

11-08-2024 LETTING ITEM 126

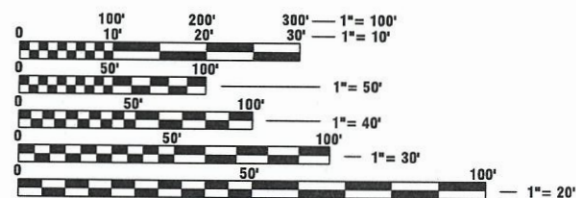
FOR INDEX OF SHEETS, HIGHWAY STANDARDS, AND PR LEGEND SEE SHEET NO. 2

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

E. VAN EMMON STREET

DESIGN DESIGNATION
MAJOR COLLECTOR
DESIGN SPEED = 35 M.P.H.
POSTED SPEED = 30 M.P.H.
ADT (2019) = 4,000 VPD 5% TRUCKS

PROJECT LOCATED IN THE UNITED CITY OF YORKVILLE



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.



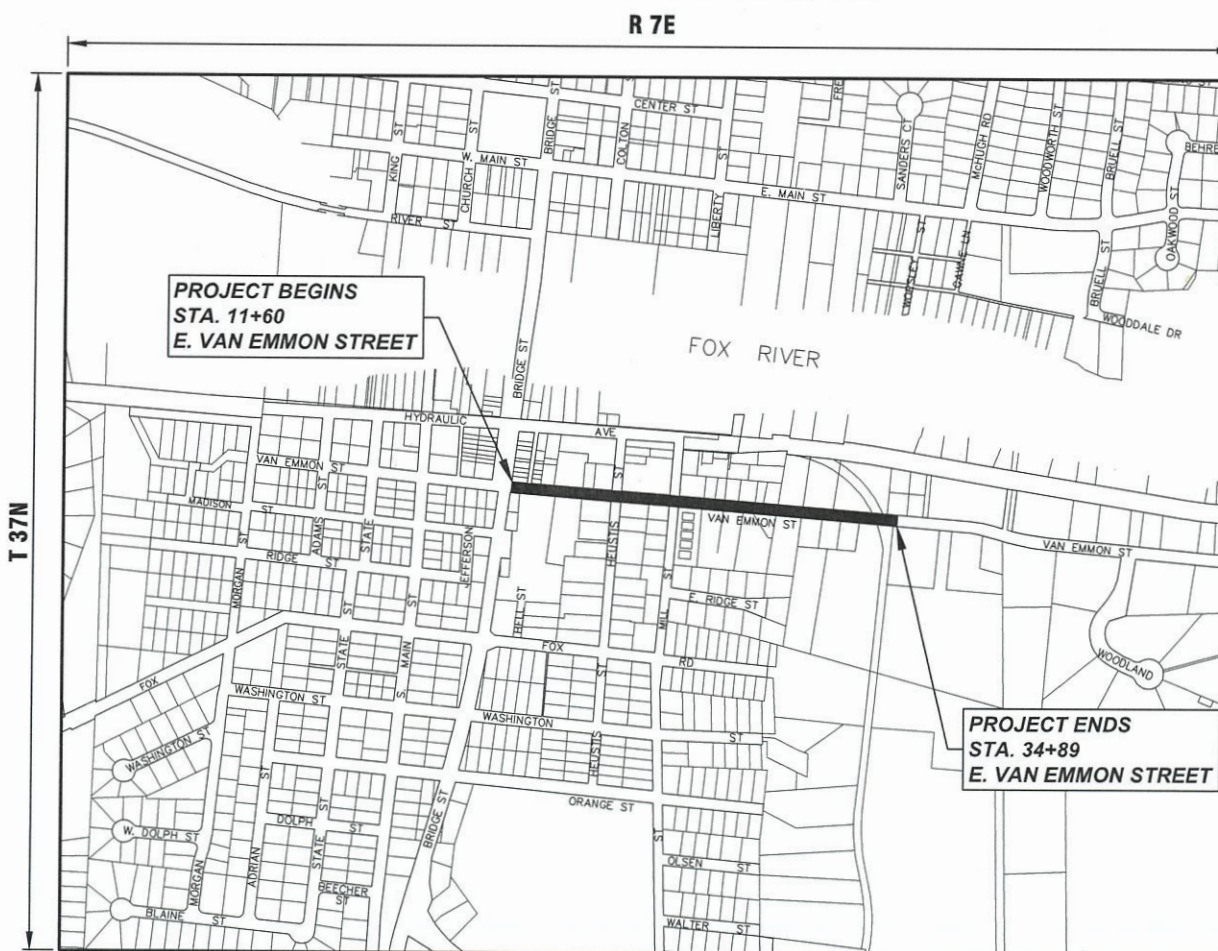
CONTRACT NO. 87869

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

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

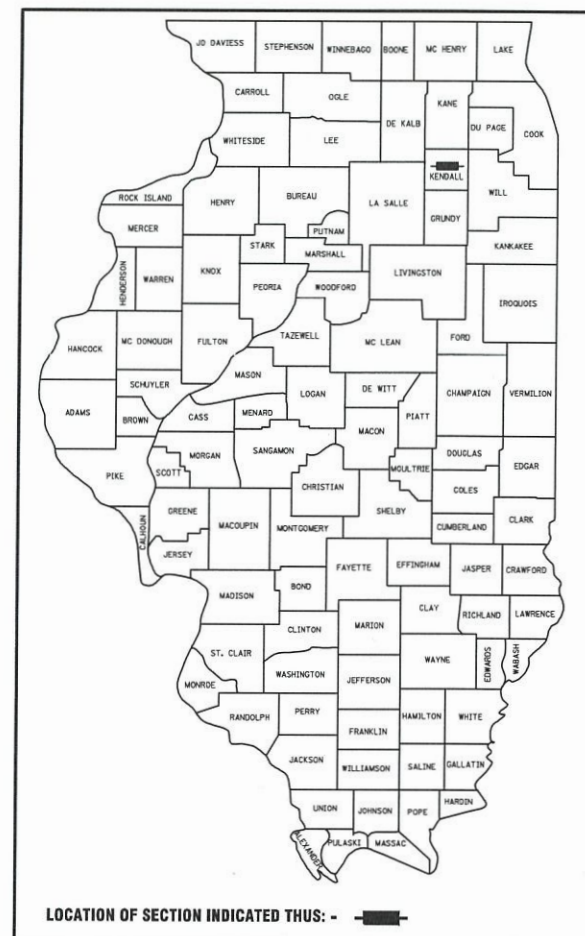
**STU FUNDING
FAU 2515 (E. VAN EMMON STREET)
IL ROUTE 47 (BRIDGE STREET) TO CITY LIMITS
SECTION 24-00053-00-RS
PROJECT NUMBER: T4N9 (336)
ROADWAY RESURFACING
UNITED CITY OF YORKVILLE
KENDALL COUNTY, ILLINOIS
JOB NO. C-93-023-25**



LOCATION MAP (SCALE 1"=500')
NW 1/4 SECTION 33 , T37N, R7E, KENDALL TOWNSHIP
GROSS LENGTH OF PROJECT = 2,329 FEET (0.441 MILES)
NET LENGTH OF PROJECT = 2,329 FEET (0.441 MILES)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2515	24-00053-00-RS	KENDALL	12	1

CONTRACT NO. 87869



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

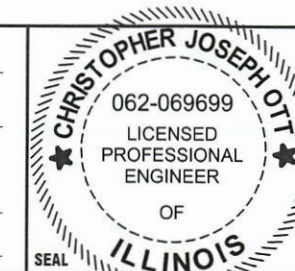
APPROVED **ERIC J. DAUSE**
EJD 8-12-24
CITY OF YORKVILLE, PUBLIC WORKS DIRECTOR

PASSED **SEPTEMBER 6, 2024**
[Signature]
DISTRICT 3 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW **SEPTEMBER 6, 2024**
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

DATE: 8/12/24
[Signature]
CHRISTOPHER J. OTT

LICENSE
EXPIRES: NOVEMBER 30, 2025
SHEETS: 1-12



GENERAL NOTES

SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

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

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

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

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

UTILITIES

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

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

THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, FIELD TILES AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND NOT NECESSARILY 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.

E. VAN EMMON STREET SHALL BE OPEN TO TRAFFIC AT ALL TIMES. WHEN IT IS NECESSARY TO CLOSE ONE LANE OF TRAFFIC DUE TO CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC DURING CONSTRUCTION HOURS WITH THE USE OF TRAFFIC CONTROL DEVICES, SIGNS AND FLAGGERS AS APPLICABLE IN THE TRAFFIC CONTROL STANDARDS.

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.

ANY AREAS ON DRIVEWAYS OUTSIDE THE LIMITS OF MAINLINE MILLING SHALL BE MILLED UTILIZING THE HOT-MIX ASPHALT SURFACE REMOVAL BUTT-JOINT ITEM. ANY AREAS ON DRIVEWAYS OUTSIDE THE LIMITS OF MAINLINE PAVING SHALL BE RESURFACED UTILIZING THE INCIDENTAL HOT-MIX ASPHALT SURFACING PAY ITEM. ANY DRIVEWAYS THAT ARE WITHIN THE LIMITS OF THE SCREED EXTENSIONS DURING MAINLINE PAVING SHALL BE PAID FOR AS A PART OF THE BINDER AND SURFACE COURSE PAY ITEMS. BITUMINOUS MATERIALS (TACK COAT) SHALL BE INSTALLED ON DRIVEWAYS AND PAID SEPARATELY AS PAY ITEM 40800029 ACCORDING TO THE STANDARD SPECIFICATIONS.

IDOT HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALK
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
604001-05	FRAME AND LIDS TYPE I
604051-04	FRAME AND GRATE TYPE II
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-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-09	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	SCHEDULE OF QUANTITIES
9-11	RESURFACING PLAN
12	SPECIAL DETAILS

SUPPLEMENTAL LEGEND

	DRIVEWAY PAVEMENT REMOVAL AND PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"
	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
	HOT-MIX PAVEMENT REMOVAL AND HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"
	HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
	COMB CONC C&G REMOVAL AND REPLACEMENT
	SIDEWALK REMOVAL AND PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT AND INCIDENTAL HOT-MIX ASPHALT SURFACING
	SHOULDER REMOVAL (SPECIAL) AND AGGREGATE SURFACE COURSE, TYPE B
	GRADING AND SHAPING DITCHES

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2515	24-00053-00-RS	KENDALL	12	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87869	

Plotted: August 26, 2024 @ 10:04 AM By: Kris Pung - Model Name: 02 Index - 22x34

FILE NAME = H:\SDSKPROJ\YO_YORKVILLE\2023\YO2336\DWG FINAL ENG\YO2336-COVER

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Plotted: August 26, 2024 @ 10:04 AM By: Kris Pung - Model Name: 03 S00 - 22x34

FILE NAME = H:\SDSKPROJ\YO_YORKVILLE\2023\YO2336 DWG FINAL ENG\YO2336-COVER

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
			ROADWAY 80% FEDERAL 20% LOCAL 0005
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1,114
21400100	GRADING AND SHAPING DITCHES	FOOT	242
25000210	SEEDING, CLASS 2A	ACRE	0.3
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	27
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	27
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	27
25100630	EROSION CONTROL BLANKET	SQ YD	1,114
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	36
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,895
40600370	LONGITUDINAL JOINT SEALANT	FOOT	2,329
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	10
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	381
40602978	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	755
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	755
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	120
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	31

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DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2515	24-00053-00-RS	KENDALL	12	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87869	

FILE: H:\SDSKPROJ\YO_YORKVILLE\2023\YO2336 DWG FINAL ENG\YO2336-COVER

Plotted: August 26, 2024 @ 10:04 AM By: Kris Pung - Model Name: 04_S00 - 22x34

FILE NAME = H:\SDSKPROJ\YO_YORKVILLE\2023\YO2335 DWG FINAL ENG\YO2335-COVER

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
			ROADWAY 80% FEDERAL 20% LOCAL 0005
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	59
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	4,595
42400800	DETECTABLE WARNINGS	SQ FT	10
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	3,800
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	264
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	333
44000600	SIDEWALK REMOVAL	SQ FT	4,595
50105220	PIPE CULVERT REMOVAL	FOOT	174
54213447	END SECTIONS 12"	EACH	6
542D0217	PIPE CULVERTS, CLASS D, TYPE 1, 12"	FOOT	65
60255500	MANHOLES TO BE ADJUSTED	EACH	7
60260100	INLETS TO BE ADJUSTED	EACH	4
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2
60404800	FRAMES AND GRATES, TYPE 11	EACH	1
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1

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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.
2515	24-00053-00-RS	KENDALL	12	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87869	

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CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
			ROADWAY 80% FEDERAL 20% LOCAL 0005
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	333
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	600
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	100
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"-PAINT	FOOT	300
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,175
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	37
X0327301	RELOCATE EXISTING MAILBOX	EACH	5
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	4,925
X4404262	SHOULDER REMOVAL (SPECIAL)	SQ YD	145
X4421002	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	660
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	5
Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	205

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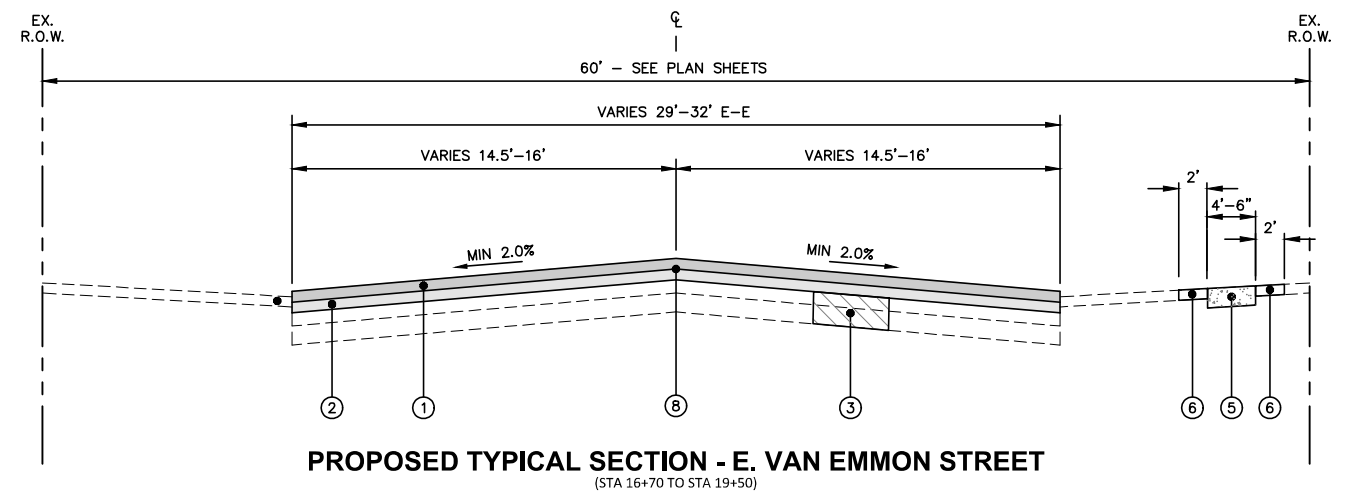
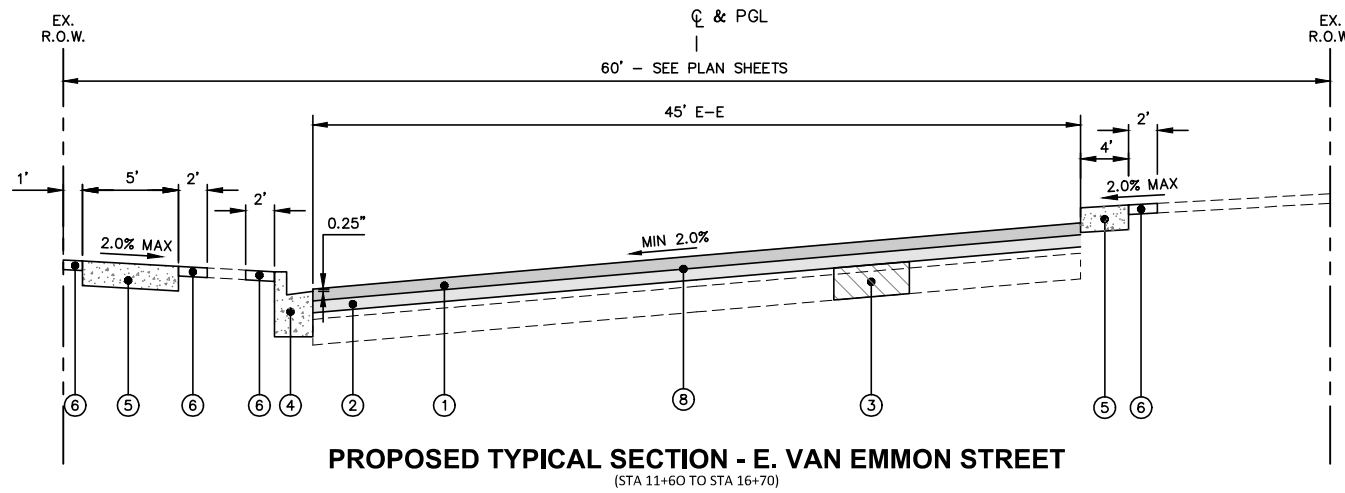
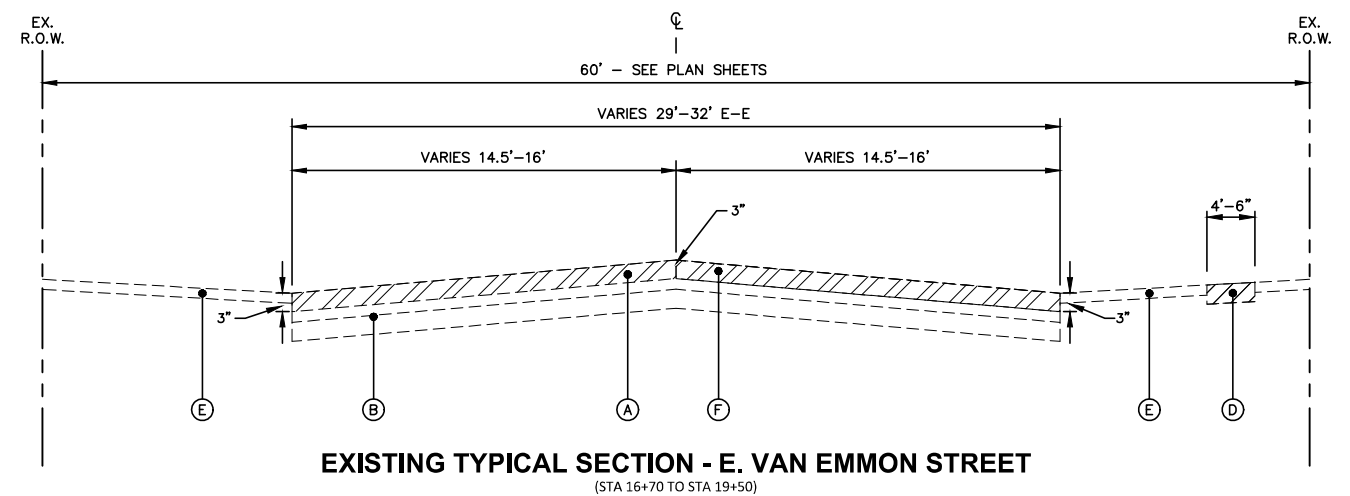
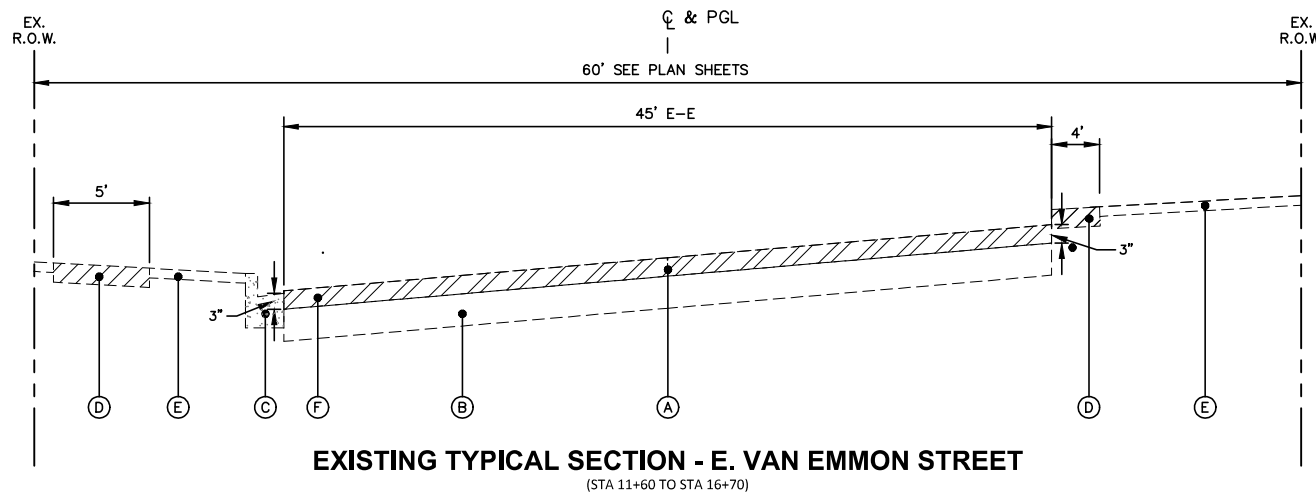
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2515	24-00053-00-RS	KENDALL	12	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87869	

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FILE NAME = H:\SDSKPROJ\YO_YORKVILLE\2023\YO2336 DWG FINAL ENG\YO2336-COVER
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 PLOT DATE =



HOT-MIX ASPHALT MIXTURE REQUIREMENTS

EXISTING LEGEND	
(A)	EXISTING HOT-MIX ASPHALT PAVEMENT (4.5" - 13")
(B)	EXISTING AGGREGATE BASE COURSE (9" - 17.5")
(C)	EXISTING COMBINATION CONCRETE CURB & GUTTER, B6.12
(D)	EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
(E)	EXISTING PARKWAY
(F)	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
(G)	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
(H)	EXISTING AGGREGATE SHOULDER
(I)	SHOULDER REMOVAL (SPECIAL)

OPERATION	MIXTURE TYPE	AIR VOIDS @ NDES	QMP	DENSITY TEST METHOD
PAVEMENT RESURFACING	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5" HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5"	4% @ 50 GYR. 4% @ 50 GYR.	LR1030-2 LR1030-2	NUCLEAR
PARTIAL DEPTH PATCHING	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 5"	4% @ 50 GYR.	LR1030-2	SATISFACTION OF ENGINEER
INCIDENTAL HOT-MIX ASPHALT SURFACING	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 GYR.	LR1030-2	SATISFACTION OF ENGINEER
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D" N50,3"	4% @ 50 GYR.	LR1030-2	SATISFACTION OF ENGINEER

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 70-28" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22". UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

PROPOSED LEGEND	
(1)	POLYMERIZED 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)	PARTIAL DEPTH PATCHING (SPECIAL) (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, 6" (SPOT LOCATIONS AS DIRECTED BY ENGINEER)
(6)	TOPSOIL, SEEDING, AND EROSION CONTROL BLANKET
(7)	AGGREGATE SURFACE COURSE, TYPE B
(8)	LONGITUDINAL JOINT SEALANT

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.

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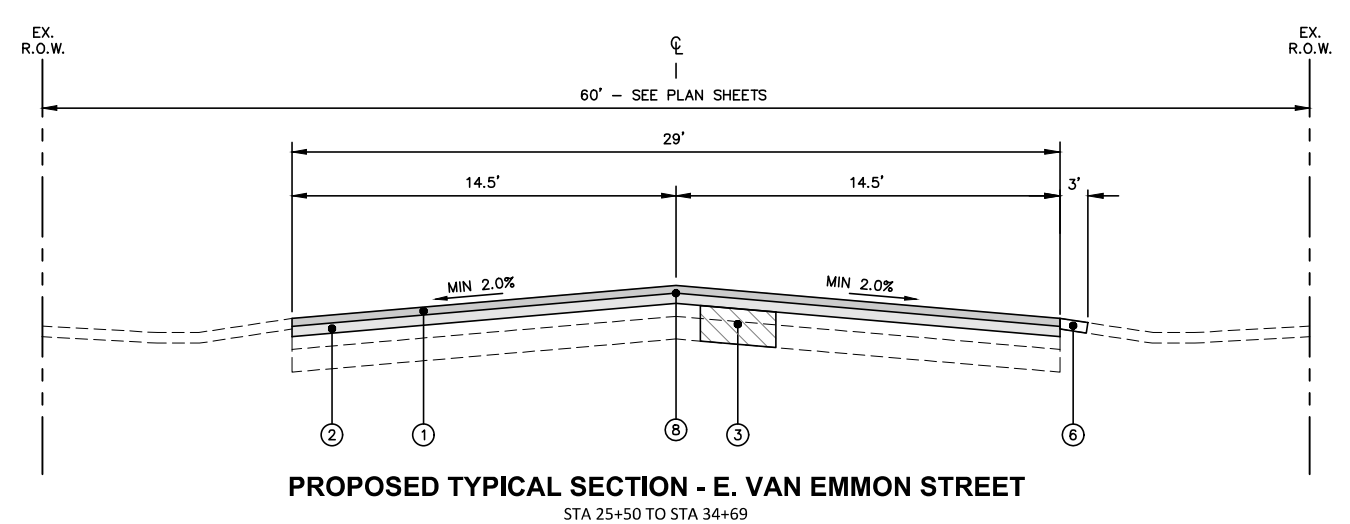
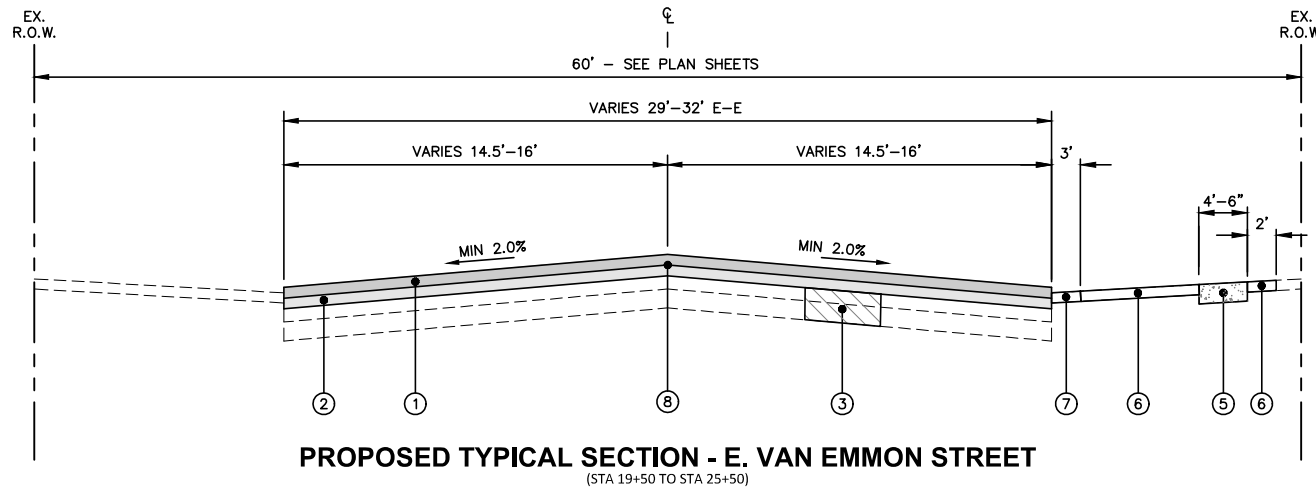
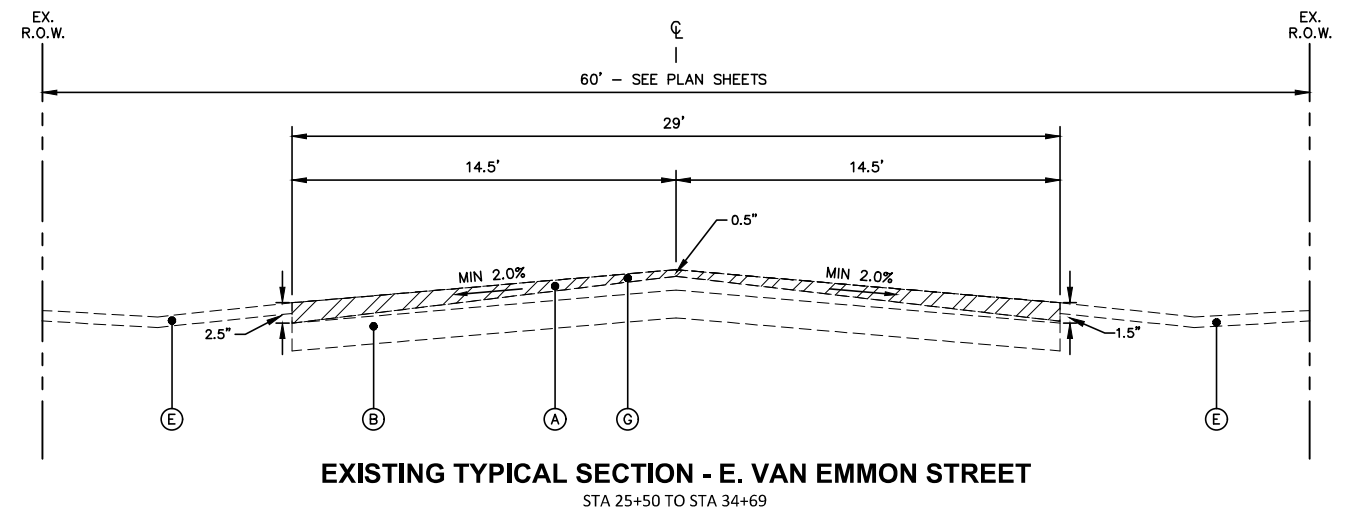
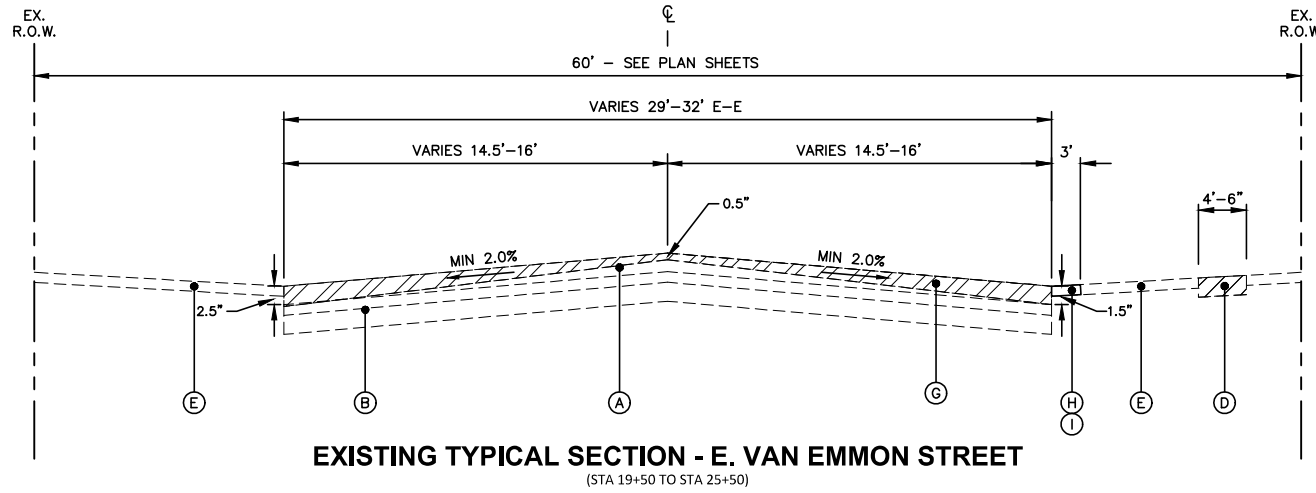
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2515	24-00053-00-R5	KENDALL	12	6
				CONTRACT NO. 87869
ILLINOIS FED. AID PROJECT				

Plotted: August 26, 2024 @ 10:04 AM By: Kris Pung - Model Name: 07 TypSection - 22x34
 FILE NAME = H:\SDSKPROJ\YO_YORKVILLE\2023\YO2336 DWG FINAL ENG\YO2336-COVER



EXISTING LEGEND	
(A)	EXISTING HOT-MIX ASPHALT PAVEMENT (4.5" - 13")
(B)	EXISTING AGGREGATE BASE COURSE (9" - 17.5")
(C)	EXISTING COMBINATION CONCRETE CURB & GUTTER, B6.12
(D)	EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
(E)	EXISTING PARKWAY
(F)	HOT-MIX ASPHALT SURFACE REMOVAL, 3"
(G)	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
(H)	EXISTING AGGREGATE SHOULDER
(I)	SHOULDER REMOVAL (SPECIAL)

PROPOSED LEGEND	
(1)	POLYMERIZED 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)	PARTIAL DEPTH PATCHING (SPECIAL) (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, 6" (SPOT LOCATIONS AS DIRECTED BY ENGINEER)
(6)	TOPSOIL, SEEDING, AND EROSION CONTROL BLANKET
(7)	AGGREGATE SURFACE COURSE, TYPE B
(8)	LONGITUDINAL JOINT SEALANT

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.



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PLOT DATE =	DATE -	REVISION -

**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.
2515	24-00053-00-R5	KENDALL	12	7
CONTRACT NO. 87869			ILLINOIS FED. AID PROJECT	

Roadway Quantities												
		X4401198 HMA SURF REM VAR DP	44000161 HMA SURF REM 3	40600982 HMA SURF REM BUTT JT	44000500 COMB CURB GUTTER REM	60603800 COMB CC&G TB6.12	X4404262 SHLDR REM SPL	40200800 AGG SURF CSE B	40602978 HMA BC IL- 9.5 N50	40604160 P HMA SC IL-9.5 D N50	40600037 LONG JOINT SEALANT	40600290 BIT MATLS TACK CT
STATION	STATION	SQ YD	SQ YD	SQ YD	FOOT	FOOT	SQ YD	TON	TON	TON	FOOT	POUND
11+60	20+00	0	3800	91	333	333	10	3	330	330	840	2565
20+00	30+00	3315	0	0	0	0	135	33	285	285	1000	2240
30+00	34+89	1610	0	29	0	0	0	0	140	140	489	1090
Total:		4925	3800	120	333	333	145	36	755	755	2329	5895

Underground Schedule											
Station	O/S	60255500	60260100	60266600	60404800	60406100	X6026050	50105220	542D0217	54213447	
		MAN ADJUST	INLETS ADJUST	VALVE BOX ADJ	FR & GRATES T11	FR & LIDS T1 CL	SANITARY MANHOLE ADJ	PIPE CULVERT REMOV	P CUL CL D 1 12	END SECTIONS 12	
		EACH	EACH	EACH	EACH	EACH	EACH	FOOT	FOOT	EACH	
11+68	6' RT	1	0	0	0	0	0	0	0	0	0
11+68	17' RT	1	0	0	0	0	0	0	0	0	0
11+96	8' LT	0	0	0	0	0	1	0	0	0	0
12+15	18' LT	0	1	0	1	0	0	0	0	0	0
12+71	18' LT	0	1	0	0	0	0	0	0	0	0
13+06	26' RT	0	0	0	0	0	1	0	0	0	0
14+48	18' LT	0	1	0	0	0	0	0	0	0	0
14+52	18' LT	0	1	0	0	0	0	0	0	0	0
16+32	13' RT	0	0	1	0	0	0	0	0	0	0
16+36	6' RT	1	0	0	0	0	0	0	0	0	0
16+53	7' RT	0	0	1	0	0	0	0	0	0	0
19+36	17' LT	0	0	0	0	1	1	0	0	0	0
19+40	31' LT	1	0	0	0	0	0	0	0	0	0
19+44	37' LT	1	0	0	0	0	0	0	0	0	0
19+90	7' RT	1	0	0	0	0	0	0	0	0	0
20+55	20' RT	0	0	0	0	0	0	25	25	2	2
21+85	20' RT	0	0	0	0	0	0	20	20	2	2
22+20	20' RT	0	0	0	0	0	0	20	20	2	2
23+15	20' RT	0	0	0	0	0	0	32	0	0	0
23+35	14' LT	0	0	0	0	0	1	0	0	0	0
24+30	20' RT	0	0	0	0	0	0	22	0	0	0
24+90	20' RT	0	0	0	0	0	0	55	0	0	0
27+35	6' LT	0	0	0	0	0	1	0	0	0	0
33+90	6' RT	1	0	0	0	0	0	0	0	0	0
Total:		7	4	2	1	1	5	174	65	6	6

Driveway Pavement and Sidewalk										
Station	O/S	40600982	44000200	40800029	40800050	Z0004510	42300200	44000600	42400300	42400800
		HMA SURF REM BUTT JT	DRIVE PAVEMENT REM	BIT MATLS TACK CT	INCIDENTAL HMA SURF	HMA DRIVEWAY PAVT 3	PCC DRIVEWAY PAVT 6	SIDEWALK REM	PC CONC SIDEWALK 6	DETECTABLE WARNINGS
		SQ YD	SQ YD	POUND	TON	SQ YD	SQ YD	SQ FT	SQ FT	SQ FT
11+75	35' RT	0	0	0	0	0	0	360	360	0
11+83	20' LT	0	0	0	0	0	0	40	40	0
12+20	32' RT	0	0	0	0	0	0	245	245	0
12+50	30' RT	0	24	0	0	0	24	0	0	0
12+75	30' RT	0	0	0	0	0	0	650	650	0
13+00	20' LT	0	20	0	0	8	12	0	0	0
13+55	30' RT	0	0	0	0	0	0	80	80	0
13+75	20' LT	0	14	0	0	0	14	0	0	0
14+10	25' LT	0	0	0	0	0	0	2225	2225	0
14+25	25' LT	0	4	0	0	0	4	0	0	0
14+80	20' LT	0	5	0	0	0	5	0	0	0
15+10	30' RT	0	0	0	0	0	0	80	80	0
15+50	30' RT	0	0	0	0	0	0	80	80	0
16+75	30' RT	0	0	0	0	0	0	35	35	0
17+95	30' RT	0	0	0	0	0	0	70	70	0
19+62	30' LT	0	0	0	0	0	0	75	75	10
20+20	25' LT	20	0	9	2.5	0	0	380	380	0
20+50	20' RT	0	28	0	0	28	0	0	0	0
21+30	20' LT	13	0	6	1.5	0	0	0	0	0
21+90	20' RT	0	24	0	0	24	0	0	0	0
22+20	20' RT	0	25	0	0	25	0	0	0	0
22+30	20' LT	20	0	9	2.5	0	0	0	0	0
23+00	20' LT	14	0	7	1.5	0	0	0	0	0
23+10	20' RT	0	35	0	0	35	0	150	150	0
23+60	28' RT	0	0	0	0	0	0	25	25	0
24+00	20' LT	36	0	16	4	0	0	0	0	0
24+10	28' RT	0	0	0	0	0	0	25	25	0
24+30	20' RT	0	30	0	0	30	0	75	75	0
24+75	20' RT	0	25	0	0	25	0	0	0	0
25+10	20' RT	0	30	0	0	30	0	0	0	0
26+00	20' LT	33	0	15	4	0	0	0	0	0
27+20	20' LT	12	0	6	1.5	0	0	0	0	0
29+80	20' RT	55	0	25	6	0	0	0	0	0
30+70	20' LT	39	0	18	5	0	0	0	0	0
32+15	20' LT	8	0	4	1	0	0	0	0	0
33+50	20' LT	11	0	5	1.5	0	0	0	0	0
Total:		261	264	120	31	205	59	4595	4595	10

Pavement Markings Schedule			
Station	Station	78000200	78000650
		THPL PVT MK LINE 4	THPL PVT MK LINE 24
		FOOT	FOOT
11+60	20+00	1659	37
20+00	30+00	2250	0
30+00	34+89	1266	0
Total:		5175	37

Plotted: August 26, 2024 @ 10:04 AM By: Kris Pung - Model Name: 08 Schedule

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CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60054
630-466-6700 / www.eelweb.com

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PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

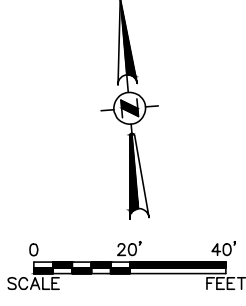
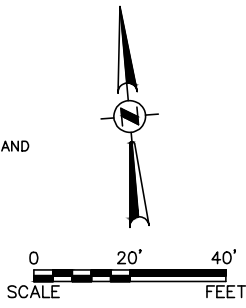
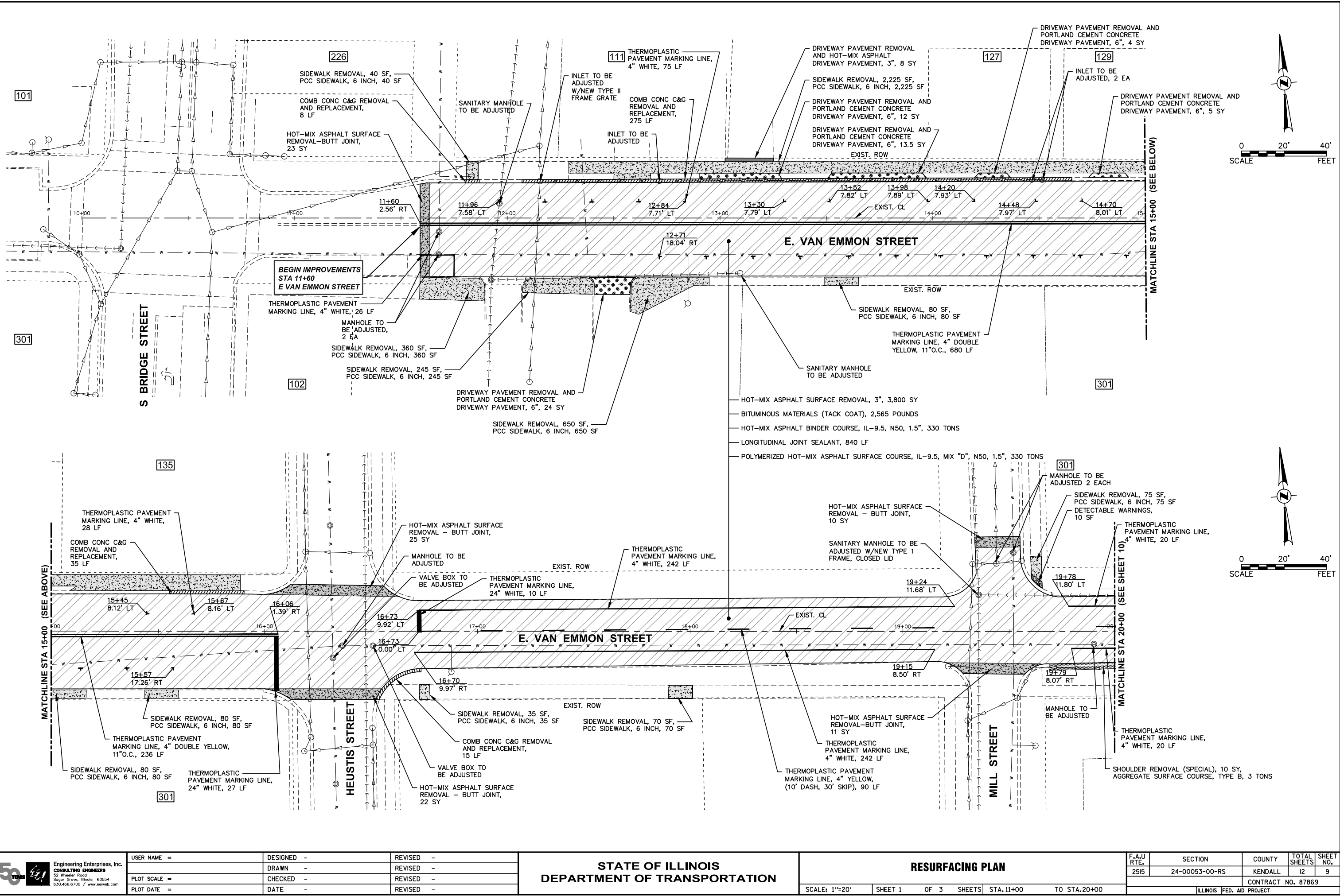
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2515	24-00053-00-R5	KENDALL I2	8	8
CONTRACT NO. 87869				
ILLINOIS FED. AID PROJECT				

Path: H:\SDSKPROJ\YO_YORKVILLE\2023\YO2336 DWG FINAL ENG\YO2336-COVER

Plotted: August 26, 2024 @ 10:05 AM By: Kris Pung - Model Name: 09 E Van Emmon

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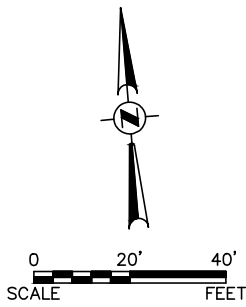
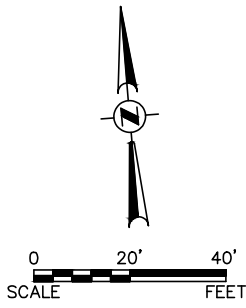
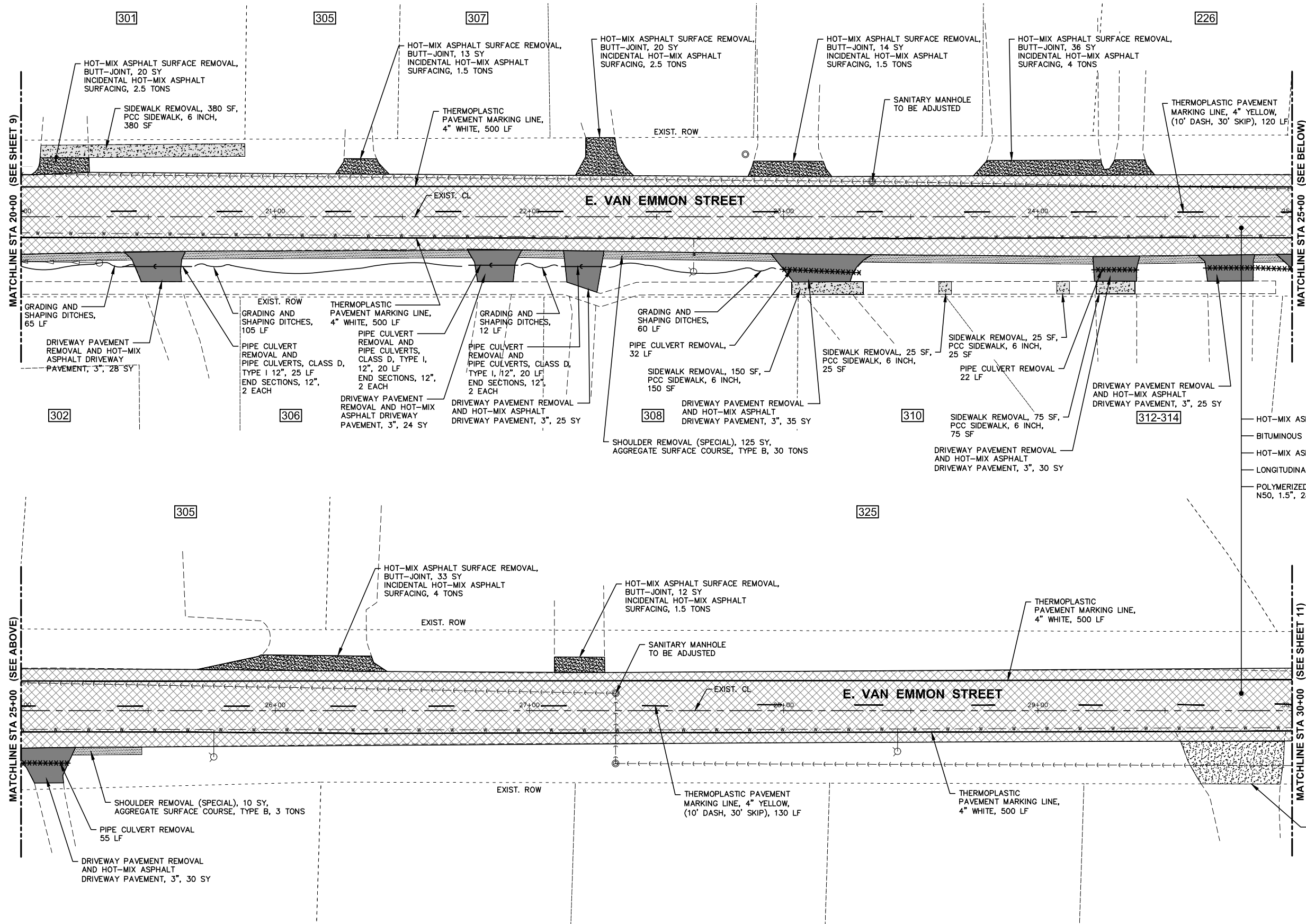
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PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN			
SCALE: 1"=20'	SHEET 1	OF 3 SHEETS	STA. 11+00 TO STA. 20+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2515	24-00053-00-R5	KENDALL	12	9
CONTRACT NO. 87869				
ILLINOIS FED. AID PROJECT				



FILE NAME = H:\SDSKPROJ\YO_YORKVILLE\2023\YO23336.DWG FINAL ENG\YO23336-PLAN
 Plotted: August 26, 2024 @ 10:05 AM By: Kris Pung - Model Name: 10 E. Van Emmon

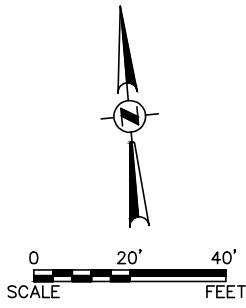
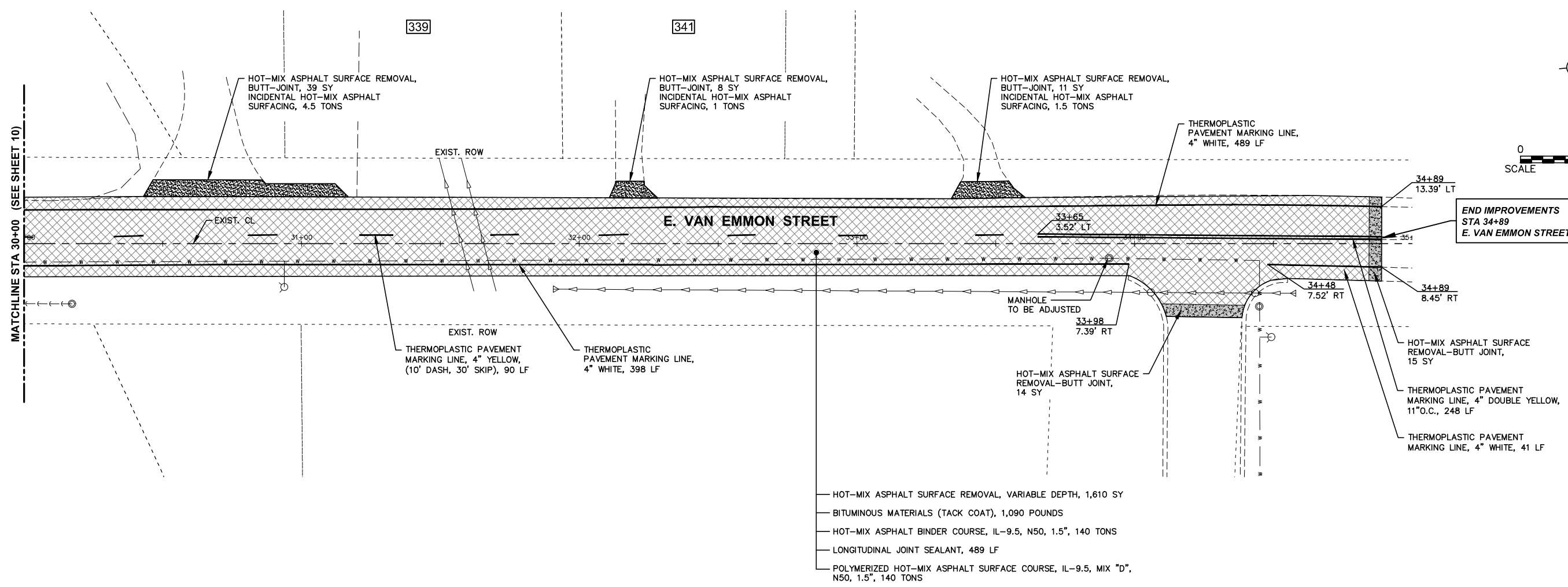


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DRAWN -	REVISIONS -	
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RESURFACING PLAN	
SCALE: 1"=20'	SHEET 2 OF 3 SHEETS
STA. 20+00	TO STA. 30+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2515	24-00053-00-R5	KENDALL	12	10
CONTRACT NO. 87869				
ILLINOIS FED. AID PROJECT				



- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, 1,610 SY
- BITUMINOUS MATERIALS (TACK COAT), 1,090 POUNDS
- HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5", 140 TONS
- LONGITUDINAL JOINT SEALANT, 489 LF
- POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5", 140 TONS

FILE NAME = H:\SDSKPROJ\YO_YORKVILLE\2023\YO2336 DWG FINAL ENG\YO2336-PLAN
 Plotted: August 26, 2024 @ 10:05 AM By: Kris Pung - Model Name: 11 E. Van Emmon

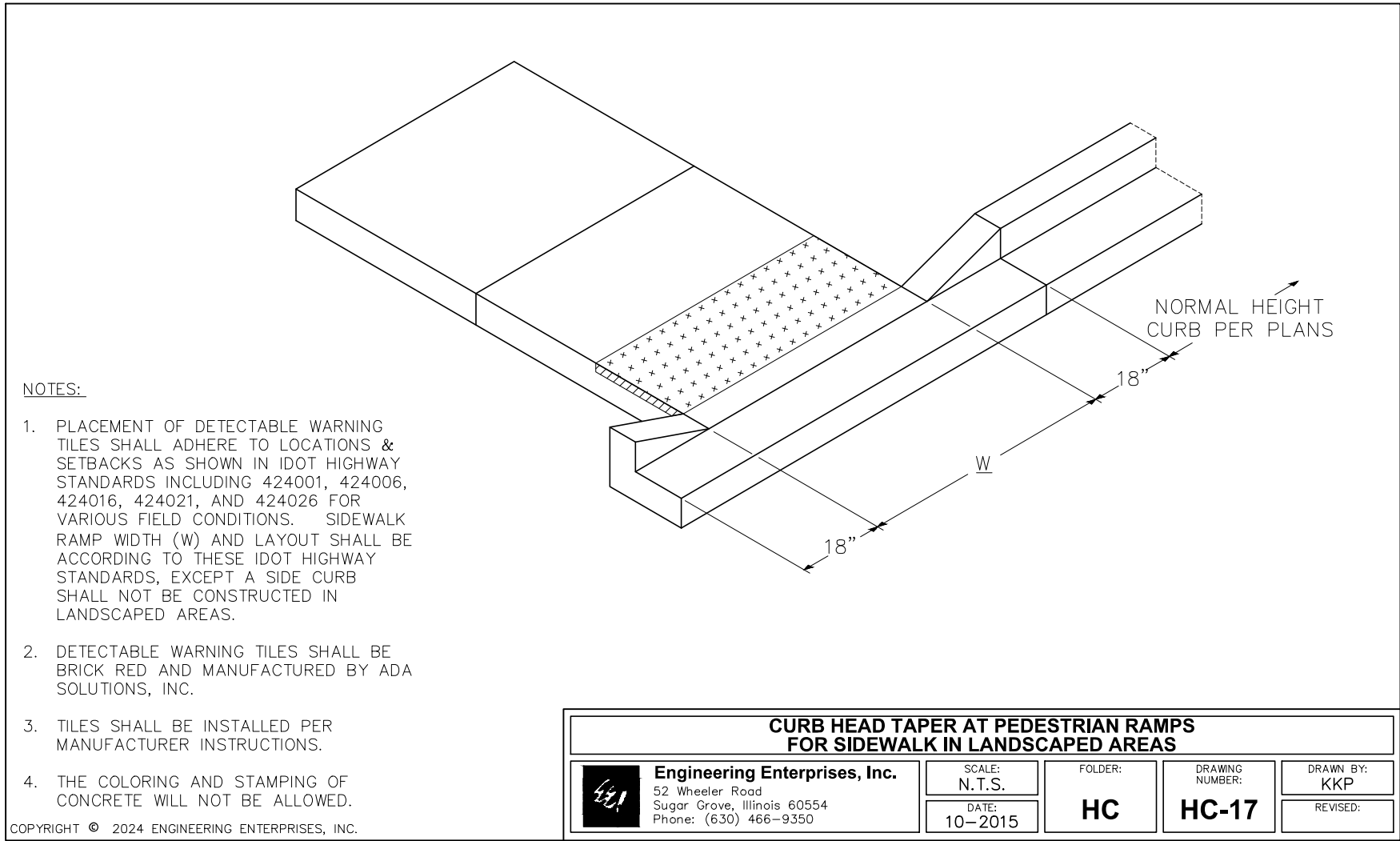


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PLOT SCALE =	DATE -	REVISED -
PLOT DATE =		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING PLAN	
SCALE: 1"=20'	SHEET 3 OF 3 SHEETS
STA. 30+00	TO STA. 34+89

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2515	24-00053-00-R5	KENDALL	12	11
CONTRACT NO. 87869				
ILLINOIS FED. AID PROJECT				



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.

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CURB HEAD TAPER AT PEDESTRIAN RAMPS FOR SIDEWALK IN LANDSCAPED AREAS				
	Engineering Enterprises, Inc.	SCALE: N.T.S.	FOLDER: HC	DRAWING NUMBER: HC-17
	52 Wheeler Road Sugar Grove, Illinois 60554 Phone: (630) 466-9350	DATE: 10-2015		DRAWN BY: KKP
				REVISED:

	Engineering Enterprises, Inc. CONSULTING ENGINEERS	USER NAME =	DESIGNED -	REVISED -
	52 Wheeler Road Sugar Grove, Illinois 60554 630-466-9350 / www.eeiweb.com	DRAWN -	CHECKED -	REVISED -
	PLOT SCALE =	DATE -	REVISED -	
	PLOT DATE =	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SPECIAL DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2515	24-00053-00-R5	KENDALL	12	12
			CONTRACT NO. 87869	
ILLINOIS FED. AID PROJECT				