

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PLANS FOR PROPOSED
FEDERAL-AID HIGHWAY**

**FAU 3789 (CONCORD DRIVE)
GORDON ROAD TO GALENA ROAD
ROADWAY RESURFACING
SECTION 22-00059-00-RS
PROJECT NUMBER: HWEB(787)
VILLAGE OF MONTGOMERY
KENDALL COUNTY
JOB NO. C-91-073-23**

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**

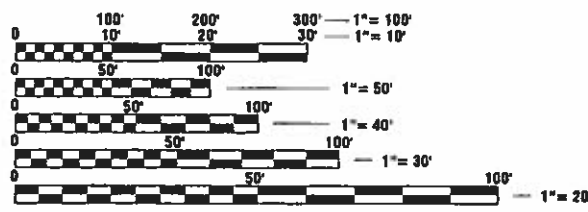
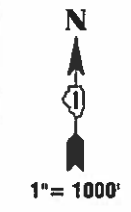
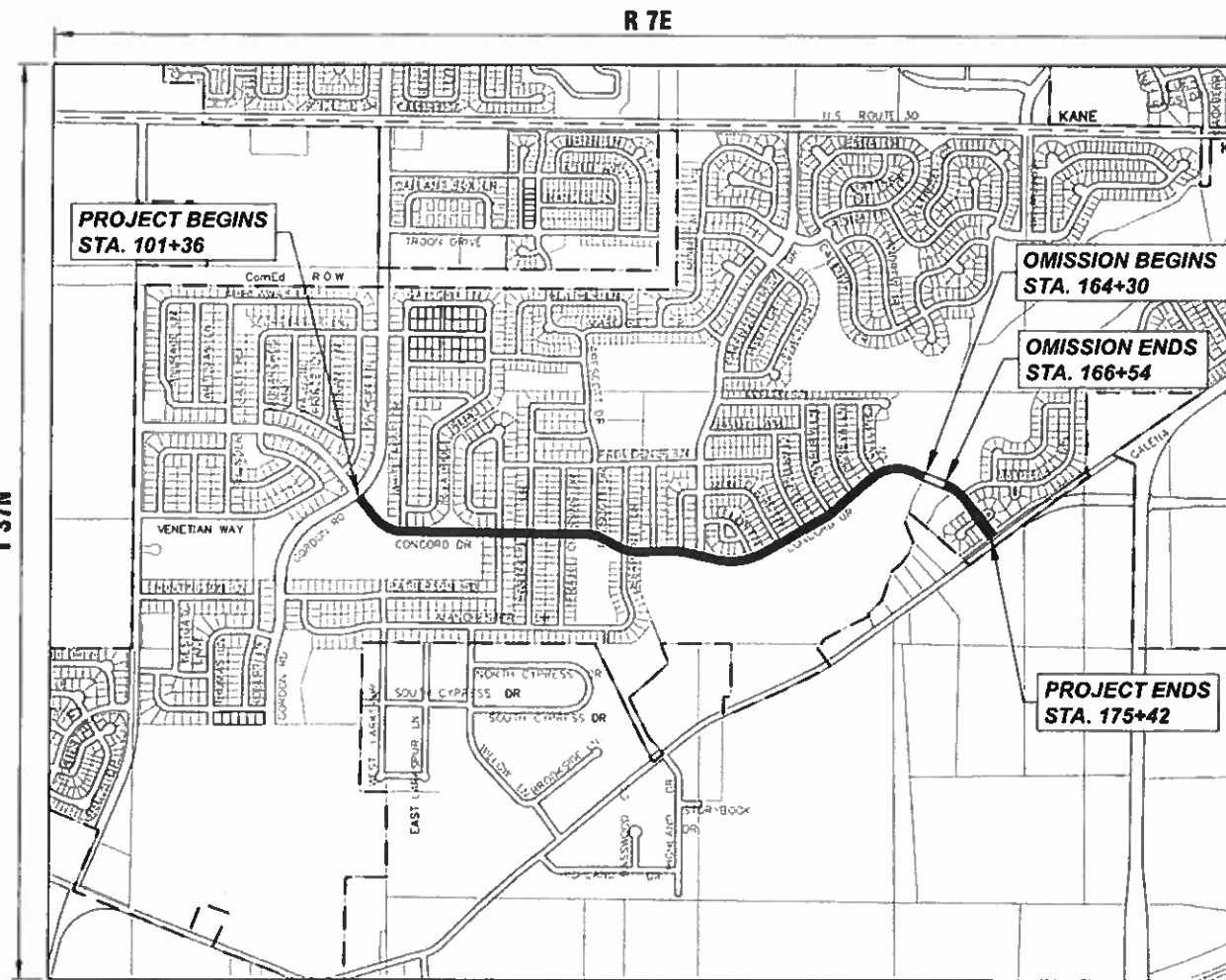
CONCORD DRIVE: **DESIGN DESIGNATION
MAJOR COLLECTOR
DESIGN SPEED = 35 M.P.H.
POSTED SPEED = 30 M.P.H.
ADT (2019) = 4,300 VPD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-RS	KENDALL	24	1
CONTRACT NO. 61J46				



LOCATION OF SECTION INDICATED THUS: -

PROJECT LOCATED
IN THE VILLAGE OF
MONTGOMERY



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. 61J46

LOCATION MAP (SCALE 1"=1000')
SECTION 3, 2 & 1, T37N, R7E, BRISTOL TOWNSHIP
GROSS LENGTH OF PROJECT = 7,437 FEET (1.41 MILES)
NET LENGTH OF PROJECT = 7,213 (1.37 MILES)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED *M/W* 2/8/2023
MARK W. BUELL
VILLAGE OF MONTGOMERY, DIRECTOR OF PUBLIC WORKS

PASSED 2.21.2023
C. J. Ott
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW February 21, 2023
Joseph P. 1083
REGIONAL ENGINEER

DATE: 2-8-2023
Chris J. Ott
CHRISTOPHER J. OTT

LICENSE EXPIRES: NOVEMBER 30, 2023

SHEETS: 1-24

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.

UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR OPERATE ANY VALVES OR HYDRANTS. THE CONTRACTOR WILL BE REQUIRED TO GET ALL WATER FROM THE VILLAGE'S PUBLIC WORKS FACILITY AT 981 KNELL ROAD OR AT THE POLICE STATION AT 10 CIVIC CENTER DRIVE.

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.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE"(JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).

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.

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 REQUIREMENT 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
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
701101-05	OFF-RD OPERATIONS, MULTILANE, 15'(4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
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
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
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

SHEET NO.	SHEET DESCRIPTION
1.	COVER SHEET
2.	INDEX OF SHEETS, DETAILS, HIGHWAY STANDARDS, AND GENERAL NOTES
3.-5.	SUMMARY OF QUANTITIES
6.-7.	TYPICAL SECTIONS
8.	SIGN SCHEDULE
9.-16.	RESURFACING PLAN
17.	VILLAGE DETAILS
18.-24.	IDOT DISTRICT 1 DETAILS

SHEET. NO. IDOT DISTRICT ONE STD. DETAILS

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

SUPPLEMENTAL LEGEND

	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
	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"

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-R5	KENDALL	24	2
			CONTRACT NO. 61J46	
ILLINOIS FED. AID PROJECT				

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

USER NAME = Jim Schmidt	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = February 7, 2023 @ 10:40 AM	CHECKED -	REVISED -
	DATE -	REVISED -

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY		TRAINEES	
				75% FEDERAL 25% LOCAL 0005		75% FEDERAL 25% LOCAL 0042	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,250	1,250			
* 25200110	SODDING, SALT TOLERANT	SQ YD	1,250	1,250			
* 25200200	SUPPLEMENTAL WATERING	UNIT	68	68			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	26	26			
28000510	INLET FILTERS	EACH	60	60			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	22,735	22,735			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	5	5			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	415	415			
40602978	HOT-MIX ASPHALT BINDER COURSE, 1L-9.5, N50	TON	2,905	2,905			
40604060	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50	TON	2,905	2,905			
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	170	170			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	84	84			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	9,460	9,460			
42400800	DETECTABLE WARNINGS	SQ FT	900	900			
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	3,695	3,695			

Δ INDICATES SPECIALTY ITEM
* SEE SPECIAL PROVISIONS

Plotted: March 1, 2023 @ 1:35 PM By: Kris Pung - Model Name: 03_Sum of Quan 22x34

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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.
3789	22-00059-00-RS	KENDALL	24	3
CONTRACT NO. 61J46			ILLINOIS FED. AID PROJECT	

FILE NAME = H:\SDEPROJ\WC_MONTGOMERY\2022\MD2216\DWG_FINAL_ENG\MD2216-COVER

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	TRAINEES
				75% FEDERAL 25% LOCAL 0005	75% FEDERAL 25% LOCAL 0042
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,905	1,905	
44000600	SIDEWALK REMOVAL	SQ FT	8,360	8,360	
44201694	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	160	160	
44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	650	650	
60260100	INLETS TO BE ADJUSTED	EACH	44	44	
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1	
60603800	COMBINATION CURB AND GUTTER, TYPE B-6.12	FOOT	1,905	1,905	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	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	125	125	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	500	500	

Δ INDICATES SPECIALTY ITEM
* SEE SPECIAL PROVISIONS

Plotted: February 7, 2023 @ 1:40 PM By: Jim Schmidt - Model Name: 04 Sum of Quan 22234

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-RS	KENDALL	24	4
CONTRACT NO. 61J46			ILLINOIS FED. AID PROJECT	

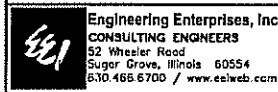
SUMMARY OF QUANTITIES

	CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	TRAINEES
					75% FEDERAL 25% LOCAL 0005	75% FEDERAL 25% LOCAL 0042
Δ	72000100	SIGN PANEL - TYPE 1	SQ FT	93	93	
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	18	18	
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	92	92	
Δ	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	336	336	
Δ	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	125	125	
Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	777	777	
Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	361	361	
Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	225	225	
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	96	96	
*	X0327036	BIKE PATH REMOVAL	SQ YD	638	638	
*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	29,990	29,990	
*	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	2	2	
*	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51	51	
	Z0076600	TRAINEES	HOUR	500		500
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500		500

Δ INDICATES SPECIALTY ITEM
* SEE SPECIAL PROVISIONS

Plotfile: February 7, 2023 @ 1:43 PM By: Jim Schmidt - Model Name: 05 Sum of Quan 22134

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

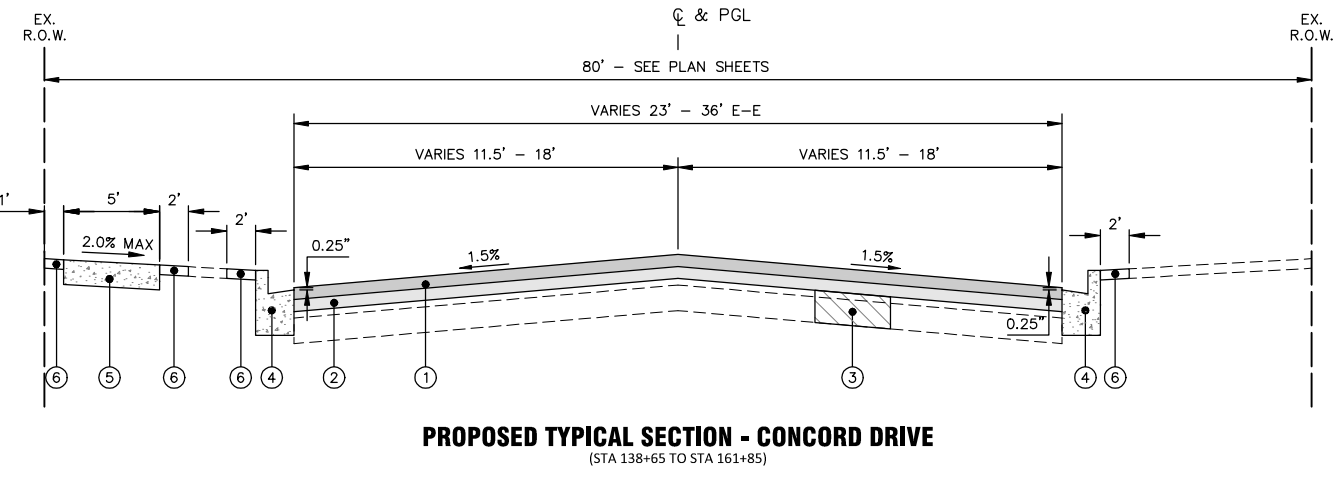
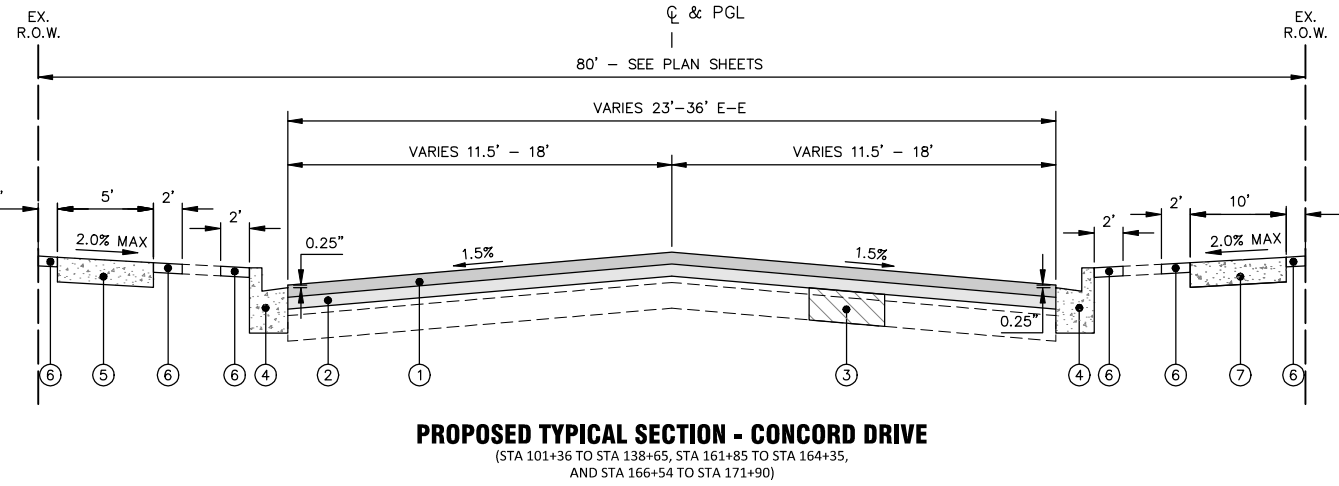
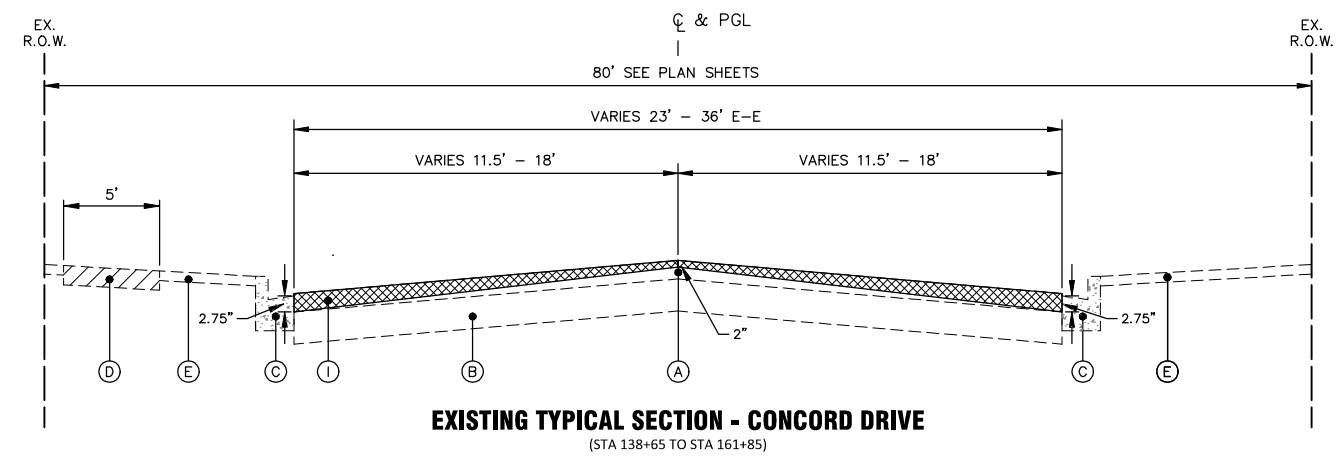
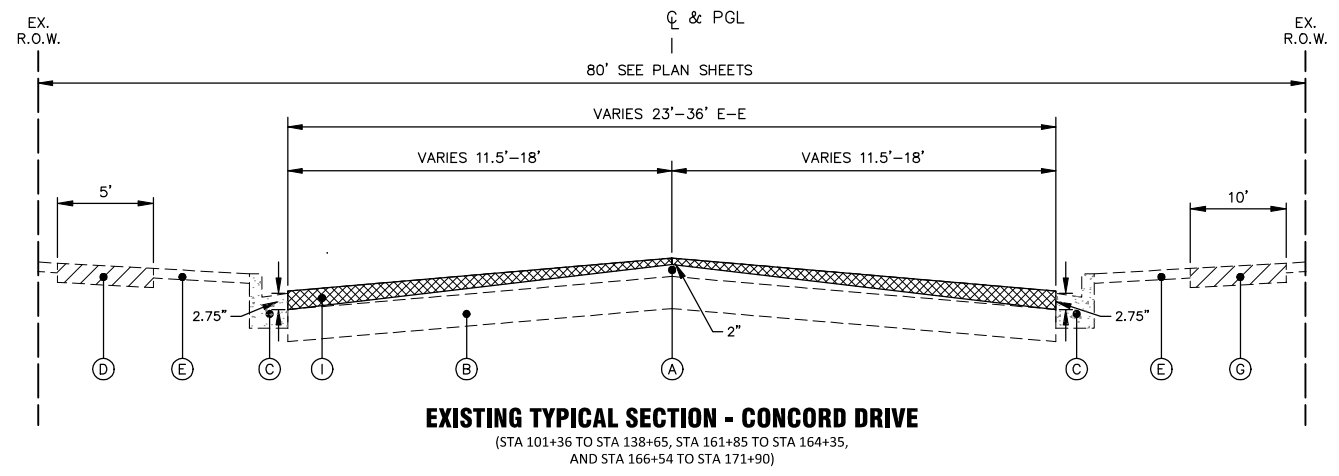
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-RS	KENDALL	24	5
				CONTRACT NO. 61J46
ILLINOIS FED. AID PROJECT				

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FILE NAME = H:\SDSKPROJ\MONTGOMERY\2022\M02216\DWG\FINAL\ENG\M02216-COVER
 Plotted: February 7, 2023 @ 10:40 AM By: Jim Schmidt - Model Name: 06 Typ Section 22x34



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, 4"	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

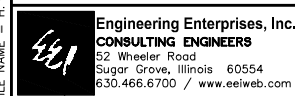
- (A) EXISTING HOT-MIX ASPHALT PAVEMENT (5.5" - 7")
- (B) EXISTING AGGREGATE BASE COURSE (9" - 15")
- (C) EXISTING COMBINATION CONCRETE CURB & GUTTER. B6.12
- (D) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- (E) EXISTING PARKWAY
- (F) EXISTING LANDSCAPE MEDIAN
- (G) EXISTING BIKE PATH
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- (I) 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, 4" (LOCATIONS TO BE DETERMINED BY ENGINEER)
- (4) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPOT REMOVAL AND REPLACEMENT AS DIRECTED BY THE ENGINEER)
- (5) SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5" (SPOT LOCATIONS AS DIRECTED BY ENGINEER)
- (6) TOPSOIL AND SODDING, SALT TOLERANT
- (7) INCIDENTAL HOT-MIX ASPHALT SURFACING

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 -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = February 7, 2023 @ 10:40 AM	CHECKED -	REVISED -
	DATE -	REVISED -

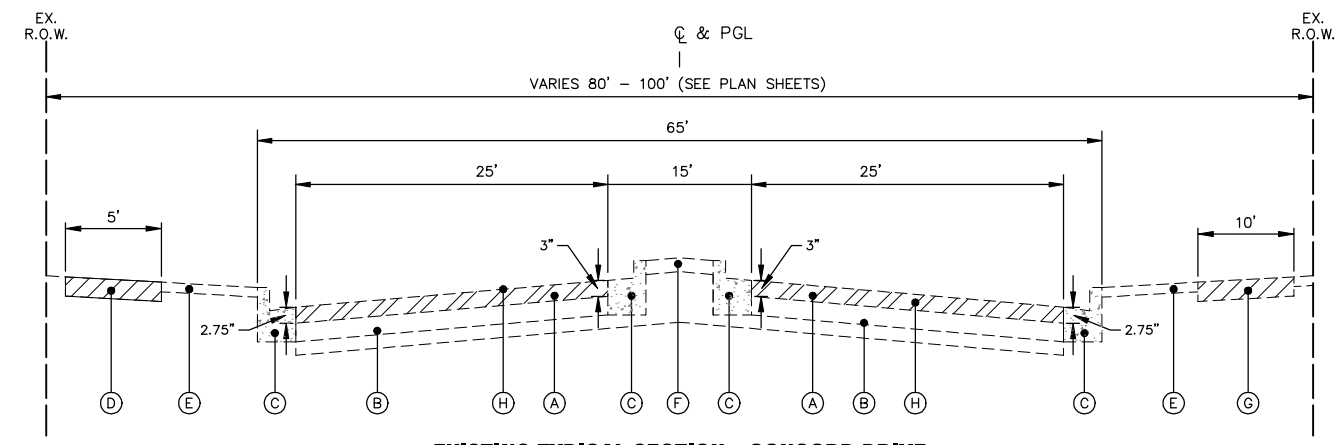
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

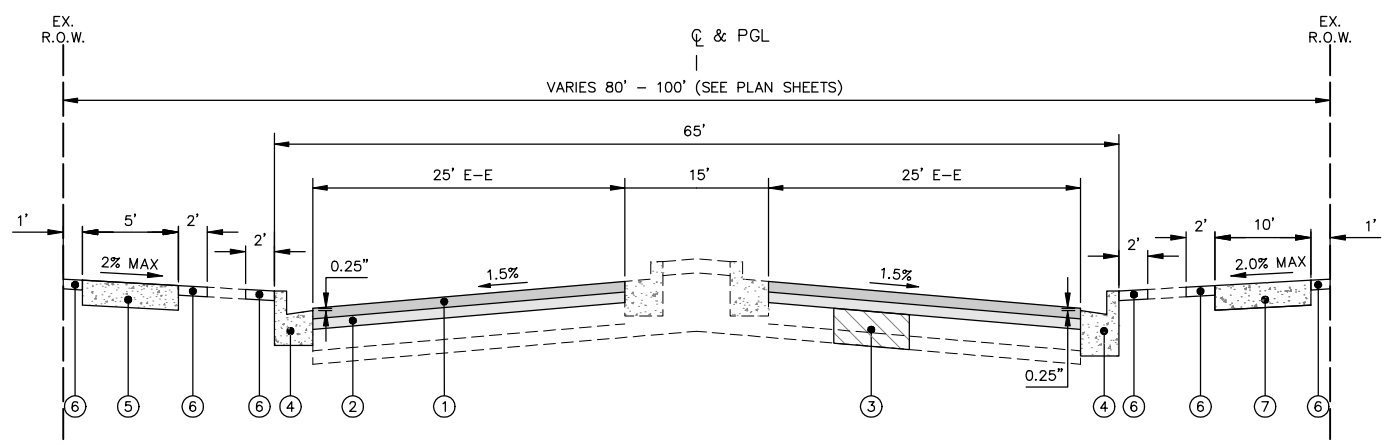
SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-R5	KENDALL	24	6
				CONTRACT NO. 61J46
ILLINOIS FED. AID PROJECT				

Plotted: February 7, 2023 @ 10:40 AM By: Jim Schmidt - Model Name: 07 Typ Section 22x34
 FILE NAME = H:\SDSKPROJ\MO_MONTGOMERY\2022\M02216\DWG_FINAL\ENG\M02216-COVER



EXISTING TYPICAL SECTION - CONCORD DRIVE
(STA 171+90 TO STA 175+42)



PROPOSED TYPICAL SECTION - CONCORD DRIVE
(STA 171+90 TO STA 175+42)

EXISTING LEGEND	
(A)	EXISTING HOT-MIX ASPHALT PAVEMENT (5.5" - 7")
(B)	EXISTING AGGREGATE BASE COURSE (9" - 15")
(C)	EXISTING COMBINATION CONCRETE CURB & GUTTER. B6.12
(D)	EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
(E)	EXISTING PARKWAY
(F)	EXISTING LANDSCAPE MEDIAN
(G)	EXISTING BIKE PATH
(H)	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
(I)	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, 4" (LOCATIONS TO BE DETERMINED BY ENGINEER)
(4)	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPOT REMOVAL AND REPLACEMENT AS DIRECTED BY THE ENGINEER)
(5)	SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5" (SPOT LOCATIONS AS DIRECTED BY ENGINEER)
(6)	TOPSOIL AND SODDING, SALT TOLERANT
(7)	INCIDENTAL HOT-MIX ASPHALT SURFACING

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 Sugar Grove, Illinois 60554
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	DATE -	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
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DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-R5	KENDALL	24	7
CONTRACT NO. 6IJ46			ILLINOIS FED. AID PROJECT	

FILE NAME = H:\SDSKPROJ\MO_MONTGOMERY\2022\M02216\DWG_FINAL\ENG\M02216-COVER

Plotted: February 7, 2023 @ 10:40 AM By: Jim Schmidt - Model Name: 08 Sign Schedule 22x34

FILE NAME = H:\SDSKPROJ\MONTGOMERY\2022\M02216\DWG FINAL ENG\M02216-COVER

Concord Drive								
Signing Schedule								
Station	O/S	Sign Dimensions	72000100.00 SIGN PANEL - TYPE 1 (Sq Ft)	72400100.00 REMOVE SIGN PANEL ASSEMBLY - TYPE A (Each)	72400310.00 REMOVE SIGN PANEL - TYPE 1 (Sq Ft)	72800100.00 TELESCOPING STEEL SIGN SUPPORT (Ft)	MUTCD Designation	Description
101+39	25' LT	30" x 30"	6.25	1.00	6.25	16.00	R1-1	Stop Sign All Way w/ new post
107+34	45' LT	30" x 30"	6.25	1.00	6.25	16.00	R1-1	Stop Sign All Way w/ new post
108+72	25' RT	24" x 30"	5.00		5.00	16.00	R2-1	Speed Limit (30MPH)
109+52	25' LT					16.00		Right Curve Arrow Post replacement
109+85	25' RT			1.00	5.00	16.00		Remove Speed limit sign, Road Narrows post replacement
112+00	25' L+R	24" x 24"	24.00	6.00	24.00	96.00	R8-3	6 No Parking signs relocated with new post
113+93	25' LT			1.00	5.00	16.00		Remove Speed limit sign, Road Narrows post replacement
114+69	25' LT	24" x 30"	5.00			16.00	R2-1	Speed Limit (30MPH)
117+28	45' LT	30" x 30"	6.25	1.00	6.25	16.00	R1-1	Stop Sign w/ new post
117+64	45' RT	30" x 30"	6.25	1.00	6.25	16.00	R1-1	Stop Sign w/ new post
120+88	45' RT	30" x 30"	6.25	1.00	6.25	16.00	R1-1	Stop Sign w/ new post
124+30	45' RT	30" x 30"	6.25	1.00	6.25	16.00	R1-1	Stop Sign w/ new post
132+64	25' LT	24" x 30"	5.00	2.00	10.00	32.00	R2-1	New Speed limit sign (30MPH), relocate Water sign
150+04	25' LT	24" x 30"	5.00	1.00		16.00	R2-1	New Speed limit sign (30MPH)
150+84	25' RT	24" x 30"	5.00	1.00	5.00		R2-1	New Speed Limit sign (30MPH) on light pole
163+63	25' LT	30" x 30"	6.25			16.00	W11-2	Ped crossing w/ AHEAD
Total:			92.750	18.000	91.500	336.000		

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 PLOT SCALE =
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 DATE -

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING SCHEDULE

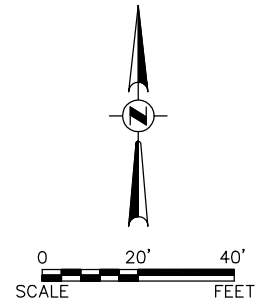
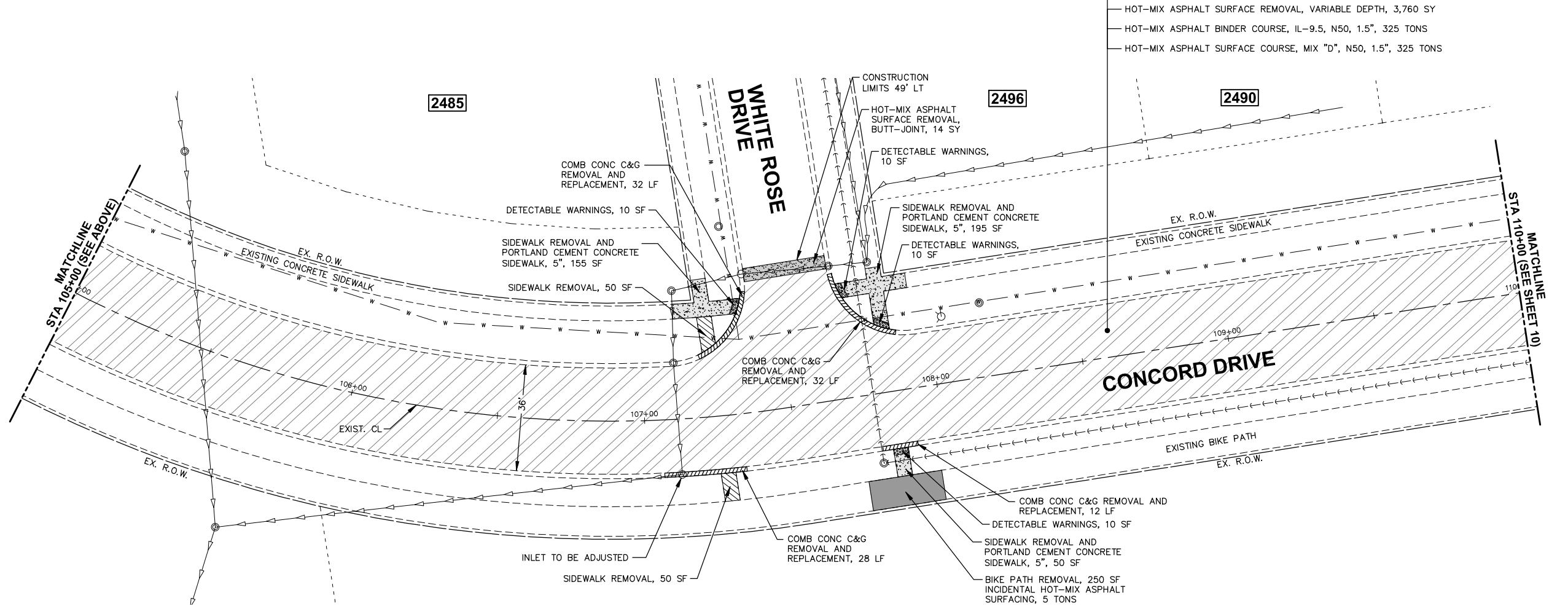
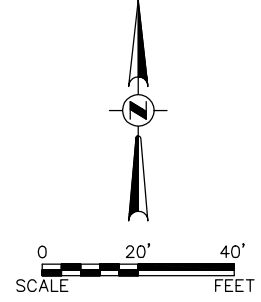
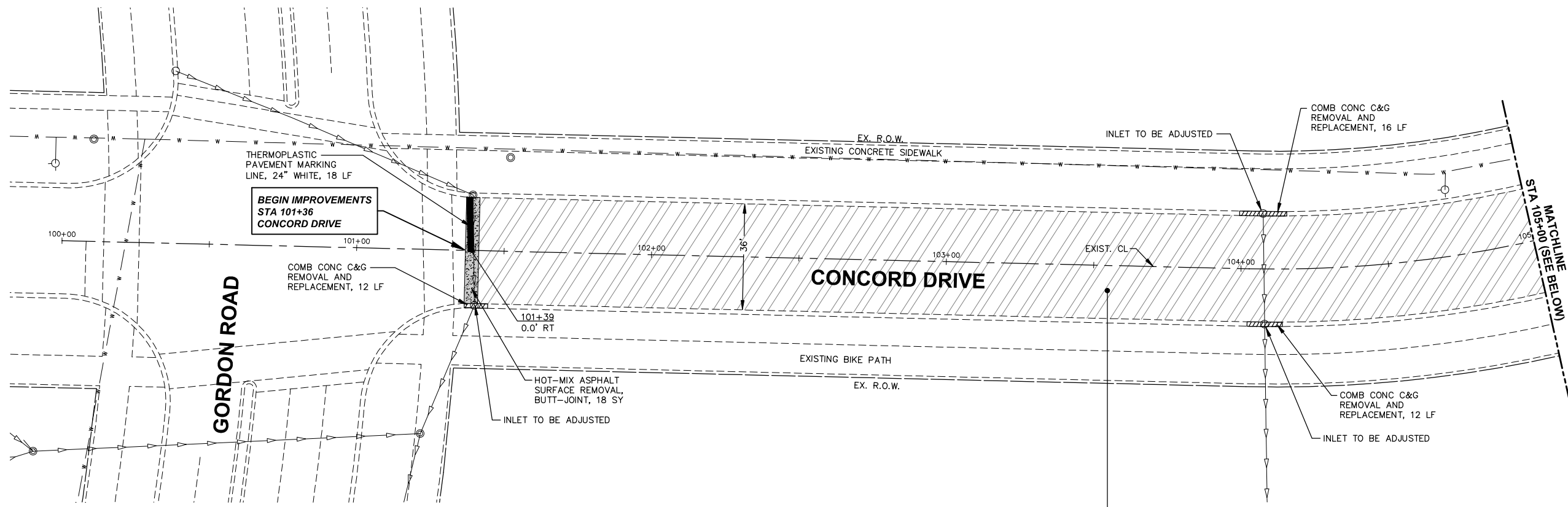
SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-R5	KENDALL	24	8
CONTRACT NO. 61J46			ILLINOIS FED. AID PROJECT	

FILE NAME = H:\SDSKPROJ\MONTGOMERY\2022\M02216\DWG FINAL ENG\M02216-COVER

Plotted: February 7, 2023 @ 10:40 AM By: Jim Schmidt - Model Name: 09 Concord Drive Plan 22x34

FILE NAME = H:\SDSKPROJ\MG_MONTGOMERY\2022\M02216\DWG_FINAL_ENG\M02216-PLAN



LEGEND

	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
	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"

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	DATE -	REVISED -

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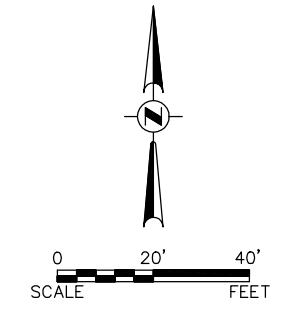
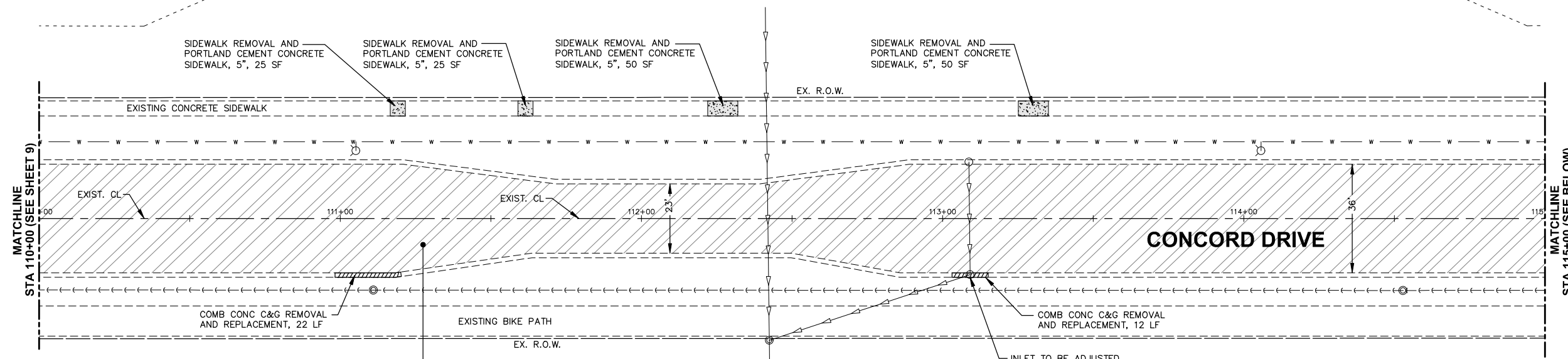
RESURFACING PLAN

SCALE: 1"=20' SHEET 1 OF 8 SHEETS STA. 101+36 TO STA. 110+00

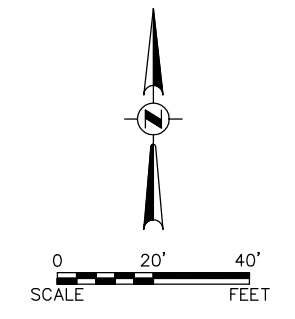
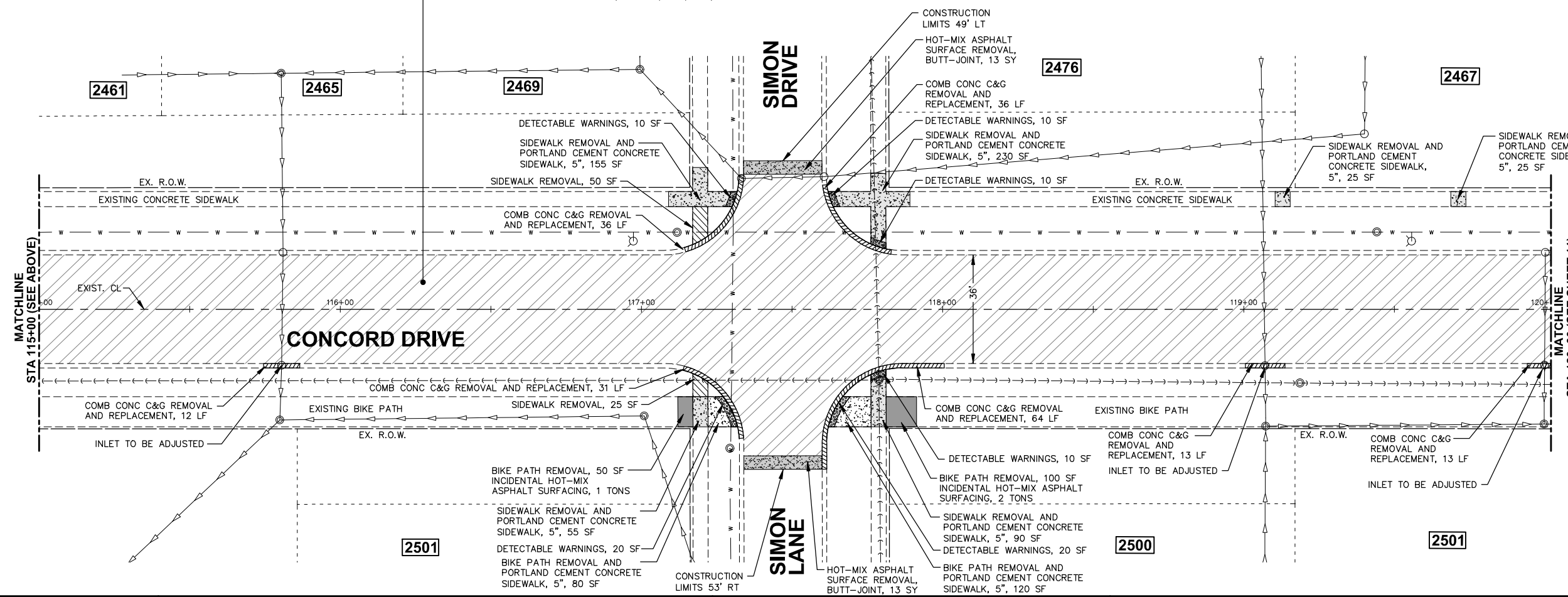
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-RS	KENDALL	24	9
CONTRACT NO. 61J46				
ILLINOIS FED. AID PROJECT				

2484

2461



HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 4,080 SY
 HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5", 350 TONS
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.5", 350 TONS



LEGEND

[Symbol]	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
[Symbol]	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
[Symbol]	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT-JOINT
[Symbol]	BIKE PATH REMOVAL AND INCIDENTAL HOT-MIX ASPHALT SURFACING
[Symbol]	COMB CONC C&G REMOVAL AND REPLACEMENT
[Symbol]	SIDEWALK REMOVAL
[Symbol]	BIKE PATH REMOVAL
[Symbol]	BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
[Symbol]	SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"

FILE NAME = H:\SDSKPROJ\MG_MONTGOMERY\2022\M02216\DWG_FINAL_ENG\M02216-PLAN
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	DATE -	REVISED -

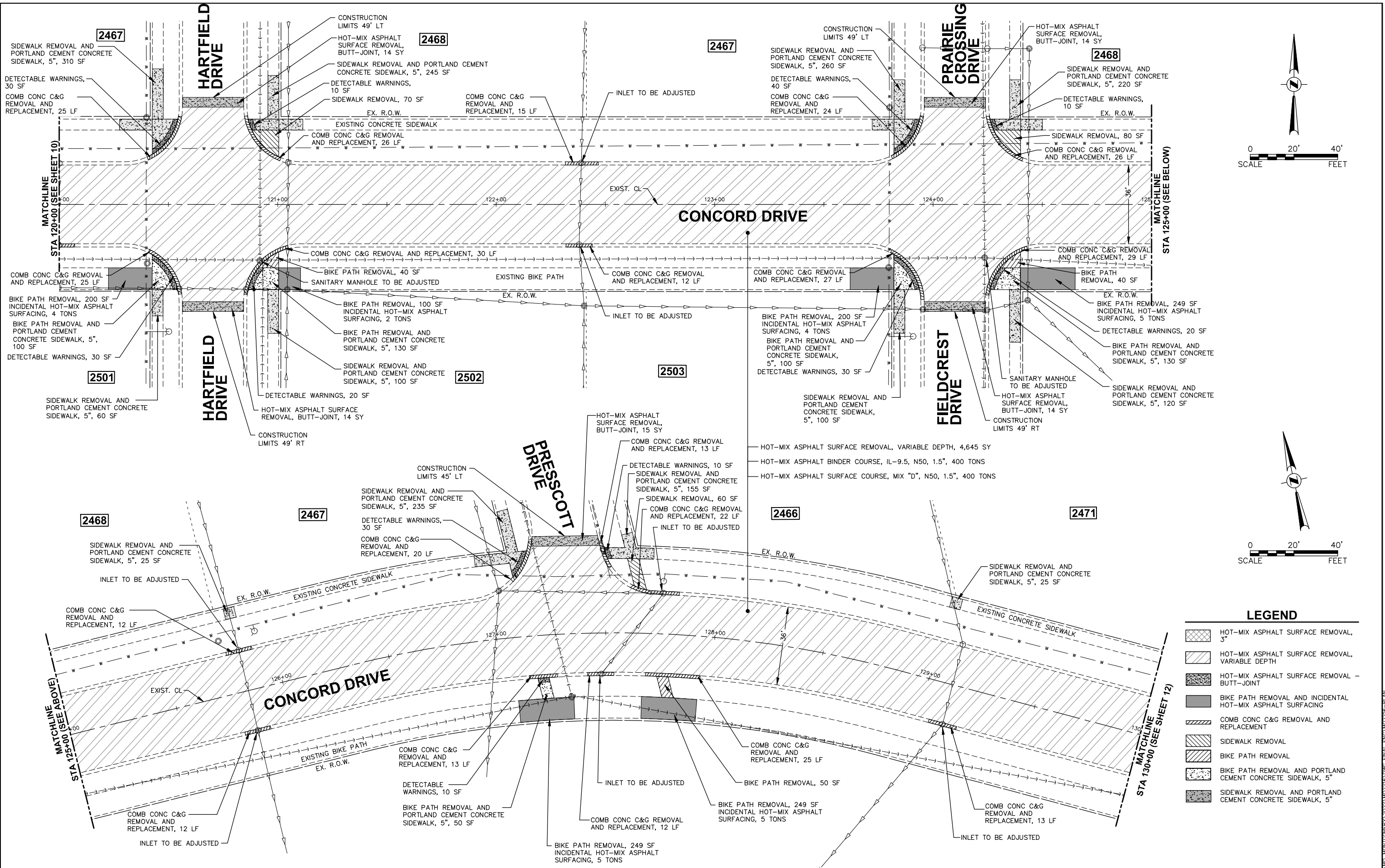
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 DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN

SCALE: 1"=20' SHEET 2 OF 8 SHEETS STA. 110+00 TO STA. 120+00

F.A.U. RTE. 3789	SECTION 22-00059-00-RS	COUNTY KENDALL	TOTAL SHEETS 24	SHEET NO. 10
CONTRACT NO. 61J46			ILLINOIS FED. AID PROJECT	

FILE NAME = H:\SDSKPROJ\MO_MONTGOMERY\2022\M02216\DWG_FINAL\ENG\M02216-PLAN
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	DATE -	REVISED -

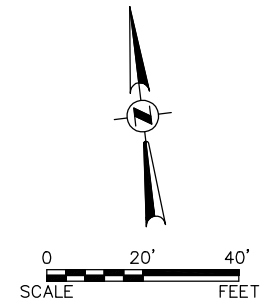
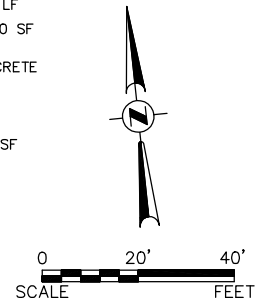
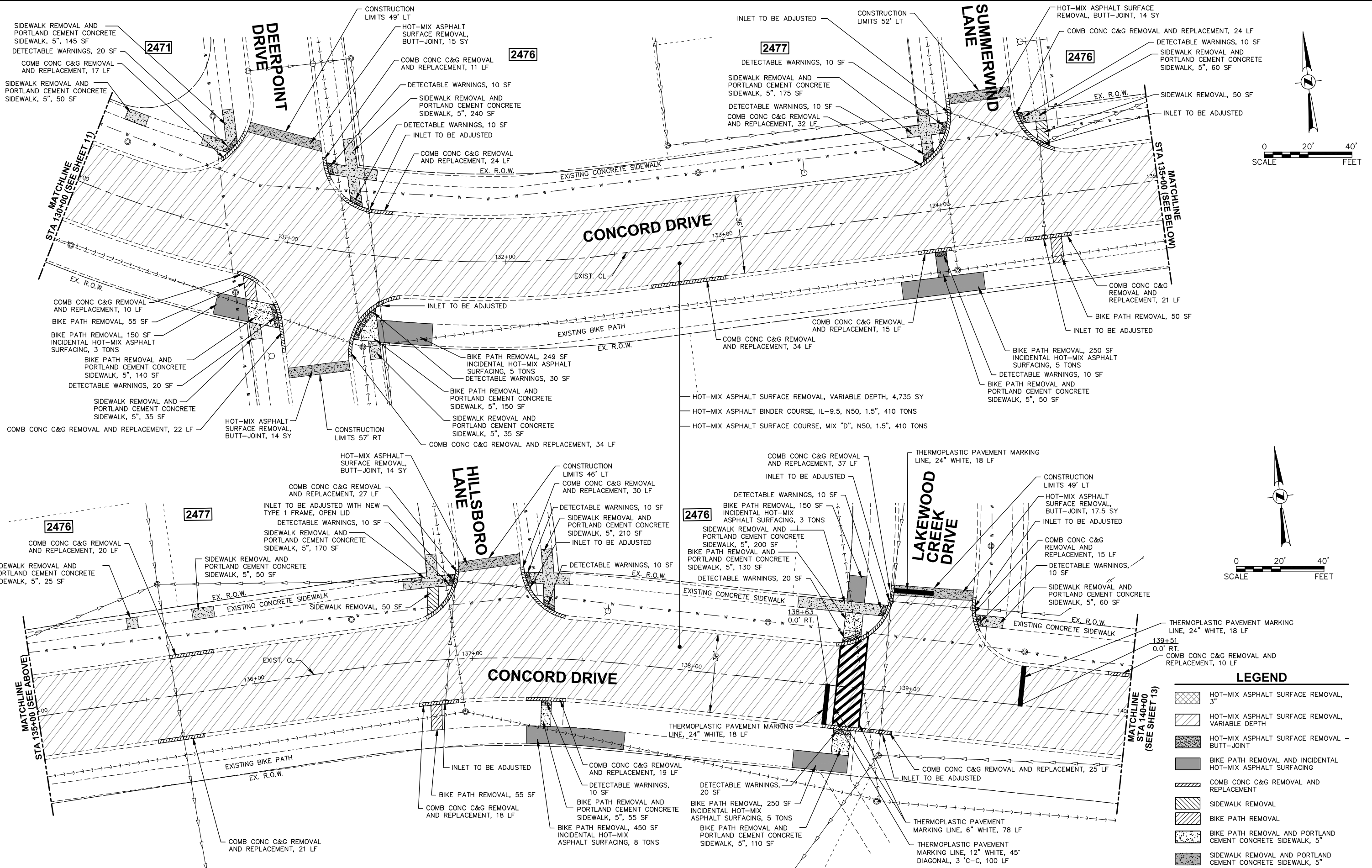
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN

SCALE: 1"=20' SHEET 3 OF 8 SHEETS STA. 120+00 TO STA. 130+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-RS	KENDALL	24	11
CONTRACT NO. 61J46			ILLINOIS FED. AID PROJECT	

FILE NAME = H:\SDSKPROJ\MO_MONTGOMERY\2022\MO2216\DWG_FINAL\ENG\MO2216-PLAN
 PLOTTED: February 7, 2023 @ 10:40 AM By: Jim Schmidt - Model Name: 12 Concord Drive Plan 22x34



LEGEND

[Pattern]	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
[Pattern]	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
[Pattern]	HOT-MIX ASPHALT SURFACE REMOVAL BUTT-JOINT
[Pattern]	BIKE PATH REMOVAL AND INCIDENTAL HOT-MIX ASPHALT SURFACING
[Pattern]	COMB CONC C&G REMOVAL AND REPLACEMENT
[Pattern]	SIDEWALK REMOVAL
[Pattern]	BIKE PATH REMOVAL
[Pattern]	BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
[Pattern]	SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"

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	DATE -	REVISED -

**STATE OF ILLINOIS
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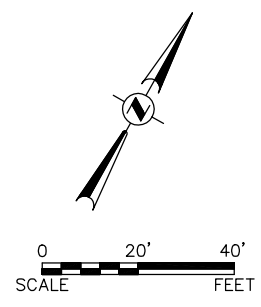
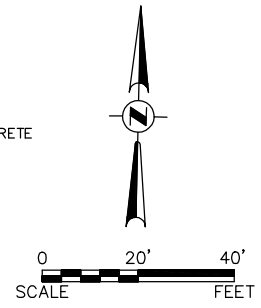
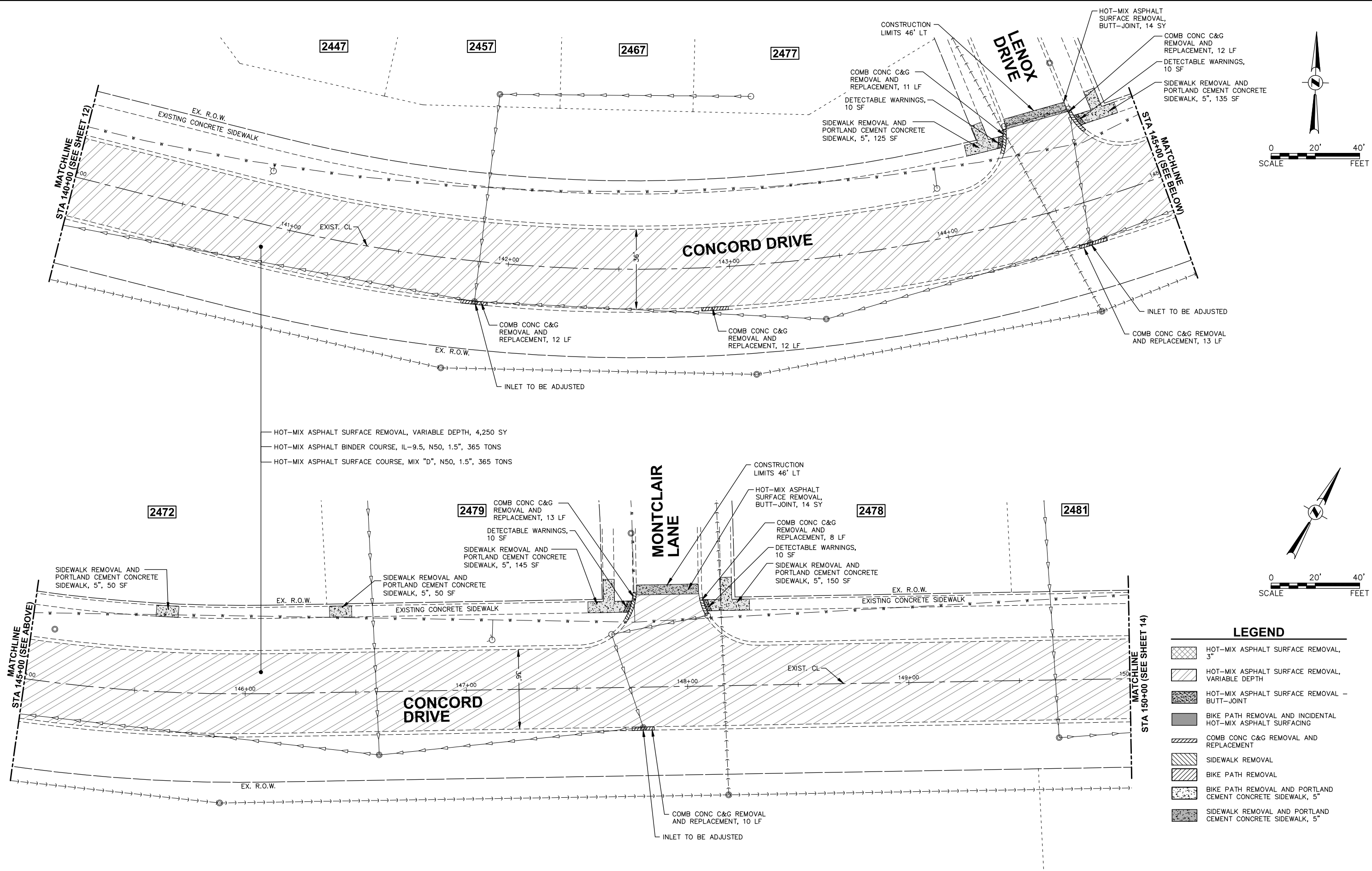
RESURFACING PLAN

SCALE: 1"=20' SHEET 4 OF 8 SHEETS STA. 130+00 TO STA. 140+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-RS	KENDALL	24	12
CONTRACT NO. 61J46				
ILLINOIS FED. AID PROJECT				

Plotted: February 7, 2023 @ 10:40 AM By: Jim Schmidt - Model Name: 13 Concord Drive Plan 22x34

FILE NAME = H:\SDSKPROJ\MONTGOMERY\2022\M02216\DWG_FINAL_ENG\M02216-PLAN



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- 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"

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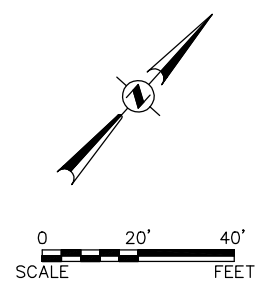
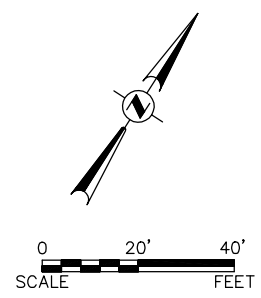
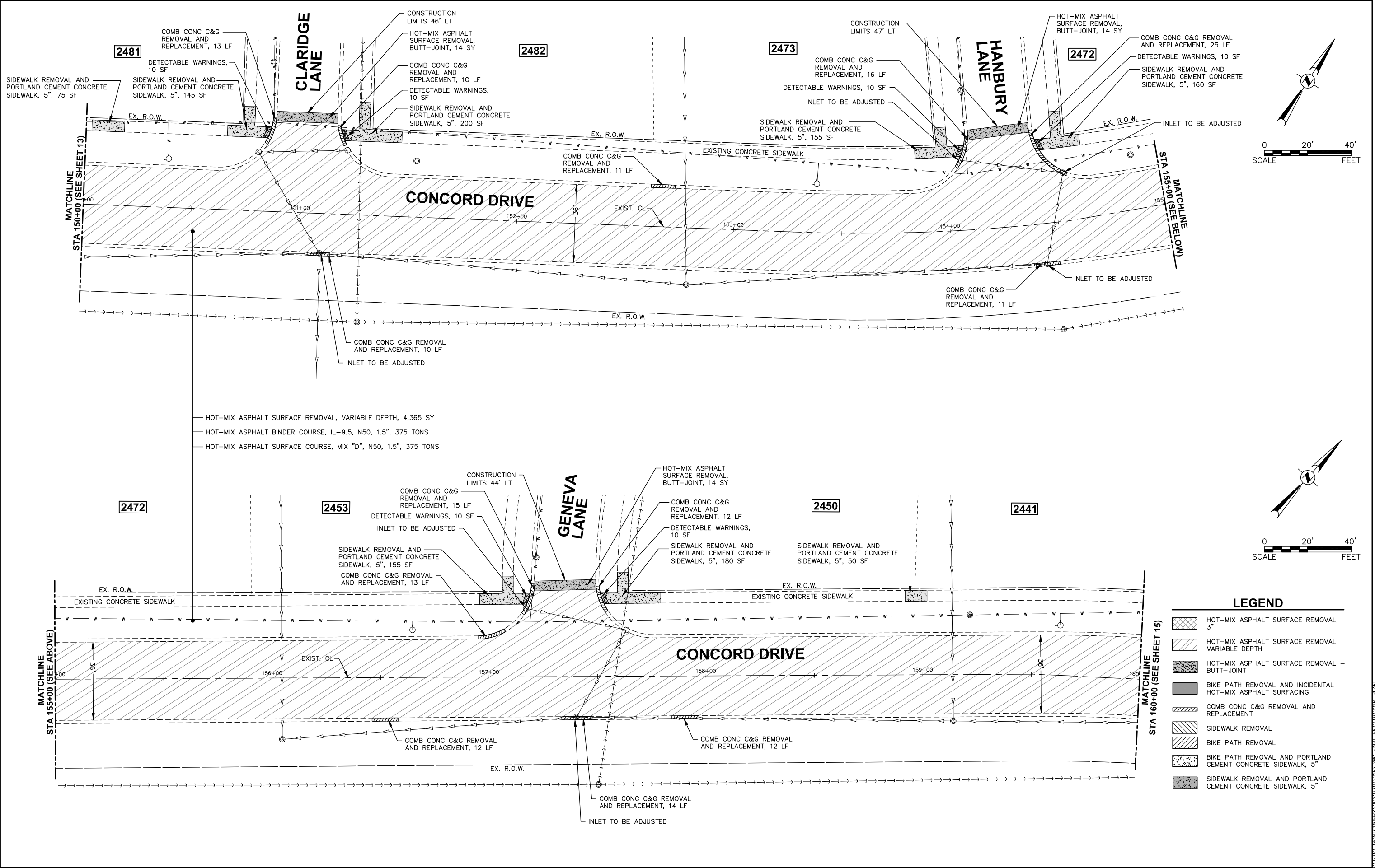
RESURFACING PLAN

SCALE: 1"=20' SHEET 5 OF 8 SHEETS STA. 140+00 TO STA. 150+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-RS	KENDALL	24	13
CONTRACT NO. 61J46				
ILLINOIS FED. AID PROJECT				

Plotted: February 7, 2023 @ 10:40 AM By: Jim Schmidt - Model Name: 14. Concord Drive Plan 22x34

FILE NAME = H:\SDSKPROJ\MO_MONTGOMERY_2022\M02216\DWG_FINAL_ENG\M02216-PLAN



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- 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"

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	DATE -	REVISED -

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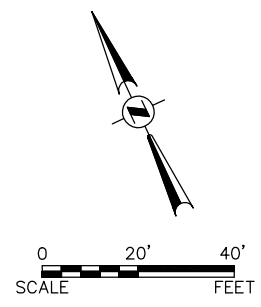
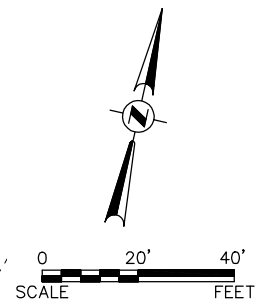
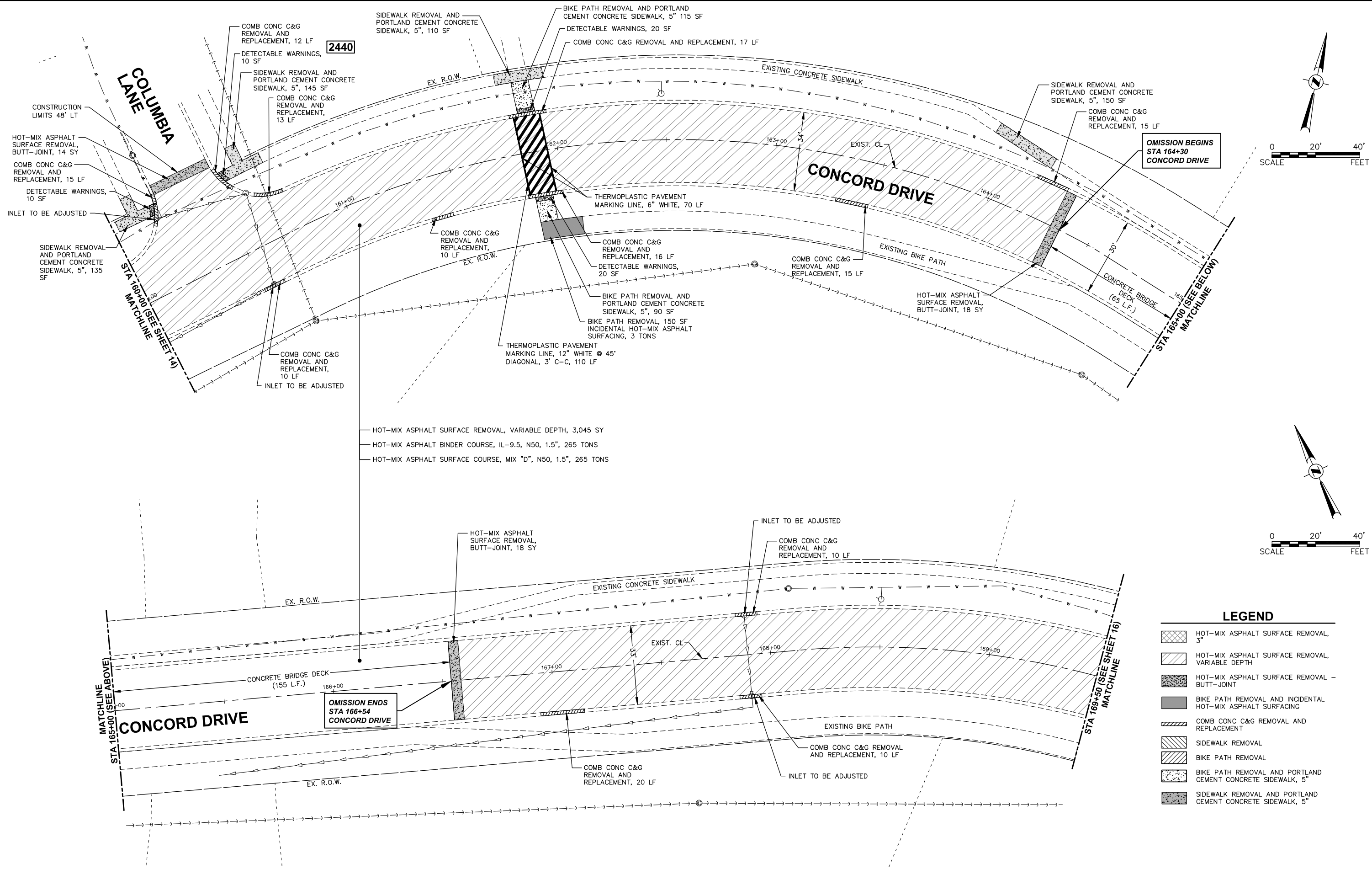
RESURFACING PLAN

SCALE: 1"=20' SHEET 6 OF 8 SHEETS STA. 150+00 TO STA. 160+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-RS	KENDALL	24	14
CONTRACT NO. 61J46			ILLINOIS FED. AID PROJECT	

Plotted: February 7, 2023 @ 10:40 AM By: Jim Schmidt - Model Name: 15 Concord Drive Plan 22x34

FILE NAME = H:\SDSKPROJ\MO_MONTGOMERY\2022\M02216\DWG_FINAL\ENG\M02216-PLAN



LEGEND

[Symbol]	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
[Symbol]	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
[Symbol]	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT-JOINT
[Symbol]	BIKE PATH REMOVAL AND INCIDENTAL HOT-MIX ASPHALT SURFACING
[Symbol]	COMB CONC C&G REMOVAL AND REPLACEMENT
[Symbol]	SIDEWALK REMOVAL
[Symbol]	BIKE PATH REMOVAL
[Symbol]	BIKE PATH REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
[Symbol]	SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 3,045 SY
 HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5", 265 TONS
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.5", 265 TONS

2440

OMISSION BEGINS
 STA 164+30
 CONCORD DRIVE

OMISSION ENDS
 STA 166+54
 CONCORD DRIVE

Engineering Enterprises, Inc.
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 Sugar Grove, Illinois 60554
 630.466.6700 / www.eeiweb.com

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	DATE -	REVISED -

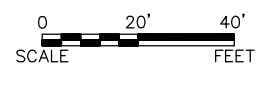
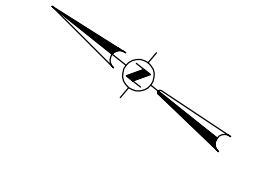
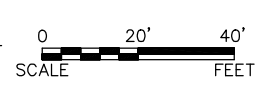
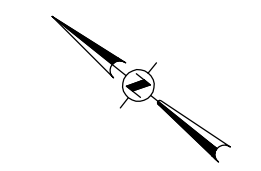
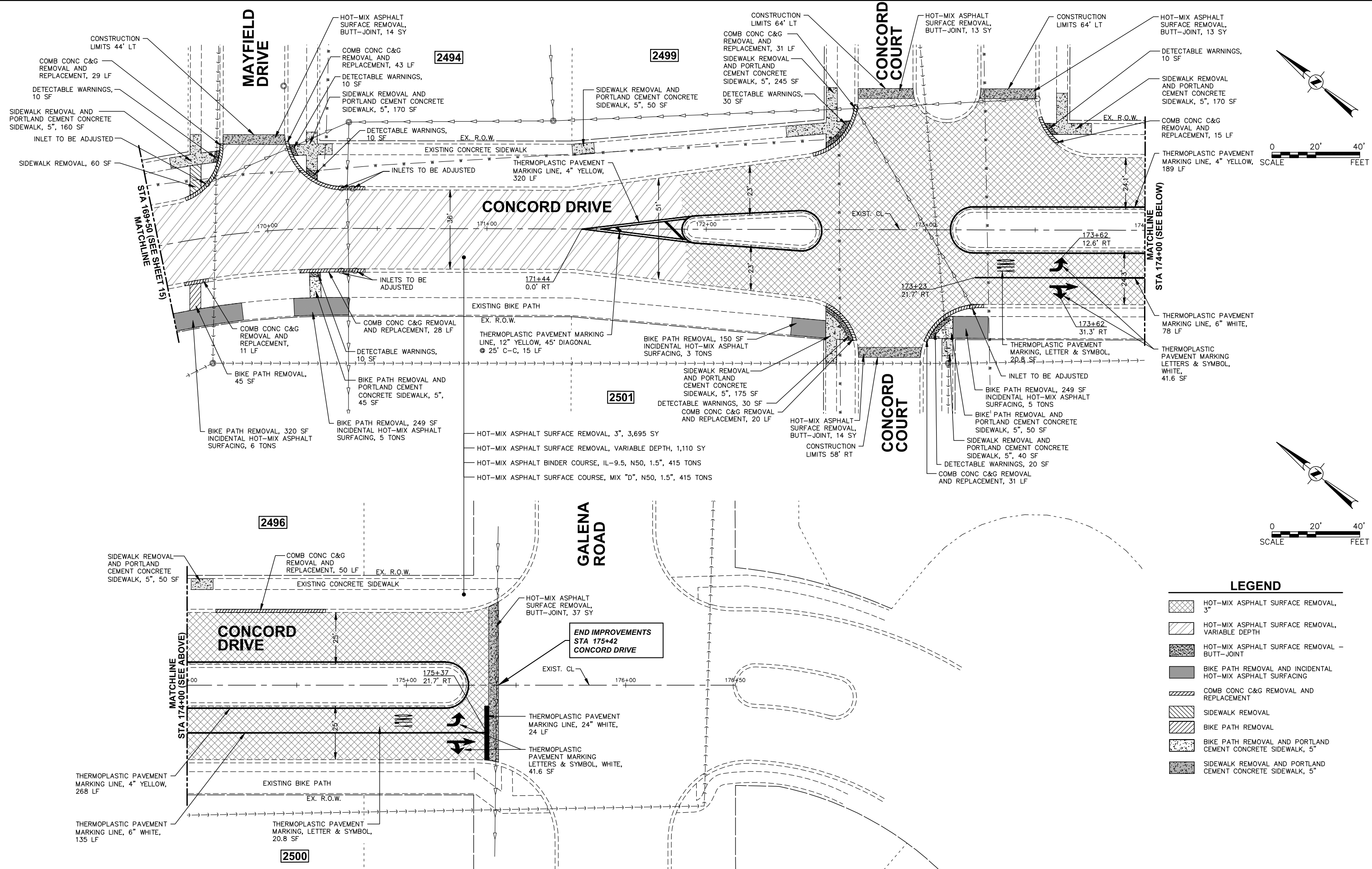
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RESURFACING PLAN
 SCALE: 1"=20' SHEET 7 OF 8 SHEETS STA. 160+00 TO STA. 169+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-RS	KENDALL	24	15
CONTRACT NO. 61J46				
ILLINOIS FED. AID PROJECT				

Plotted: February 7, 2023 @ 10:40 AM By: Jim Schmidt - Model Name: 16 Concord Drive Plan 22x34

FILE NAME = H:\SDSKPROJ\MO_MONTGOMERY\2022\MO2216\DWG_FINAL_ENG\MO2216-PLAN



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- 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"

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

USER NAME = Jim Schmidt	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = February 7, 2023 @ 10:40 AM	CHECKED -	REVISED -
	DATE -	REVISED -

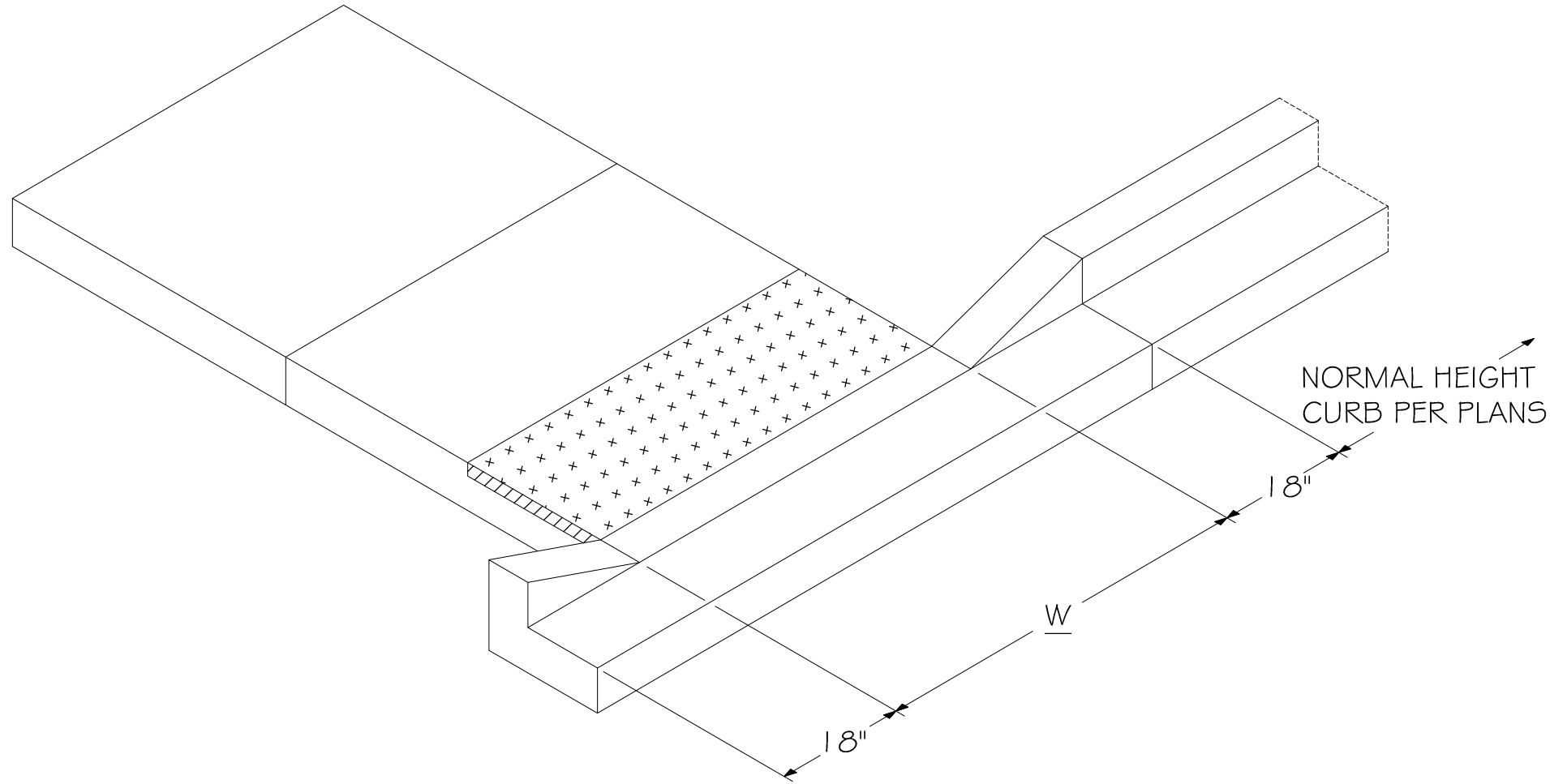
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN		
SCALE: 1"=20'	SHEET 8 OF 8 SHEETS	STA. 169+50 TO STA. 175+42

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-RS	KENDALL	24	16
CONTRACT NO. 61J46			ILLINOIS FED. AID PROJECT	


Plotted: February 7, 2023 @ 10:41 AM By: Jim Schmidt - Model Name: 17 Village Details 22x34

FILE NAME = H:\SDSKPROJ\MO_MONTGOMERY\2022\M02216\DWG_FINAL_ENG\M02216-1DOT_DIST 1 DET



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.

 <p>VILLAGE OF MONTGOMERY 891 KNELL ROAD MONTGOMERY, IL 60538 (630) 896-9241</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: 10/2015		REVISED:	

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 52 Wheeler Road
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USER NAME = Jim Schmidt	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = February 7, 2023 @ 10:41 AM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

VILLAGE DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-RS	KENDALL	24	17
CONTRACT NO. 6IJ46				
ILLINOIS FED. AID PROJECT				

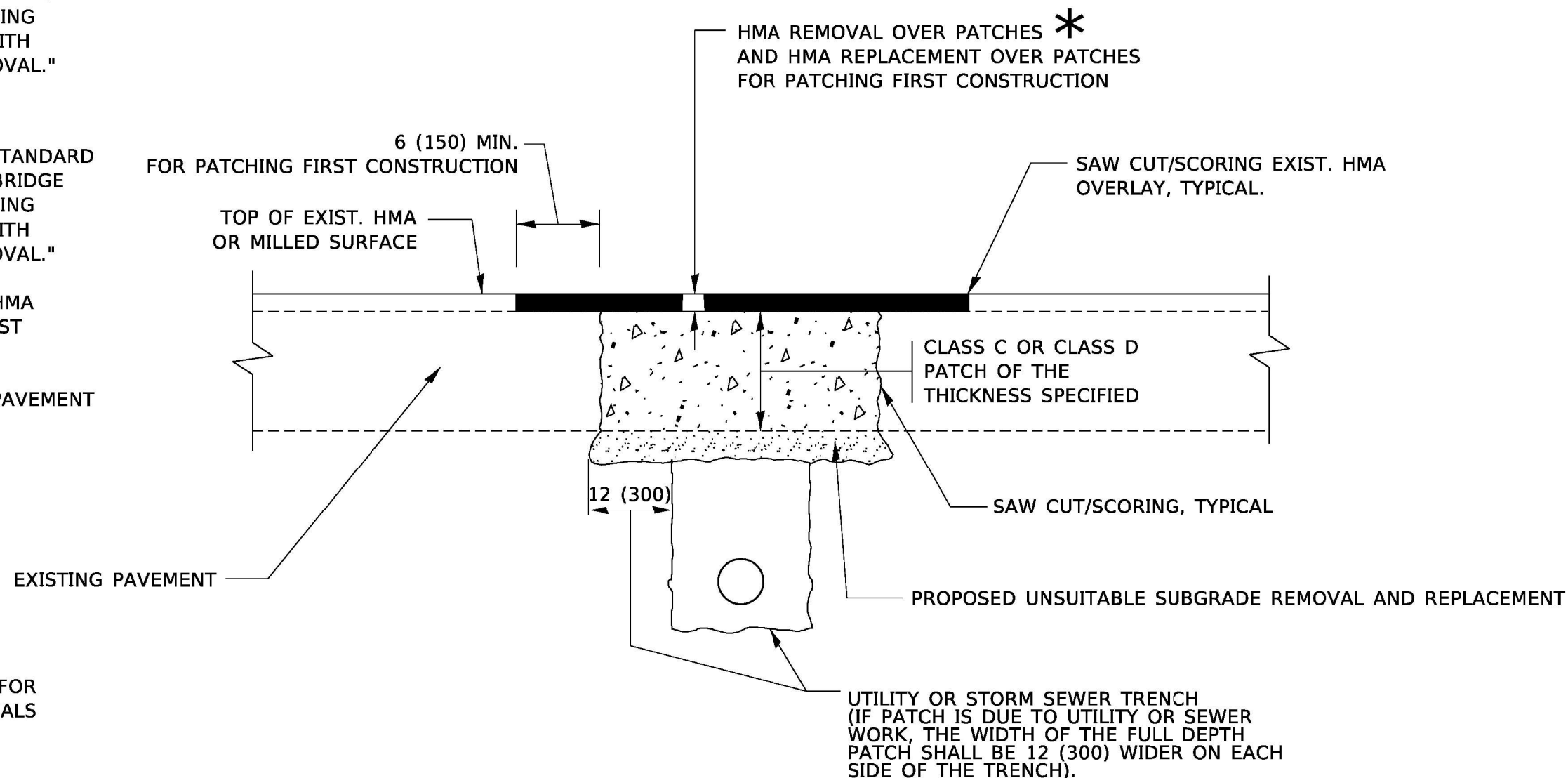
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METHOD OF MEASUREMENT

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

BASIS OF PAYMENT

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



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

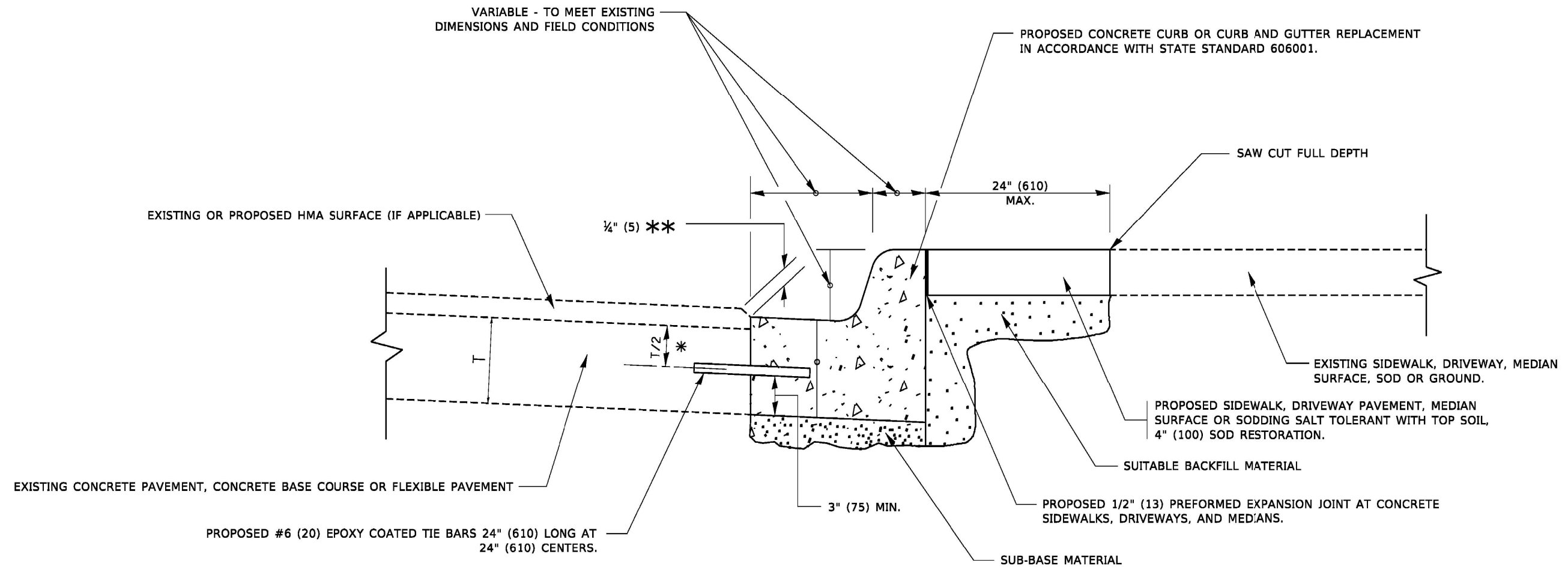
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

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

	USER NAME = Lawrence.DeManche PLOT SCALE = 100.0000' / in. PLOT DATE = 11/18/2022	DESIGNED - R. SHAH DRAWN - CHECKED - DATE - 10-25-94	REVISED - R. BORO 01-01-07 REVISED - R. BORO 09-04-07 REVISED - K. ENG 10-27-08 REVISED - K. SMITH 11-19-22	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	F.A. RTE. 3789 SECTION 22-00059-00-RS COUNTY KENDALL TOTAL SHEETS 24 SHEET NO. 18	CONTRACT NO. 6IJ46
	SCALE: NONE SHEET 1 OF 1 SHEETS STA TO STA.		ILLINOIS FED. AID PROJECT				



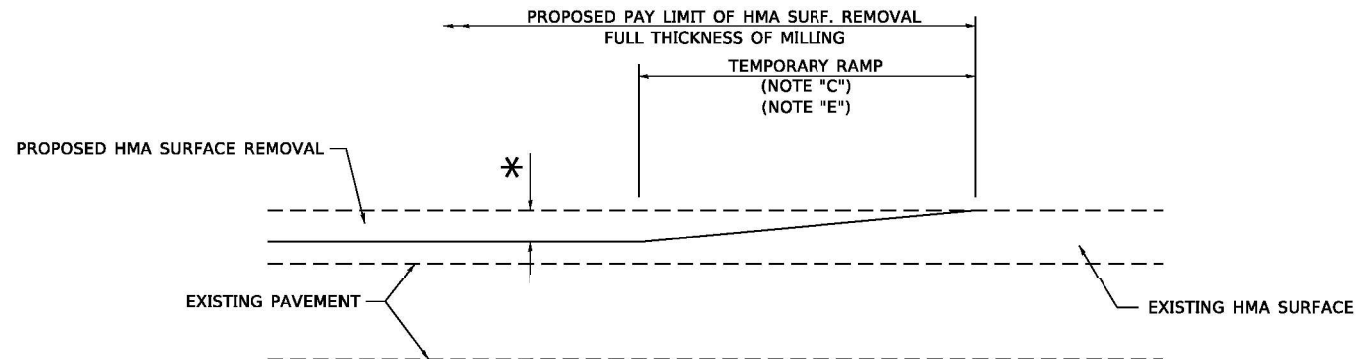
- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

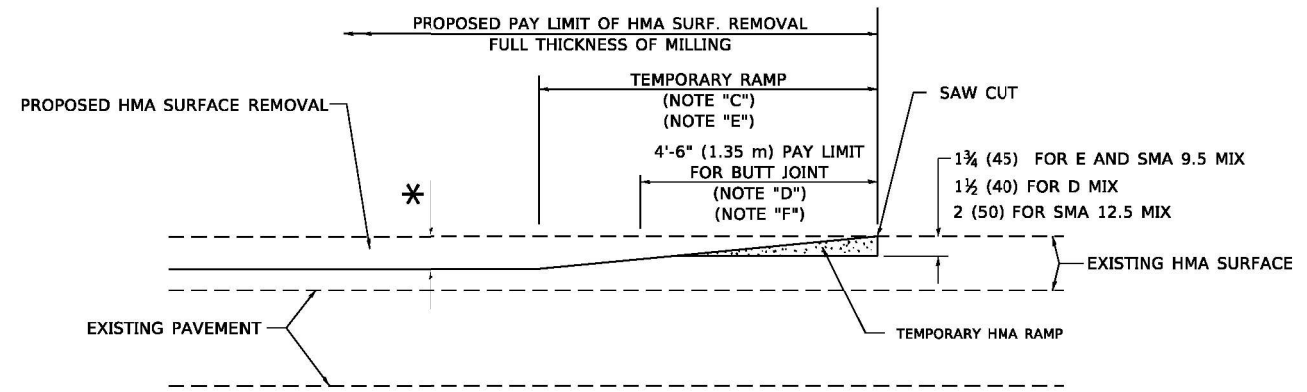
	Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eeiweb.com	USER NAME = footemj DESIGNED - A. HOUSEH DRAWN - CHECKED - DATE - 03-11-94 PLOT SCALE = 50.0000" / in. PLOT DATE = 7/11/2019	DESIGNED - A. HOUSEH DRAWN - CHECKED - DATE - 03-11-94 REVISIONS: REVISED - A. ABBAS 03-21-97 REVISED - M. GOMEZ 01-22-01 REVISED - R. BORO 12-15-09 REVISED - K. SMITH 07-11-19	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="font-size: 8px;">F.A. RTE.</th> <th style="font-size: 8px;">SECTION</th> <th style="font-size: 8px;">COUNTY</th> <th style="font-size: 8px;">TOTAL SHEETS</th> <th style="font-size: 8px;">SHEET NO.</th> </tr> <tr> <td style="font-size: 8px;">3789</td> <td style="font-size: 8px;">22-00059-00-RS</td> <td style="font-size: 8px;">KENDALL</td> <td style="font-size: 8px;">24</td> <td style="font-size: 8px;">19</td> </tr> <tr> <td colspan="2" style="font-size: 8px; text-align: center;">BD600-06 (BD-24)</td> <td colspan="3" style="font-size: 8px; text-align: center;">CONTRACT NO. 61J46</td> </tr> <tr> <td colspan="5" style="font-size: 8px; text-align: center;">ILLINOIS FED. AID PROJECT</td> </tr> </table>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	3789	22-00059-00-RS	KENDALL	24	19	BD600-06 (BD-24)		CONTRACT NO. 61J46			ILLINOIS FED. AID PROJECT				
	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																						
	3789	22-00059-00-RS	KENDALL	24	19																						
BD600-06 (BD-24)		CONTRACT NO. 61J46																									
ILLINOIS FED. AID PROJECT																											

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

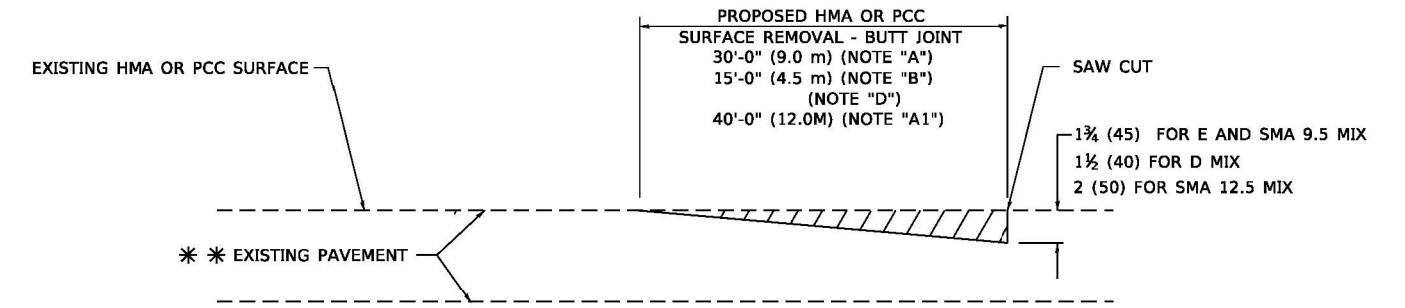
OPTION 1



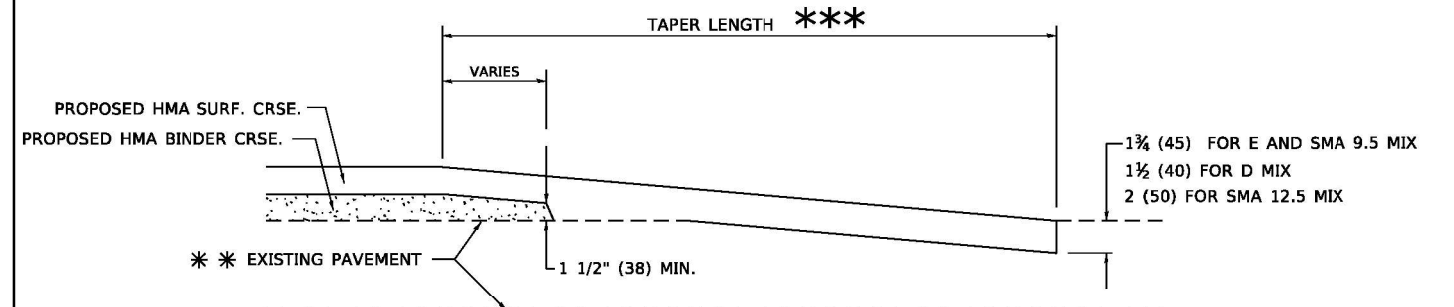
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

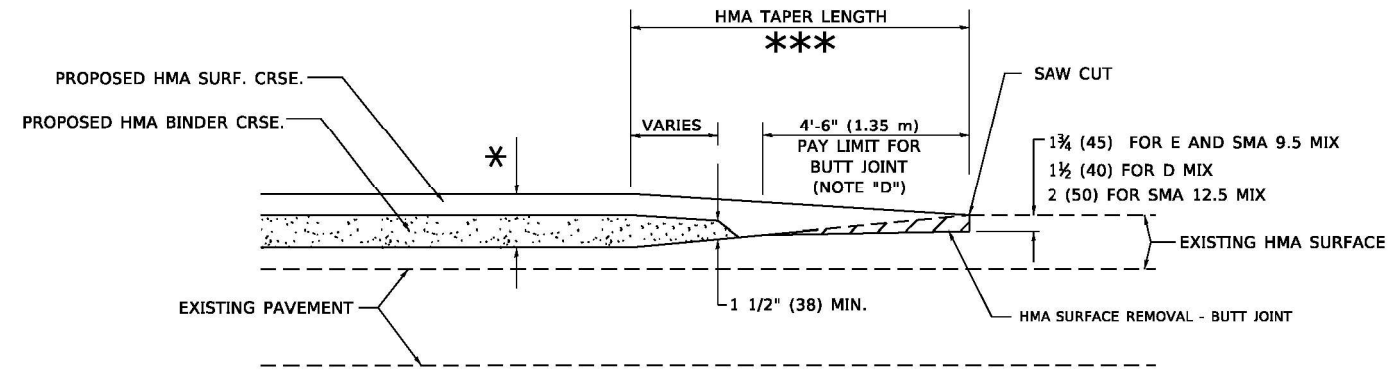
*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

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.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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

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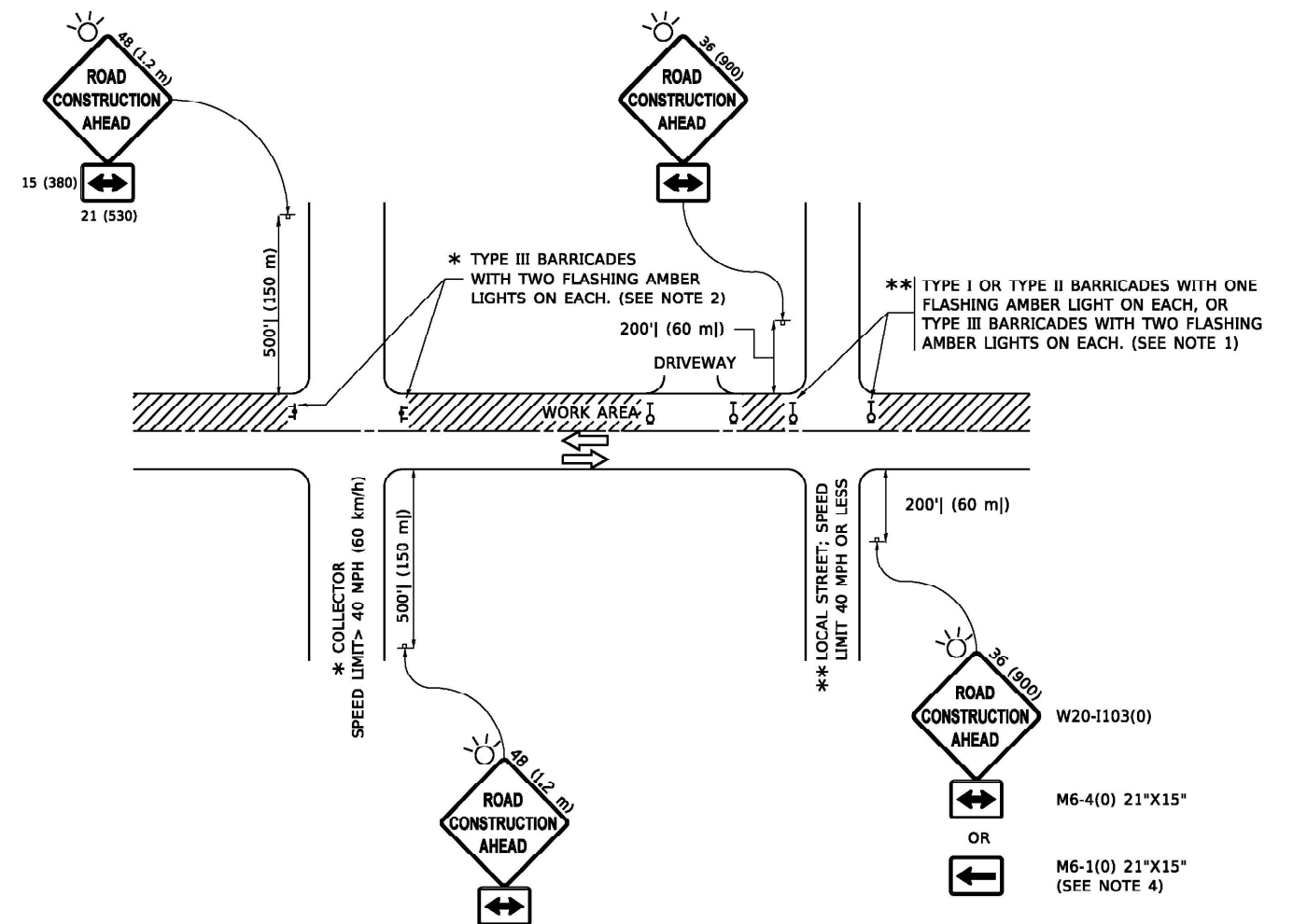
Engineering Enterprises, Inc. CONSULTING ENGINEERS
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630.466.6700 / www.ee1web.com

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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-RS	KENDALL	24	20
BD400-05 BD-32		CONTRACT NO. 61J46		
ILLINOIS FED. AID PROJECT				



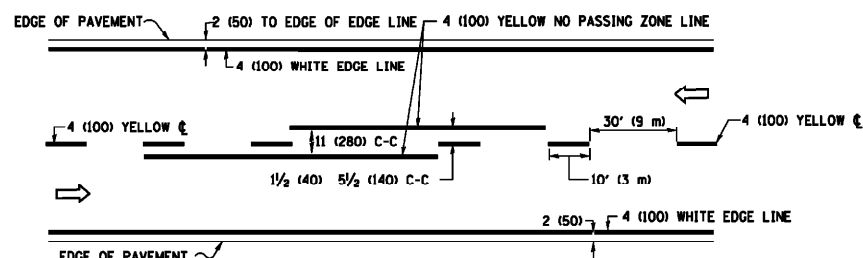
NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

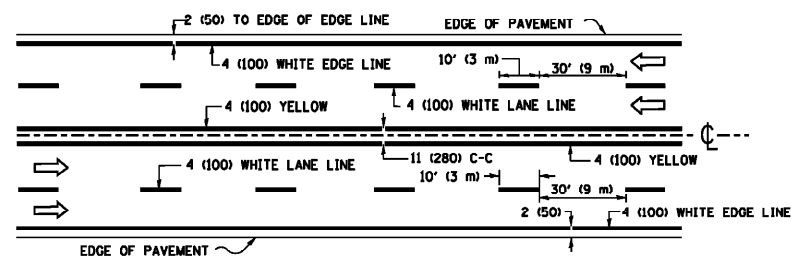
All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = footamj	DFSIGNFD - I.H.A.	RFVISFD - A. HOUSSFH 10-15-96
	DRAWN -	REVISED - T. RAMMACHI 01-06-00
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

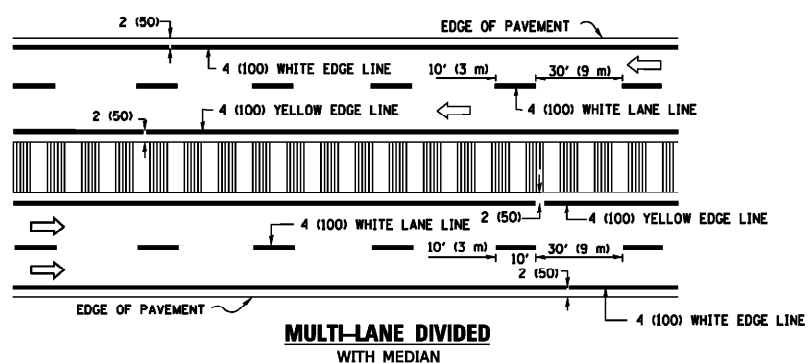
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3789	22-00059-00-RS	KENDALL	24	21
TC-10			CONTRACT NO. 61J46	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

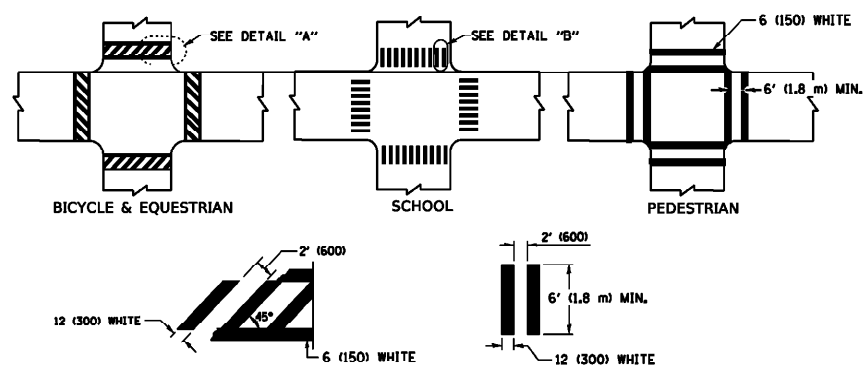


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

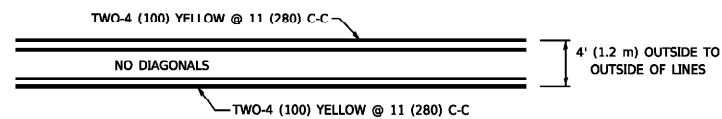


DETAIL "A"

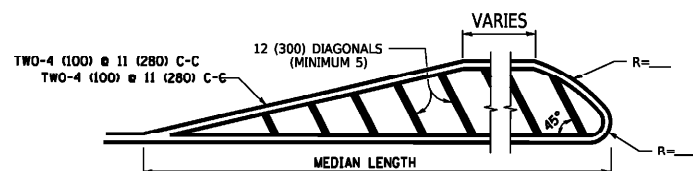
DETAIL "B"

TYPICAL CROSSWALK MARKING

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



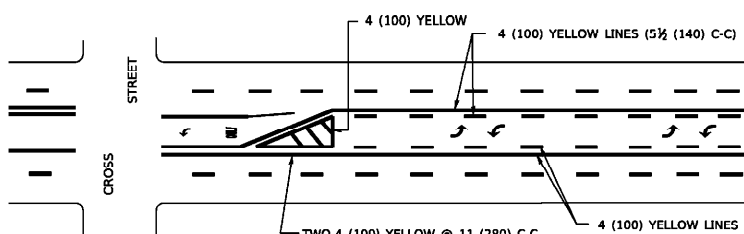
4' (1.2 m) WIDE MEDIANS ONLY



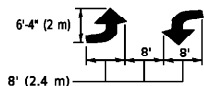
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

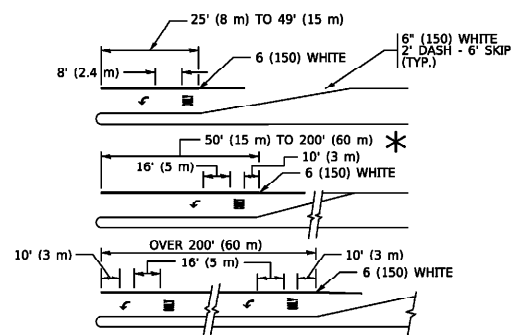


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

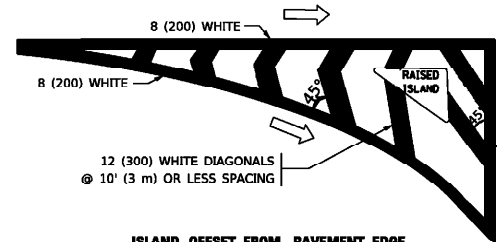
TYPICAL PAINTED MEDIAN MARKING



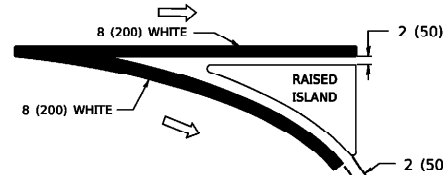
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

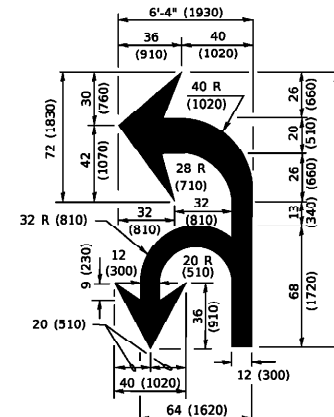
TYPICAL TURN LANE MARKING



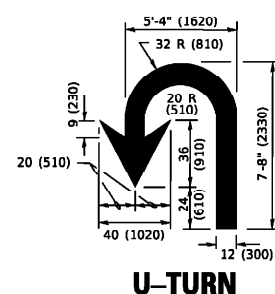
ISLAND OFFSET FROM PAVEMENT EDGE



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



LANE REDUCTION TRANSITION

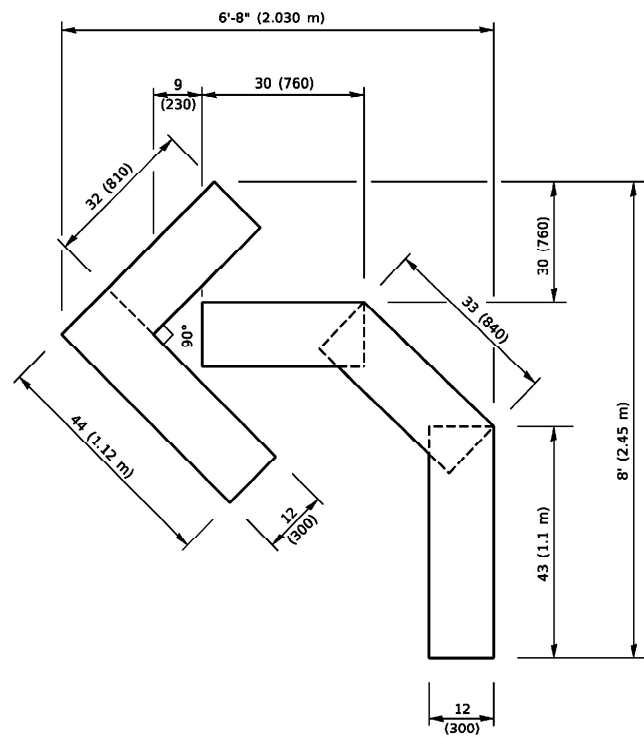
* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

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

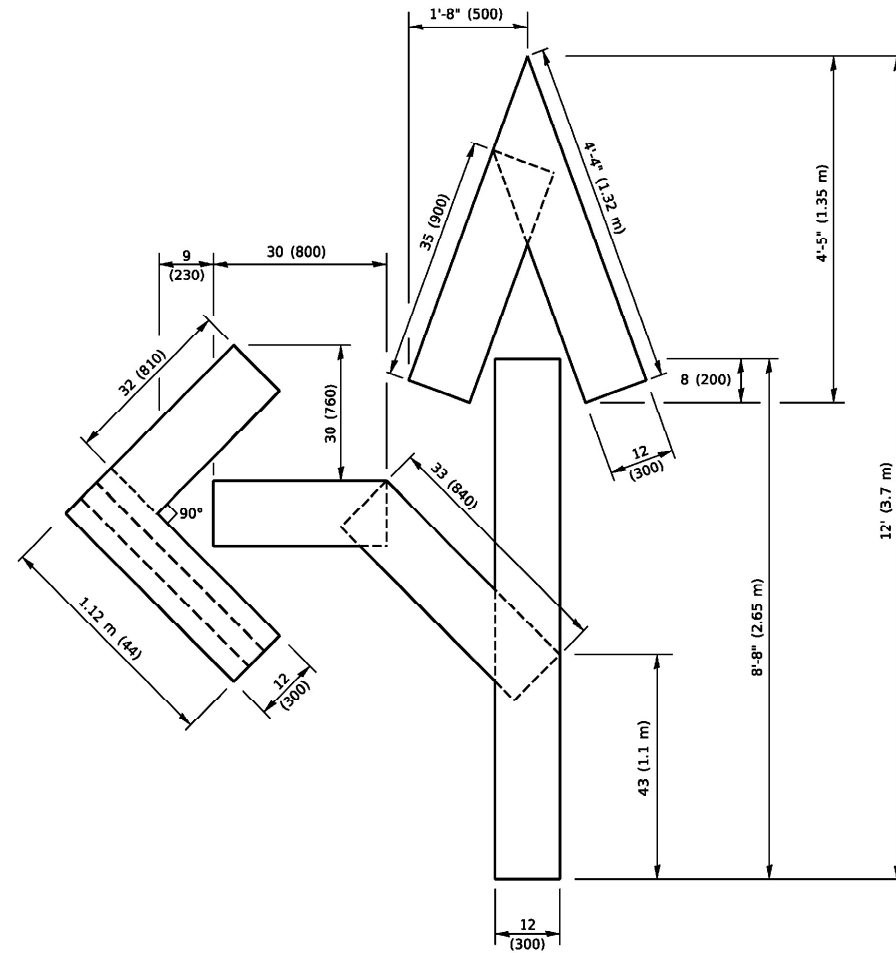
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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



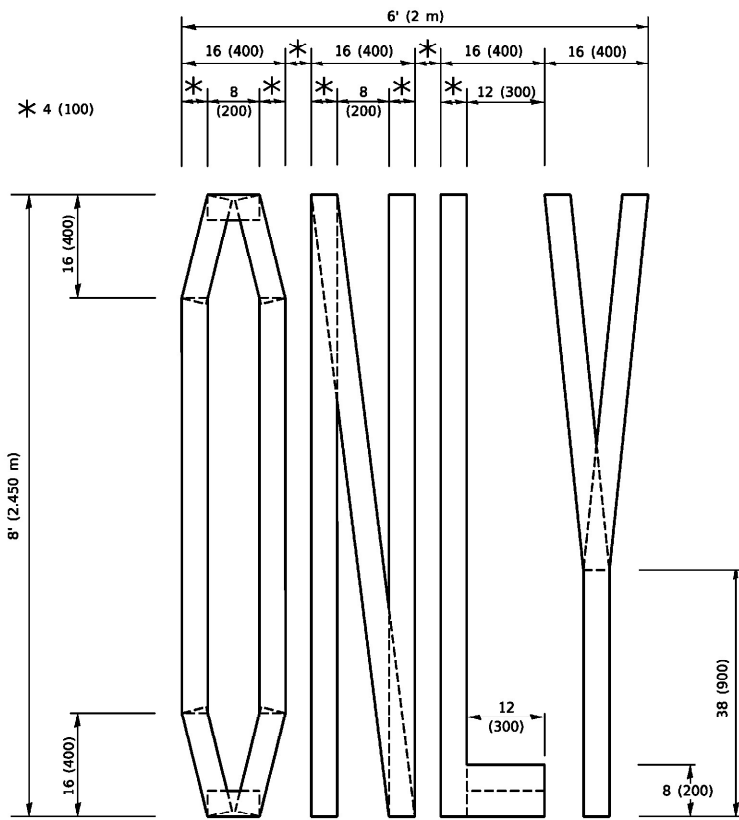
QUANTITY

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



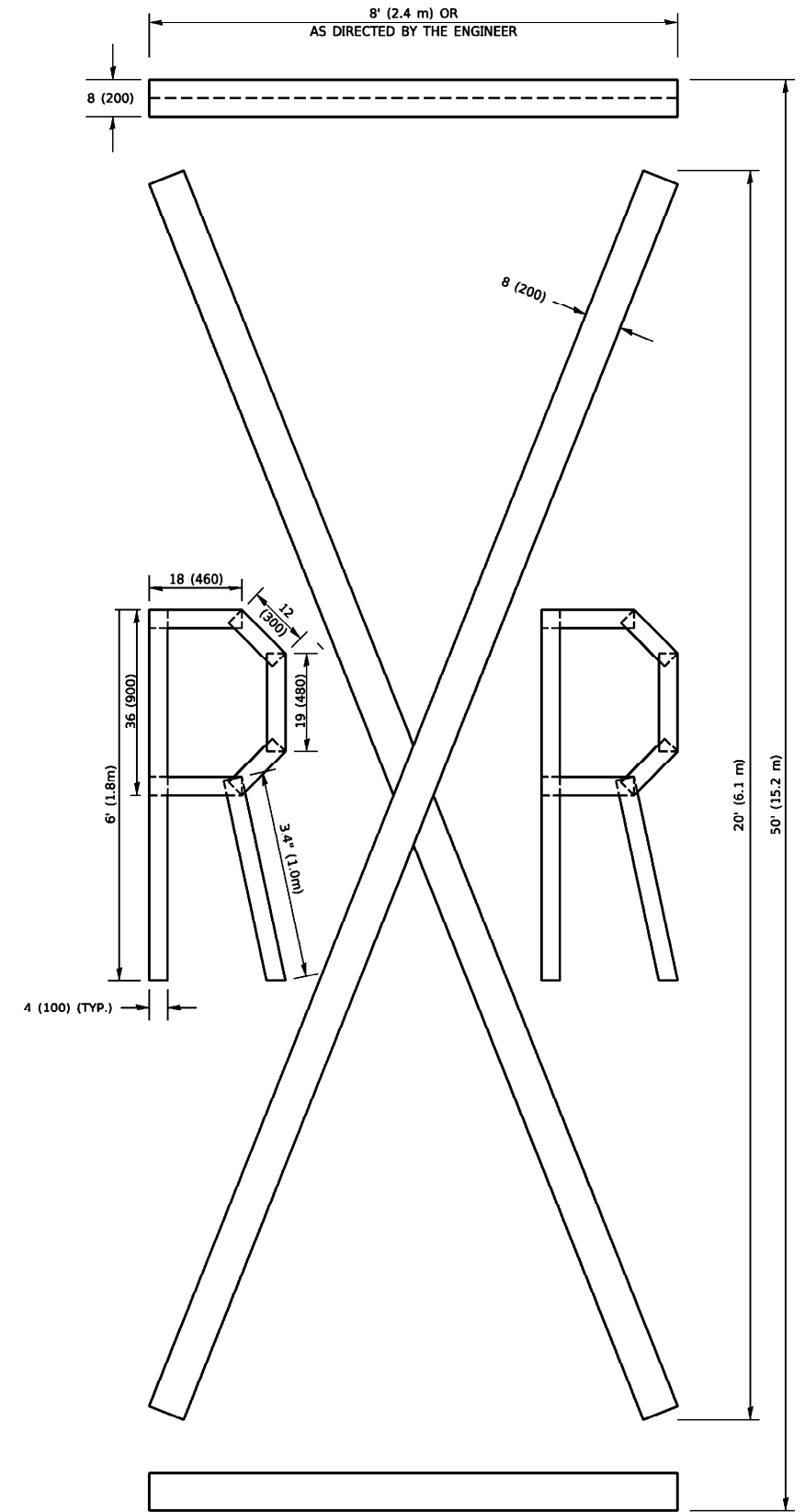
QUANTITY

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



QUANTITY

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

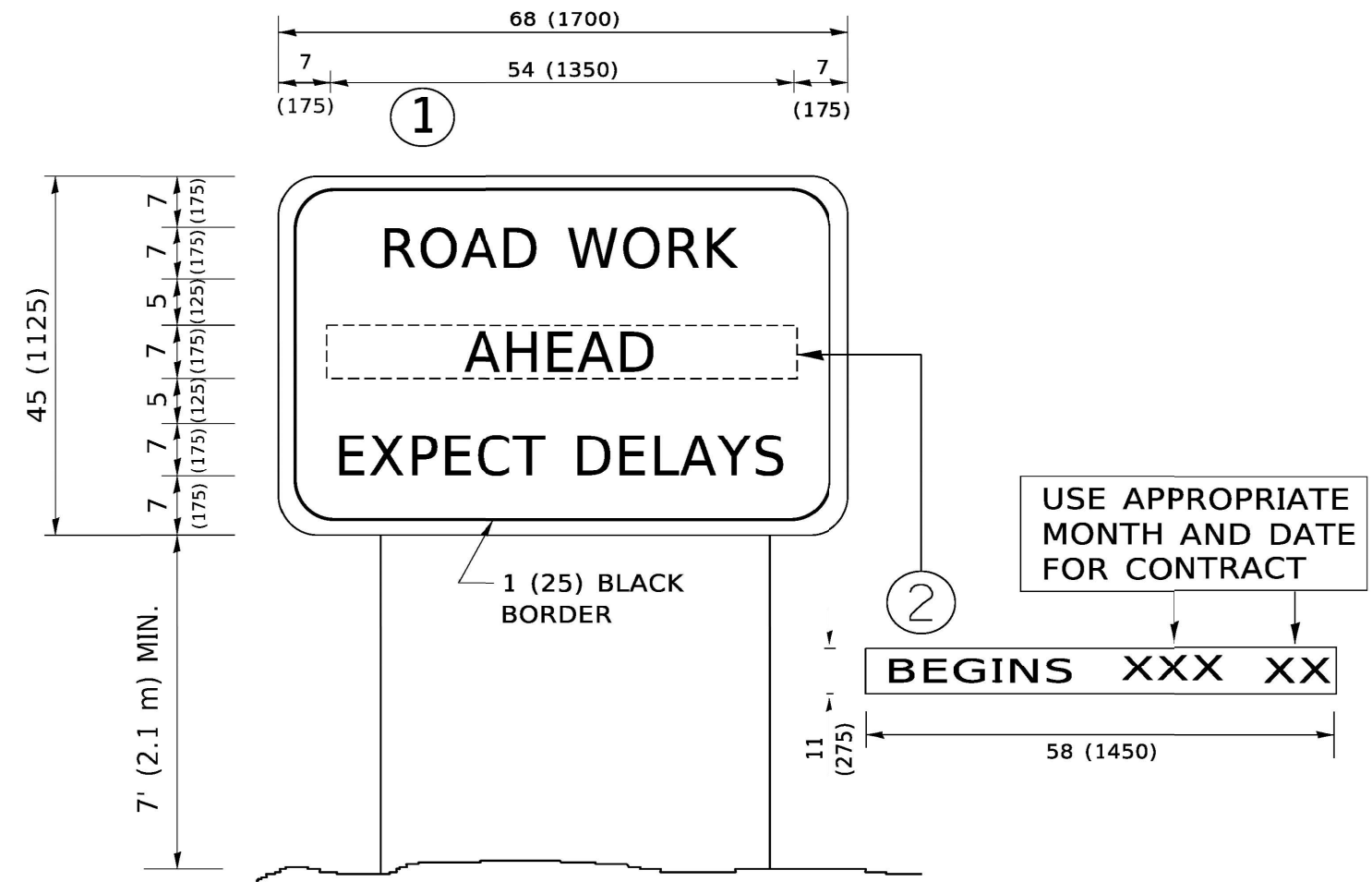


QUANTITY

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

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

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



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.

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

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3789	22-00059-00-RS	KENDALL	24	24
TC-22		CONTRACT NO. 61J46		
ILLINOIS FED. AID PROJECT				