

08-01-2025 LETTING ITEM 008

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

MERRILL ROAD

DESIGN DESIGNATION
MINOR COLLECTOR
DESIGN SPEED = 45 M.P.H.
POSTED SPEED = 45 M.P.H.
AADT (2023) = 600 VPD



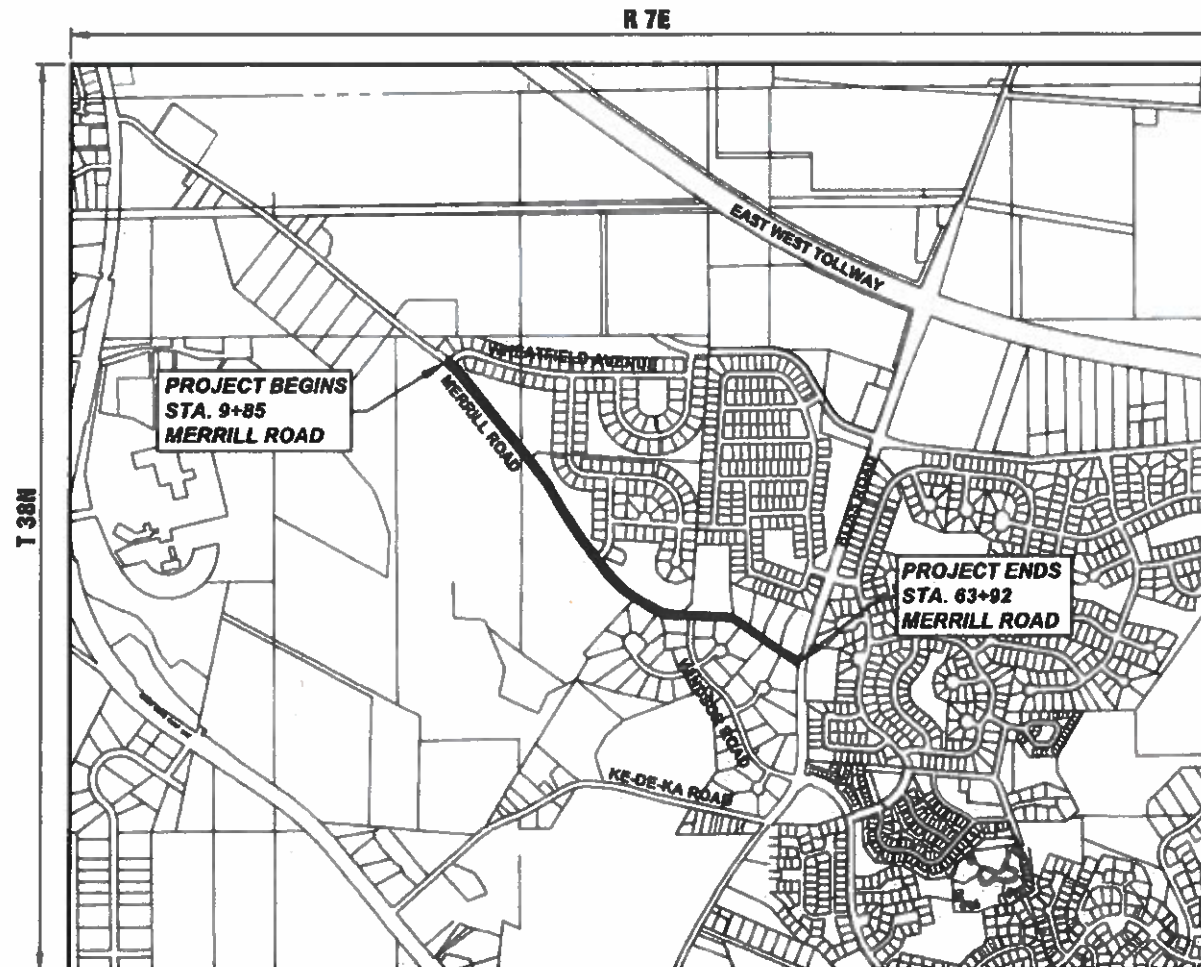
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.



CONTRACT NO. 61L61

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

MUN 2304A (MERRILL ROAD)
VILLAGE LIMITS TO BLISS ROAD
ROADWAY RESURFACING
SECTION 24-00035-00-RS
PROJECT NUMBER: GZY8 (601)
VILLAGE OF SUGAR GROVE
KANE COUNTY
JOB NO. C-91-126-25



LOCATION MAP (SCALE 1"=1000')
NE 1/4 SECTION 9, S 1/2 SECTION 4, T38N, R7E, SUGAR GROVE TOWNSHIP
GROSS LENGTH OF PROJECT = 5,407 FEET (1.024 MILES)
NET LENGTH OF PROJECT = 5,407 FEET (1.024 MILES)

P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2304	24-00035-00-RS	KANE	21	1
CONTRACT NO. 61L61				



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	<i>Christopher J. Ott</i> MAY 12, 2025 VILLAGE OF SUGAR GROVE, VILLAGE ENGINEER
PASSED	<i>May 29, 2025</i> DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<i>May 29, 2025</i> MECHANICAL ENGINEER

DATE: <i>5/12/25</i> <i>Ch J Ott</i> CHRISTOPHER J. OTT	
LICENSE EXPIRES: NOVEMBER 30, 2026	
SHEETS: 1-21	

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
Phone: (630) 486-8700

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

FILE NAME = H:\SDSPPROJ\SG_SUGAR GROVE\2024\SG2410.DWG FINAL ENG\SG2410-COVER
Plotted: May 12, 2025 @ 4:03 PM By: Kris Pung - Model Name: 02 Index - 22x34

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, 2025, 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.

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
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALK
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
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
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY 45 MPH OR MORE
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
701901-10	TRAFFIC CONTROL DEVICES
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
8-13	RESURFACING PLAN
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

	HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
	COMB CONC C&G REMOVAL AND REPLACEMENT
	HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
	BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	BIKE PATH REMOVAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, HIGHWAY STANDARDS,
LEGEND AND INDEX OF SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2304	24-00035-00-RS	KANE	21	2
		CONTRACT NO. 61L61		
ILLINOIS FED. AID PROJECT				

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

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630.466.6700 / www.eeiweb.com

USER NAME = Kris Pung	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = May 12, 2025 @ 4:03 PM	DATE -	REVISED -

Plotted: May 12, 2025 @ 4:04 PM By: Kris Pung - Model Name: 04_SCD - 22.34

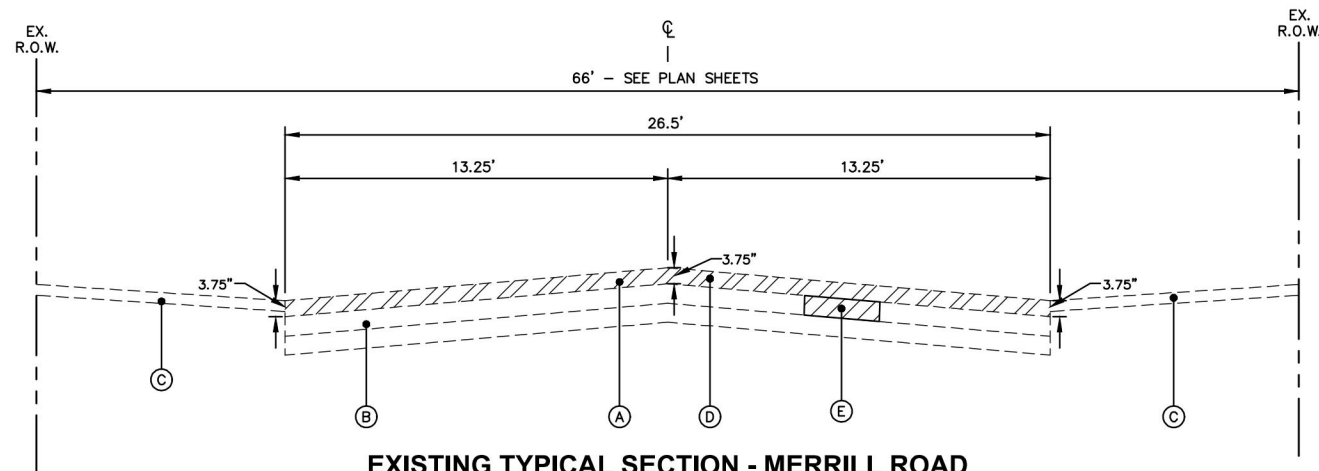
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CODE NUMBER	ITEM DESCRIPTION	UNIT	ROADWAY	
			75% FEDERAL	25% LOCAL 0005
44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	170	
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	510	
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	76	
67100100	MOBILIZATION	L SUM	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDAARD 701801	L SUM	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	900	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	300	
70300221	TEMPORARY PAVEMENT MARKINGS - LINE 4" - PAINT	FOOT	1,500	
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	15.6	
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21,565	
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	179	
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	50	
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	33	
X0327036	BIKE PATH REMOVAL	SQ YD	24	
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	1	

Δ INDICATES SPECIALTY ITEM

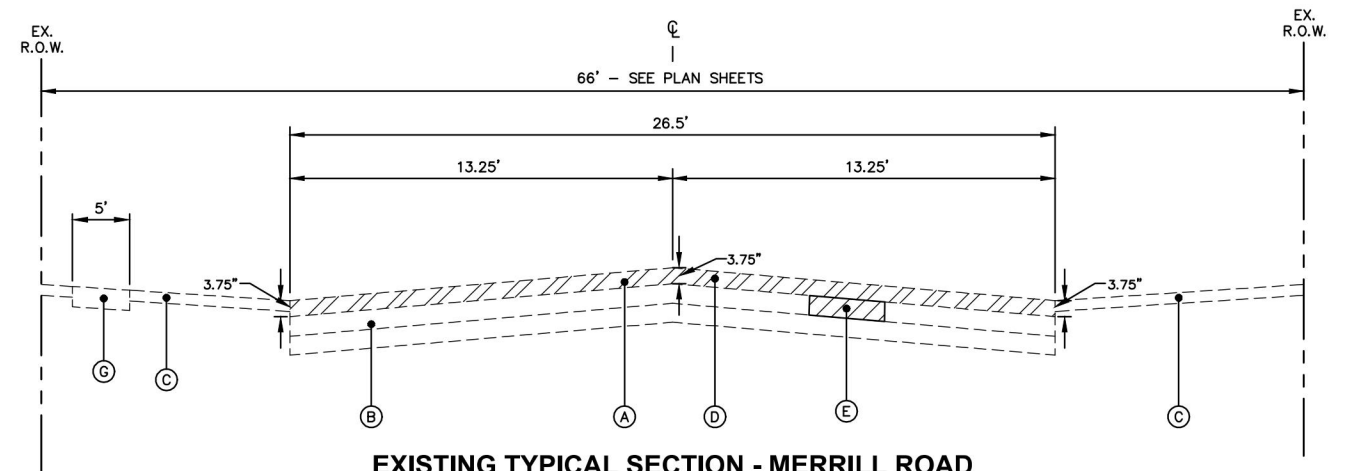
<div>EEI</div>	Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.ceiweb.com		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	USER NAME = Kris Pung		DESIGNED -	REVISED -					2304	24-00035-00-RS	KANE	21	4		
	PLOT SCALE =		DRAWN -	REVISED -											
	PLOT DATE = May 12, 2025 @ 4:04 PM		CHECKED -	REVISED -											
		PLOT DATE	DATE	REVISED	SCALE: N.T.S.				SHEET 2	OF 3	SHEETS	STA. N/A	TO STA. N/A	ILLINOIS FED. AID PROJECT	
														CONTRACT NO. 61L61	

PRINTED: MAY 12, 2025 @ 4:04 PM BY: KRIS PUNG - MODEL NAME: 04_SCD - 22.34



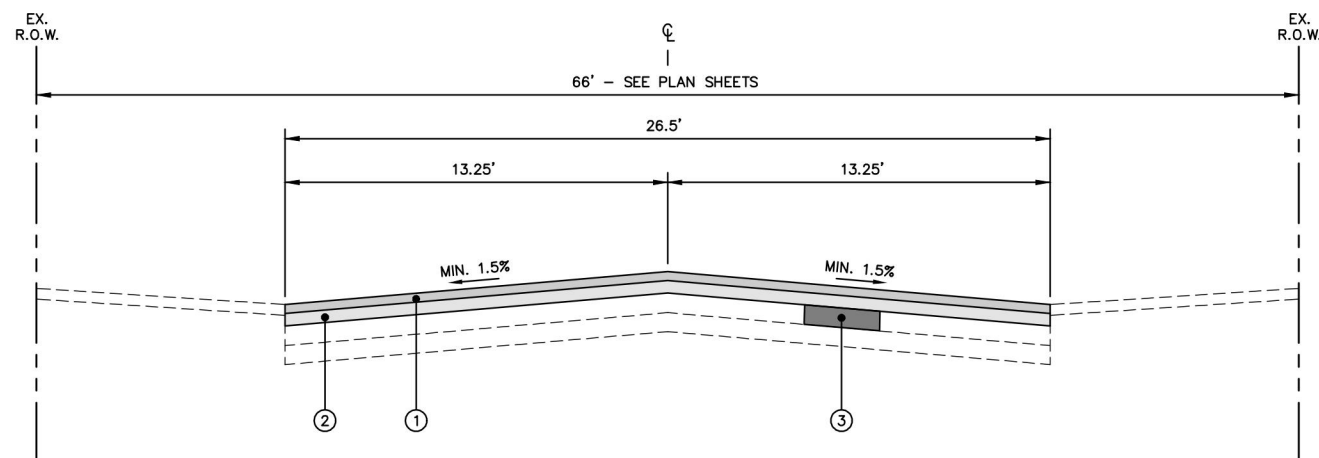
EXISTING TYPICAL SECTION - MERRILL ROAD

STA 9+85 TO STA 48+95
STA 50+00 TO STA 60+40



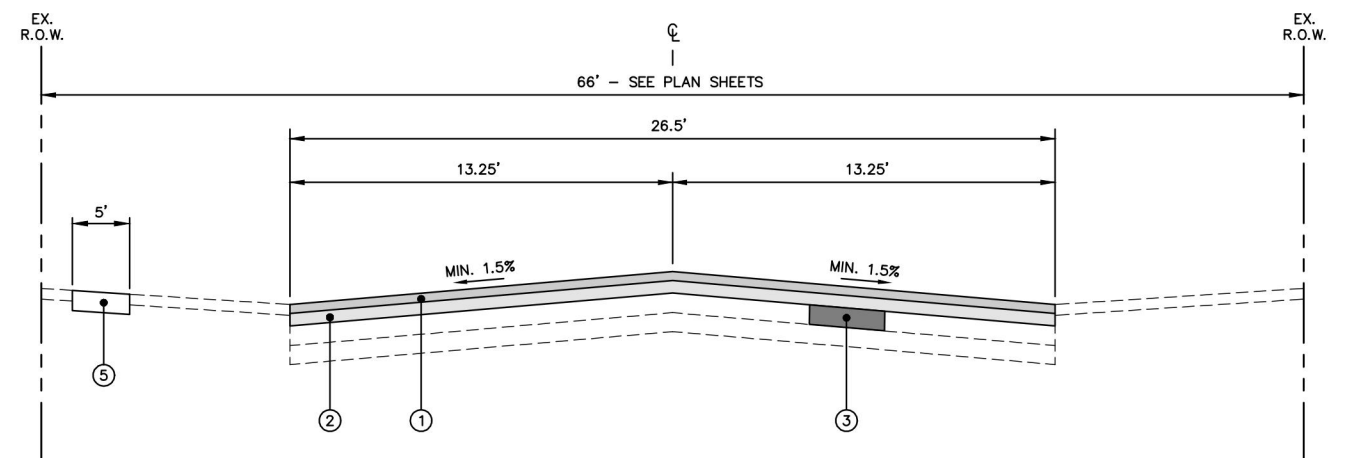
EXISTING TYPICAL SECTION - MERRILL ROAD

STA 48+95 TO STA 50+00



PROPOSED TYPICAL SECTION - MERRILL ROAD

STA 9+85 TO STA 48+95
STA 50+00 TO STA 60+40



PROPOSED TYPICAL SECTION - MERRILL ROAD

STA 48+95 TO STA 50+00

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

OPERATION	MIXTURE TYPE	AIR VOIDS ⑤ NDES	QMP
PAVEMENT RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"	4% ⑤ 50 GYR. 4% ⑤ 50 GYR.	LR1030-2 LR1030-2
CLASS D PATCHES	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 5"	4% ⑤ 50 GYR.	LR1030-2
HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% ⑤ 50 GYR.	LR1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2.			

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 (6" - 9")
- (B) EXISTING AGGREGATE BASE COURSE (6" - 11")
- (C) EXISTING PARKWAY
- (D) HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
- (E) HOT-MIX ASPHALT PARTIAL DEPTH REMOVAL, 5"
- (F) EXISTING COMBINATION CONCRETE CURB & GUTTER
- (G) EXISTING SIDEWALK



PROPOSED LEGEND

- | | | |
|---|---|--|
|  | ① | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5" |
|  | ② | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25" |
|  | ③ | CLASS D PATCH, 5"
(LOCATIONS TO BE DETERMINED BY ENGINEER) |
| | ④ | COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
(LOCATIONS TO BE DETERMINED BY ENGINEER) |
| | ⑤ | PORTLAND CEMENT CONCRETE SIDEWALKS, 5" REMOVAL AND REPLACEMENT
(LOCATIONS TO BE DETERMINED BY ENGINEER) |
| | ⑥ | TOPSOIL AND SODDING, SALT TOLERANT |

NOTES:

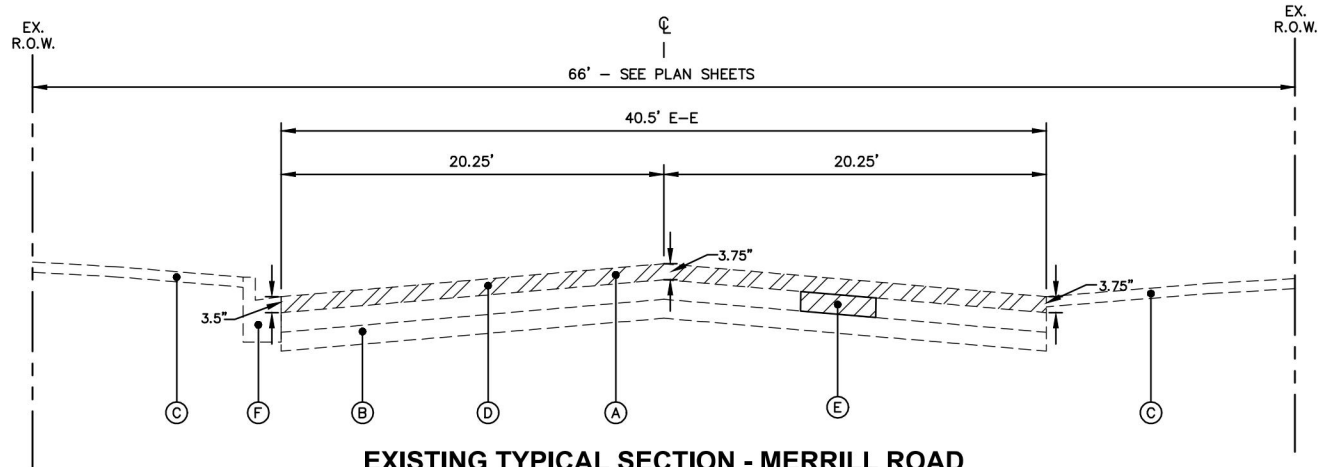
THE PATCHING QUANTITIES HAVE BEEN ESTIMATED BASED ON FIELD OBSERVATIONS DURING DESIGN. ACTUAL QUANTITIES TO BE DETERMINED DURING CONSTRUCTION.

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

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE SURFACE LIFT.

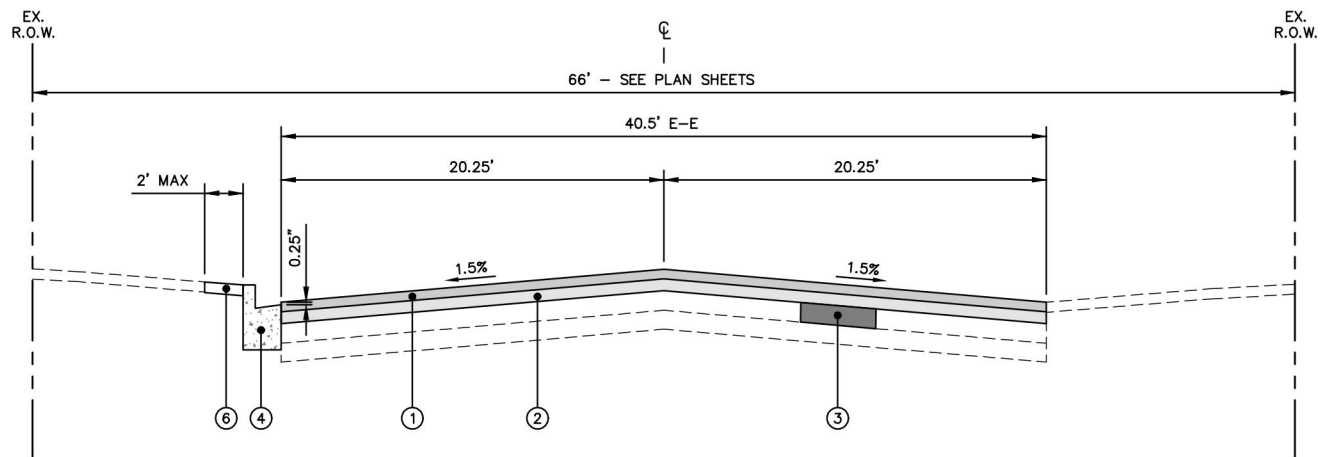
Plotted: May 12, 2025 @ 4:04 PM By: Kris Pung - Model Name: 07 TypSection - 22x34

FILE NAME = H:\SDSPROJ\SG_SUGAR GROVE\2024\SG2410.DWG FINAL ENG\SG2410-COVER



EXISTING TYPICAL SECTION - MERRILL ROAD

STA 60+40 TO STA 63+92



PROPOSED TYPICAL SECTION - MERRILL ROAD

STA 60+40 TO STA 63+92

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT (6" - 9")
- (B) EXISTING AGGREGATE BASE COURSE (6" - 11")
- (C) EXISTING PARKWAY
- (D) HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
- (E) HOT-MIX ASPHALT PARTIAL DEPTH REMOVAL, 5"
- (F) EXISTING COMBINATION CONCRETE CURB & GUTTER
- (G) EXISTING SIDEWALK

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"
- (3) CLASS D PATCH, 5" (LOCATIONS TO BE DETERMINED BY ENGINEER)
- (4) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (LOCATIONS TO BE DETERMINED BY ENGINEER)
- (5) PORTLAND CEMENT CONCRETE SIDEWALKS, 5" REMOVAL AND REPLACEMENT (LOCATIONS TO BE DETERMINED BY ENGINEER)
- (6) 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.
LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE SURFACE LIFT.

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DATE -

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

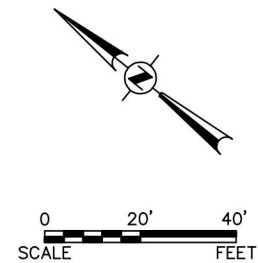
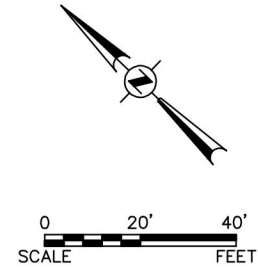
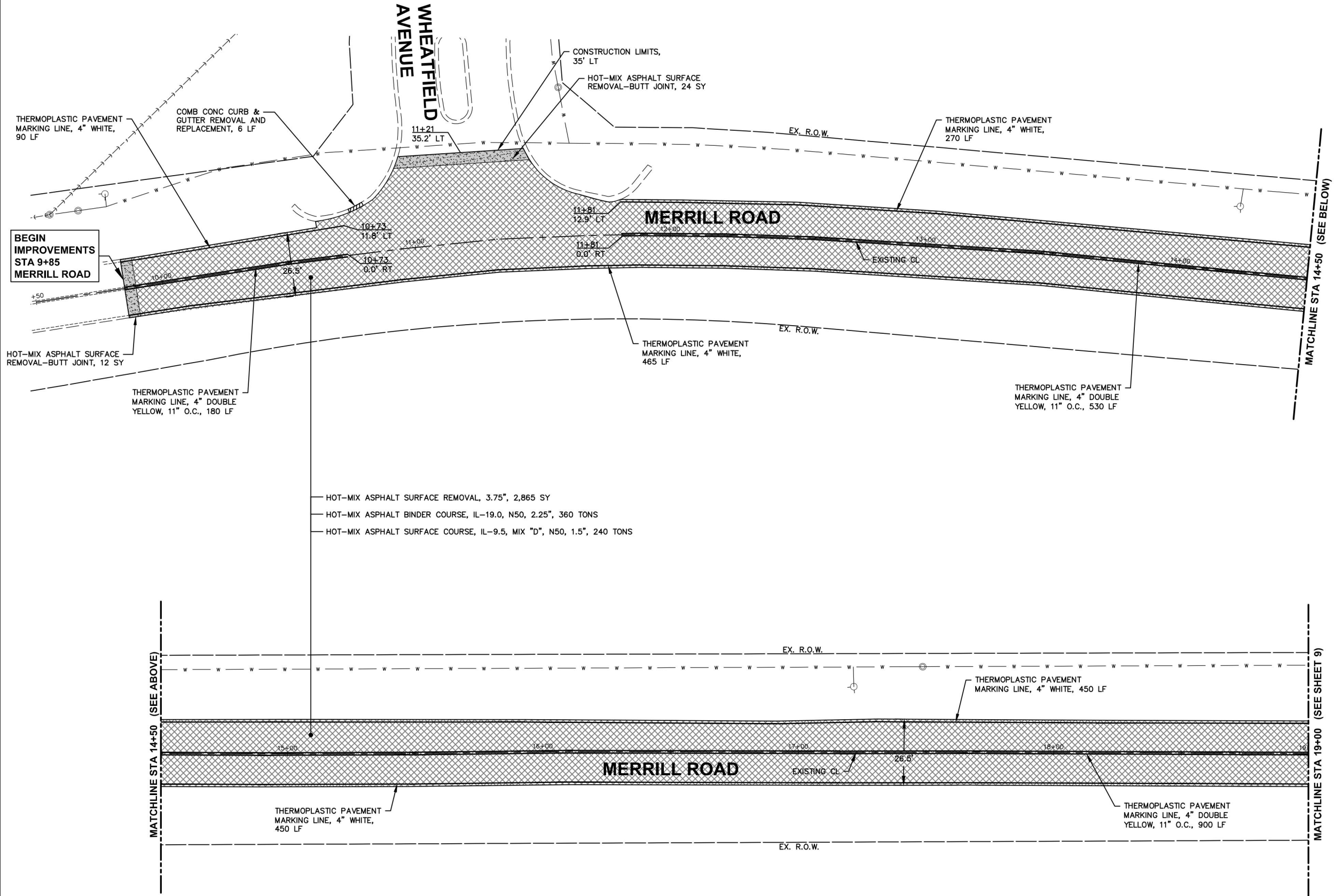
TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2304	24-00035-00-RS	KANE	21	7
		CONTRACT NO. 61L61		
ILLINOIS FED. AID PROJECT				

Plotted: May 12, 2025 @ 4:04 PM By: Kris Pung - Model Name: 08 Merrill Road

FILE NAME = H:\SDS\PROJ\SG_SUGAR GROVE\2024\SG2410\DWG FINAL ENG\SG2410-PLAN



NOTE:
ANY SOILS GENERATED FROM CURB REPAIRS SHALL REMAIN ON SITE IN THE RIGHT OF WAY. ANY SUCH SOIL SHALL BE PLACED IN THE PARKWAY BETWEEN STA 12+00 AND 37+00 LEFT AND AS DIRECTED BY THE ENGINEER.

LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
- HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
- COMB CONC C&G REMOVAL AND REPLACEMENT
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
- BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- BIKE PATH REMOVAL

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

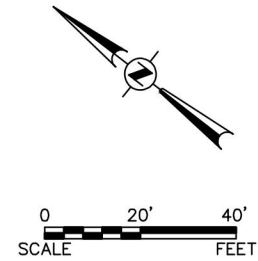
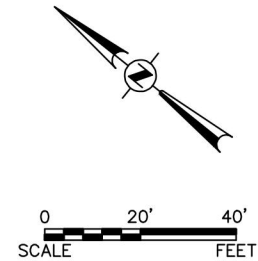
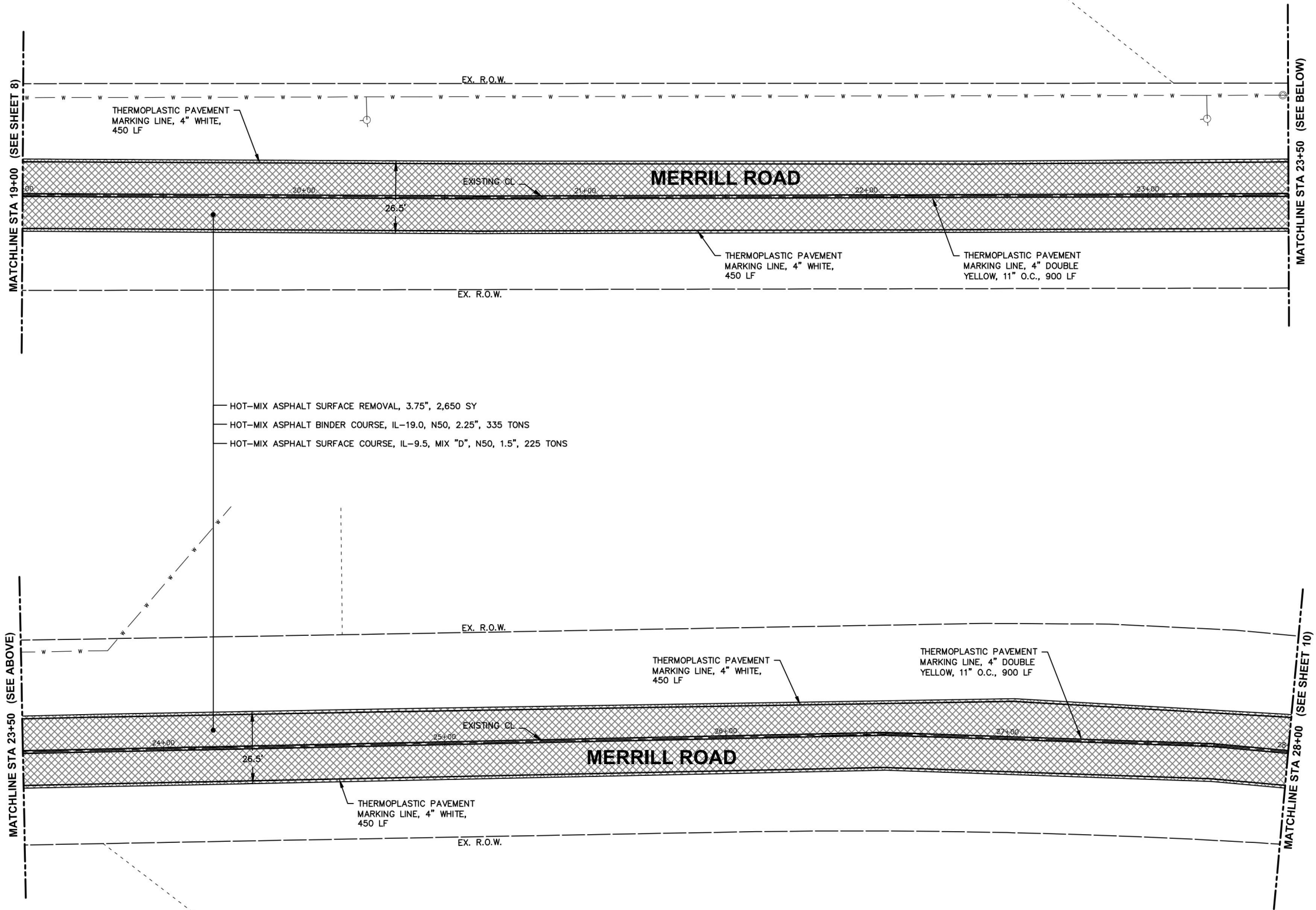
MERRILL ROAD RESURFACING PLAN

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 9+85 TO STA. 19+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2304	24-00035-00-RS	KANE	21	8
		CONTRACT NO. 6IL6I		
ILLINOIS FED. AID PROJECT				

Plotted: May 12, 2025 @ 4:04 PM By: Kris Pung - Model Name: 09 Merrill Road

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- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
- BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- BIKE PATH REMOVAL

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USER NAME = Kris Pung	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = May 12, 2025 @ 4:04 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

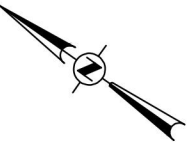
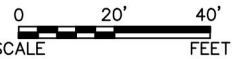
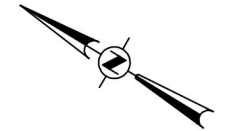
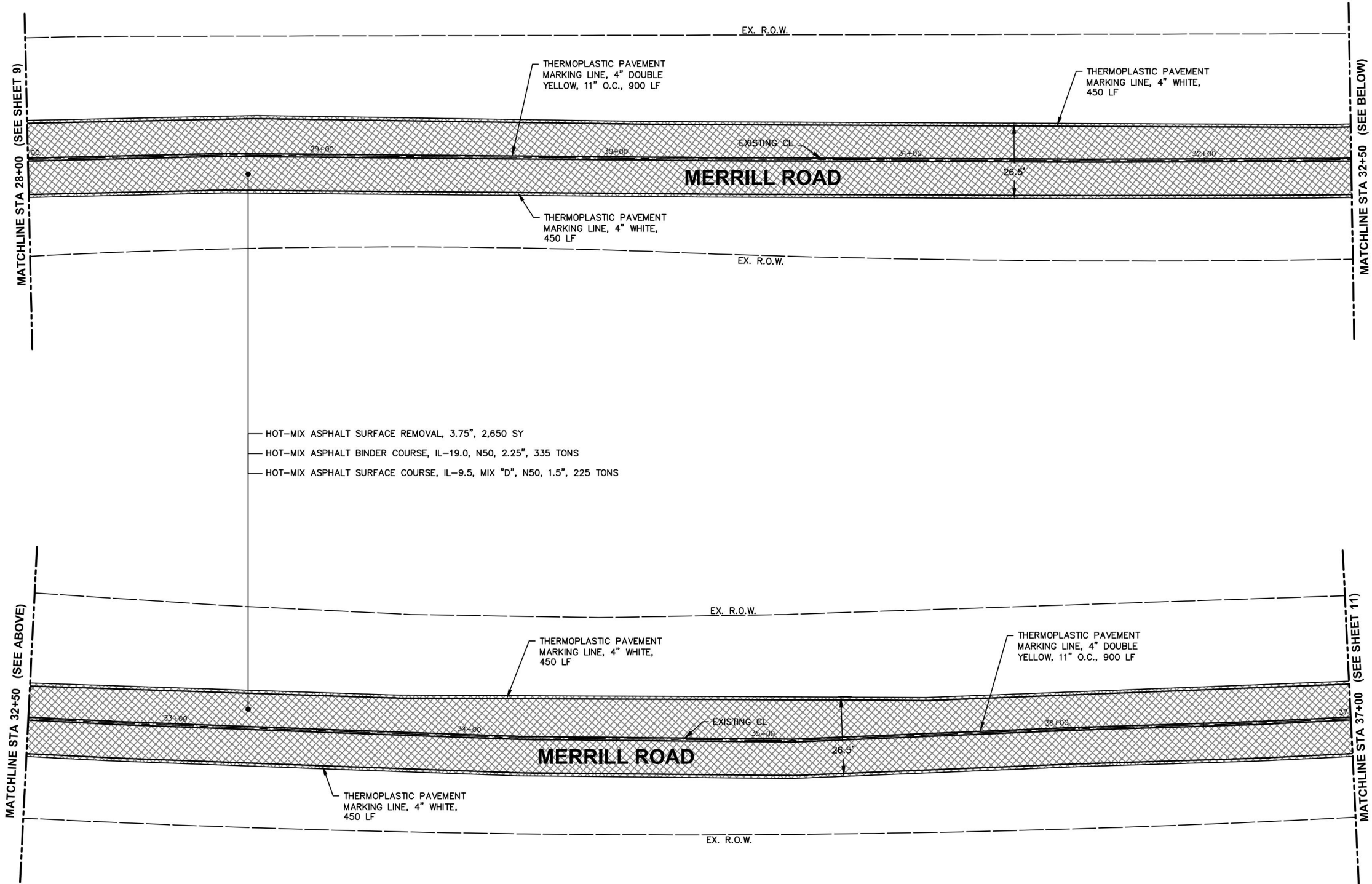
MERRILL ROAD RESURFACING PLAN

SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 19+00 TO STA. 28+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2304	24-00035-00-RS	KANE	21	9
		CONTRACT NO. 6IL6I		
ILLINOIS FED. AID PROJECT				

Plotted: May 12, 2025 @ 4:04 PM By: Kris Pung - Model Name: 10 Merrill Road

FILE NAME = H:\SDSKPROJ\SG_SUGAR GROVE\2024\SG2410\DWG FINAL ENG\SG2410-PLAN



NOTE:
ANY SOILS GENERATED FROM CURB REPAIRS SHALL REMAIN ON SITE IN THE RIGHT OF WAY. ANY SUCH SOIL SHALL BE PLACED IN THE PARKWAY BETWEEN STA 12+00 AND 37+00 LEFT AND AS DIRECTED BY THE ENGINEER.

LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
- HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
- COMB CONC C&G REMOVAL AND REPLACEMENT
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
- BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- BIKE PATH REMOVAL

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USER NAME	= Kris Pung	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
PLOT SCALE	=	DATE	-	REVISED	-
PLOT DATE	= May 12, 2025 @ 4:04 PM				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

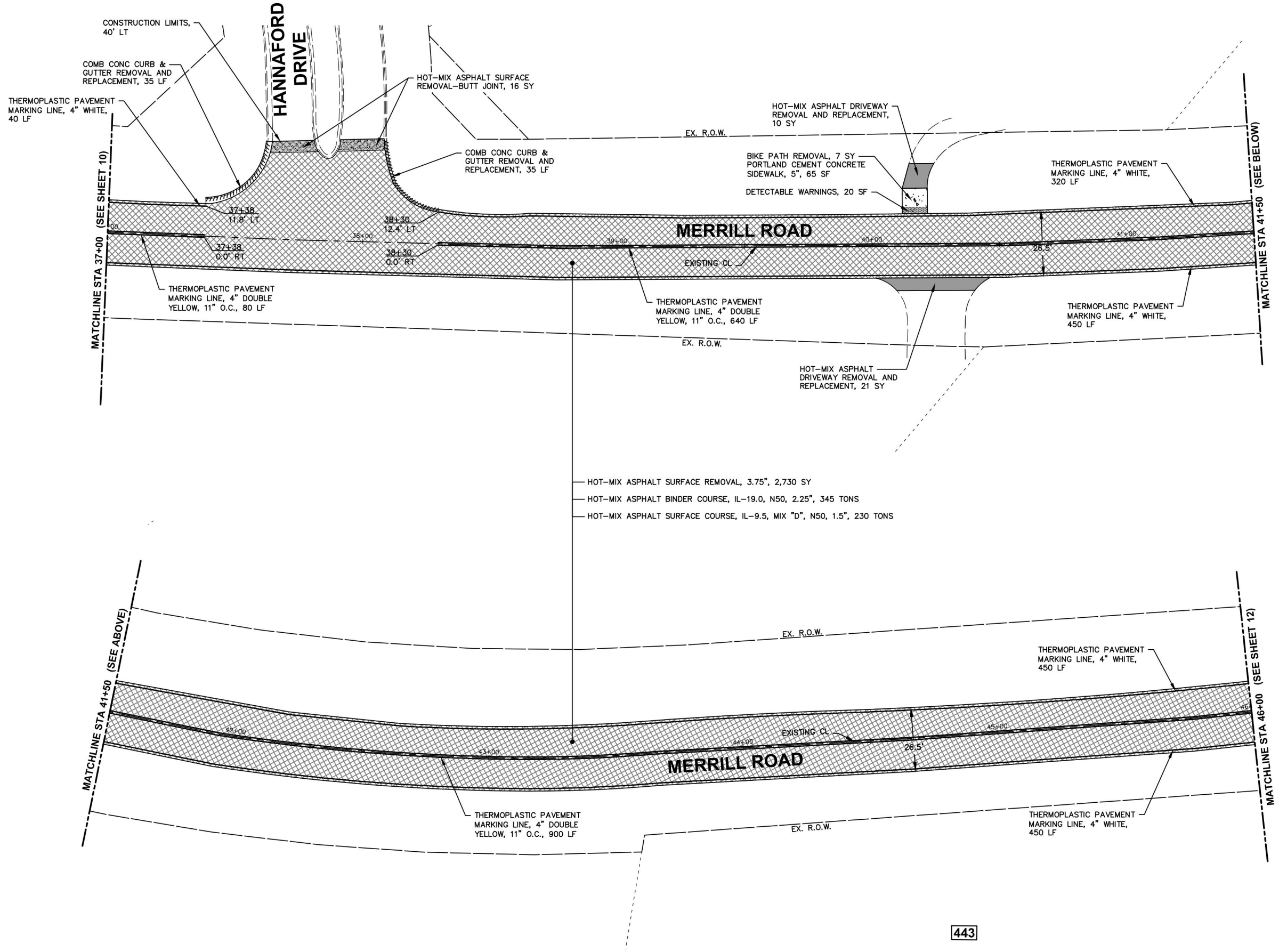
MERRILL ROAD
RESURFACING PLAN

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 28+00 TO STA. 37+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2304	24-00035-00-RS	KANE	21	10
		CONTRACT NO. 6IL6I		
ILLINOIS FED. AID PROJECT				

Plotted: May 12, 2025 @ 4:04 PM By: Kris Pung - Model Name: 11 Merrill Road

FILE NAME = H:\SDSKPROJ\SG_SUGAR GROVE\2024\SG2410\DWG FINAL ENG\SG2410-PLAN



NOTE:
ANY SOILS GENERATED FROM CURB REPAIRS SHALL REMAIN ON SITE IN THE RIGHT OF WAY. ANY SUCH SOIL SHALL BE PLACED IN THE PARKWAY BETWEEN STA 12+00 AND 37+00 LEFT AND AS DIRECTED BY THE ENGINEER.

LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
- HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
- COMB CONC C&G REMOVAL AND REPLACEMENT
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
- BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- BIKE PATH REMOVAL

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PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = May 12, 2025 @ 4:04 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

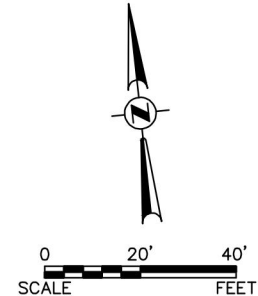
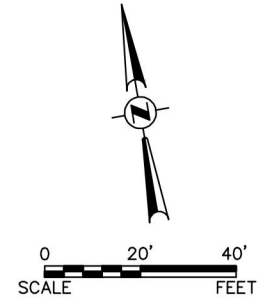
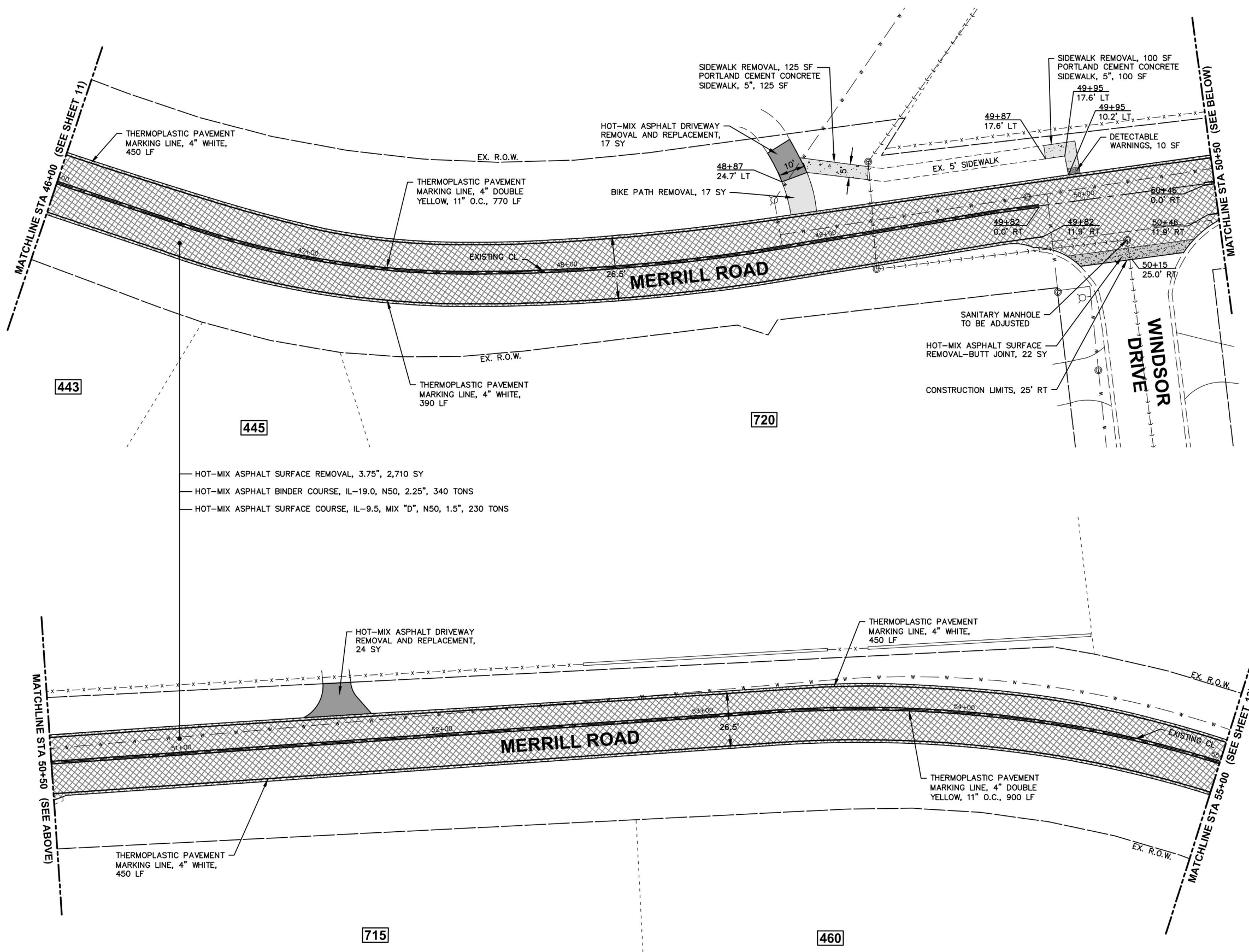
MERRILL ROAD
RESURFACING PLAN

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 37+00 TO STA. 46+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2304	24-00035-00-RS	KANE	21	11
		CONTRACT NO. 6IL6I		
ILLINOIS FED. AID PROJECT				

Plotted: May 12, 2025 @ 4:04 PM By: Kris Pung - Model Name: 12 Merrill Road

FILE NAME = H:\SDS\PROJ\SG_SUGAR GROVE\2024\SG2410\DWG FINAL ENG\SG2410-PLAN



NOTE:
ANY SOILS GENERATED FROM CURB REPAIRS SHALL REMAIN ON SITE IN THE RIGHT OF WAY. ANY SUCH SOIL SHALL BE PLACED IN THE PARKWAY BETWEEN STA 12+00 AND 37+00 LEFT AND AS DIRECTED BY THE ENGINEER.

LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
- HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
- COMB CONC C&G REMOVAL AND REPLACEMENT
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
- BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- BIKE PATH REMOVAL

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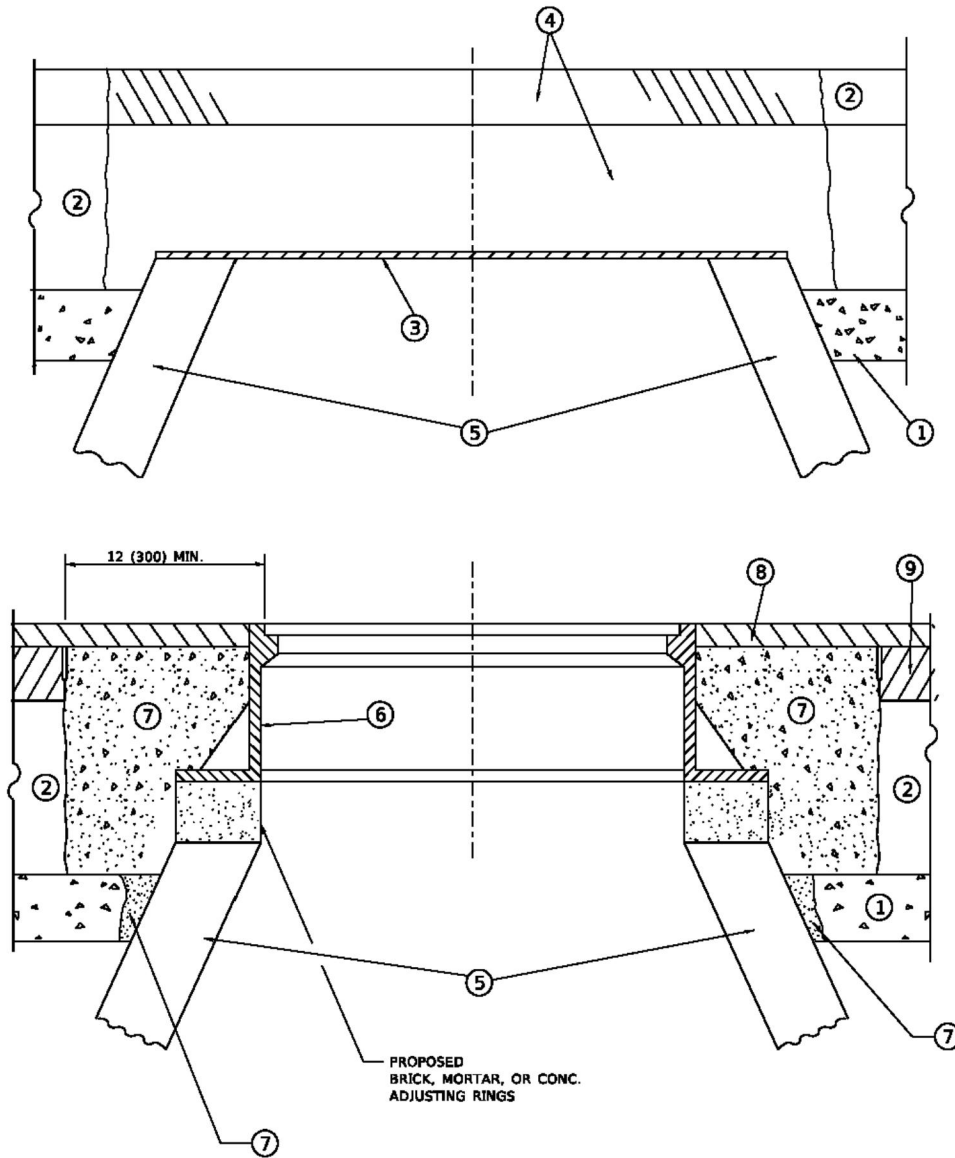
USER NAME = Kris Pung	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = May 12, 2025 @ 4:04 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MERRILL ROAD RESURFACING PLAN

SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 46+00 TO STA. 55+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2304	24-00035-00-RS	KANE	21	12
CONTRACT NO. 61L61				ILLINOIS FED. AID PROJECT



DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING

NOTES

- 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.
- 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.
- CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- 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)

- REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- 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

- 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)."
- THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 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.

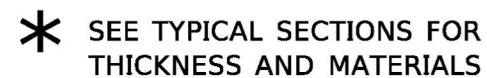
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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 Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eeiweb.com	USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING	SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A.U. RTE. 2304	SECTION 24-00035-00-RS	COUNTY KANE	TOTAL SHEETS 21	SHEET NO. 14
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 11-18-22						BD600-03 (BD-08)		CONTRACT NO. 61L61		
	PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23						ILLINOIS FED. AID PROJECT				

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."

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.

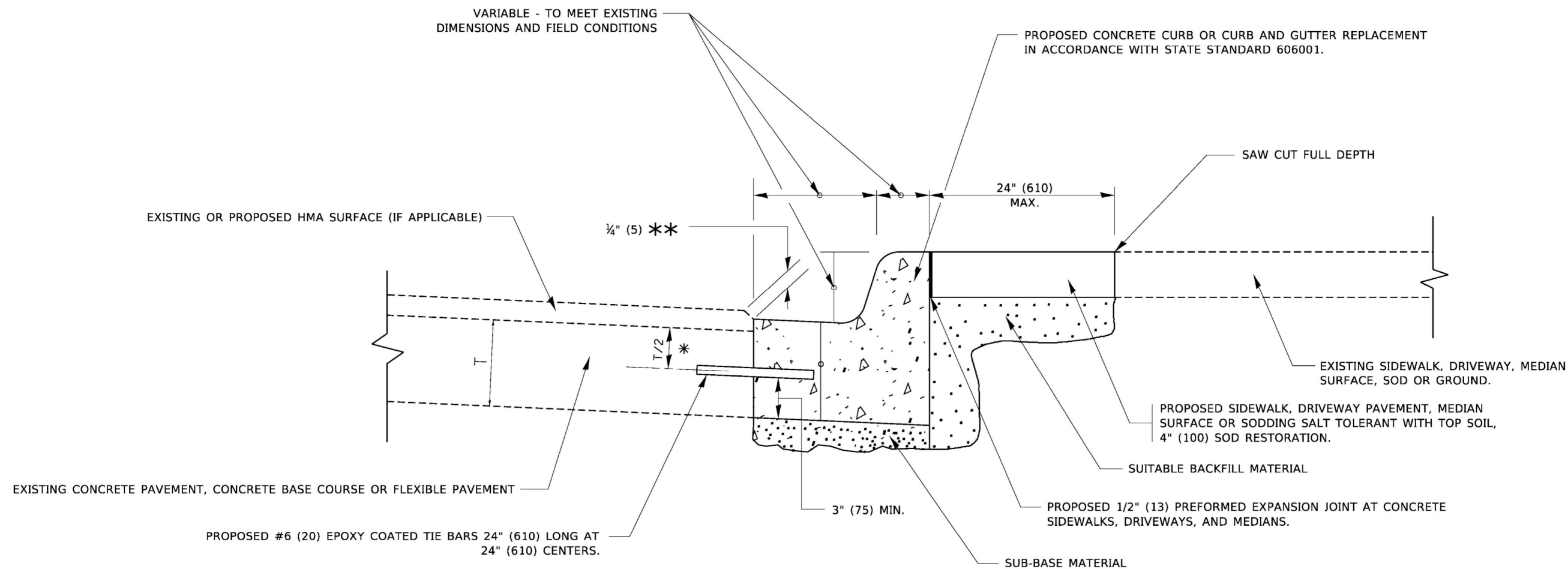


1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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

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

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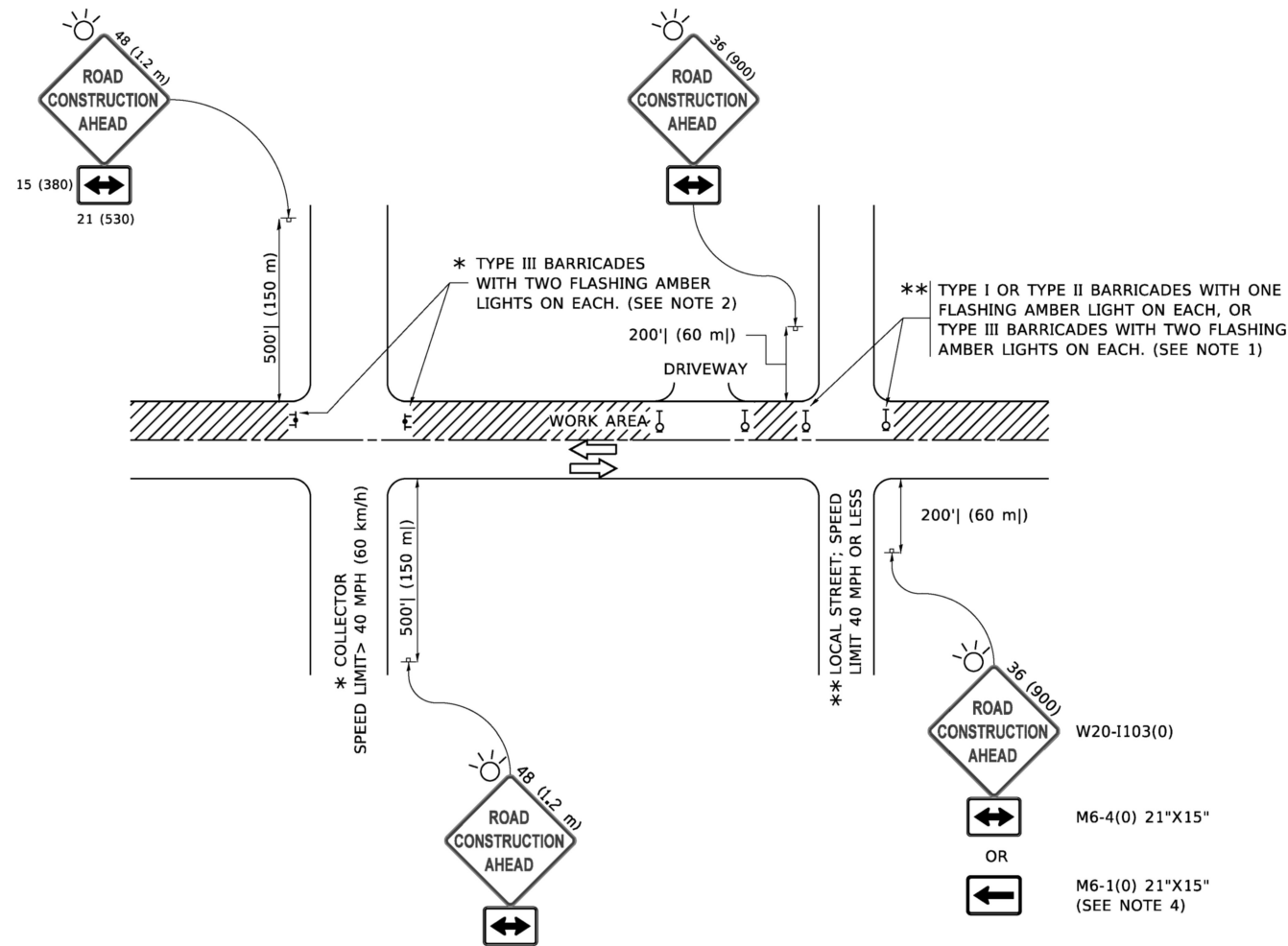


- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

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	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / in.		DRAWN -	REVISED - M. GOMEZ 01-22-01							2304	24-00035-00-RS	KANE	21	16
	CHECKED -		REVISD - R. BORO 12-15-09	BD600-06 (BD-24) CONTRACT NO. 61L61											
	PLOT DATE = 7/11/2019		DATE - 03-11-94						REVISED - K. SMITH 07-11-19						
	SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.								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.

THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY

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.

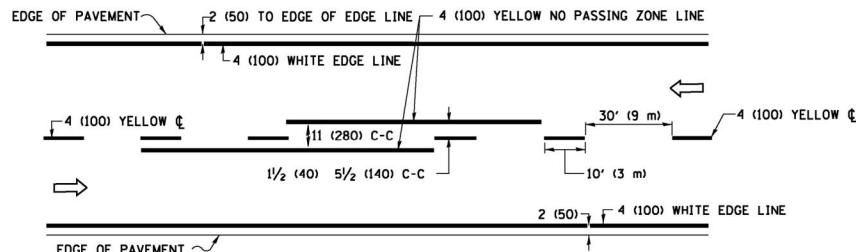
WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE

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.

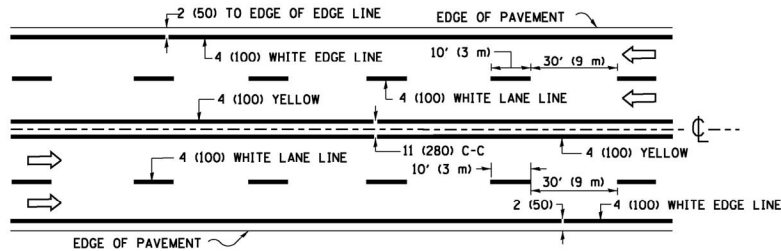
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.

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.

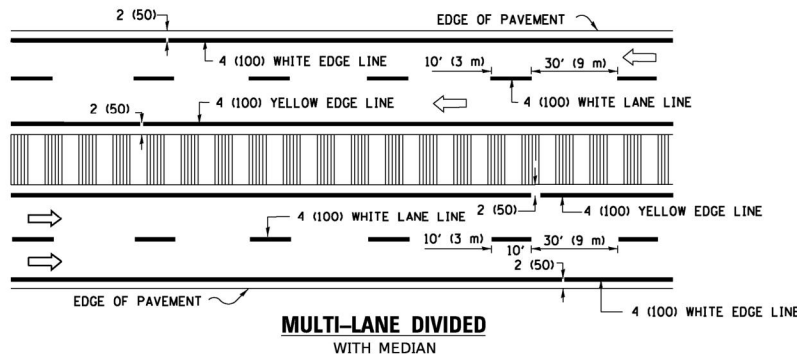
All dimensions are in inches (millimeters) unless otherwise shown.



2-LANE ROADWAY

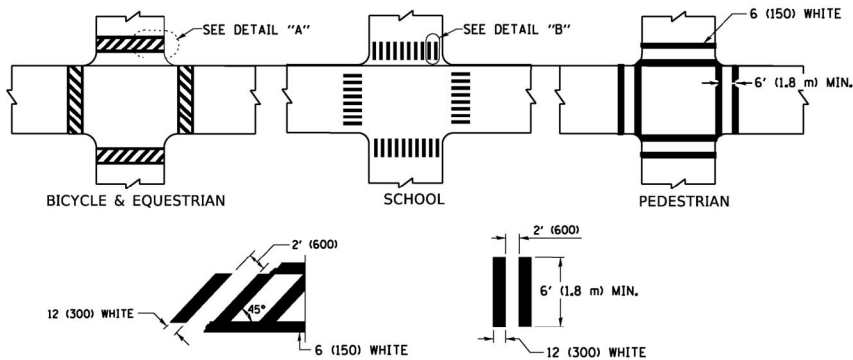


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

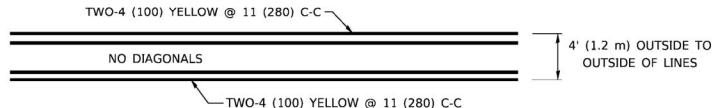


DETAIL "A"

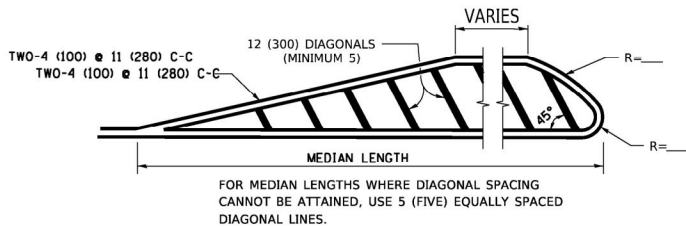
DETAIL "B"

TYPICAL CROSSWALK MARKING

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

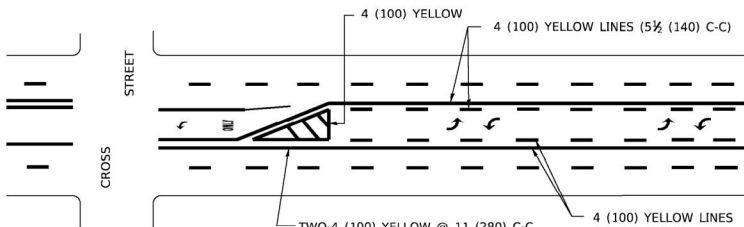


4' (1.2 m) WIDE MEDIANS ONLY



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))

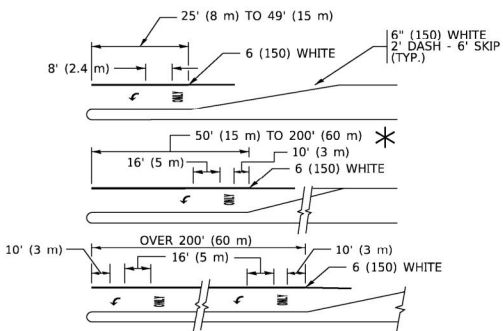
MEDIANS OVER 4' (1.2 m) WIDE



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

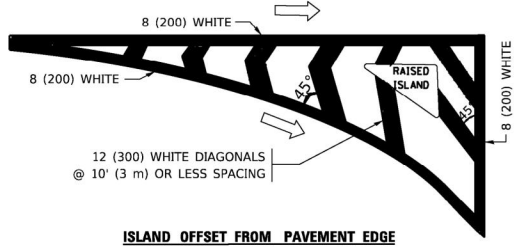
TYPICAL PAINTED MEDIAN MARKING



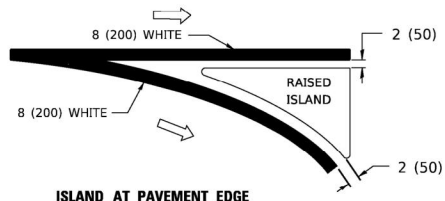
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

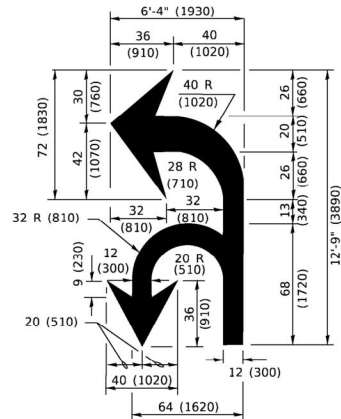


ISLAND OFFSET FROM PAVEMENT EDGE

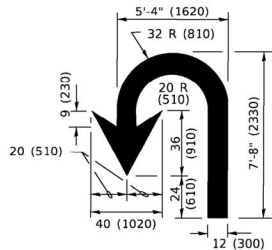


ISLAND AT PAVEMENT EDGE

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.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C 30 MPH (50 km/h) TO 45MPH (70 km/h) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

MODEL: Default
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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
PLOT SCALE = 50.0000 ' / in.
PLOT DATE = 3/4/2019

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

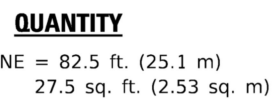
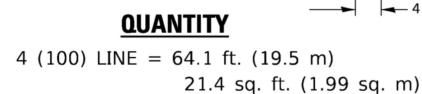
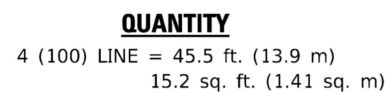
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REVISED - C. JUCIUS 07-01-13
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REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

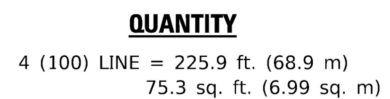
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS


SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 2304 SECTION 24-00035-00-RS COUNTY KANE TOTAL SHEETS 21 SHEET NO. 19
TC-13 CONTRACT NO. 61L6I
ILLINOIS FED. AID PROJECT



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.



 Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eeiweb.com	USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98	<div style="text-align: center;"> STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION </div>	<div style="text-align: center;"> SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS </div>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.0068' / in.	DRAWN -	REVISED - E. GOMEZ 08-28-00			2304	24-00035-00-RS	KANE	21	20	
	PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00			TC-16					CONTRACT NO. 61L61
		DATE = 09-18-94	REVISED - A. SCHUETZE 09-15-16			SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
ILLINOIS FED. AID PROJECT											

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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	-	REVISED	- R. MIRS 09-15-97
		DRAWN	-	REVISED	- R. MIRS 12-11-97
PLOT SCALE	= 50.0000 ' / in.	CHECKED	-	REVISED	- T. RAMMACHER 02-02-99
PLOT DATE	= 3/4/2019	DATE	-	REVISED	- C. JUCIUS 01-31-07

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD

INFORMATION SIGN

SCALE: NONE

SHEET 1

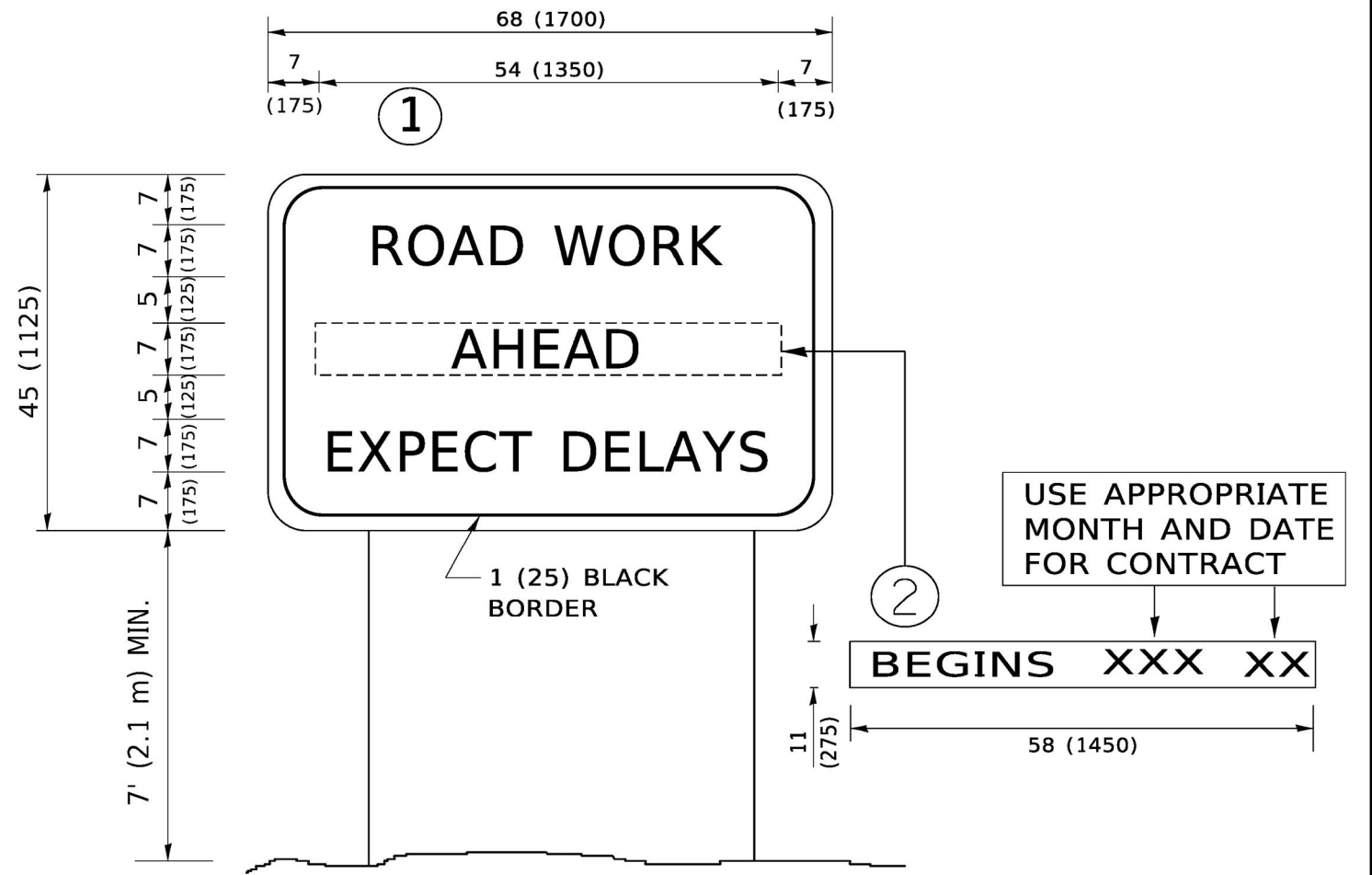
OF 1

SHEETS

STA.

TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2304	24-00035-00-RS	KANE	21	21
TC-22		CONTRACT NO. 61L61		
ILLINOIS		FED. AID PROJECT		



NOTES:

- USE BLACK LETTERING ON ORANGE BACKGROUND.
- ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- ERECT SIGN①WITH INSTALLED PANEL②ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
- REMOVE PANEL②SOON AFTER THE START OF CONSTRUCTION.
- SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
- SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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