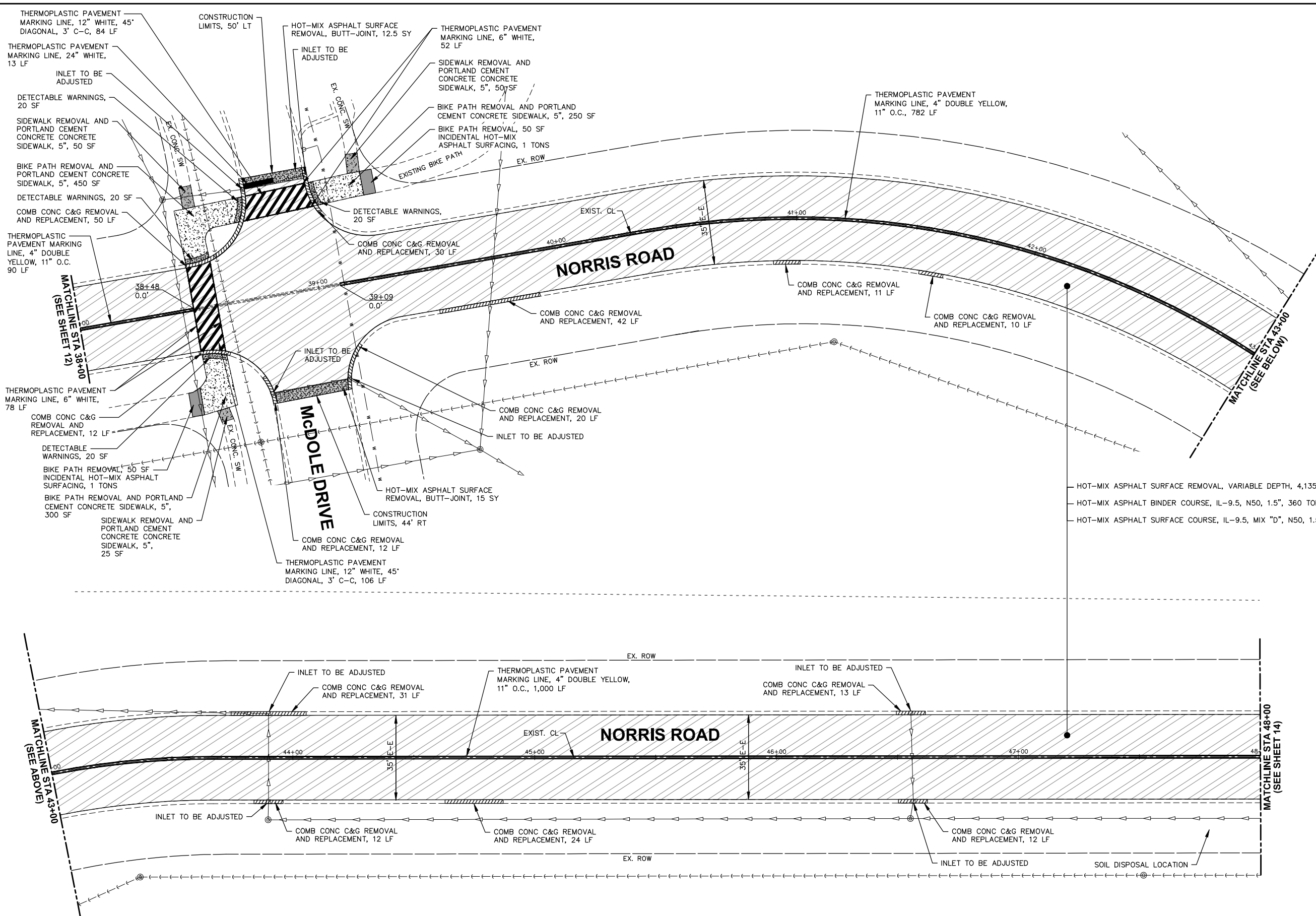
**RESURFACING PLAN**

SCALE: 1"=20'    SHEET 4 OF 7 SHEETS    STA. 29+00 TO STA. 38+00

F.A.U. RTE. 2303	SECTION 22-00032-00-RS	COUNTY KANE	TOTAL SHEETS 23	SHEET NO. 12
CONTRACT NO. 61J47			ILLINOIS FED. AID PROJECT	



FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\ENG\SG2210-PLAN  
 Plotted: February 9, 2023 @ 9:14 AM By: Jim Schmidt - Model Name: 13 Norris Rd Plan 22x34



NOTE:  
 ANY SOILS GENERATED FROM CURB AND SIDEWALK REPAIRS SHALL REMAIN ON SITE IN THE RIGHT-OF-WAY. ANY SUCH SOIL SHALL BE PLACED IN THE PARKWAY NEAR STA 47+50 RIGHT AND AS DIRECTED BY THE ENGINEER AND RESTORED.

LEGEND	
	HOT-MIX ASPHALT SURFACE REMOVAL, 2"
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT-JOINT
	BIKE PATH REMOVAL AND INCIDENTAL HOT-MIX ASPHALT SURFACING
	COMB CONC C&G REMOVAL AND REPLACEMENT
	BIKE PATH REMOVAL
	BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	AGGREGATE WEDGE SHOULDER, TYPE B

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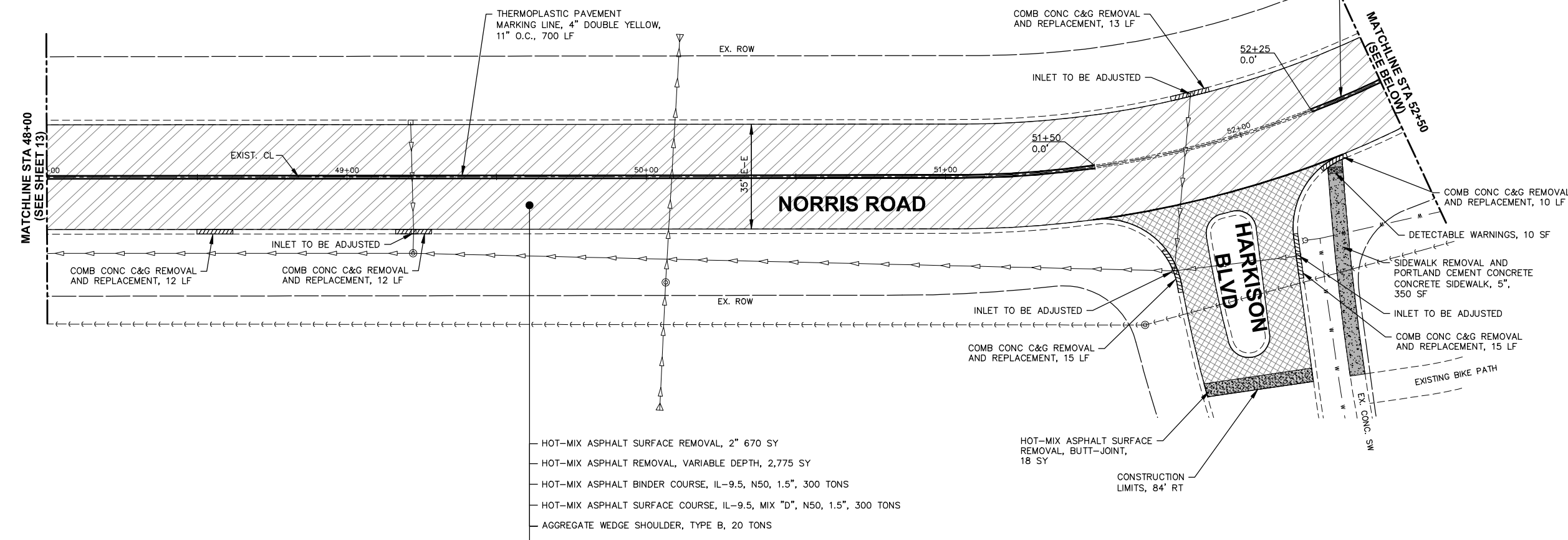
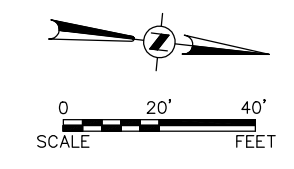
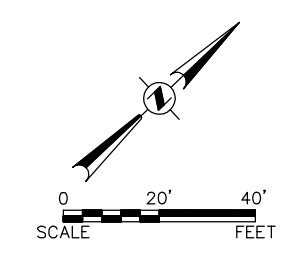
USER NAME = Jim Schmidt	DESIGNED -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

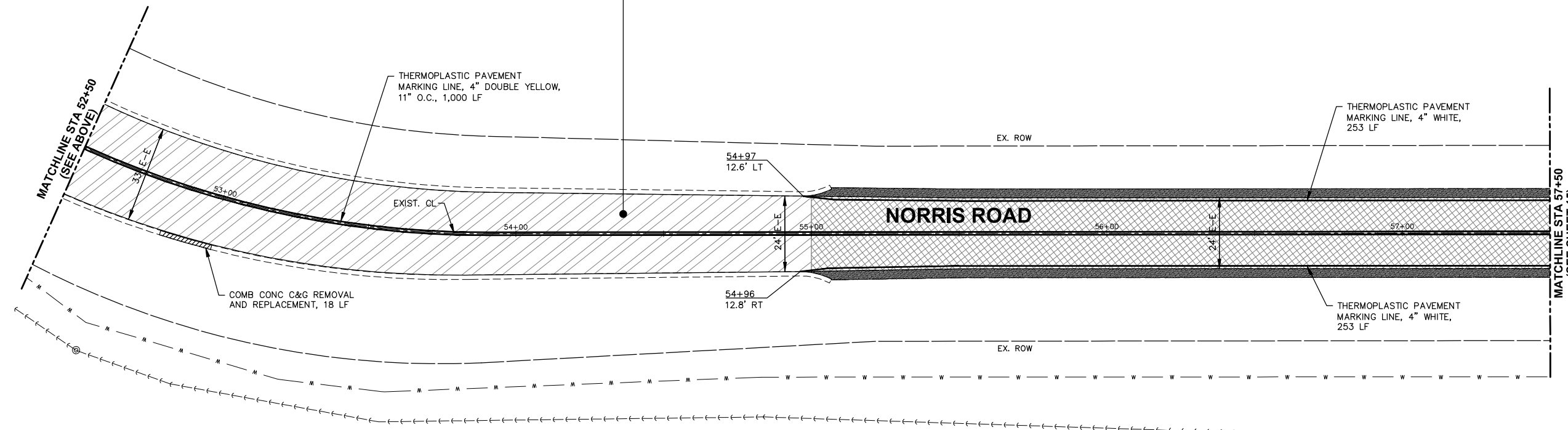
**RESURFACING PLAN**

SCALE: 1"=20'    SHEET 5 OF 7 SHEETS    STA. 38+00 TO STA. 48+00

F.A.U. RTE. 2303	SECTION 22-00032-00-RS	COUNTY KANE	TOTAL SHEETS 23	SHEET NO. 13
CONTRACT NO. 61J47			ILLINOIS FED. AID PROJECT	



- HOT-MIX ASPHALT SURFACE REMOVAL, 2" 670 SY
- HOT-MIX ASPHALT REMOVAL, VARIABLE DEPTH, 2,775 SY
- HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5", 300 TONS
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5", 300 TONS
- AGGREGATE WEDGE SHOULDER, TYPE B, 20 TONS



NOTE:  
 ANY SOILS GENERATED FROM CURB AND SIDEWALK REPAIRS SHALL REMAIN ON SITE IN THE RIGHT-OF-WAY. ANY SUCH SOIL SHALL BE PLACED IN THE PARKWAY NEAR STA 47+50 RIGHT AND AS DIRECTED BY THE ENGINEER AND RESTORED.

LEGEND	
	HOT-MIX ASPHALT SURFACE REMOVAL, 2"
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT-JOINT
	BIKE PATH REMOVAL AND INCIDENTAL HOT-MIX ASPHALT SURFACING
	COMB CONC C&G REMOVAL AND REPLACEMENT
	SIDEWALK REMOVAL
	BIKE PATH REMOVAL
	BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	AGGREGATE WEDGE SHOULDER, TYPE B

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-PLAN Plotted: February 9, 2023 @ 9:14 AM By: Jim Schmidt - Model Name: 14 Norris Rd Plan 22x34

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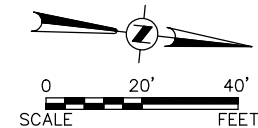
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	DATE -	REVISED -

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

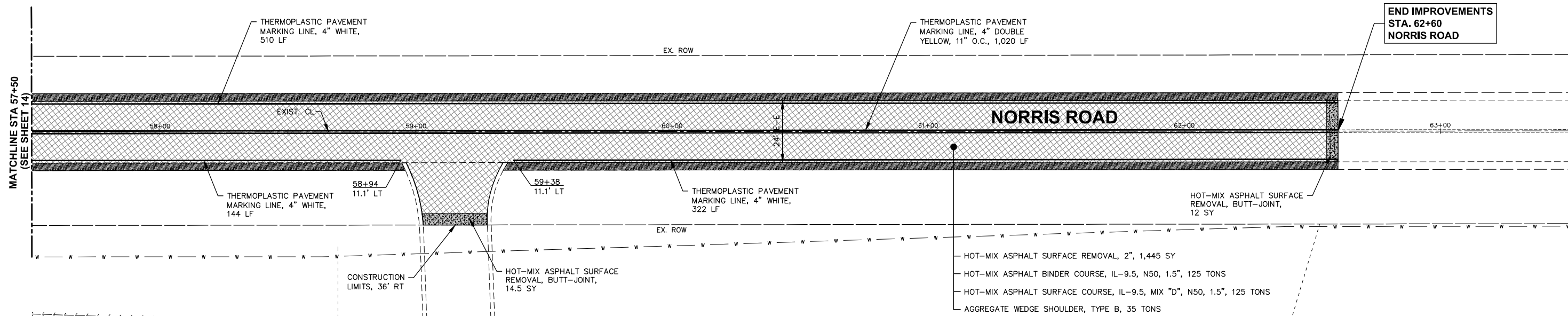
**RESURFACING PLAN**

SCALE: 1"=20'    SHEET 6 OF 7 SHEETS    STA. 48+00 TO STA. 57+50

F.A.U. RTE. 2303	SECTION 22-00032-00-RS	COUNTY KANE	TOTAL SHEETS 23	SHEET NO. 14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61J47	



40W705



END IMPROVEMENTS  
STA. 62+60  
NORRIS ROAD

- HOT-MIX ASPHALT SURFACE REMOVAL, 2", 1,445 SY
- HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5", 125 TONS
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5", 125 TONS
- AGGREGATE WEDGE SHOULDER, TYPE B, 35 TONS

NOTE:  
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**LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT-JOINT
- BIKE PATH REMOVAL AND INCIDENTAL HOT-MIX ASPHALT SURFACING
- COMB CONC C&G REMOVAL AND REPLACEMENT
- SIDEWALK REMOVAL
- BIKE PATH REMOVAL
- BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- AGGREGATE WEDGE SHOULDER, TYPE B

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\ENG\SG2210-PLAN Plotted: February 9, 2023 @ 9:14 AM By: Jim Schmidt - Model Name: 15 Norris Rd Plan 22x34

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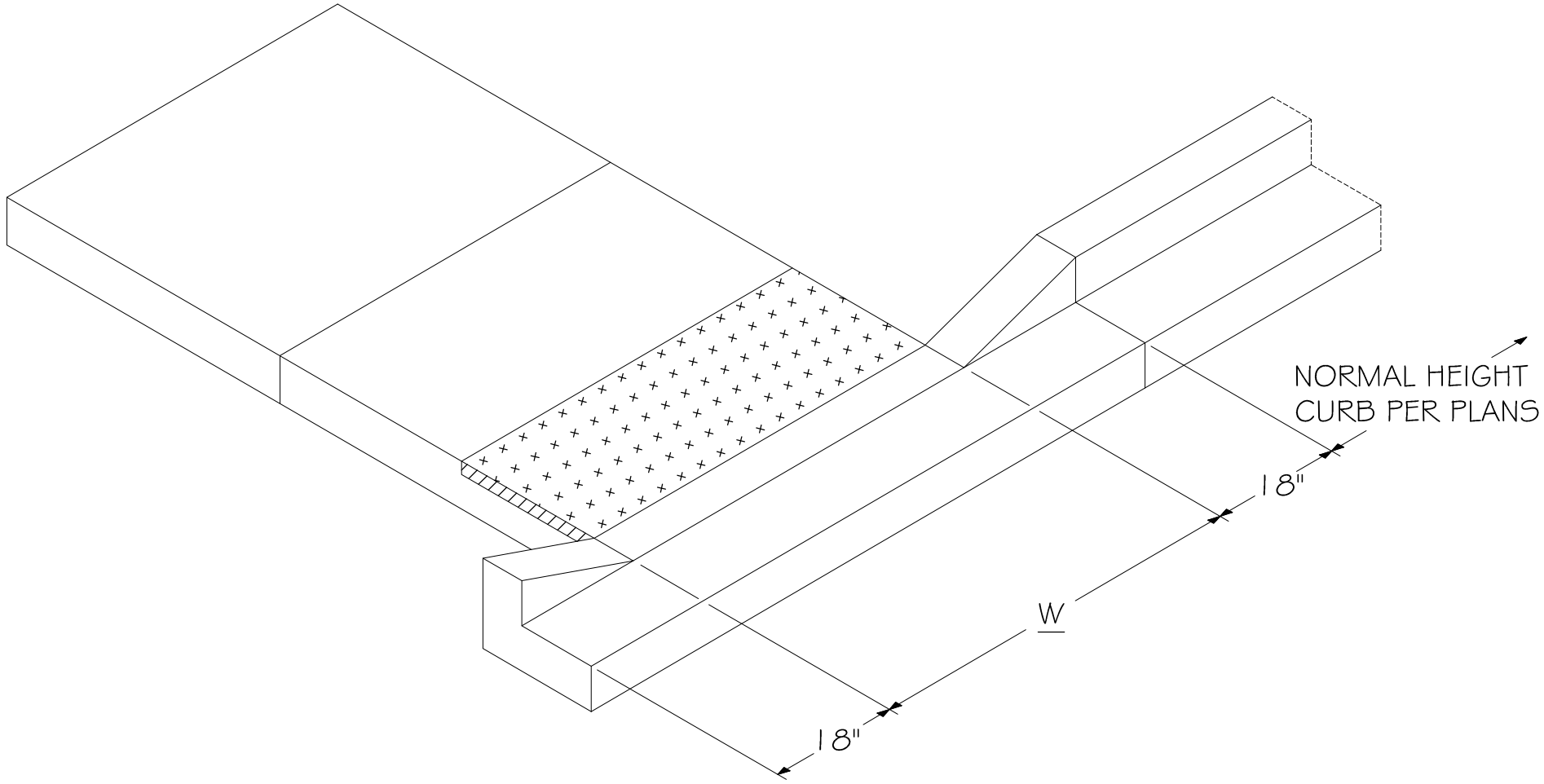
USER NAME = Jim Schmidt	DESIGNED -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RESURFACING PLAN**  
SCALE: 1"=20' SHEET 7 OF 7 SHEETS STA. 57+50 TO STA. 62+60


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2303	22-00032-00-RS	KANE	23	15
			CONTRACT NO. 6J47	
ILLINOIS FED. AID PROJECT				

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-IDOT\_DIST 1 DE PLOTTED: February 9, 2023 @ 9:15 AM By: Jim Schmidt - Model Name: 16 Village Details 22x34



**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.

	<h2>Village of Sugar Grove</h2> <p>10 Municipal Drive Sugar Grove, Illinois 60554 Phone: (630) 466-4507</p>		<p>CURB HEAD TAPER AT PEDESTRIAN RAMPS FOR SIDEWALK IN LANDSCAPED AREAS</p>	
	SCALE: N.T.S.	DETAIL NUMBER MONT. E:\DETAILS\	DRAWN: KKP	
DATE: 11/15/22		REVISED: __		

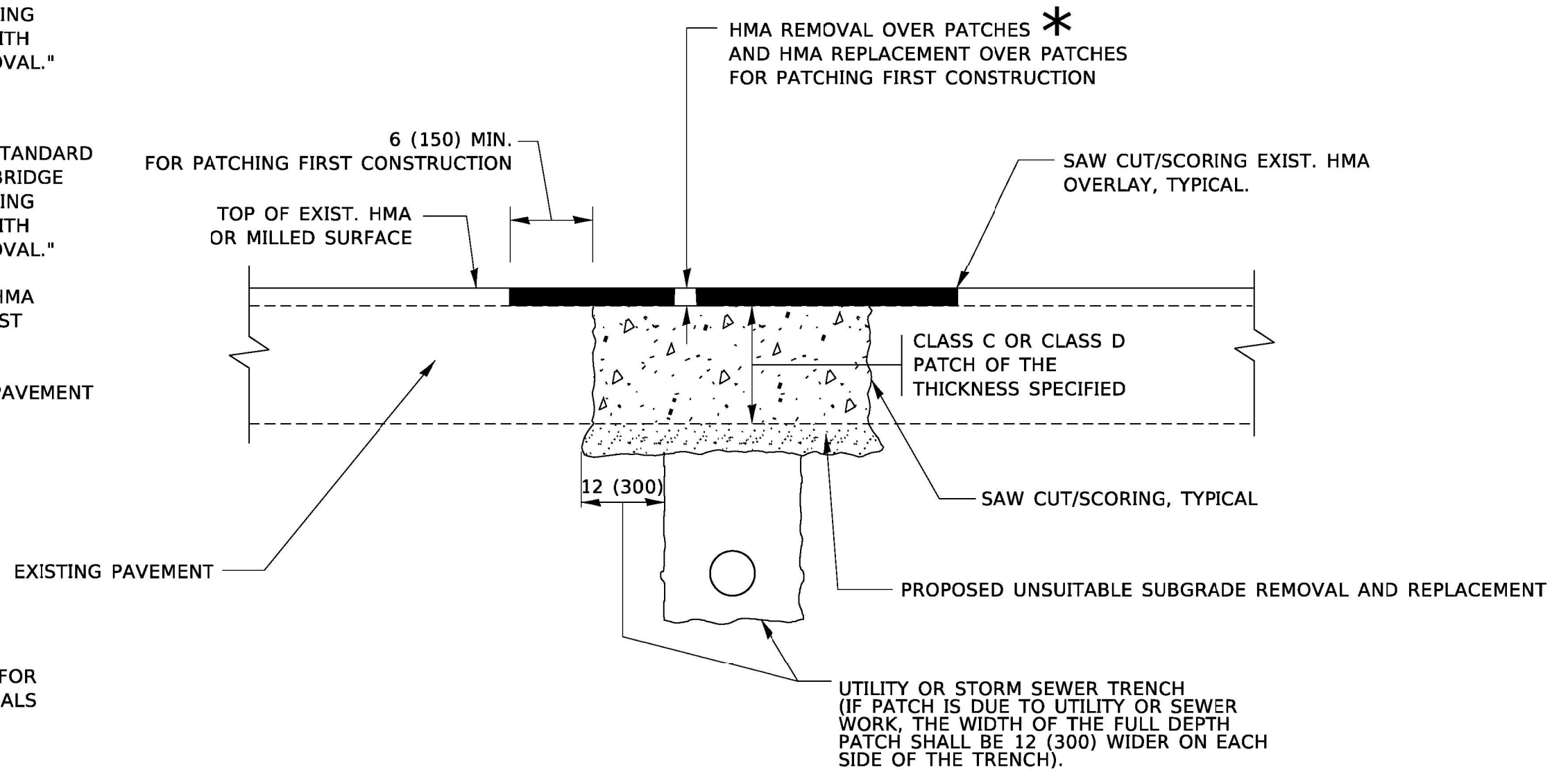


**METHOD OF MEASUREMENT**

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.

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-1DOT DIST 1 DEPlotted: February 9, 2023 @ 9:15 AM By: Jim Schmidt - Model Name: 17 bd-22



USER NAME = Jim Schmidt	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
PLOT SCALE =	CHECKED -	REVISED - R. BORO 09-04-07
PLOT DATE = February 9, 2023 @ 9:15 AM	DATE - 10-25-94	REVISED - K. ENG 10-27-08
		REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

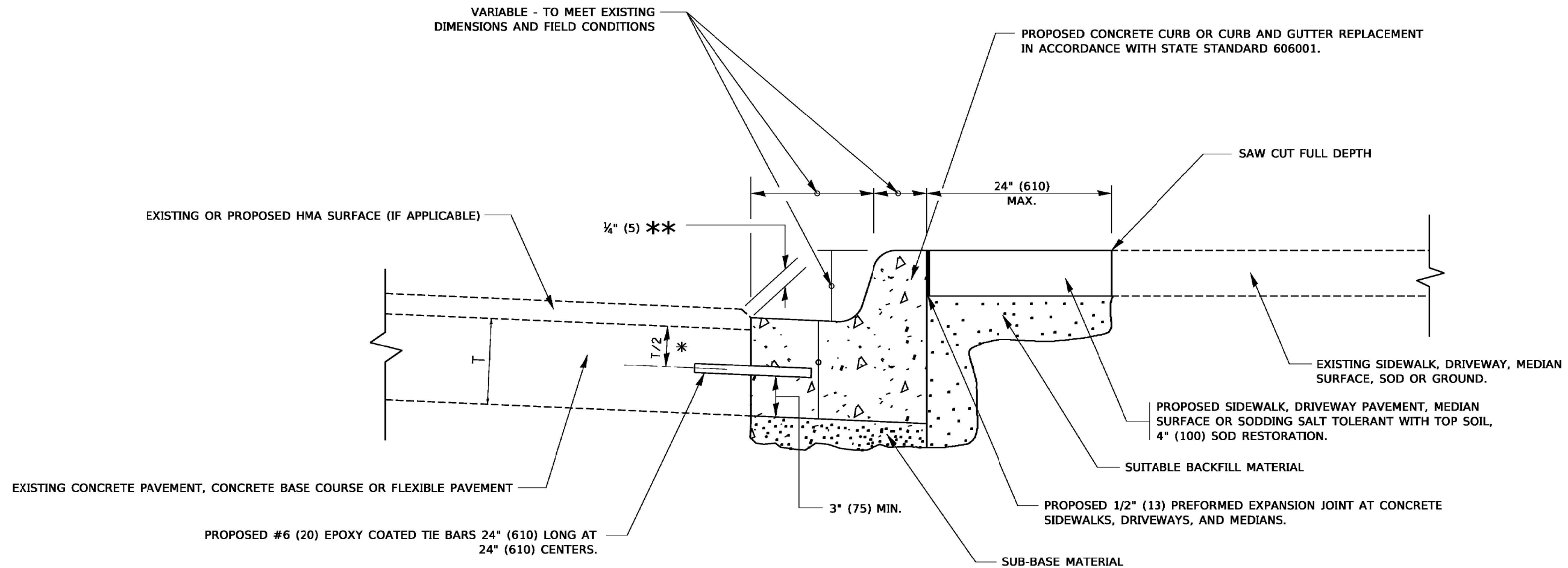
PAVEMENT PATCHING FOR  
HMA SURFACED PAVEMENT

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2303	22-00032-00-RS	KANE	23	17
CONTRACT NO. 61J47				
ILLINOIS FED. AID PROJECT				

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-1DOT DIST 1 DET

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\ENG\SG2210-1DOT DIST 1 DEPlotted: February 9, 2023 @ 9:15 AM By: Jim Schmidt - Model Name: 18 bd-24



- \* 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.



USER NAME = Jim Schmidt	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE =	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = February 9, 2023 @ 9:15 AM	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

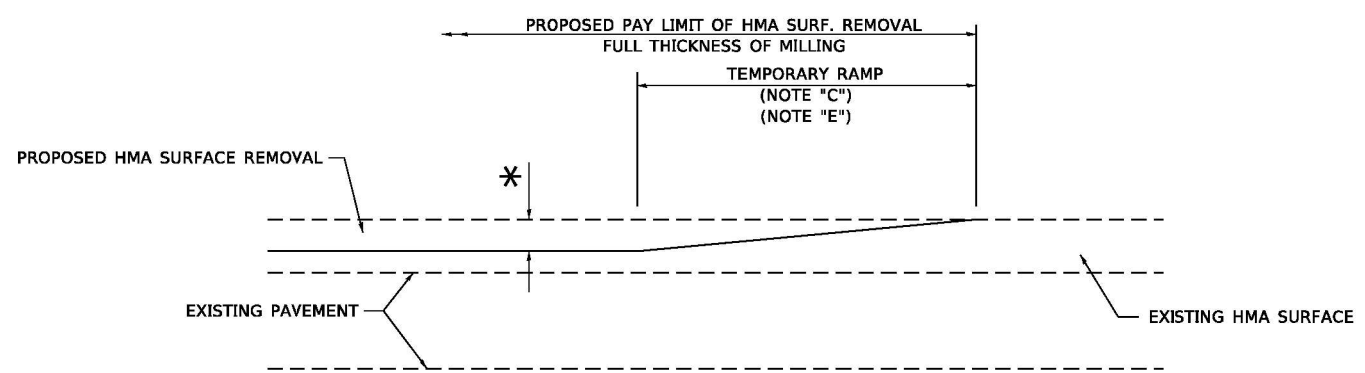
**CURB OR CURB AND GUTTER  
REMOVAL AND REPLACEMENT**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2303	22-00032-00-RS	KANE	23	18
CONTRACT NO. 61J47				
ILLINOIS FED. AID PROJECT				

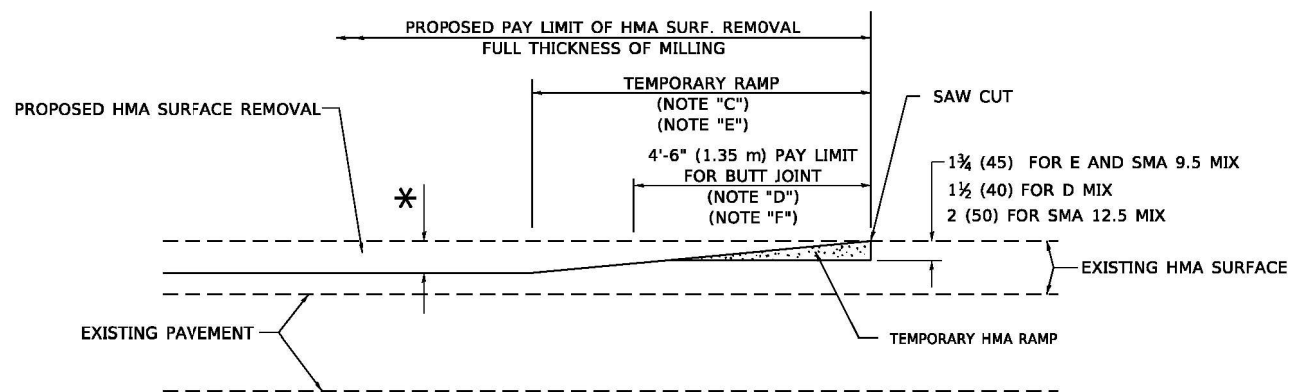
FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\ENG\SG2210-1DOT DIST 1 DEPlotted: February 9, 2023 @ 9:15 AM By: Jim Schmidt - Model Name: 18 bd-24

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\ENG\SG2210-1DOT DIST 1 DEPLOT.dwg February 9, 2023 @ 9:15 AM By: Jim Schmidt - Model Name: 19 bd-32



**MILLED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

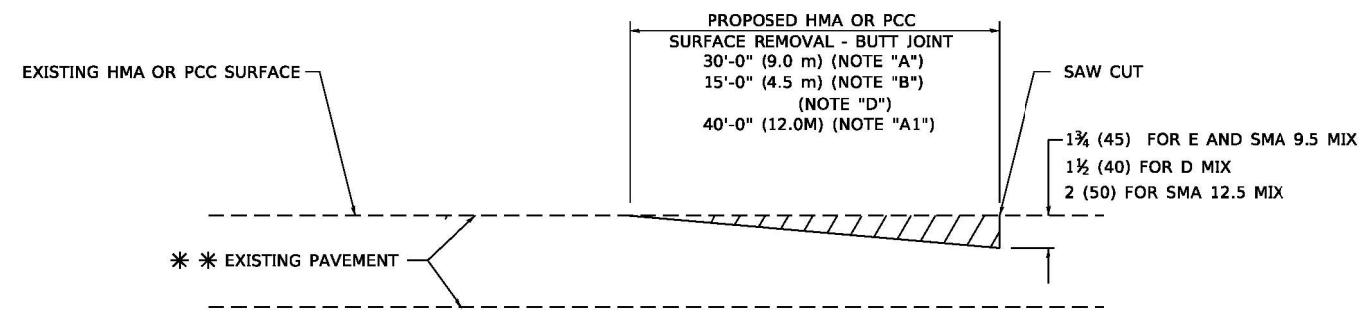
**OPTION 1**



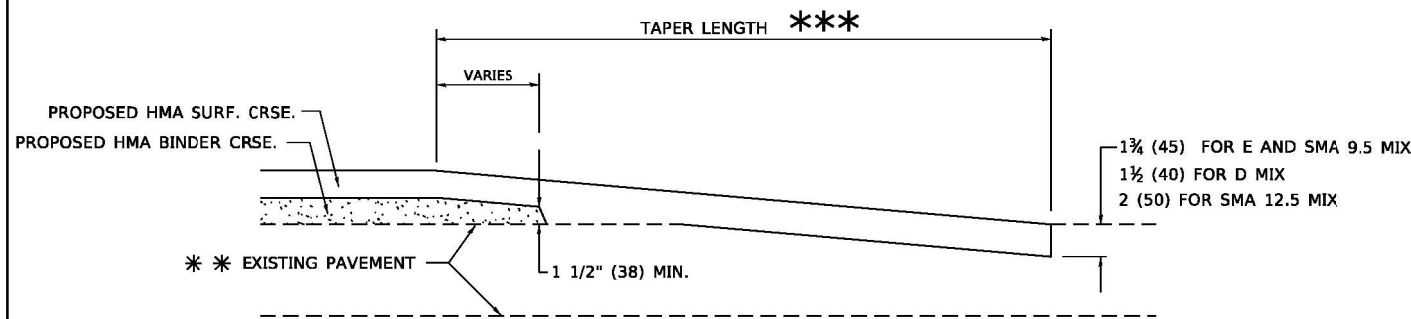
**HMA CONSTRUCTED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**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.

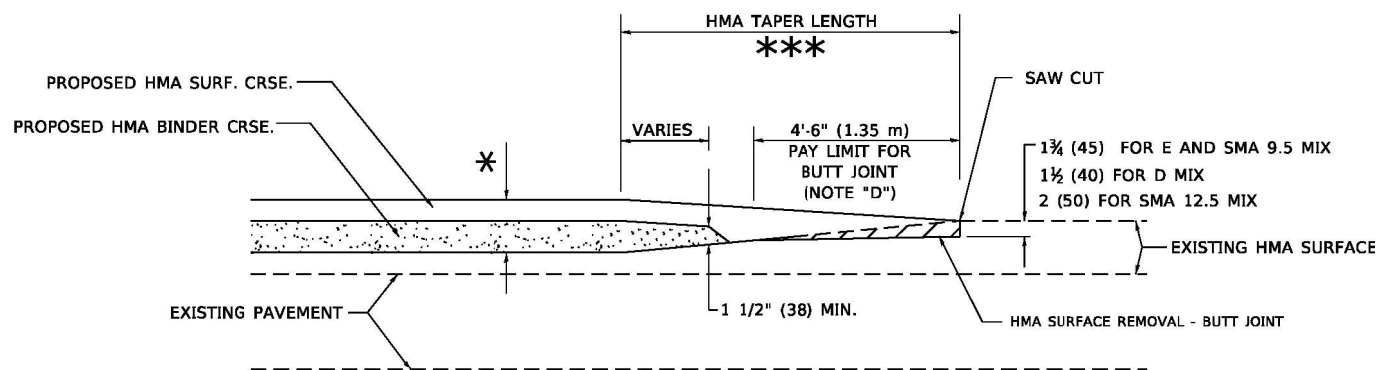
**GENERAL NOTES**

- 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.



**BUTT JOINT AND HMA TAPER**

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

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

USER NAME = Jim Schmidt	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
PLOT SCALE =	CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = February 9, 2023 @ 9:15 AM	DATE - 06-13-90	REVISED - R. BORO 01-01-07
		REVISED - K. SMITH 11-18-22

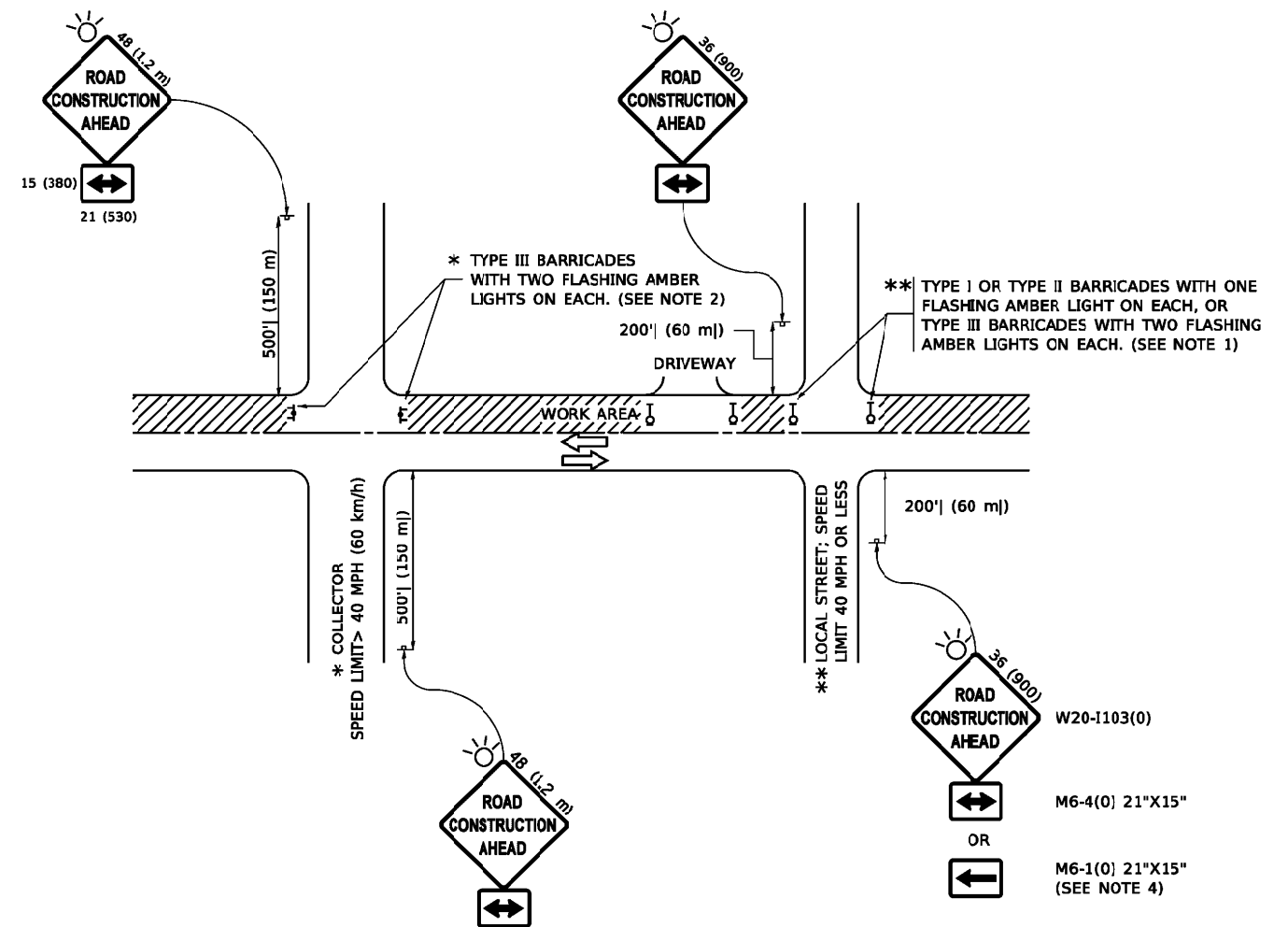
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND HMA TAPER DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2303	22-00032-00-RS	KANE	23	19
CONTRACT NO. 61J47			ILLINOIS FED. AID PROJECT	

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-IDOT\_DIST\_1\_DEP\Plotted: February 9, 2023 @ 9:15 AM By: Jim Schmidt - Model Name: 20 tc-10



**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) 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.

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

USER NAME = Jim Schmidt	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
PLOT SCALE =	CHECKED -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = February 9, 2023 @ 9:15 AM	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

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

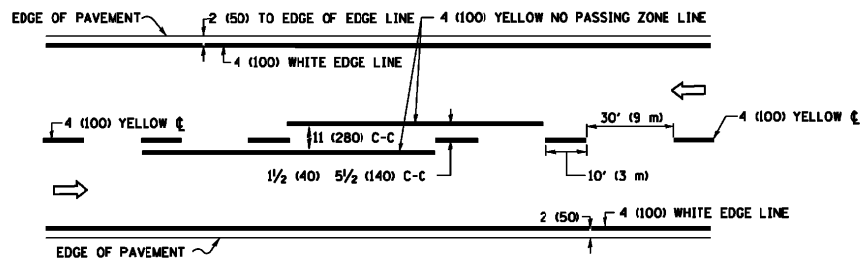
**TRAFFIC CONTROL AND PROTECTION FOR**  
**SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

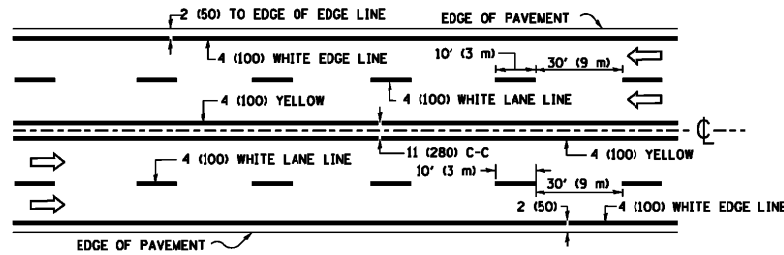
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2303	22-00032-00-RS	KANE	23	20
CONTRACT NO. 61J47			ILLINOIS FED. AID PROJECT	

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-IDOT\_DIST\_1\_DEP\Plotted: February 9, 2023 @ 9:15 AM By: Jim Schmidt - Model Name: 20 tc-10

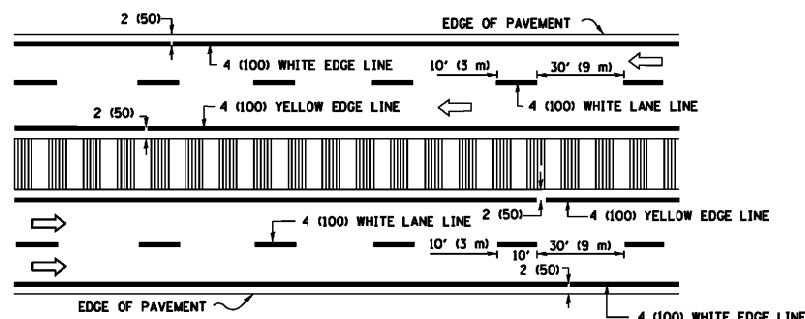




**2-LANE ROADWAY**

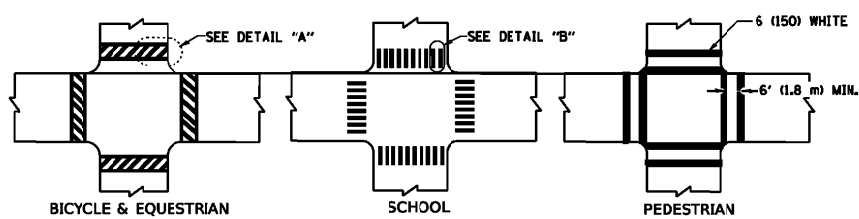


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

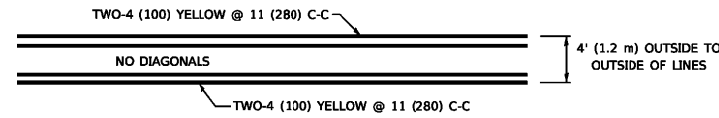


**DETAIL "A"**

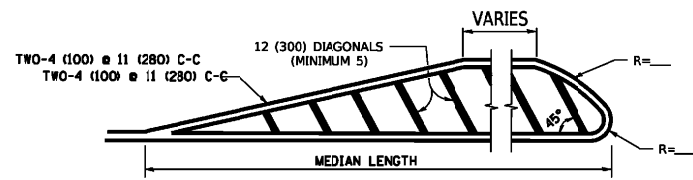
**DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

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

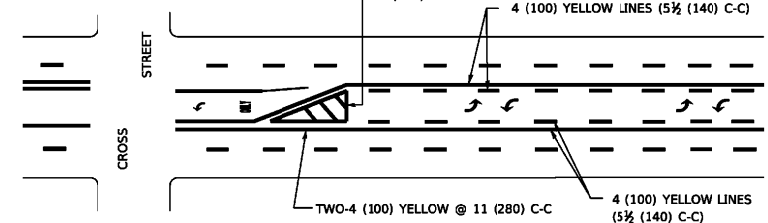


**4' (1.2 m) WIDE MEDIANS ONLY**



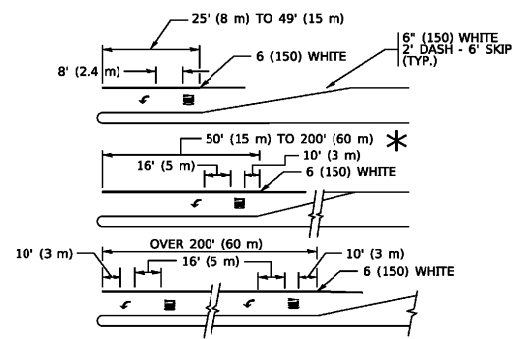
**MEDIANS OVER 4' (1.2 m) WIDE**

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))



**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**

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.

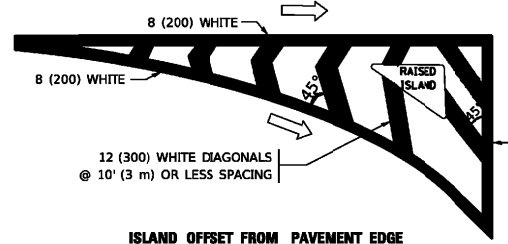


**TYPICAL LEFT (OR RIGHT) TURN LANE**

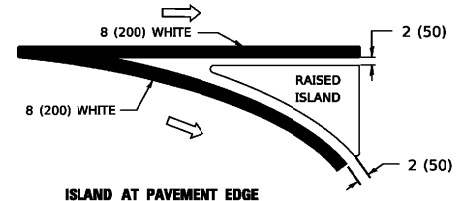
**TYPICAL TURN LANE MARKING**

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

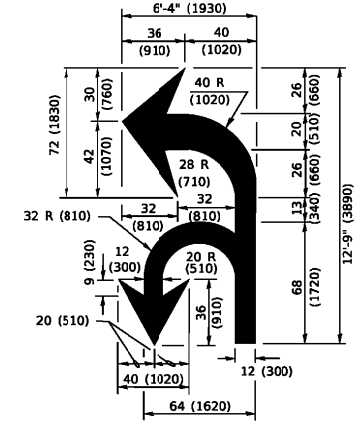


**ISLAND OFFSET FROM PAVEMENT EDGE**

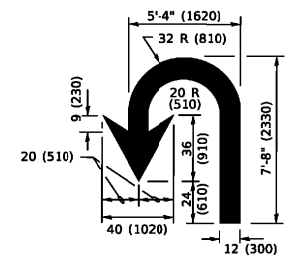


**ISLAND AT PAVEMENT EDGE**

**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 OMT 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 (30 MPH (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.

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-IDOT\_DIST\_1\_DEPLOTED: February 9, 2023 @ 9:15 AM By: Jim Schmidt - Model Name: 21 to-13

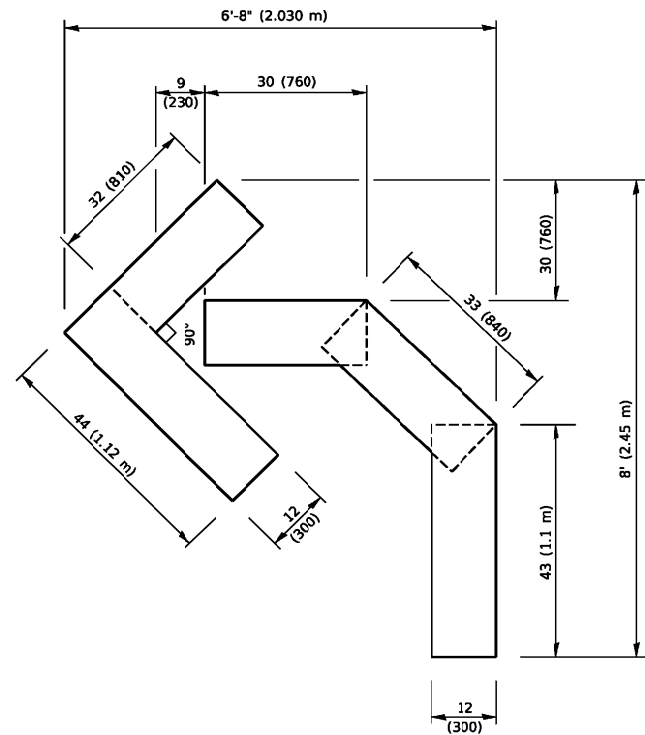
Engineering Enterprises, Inc.  
CONSULTING ENGINEERS  
52 Wheeler Road  
Sugar Grove, Illinois 60554  
630.466.6700 / www.eeiweb.com

USER NAME = Jim Schmidt	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE =	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = February 9, 2023 @ 9:15 AM	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

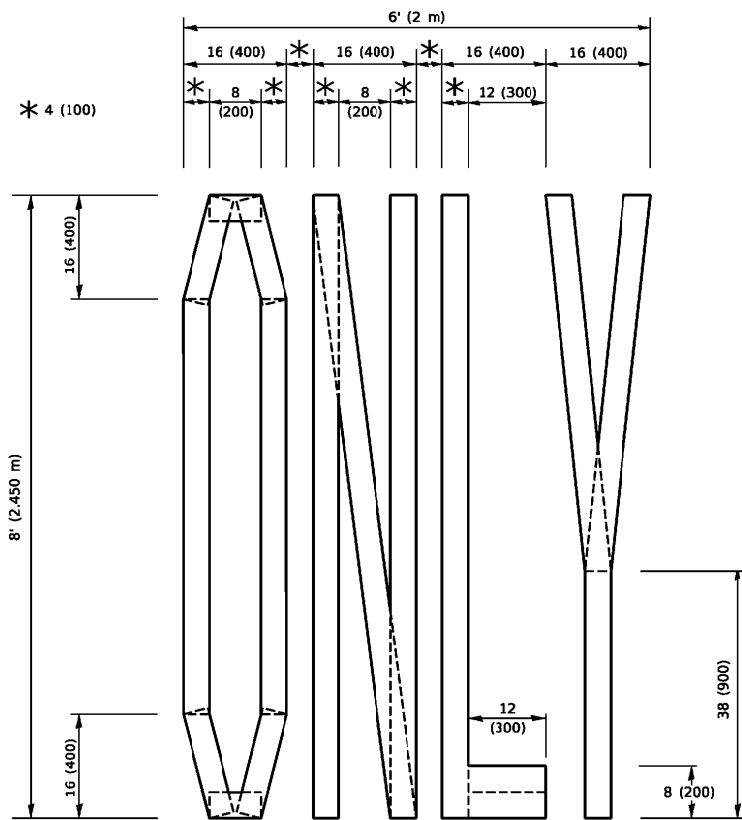
DISTRICT ONE	
TYPICAL PAVEMENT MARKINGS	
SCALE: N.T.S.	SHEET 1 OF 1 SHEETS   STA. TO STA.

F.A.U. RTE. 2303	SECTION 22-00032-00-RS	COUNTY KANE	TOTAL SHEETS 23	SHEET NO. 21
CONTRACT NO. 61J47			ILLINOIS FED. AID PROJECT	



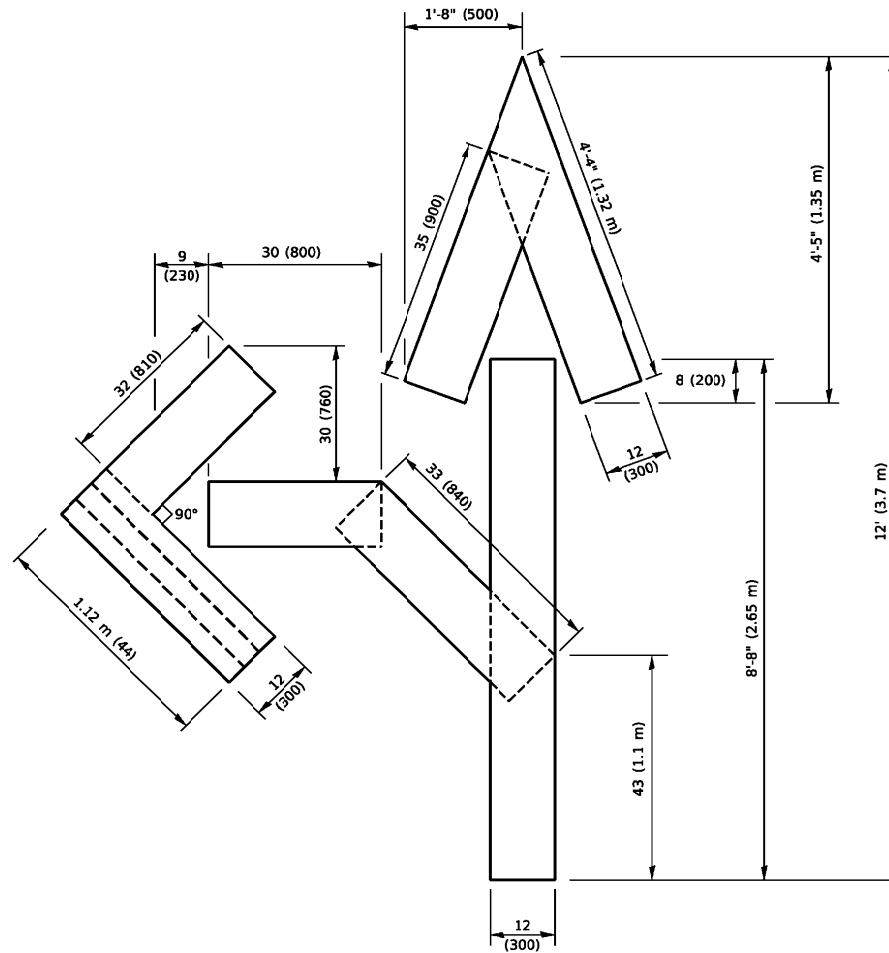
**QUANTITY**

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



**QUANTITY**

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

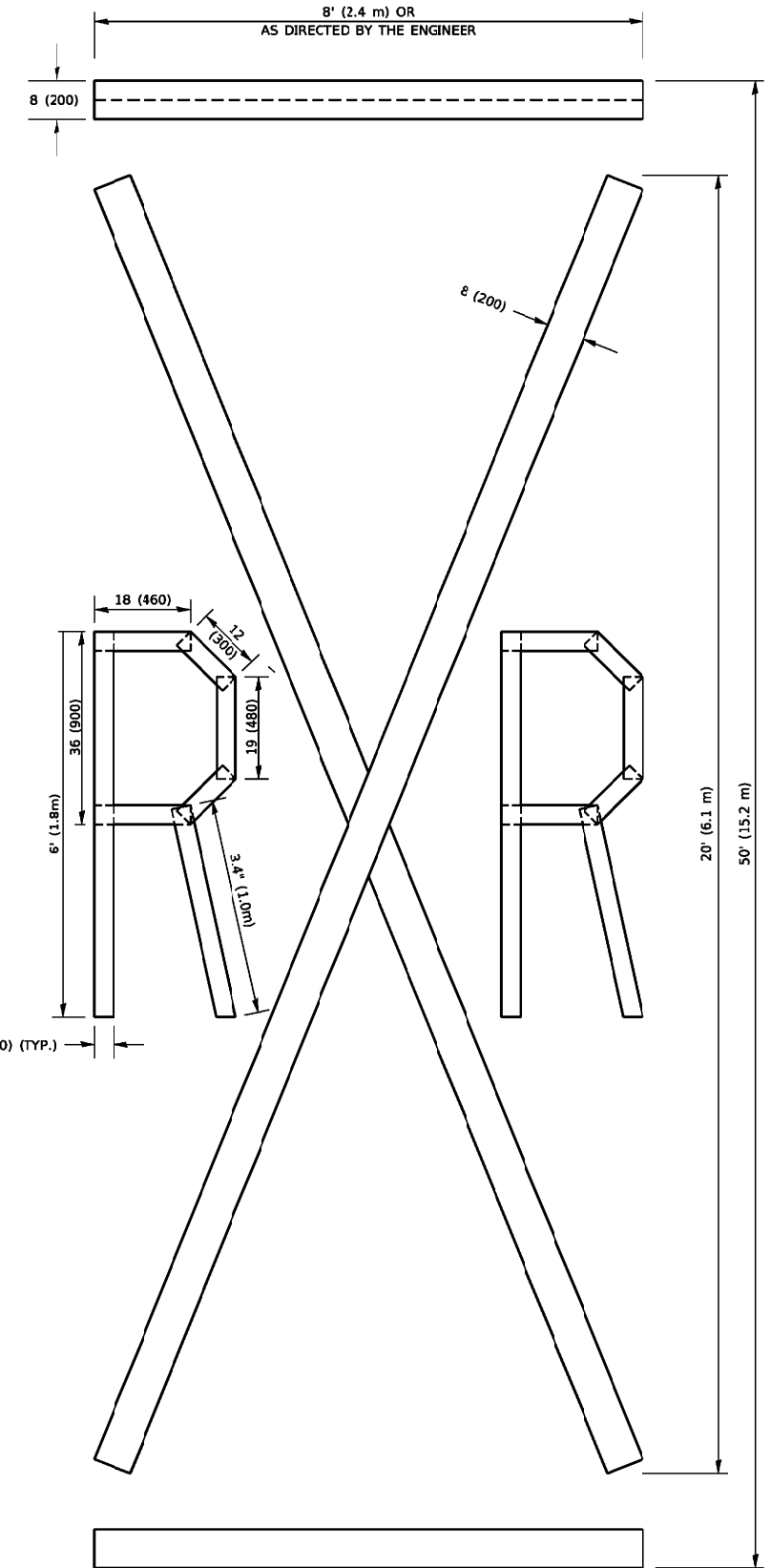


**QUANTITY**

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 = 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 = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-1DOT DIST 1 DEPlotted: February 9, 2023 @ 9:15 AM By: Jim Schmidt - Model Name: 22 tc-16

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

USER NAME = Jim Schmidt	DESIGNED -	REVISED - T.RAMMACHER 03-02-98
PLOT SCALE =	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = February 9, 2023 @ 9:15 AM	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

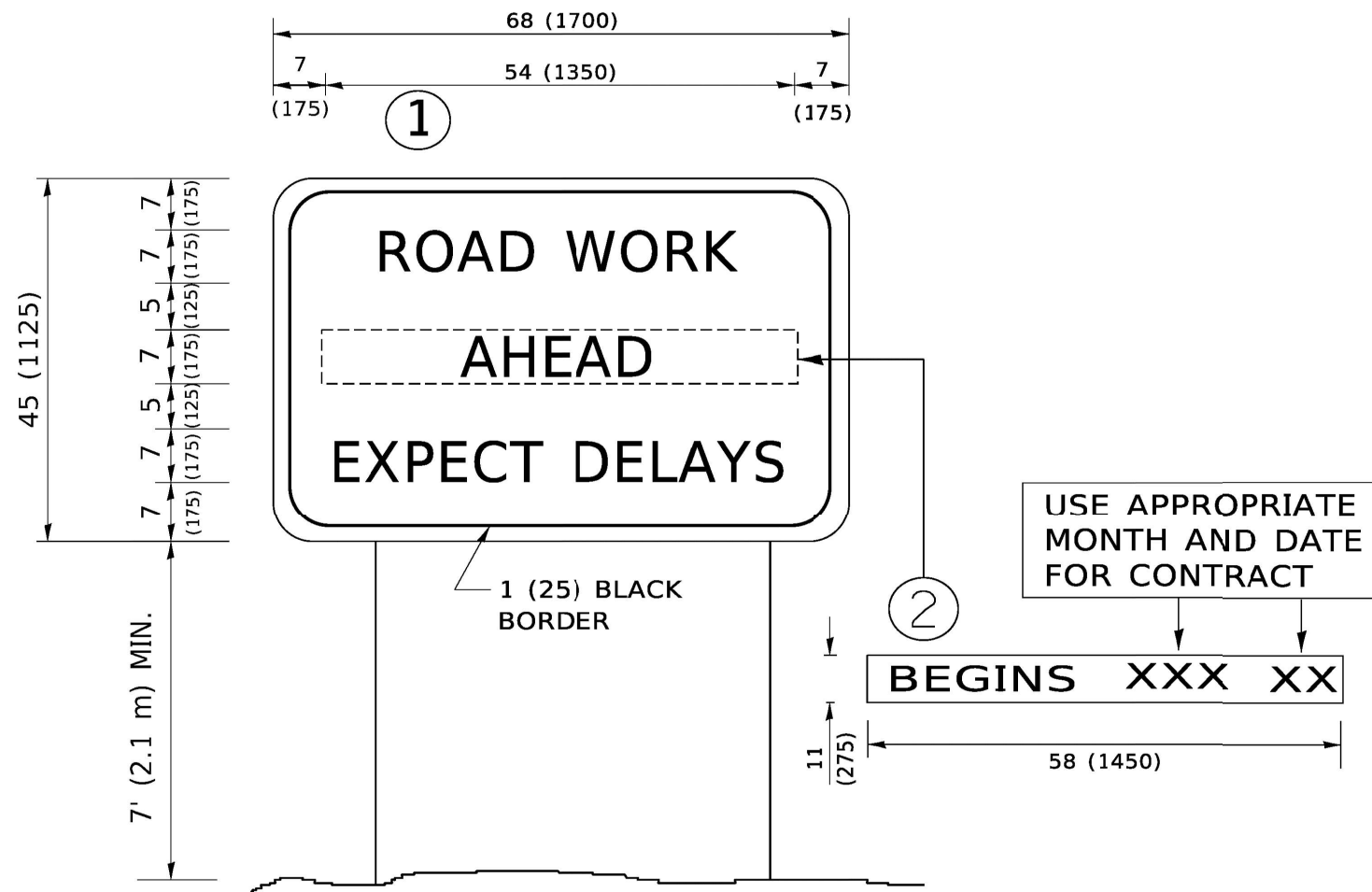
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING  
LETTERS AND SYMBOLS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2303	22-00032-00-RS	KANE	23	22
CONTRACT NO. 61J47			ILLINOIS FED. AID PROJECT	

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-1DOT DIST 1 DEPICTED: February 9, 2023 @ 9:15 AM By: Jim Schmidt - Model Name: 23 tc-22



**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.

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

USER NAME = Jim Schmidt	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE =	CHECKED -	REVISED - T.RAMMACHER 02-02-99
PLOT DATE = February 9, 2023 @ 9:15 AM	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>ARTERIAL ROAD          INFORMATION SIGN</b>		
SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2303	22-00032-00-RS	KANE	23	23
CONTRACT NO. 61J47			ILLINOIS FED. AID PROJECT	

FILE NAME = \\HERCULES\EEI\_STORAGE\CAD\SDSKPROJ\SG\_SUGAR GROVE\2022\SG2210\DWG\_FINAL\_ENG\SG2210-1DOT DIST 1 DEPICTED: February 9, 2023 @ 9:15 AM By: Jim Schmidt - Model Name: 23 tc-22