

DESIGN DESIGNATION

FAP ROUTE 586/586A (ILLINOIS ROUTE 162) – OTHER PRINCIPAL ARTERIAL (NOT DESIGNATED TRUCK ROUTE)

FAP ROUTE 592 (ILLINOIS ROUTE 157) – OTHER PRINCIPAL ARTERIAL (NOT DESIGNATED TRUCK ROUTE)

TRAFFIC DATA

FAP 586 (IL 162) – WEST LEG

2021 ADT = 5,650 (ACTUAL)
2024 ADT = 5,900 (ESTIMATED)
2044 ADT = 7,400 (ESTIMATED)
SU = 4.0% MU = 1.6%

FAP 586A (IL 162) – EAST LEG

2021 ADT = 6,800 (ACTUAL)
2024 ADT = 7,000 (ESTIMATED)
2044 ADT = 8,900 (ESTIMATED)
SU = 3.3% MU = 1.0%

FAP 592 (IL 157) – NORTH LEG

2021 ADT = 11,100 (ACTUAL)
2024 ADT = 11,500 (ESTIMATED)
2044 ADT = 14,600 (ESTIMATED)
SU = 4.5% MU = 2.5%

FAP 592 (IL 157) – SOUTH LEG

2021 ADT = 5,750 (ACTUAL)
2024 ADT = 6,000 (ESTIMATED)
2044 ADT = 7,600 (ESTIMATED)
SU = 3.9% MU = 3.3%

FAP 586/586A/592 (IL 162/157) – BETWEEN STRUCTURES

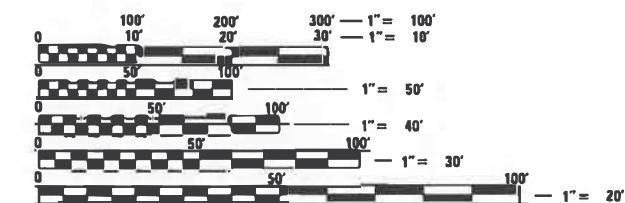
2021 ADT = 10,100 (ACTUAL)
2024 ADT = 10,500 (ESTIMATED)
2044 ADT = 13,300 (ESTIMATED)
SU = 3.7% MU = 2.6%

FOR INDEX OF SHEETS, SEE SHEET NO. 2

SN 060-0229
3 SPAN WIDE FLANGE STEEL BEAM
STRUCTURE SUPPORTED ON PILE
BENT ABUTMENT AND PIERS
STA 584+70.00 FAP 592 (IL ROUTE 157)
LAT: 38.7409
LONG: 90.0019

SN 060-0241
3 SPAN WIDE FLANGE STEEL BEAM
STRUCTURE SUPPORTED ON PILE
BENT ABUTMENT AND PIERS
STA 14+18.67 FAP 586 (IL ROUTE 162)
LAT: 38.7405
LONG: 90.0037

SN 060-7003
SINGLE SPAN PEDESTRIAN SUPERSTRUCTURE
SUPPORTED STUB ABUTMENTS
STA 11+32.47 SHARED USE PATH
LAT: 38.7409
LONG: 90.0020



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.

J.U.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: CHERYL KEPLAR
PROJECT MANAGER: TONI MANN

CONTRACT NO. 76A46

Brian D. Schmidt 6/27/2024
Date

License Expires 11/30/2025
THE SEAL SHOWN ABOVE IS VALID FOR THE
FOLLOWING SHEETS IN THESE PLANS WHICH
WERE PREPARED UNDER MY DIRECT SUPERVISION:

SHEETS 1-18, 37-41, 47-61
SHEETS 72-94, 234-294



License Expires 11/30/2025
THE SEAL SHOWN ABOVE IS VALID FOR THE
FOLLOWING SHEETS IN THESE PLANS WHICH
WERE PREPARED UNDER MY DIRECT SUPERVISION:

SHEETS 19-36, 42-46, 62-71
SHEETS 108-141, 233

6/27/2024
Date

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAP ROUTE 586 / 586A / 592 (IL 162 / IL 157)

SECTION: 51-1 R

PROJECT: NHPP-STP-HSIP-6ATA(489)

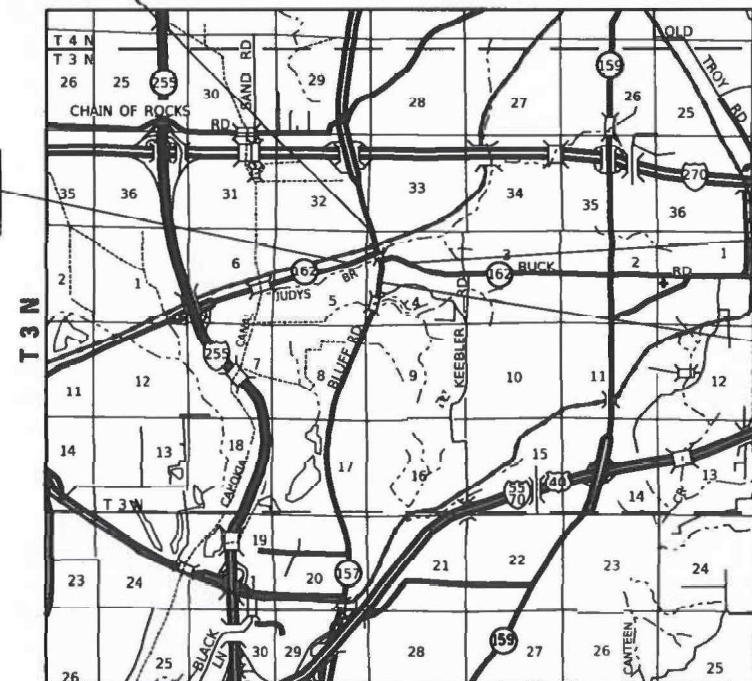
INTERSECTION IMPROVEMENT WITH

SIGNALS & BRIDGE REPLACEMENT

MADISON COUNTY

C-98-283-18

R 8 W



LOCATION MAP

VILLAGE OF GLEN CARBON
COLLINSVILLE TOWNSHIP

GRAPHIC SCALE IN MILES

FUHRMANN
ENGINEERING
WWW.FUHRMANN-ENG.COM

PLANS PREPARED BY

1022 Eastport Plaza Drive
Collinsville, Illinois 62234
Phone: (618) 855-8000
Illinois Professional Design Firm
No. 184-003252
License Expires 4/30/2025

LOCHMUELLER
GROUP
WWW.LOCHGROUP.COM

103 West Vandalia St, Suite 100
Edwardsville, Illinois 62025
Phone: (618) 667-1400
Illinois Professional Design Firm
No. 184-001670
License Expires 4/30/2025

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1 R	MADISON	296	1
		ILLINOIS	CONTRACT NO. 76A46	

* 586/586A/592

01-16-2026 LETTING ITEM 125

D-98-009-04



LOCATION OF SECTION INDICATED THUS: —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *Aug 16 2024*
KC AB REGIONAL ENGINEER
June 27 2025
Seal ENGINEER OF DESIGN AND ENVIRONMENT
June 27 2025
4/20/25 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

REV - MS

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HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420406	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-04	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
602301-04	INLET, TYPE A
602306-03	INLET, TYPE B
602401-07	PRECAST MANHOLE, TYPE A, 4' (1.22 M) DIAMETER
602416-09	PRECAST MANHOLE, TYPE A, 8' (2.44 M) DIAMETER
604001-05	FRAME AND LIDS, TYPE 1
604006-05	FRAME AND GRATE, TYPE 3
604011-05	FRAME AND GRATE, TYPE 3V
604036-03	GRATE, TYPE 8
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-04	OUTLETS FOR CONCRETE CURB AND GUTTER, TYPE B-6.24 (B-15.60)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-13	STEEL PLATE BEAM GUARDRAIL
630106-02	LONG-SPAN GUARDRAIL OVER CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-06	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
666001-01	RIGHT-OF-WAY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001-01	CURB REFLECTORS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877011-10	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-07	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

HIGHWAY STANDARDS, CONT.

420001-11	PAVEMENT JOINTS
602701-02	MANHOLE STEPS
606201-04	TYPE B GUTTER (INLET, OUTLET, AND ENTRANCE)

GENERAL NOTES

1.	UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:		
		ABOVE GROUND	BELOW GROUND
	UTILITY		
	AMEREN	X	X
	AT&T	X	X
	CHARTER COMMUNICATIONS	X	X
	CONSOLIDATED COMMUNICATIONS	X	X
	EVERSTREAM GLC	X	X
	VILLAGE OF GLEN CARBON		X
	ILLINOIS AMERICAN WATER		X
	VILLAGE OF MARYVILLE		X
	SOUTHWESTERN ELECTRIC COOP	X	
	WINDSTREAM KDL	X	X
	ZAYO GROUP LLC	X	X

2. THE USE OF VIBRATORY ROLLERS WILL NOT BE PERMITTED FOR THIS PROJECT. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE BITUMINOUS PAVEMENTS AS SPECIFIED IN SECTIONS 406 & 407 OF THE STANDARD SPECIFICATIONS

3. IF THE CONTRACTOR, FOR HIS CONSTRUCTION ACTIVITY, REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT DESIGNATED ON THE PLANS FOR REMOVAL, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE; IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TREES WILL BE REPLACED WITH A 1 GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

4. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING, INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES, AND/OR ELECTRICAL CABLES ASSOCIATED WITH TRAFFIC SIGNALS WITHIN THE PROJECT LIMITS. IF ANY OF THESE EXIST WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

5. TEN (10) CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED THREE (3) WEEKS PRIOR TO PROJECT COMMENCEMENT AND REMAIN UP FOR THREE (3) WEEKS AFTER COMMENCEMENT. THE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ALONG I-55/70, I-270, I-255, IL ROUTE 162, AND IL ROUTE 157 OR AT THE DIRECTION OF THE ENGINEER.

6. THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES.

7. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB -CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

8. ALL ELEVATIONS REFER TO THE USGS MEAN SEA LEVEL DATUM.

9. FACTORS FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

AGGREGATE (SURFACE, BASE, & BACKFILL)	2.0 TON/CU YD
BITUMINOUS MATERIALS:	
PRIME COAT FOR BITUMINOUS CONCRETE:	
-ON PAVEMENT	0.0002 TON/SQ YD
-ON AGGREGATE	0.002 TON/SQ YD
-ON COLD MILLED SURFACE	0.0004 TON/SQ YD
-FOG COAT ON NEW BINDER	0.00012 TON/SQ YD
AGGREGATE (PRIME COAT)	
-ON EXISTING PAVEMENT	0.002 TON/SQ YD
-ON COLD MILLED SURFACE	0.002 TON/SQ YD
-FOG COAT ON NEW BINDER	0.001 TON/SQ YD
RIP RAP	1.5 TON/CU YD
CRACK ROUTING	0.4 LBS/FT

10. ALL REMOVED GUARDRAIL COMPONENTS ARE THE PROPERTY OF THE CONTRACTOR AND THE SALVAGE VALUE OF SAID COMPONENTS SHALL BE REFLECTED IN THE CONTRACTOR'S BID.

11. THE CONTRACTOR SHALL BE AWARE THAT THE FOLLOWING PROJECT(S) WITHIN OR ADJACENT TO THE LIMITS OF THIS CONTRACT SECTION MAY BE UNDER CONSTRUCTION AND CONSTRUCTION ACTIVITIES MAY NEED TO BE COORDINATED WITH THE FOLLOWING PROJECT(S) DURING CONSTRUCTION OF THIS PROJECT:
CONTRACT NO: 97708, FAP ROUTE 586 (IL ROUTE 162) / FAU ROUTE 9135 (KEEBLER ROAD), SECTION 16-00015-02-PV, MARYVILLE, MADISON COUNTY

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS, INDEX OF SHEETS,
AND GENERAL NOTES

SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	2
		CONTRACT NO. 76A46		
		ILLINOIS FED. AID PROJECT		

* 586/592

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MIXTURE REQUIREMENTS							
				TURN LANES <500 FEET		SHOULDER < 8 FEET WIDE	
MIXTURE USE	SURFACE	BINDER	INCIDENTAL	SURFACE	BINDER	SHOULDER (LOWER)	SHOULDER (SURFACE)
AC / PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0 % @ Ndes=70	4.0 % @ Ndes=70	4.0 % @ Ndes=70	4.0 % @ Ndes=70	4.0 % @ Ndes=70	4.0 % @ Ndes=30	4.0 % @ Ndes=30
MIX COMPOSITION (GRADATION)	IL 9.5	IL 19.0	IL 9.5	IL 9.5	IL 19.0	IL 19.0L	IL 9.5L
FRICTION AGG	MIXIURE "D"	MIXIURE "B"	MIXTURE "D"	MIXIURE "D"	MIXTURE "B"		MIXIURE "B"
QUALITY MANAGEMENT PROGRAM	QCP	QCP	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
MATERIAL TRANSFER DEVICE REQUIRED?	YES	YES	NO	NO	NO	NO	NO

COMMITMENTS

1. IN ACCORDANCE WITH PERMIT NUMBER DS2023056 FOR CONSTRUCTION IN FLOODWAYS OF RIVERS, LAKES, AND STREAMS, THE HYDRAULIC MODELING REQUIRES CHANNEL MODIFICATIONS TO BE COMPLETED PRIOR TO THE CONSTRUCTION OF THE EMBANKMENT FOR RELOCATED IL 162. THE CONTRACTOR SHALL ASSUME ASSOCIATED RISK AND BE RESPONSIBLE FOR ANY SUPPLEMENTAL MODELING OR PERMITTING NECESSARY TO ALLOW FOR CONSTRUCTION SEQUENCING THAT DOES NOT COMPLY WITH MODELED OR PERMITTED CONDITIONS.
2. TREES 3" OR GREATER IN DIAMETER OR BREAST HEIGHT WILL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30.
3. THE VILLAGE OF GLEN CARBON WILL REMOVE THE SIGN LOCATED AT STA. 580+95 (IL ROUTE 157) PRIOR TO THE START OF CONSTRUCTION. IF NOT, PLEASE CONTACT TAMMY HANFELDER, STREET SUPERINTENDENT AT P.O. BOX 757, GLEN CARBON, IL 62034 OR (618) 288-2662.

PERTINENT INFORMATION

1. THE CONTRACTOR WILL CONDUCT ALL CONSTRUCTION ACIVITIES IN SUCH A MANNER AS TO AVOID IMPACTING AMEREN'S MAINS WITH THEIR CONSTRUCTION. ANY DAMAGES INCURRED TO AMEREN'S MAINS WILL BE PAID FOR AT THE CONTRACTOR'S EXPENSE AND THERE WILL BE NO ADDITIONAL COMPENSATION FROM THE DEPARTMENT. PLEASE SEE PLAN SHEET 52 OF TOTAL SHEETS 296 FOR THE AS-BUILT PLANS REFLECTING THE AMEREN INSTALLATION.
2. THE EXISTING USGS GAGE STATION LOCATED AT JUDY'S BRANCH IS TO BE REMOVED BY OTHERS PRIOR TO THE COMMENCEMENT OF THIS PROJECT. IF THE STATION HAS NOT BEEN REMOVED, PLEASE CONTACT TRENT LEGG AT (618) 237-2939 OR TALEGG@USGS.GOV.

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SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
CODE NO	ITEM	UNIT	TOTAL	FAP 592 (IL 157)		FAP 586 (IL 162)		FAP 586A (IL 162)	SHARED-USE PATH	
				URBAN		URBAN		URBAN	URBAN	
				ROADWAY	STRUCTURE	ROADWAY	STRUCTURE	ROADWAY	SHARED-USE PATH	STRUCTURE
				0004	0010	0004	0008	0004	0021	0008
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	21	21						
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	191	147				44		
20100500	TREE REMOVAL, ACRES	ACRE	0.43	0.27		0.16				
20200100	EARTH EXCAVATION	CU YD	23025	16340		1070		5600	15	
20300100	CHANNEL EXCAVATION	CU YD	11270			11270				
20400800	FURNISHED EXCAVATION	CU YD	2000			2000				
25000210	SEEDING, CLASS 2A	ACRE	5.75	2.25		2.75		0.75		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	523	207		255		61		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	523	207		255		61		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	523	207		255		61		
25100115	MULCH, METHOD 2	ACRE	5.75	2.25		2.75		0.75		
28000305	TEMPORARY DITCH CHECKS	FOOT	1050	599		109		342		
28000400	PERIMETER EROSION BARRIER	FOOT	1942	780		1007		155		
28000500	INLET AND PIPE PROTECTION	EACH	9	7				2		

* SPECIALTY ITEM

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SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
CODE NO	ITEM	UNIT	TOTAL	FAP 592 (IL 157)		FAP 586 (IL 162)		FAP 586A (IL 162)	SHARED-USE PATH	
				URBAN		URBAN		URBAN	URBAN	
				ROADWAY	STRUCTURE	ROADWAY	STRUCTURE	ROADWAY	SHARED-USE PATH	STRUCTURE
				0004	0010	0004	0008	0004	0021	0008
28000510	INLET FILTERS	EACH	24	16		1		7		
28100111	STONE RIPRAP, CLASS A6	SQ YD	5635		1635	1598	1223	647		532
28200200	FILTER FABRIC	SQ YD	5719		1688	1598	1223	647		563
30300124	AGGREGATE SUBGRADE IMPROVEMENT 24"	SQ YD	22545	11014		5902		5629		
31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	3240	1513		799		928		
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	726						726	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	270.80	172.00		43.00		55.80		
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	70547	34464		36083				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	21456	10425		5537		5494		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	32844	17826		14352		666		
40701901	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"	SQ YD	17168	8327		4386		4455		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	226	127		43		56		
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	406	151		255				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	278	278						

* SPECIALTY ITEM

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SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
				FAP 592 (IL 157) URBAN		FAP 586 (IL 162) URBAN		FAP 586A (IL 162) URBAN	SHARED-USE PATH URBAN	
				ROADWAY 0004	STRUCTURE 0010	ROADWAY 0004	STRUCTURE 0008	ROADWAY 0004	SHARED-USE PATH 0021	STRUCTURE 0008
CODE NO	ITEM	UNIT	TOTAL							
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	5934						5934	
42400800	DETECTABLE WARNINGS	SQ FT	190			60		24	106	
44000100	PAVEMENT REMOVAL	SQ YD	13496	7261		4083		2152		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	291	268				23		
44000400	GUTTER REMOVAL	FOOT	530	447		83				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	117	117						
44003100	MEDIAN REMOVAL	SQ FT	1253			1253				
44004250	PAVED SHOULDER REMOVAL	SQ YD	1035	764				271		
48101550	AGGREGATE SHOULDERS, TYPE B 7"	SQ YD	1462	582		609		271		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	3240	1513		799		928		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1					
50200100	STRUCTURE EXCAVATION	CU YD	888		405		441			42
50200300	COFFERDAM EXCAVATION	CU YD	1764		844		920			
50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1		1					
* SPECIALTY ITEM										

MODEL: C:\FUHRMANN\202020-1581.PTB 195-57 REALIGNMENT IL 162 AT IL 137 PH II D-98-009-04 - FEI PRIMECADD\CADD Sheets\004-019-087646-2H-500.dgn
FILE NAME: C:\FUHRMANN\202020-1581.PTB 195-57 REALIGNMENT IL 162 AT IL 137 PH II D-98-009-04 - FEI PRIMECADD\CADD Sheets\004-019-087646-2H-500.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
				FAP 592 (IL 157) URBAN		FAP 586 (IL 162) URBAN		FAP 586A (IL 162) URBAN	SHARED-USE PATH URBAN	
				ROADWAY 0004	STRUCTURE 0010	ROADWAY 0004	STRUCTURE 0008	ROADWAY 0004	SHARED-USE PATH 0021	STRUCTURE 0008
50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1		1					
50201123	COFFERDAM (TYPE 2) (LOCATION - 3)	EACH	1				1			
50201124	COFFERDAM (TYPE 2) (LOCATION - 4)	EACH	1				1			
50300225	CONCRETE STRUCTURES	CU YD	1004.7		533.5		431.6			39.6
50300255	CONCRETE SUPERSTRUCTURE	CU YD	744.0		373.7		326.9			43.4
50300260	BRIDGE DECK GROOVING	SQ YD	2914		1572		1308			34
50300265	SEAL COAT CONCRETE	CU YD	186.2				186.2			
50300280	CONCRETE ENCASEMENT	CU YD	8.6							8.6
50300300	PROTECTIVE COAT	SQ YD	3594		1828		1449			317
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	439		238		166			35
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		0.54		0.46			
50500505	STUD SHEAR CONNECTORS	EACH	16554		8691		7863			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	485380		263610		203520			18250
50800515	BAR SPLICERS	EACH	11		11					

* SPECIALTY ITEM

REV - MS

MODEL: C:\FUHRMANN\2020\20-1581.PTB 195-57 REALIGNMENT IL 162 AT IL 157 PH II D-98-009-04 - FEI PRIMECADD\CADD Sheets\2004-019-08\76A46-2H-500.dgn
FILE NAME: C:\FUHRMANN\2020\20-1581.PTB 195-57 REALIGNMENT IL 162 AT IL 157 PH II D-98-009-04 - FEI PRIMECADD\CADD Sheets\2004-019-08\76A46-2H-500.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION CODE					
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP
				FAP 592 (IL 157) URBAN		FAP 586 (IL 162) URBAN		FAP 586A (IL 162) URBAN	SHARED-USE PATH URBAN
				ROADWAY 0004	STRUCTURE 0010	ROADWAY 0004	STRUCTURE 0008	ROADWAY 0004	SHARED-USE PATH 0021
CODE NO	ITEM	UNIT	TOTAL						
50901750	PARAPET RAILING	FOOT	13.3						13.3
51202100	FURNISHING STEEL PILES HP14X117	FOOT	11750		5397		5418		935
51202305	DRIVING PILES	FOOT	11750		5397		5418		935
51204100	TEST PILE STEEL HP14X117	EACH	3		2		1		
51500100	NAME PLATES	EACH	3		1		1		1
52100510	ANCHOR BOLTS, 3/4"	EACH	32				32		
52100520	ANCHOR BOLTS, 1"	EACH	116		84		32		
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	9	8		1			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2					
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4	2		2			
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	2					2	
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	278	278					
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	111	111					
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	34	34					
* SPECIALTY ITEM									

MODEL: C:\FUHRMANN\202020-1581.PTB 195-57 REALIGNMENT IL 162 AT IL 137 PH II D-98-009-04 - FEI PRIMECADD\CADD Sheets\004-019-087646-2H-500.dgn
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SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
				FAP 592 (IL 157) URBAN		FAP 586 (IL 162) URBAN		FAP 586A (IL 162) URBAN	SHARED-USE PATH URBAN	
				ROADWAY	STRUCTURE	ROADWAY	STRUCTURE	ROADWAY	SHARED-USE PATH	STRUCTURE
				0004	0010	0004	0008	0004	0021	0008
CODE NO	ITEM	UNIT	TOTAL							
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	496	470		26				
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	337	258				79		
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	134			134				
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	126					126		
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	619		332		196			91
58700300	CONCRETE SEALER	SQ FT	127							127
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	301		153		104			44
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	488		202		191			95
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	1		1				
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1					1		
60219570	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	6	4				2		
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1					1		
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2	1		1				
60235705	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	4	3		1				
* SPECIALTY ITEM										

MODEL: FILE NAME: C:\FUEIG\051_2102020-1581_PTB 195-57_READJOURNMENT_IL 162_AT_IL 157_PH II D-98-009-04 - FEI PRIMECADD\CADD Sheets\004-019-087646-2H-500.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
CODE NO	ITEM	UNIT	TOTAL	FAP 592 (IL 157)		FAP 586 (IL 162)		FAP 586A (IL 162)	SHARED-USE PATH	
				URBAN		URBAN		URBAN	URBAN	
				ROADWAY	STRUCTURE	ROADWAY	STRUCTURE	ROADWAY	SHARED-USE PATH	STRUCTURE
				0004	0010	0004	0008	0004	0021	0008
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	2	2						
60240222	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	10	6				4		
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3					3		
60602800	CONCRETE GUTTER, TYPE B	FOOT	662					662		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	144	144						
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	210	210						
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1645	1550		95				
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	92			62		30		
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	166			109		57		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	939	39		555		345		
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	800.0	125.0		437.5		237.5		
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	87.5	87.5						
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2						
63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1			1				

*SPECIALTY ITEM

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MODEL: C:\FEI\0051_2020\20-1581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_PH_II_DS-8-009-04 - FEI PRIME\CADD\CADD_Sheets\1004-0_19-087646-8H-SOQ.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
CODE NO	ITEM	UNIT	TOTAL	FAP 592 (IL 157)		FAP 586 (IL 162)		FAP 586A (IL 162)	SHARED-USE PATH	
				URBAN		URBAN		URBAN	URBAN	
				ROADWAY 0004	STRUCTURE 0010	ROADWAY 0004	STRUCTURE 0008	ROADWAY 0004	SHARED-USE PATH 0021	STRUCTURE 0008
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	7	2		4		1		
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	10	4		3		3		
63200310	GUARDRAIL REMOVAL	FOOT	1880	1880						
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	2221	1004		1055		162		
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	8	4		3		1		
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1461	485				976		
66900530	SOIL DISPOSAL ANALYSIS	EACH	1	0.56				0.44		
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.56				0.44		
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.56				0.44		
66901005	ENGINEERED BARRIER	SQ YD	889	889						
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	76	20				56		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	12		6		6		
67100100	MOBILIZATION	L SUM	1	0.24	0.16	0.12	0.16	0.12	0.10	0.10
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.50		0.25		0.25		

*SPECIALTY ITEM

MODEL: C:\FEI\Bids\2020\20-1581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_PN_II_DS-8-009-04 - FEI PRIME\CADD\CADD_Sheets\004-0-19-087646-sht-SQ-06.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
				FAP 592 (IL 157)		FAP 586 (IL 162)		FAP 586A (IL 162)	SHARED-USE PATH	
				URBAN		URBAN		URBAN	URBAN	
CODE NO	ITEM	UNIT	TOTAL	ROADWAY	STRUCTURE	ROADWAY	STRUCTURE	ROADWAY	SHARED-USE PATH	STRUCTURE
				0004	0010	0004	0008	0004	0021	0008
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.50		0.25		0.25		
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.50		0.25		0.25		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	420	210		105		105		
72000100	SIGN PANEL - TYPE 1	SQ FT	325.51	183.62		59.32		74.07	8.50	
72000200	SIGN PANEL - TYPE 2	SQ FT	108	36		36		36		
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	21	11		6		4		
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	13	6		3		4		
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	30	30						
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	1				1		
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	2		1				
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	13	6		3		3	1	
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	543.01	309.51		87.75		116.75	29.00	
73000100	WOOD SIGN SUPPORT	FOOT	276.00	101.50		84.75		89.75		
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1	1						

MODEL: C:\FUE\p05_2020\20-1581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_PN_II_DS-8-009-04 - FEI PRIME\CADD\CADD_Sheet\1004-0_19-087646-sht-SQ-Q.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
				FAP 592 (IL 157) URBAN		FAP 586 (IL 162) URBAN		FAP 586A (IL 162) URBAN	SHARED-USE PATH URBAN	
				ROADWAY 0004	STRUCTURE 0010	ROADWAY 0004	STRUCTURE 0008	ROADWAY 0004	SHARED-USE PATH 0021	STRUCTURE 0008
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	483.6	296.4	93.6		93.6		
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	21272	10619	5448		5205		
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	584	305	207		72		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1685	852	471		362		
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	192	108	42		42		
*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	184					184	
*	78004600	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LETTERS AND SYMBOLS	SQ FT	62.4	62.4					
*	78004630	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 6"	FOOT	2949	1561	1348			40	
*	78004640	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 8"	FOOT	96	96					
*	78004660	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 12"	FOOT	345	195	150				
*	78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 24"	FOOT	30	30					
*	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	62.4	62.4					
*	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2949	1561	1348			40	
*	78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	96	96					

*SPECIALTY ITEM

MODEL: C:\FEI\Bids_2020\20-1581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_PN_II_DS48-009-04 - FEI PRIME\CADD\CADD_Sheets\1004-Q_19-087646-46-48-500-060
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SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
				FAP 592 (IL 157) URBAN		FAP 586 (IL 162) URBAN		FAP 586A (IL 162) URBAN	SHARED-USE PATH URBAN	
				ROADWAY 0004	STRUCTURE 0010	ROADWAY 0004	STRUCTURE 0008	ROADWAY 0004	SHARED-USE PATH 0021	STRUCTURE 0008
CODE NO	ITEM	UNIT	TOTAL							
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	345	195		150				
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	30	30						
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	205	107		47		51		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	40	16		16		8		
* 78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	16	8		8				
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	16	8		8				
* 78200020	CURB REFLECTORS	EACH	50	34		16				
* 80500100	SERVICE INSTALLATION, TYPE A	EACH	1			1				
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	194	194						
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	97	97						
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	988	367		621				
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	640	13		627				
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	116			116				
* 81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	48			48				
*SPECIALTY ITEM										

MODEL: C:\FUE\B05_2020\20-1581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_PN_II_DS-8-009-04 - FEI PRIME\CADD\CADD_Sheets\1004\J-19-087646-sht-SQ-02.dgn
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SUMMARY OF QUANTITIES					CONSTRUCTION CODE					
					80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP
					FAP 592 (IL 157) URBAN		FAP 586 (IL 162) URBAN		FAP 586A (IL 162) URBAN	SHARED-USE PATH URBAN
					ROADWAY 0004	STRUCTURE 0010	ROADWAY 0004	STRUCTURE 0008	ROADWAY 0004	SHARED-USE PATH 0021 STRUCTURE 0008
*	81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	135			135			
*	81400100	HANDHOLE	EACH	15	3		12			
*	81400300	DOUBLE HANDHOLE	EACH	1			1			
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1					
*	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1			1			
*	87100160	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 24F	FOOT	1130			1130			
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1375			1375			
*	87301235	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 4C	FOOT	1410			1410			
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5207	970		4237			
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2028	967		1061			
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1867	1867					
*	87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	34			34			
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1400	90		1310			
*	87500800	TRAFFIC SIGNAL POST, 12 FT.	EACH	3			3			

*SPECIALTY ITEM

MODEL: C:\FUE\pds_2020\20-1581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_PN_II_DS-8-009-04 - FEI PRIME\CADD\CADD_Sheets\1004\19-087646-sht-SQ-02.dgn
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SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
CODE NO	ITEM	UNIT	TOTAL	FAP 592 (IL 157)		FAP 586 (IL 162)		FAP 586A (IL 162)	SHARED-USE PATH	
				URBAN		URBAN		URBAN	URBAN	
				ROADWAY 0004	STRUCTURE 0010	ROADWAY 0004	STRUCTURE 0008	ROADWAY 0004	SHARED-USE PATH 0021	STRUCTURE 0008
87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1	1						
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1			1				
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1			1				
87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	1			1				
87703080	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 68 FT.	EACH	1			1				
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9			9				
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3			3				
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	43	15		28				
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	46			46				
87900200	DRILL EXISTING HANDHOLE	EACH	1	1						
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	7	1		6				
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	12	2		10				
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	6	4		2				
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	6	4		2				

MODEL: C:\FEI\Bids\2020\20-1581.PTB 195-57 REALIGNMENT IL 162 AT IL 157 PM II D-58-009-04 - FEI PRIME CADD CADD Sheet1004.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
CODE NO	ITEM	UNIT	TOTAL	FAP 592 (IL 157)		FAP 586 (IL 162)		FAP 586A (IL 162)	SHARED-USE PATH	
				URBAN		URBAN		URBAN	URBAN	
				ROADWAY 0004	STRUCTURE 0010	ROADWAY 0004	STRUCTURE 0008	ROADWAY 0004	SHARED-USE PATH 0021	STRUCTURE 0008
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4			4				
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	18	6		12				
88500100	INDUCTIVE LOOP DETECTOR	EACH	1	1						
88600100	DETECTOR LOOP, TYPE I	FOOT	688	688						
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	2	2						
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1	1						
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3338	3338						
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1						
89502380	REMOVE EXISTING HANDHOLE	EACH	3	3						
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	1						
X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	1920.7							1920.7
X0350805	FOLD DOWN BOLLARDS	EACH	1						1	
X1700114	CONCRETE PAD REMOVAL	SQ FT	2660	1056				1604		
X5220102	RETAINING WALL REMOVAL	FOOT	277	70		207				

* SPECIALTY ITEM

MODEL: C:\FUHRMANN\2020\20-1581\PTB 195-57\REALIGNMENT IL 162 AT IL 157 PH II D-98-009-04 - FEI PRIMECADD\CADD Sheets\2004-019-08\76A46-2H-500.dgn
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SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
CODE NO	ITEM	UNIT	TOTAL	FAP 592 (IL 157)		FAP 586 (IL 162)		FAP 586A (IL 162)	SHARED-USE PATH	
				URBAN		URBAN		URBAN	URBAN	
				ROADWAY	STRUCTURE	ROADWAY	STRUCTURE	ROADWAY	SHARED-USE PATH	STRUCTURE
				0004	0010	0004	0008	0004	0021	0008
X6660445	RIGHT OF WAY AND PROPERTY CORNERS	EACH	40	19		12		9		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.50		0.25		0.25		
X7800200	PAINT PAVEMENT MARKING CURB	FOOT	293	194		99				
X8710103	ETHERNET SWITCH	EACH	1			1				
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4			4				
Z0001495	BRIDGE APPROACH SHOULDER REMOVAL	SQ YD	45	45						
Z0004002	BOLLARDS	EACH	2						2	
Z0004544	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL	SQ YD	924	482				442		
Z0004552	APPROACH SLAB REMOVAL	SQ YD	129	129						
Z0007601	BUILDING REMOVAL NO. 1	L SUM	1			1				
Z0007602	BUILDING REMOVAL NO. 2	L SUM	1			1				
Z0007603	BUILDING REMOVAL NO. 3	L SUM	1			1				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.24	0.16	0.12	0.16	0.12	0.10	0.10

*SPECIALTY ITEM

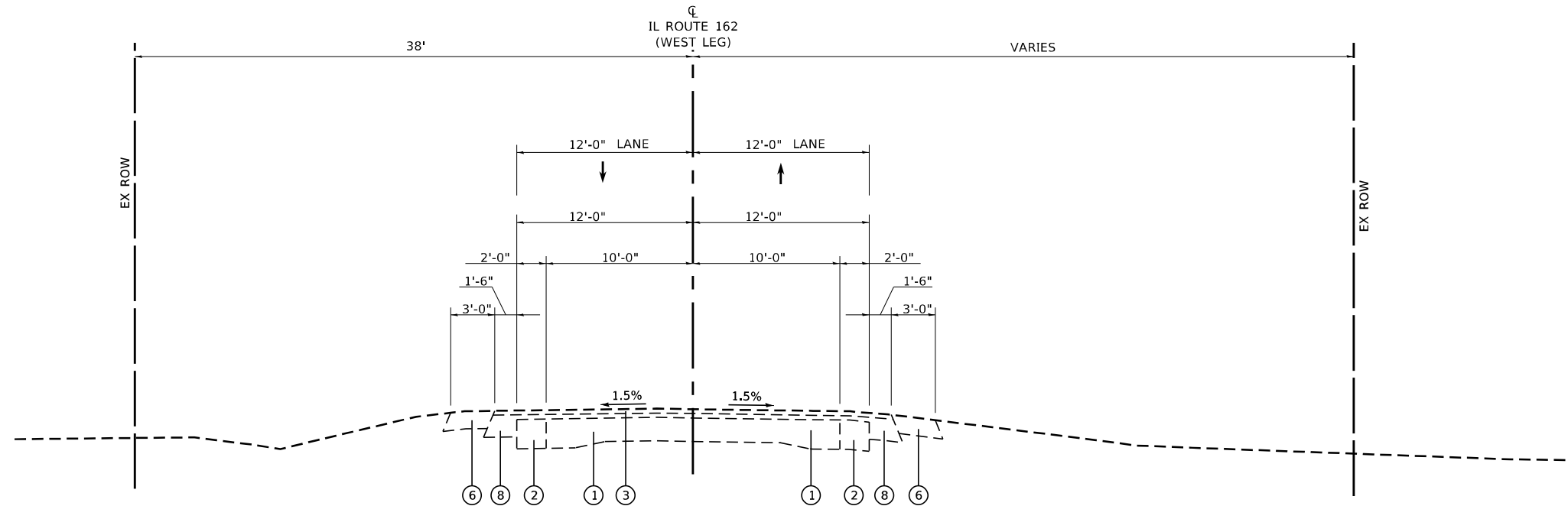
REV - MS

MODEL: C:\FUHRMANN\202020-1581.PTB 195-57 REAUMONT IL 162 AT IL 137 PH II D-98-009-04 - FEI PRIMECADD\CADD Sheets\004-019-087646-2H-500.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION CODE						
				80% FEDERAL 20 % STATE NHPP		80% FEDERAL 20 % STATE STP		80 % FEDERAL 20% STATE NHPP	90% FEDERAL 10 % STATE HSIP	
CODE NO	ITEM	UNIT	TOTAL	FAP 592 (IL 157)		FAP 586 (IL 162)		FAP 586A (IL 162)	SHARED-USE PATH	
				URBAN		URBAN		URBAN	URBAN	
				ROADWAY	STRUCTURE	ROADWAY	STRUCTURE	ROADWAY	SHARED-USE PATH	STRUCTURE
				0004	0010	0004	0008	0004	0021	0008
X7200203	DETOUR SIGNING	L SUM	1	0.50		0.25		0.25		
X6640104	FENCE REMOVAL	FOOT	159			159				
X8891001	VIDEO VEHICLE DETECTION SYSTEM	EACH	1			1				
40600405	MATERIAL TRANSFER DEVICE	TON	10576	5130		2702		2744		
Z0056650	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	218					218		
Z0056654	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24"	FOOT	107					107		
Z0056657	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 36"	FOOT	42					42		
Z0056672	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24"	FOOT	30					30		
Z0056682	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 42"	FOOT	50					50		
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1						
X6640632	WOOD RAIL	FOOT	32							32
Z0076600	TRAINEES	HOURL	3000	3000						
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	3000	3000						

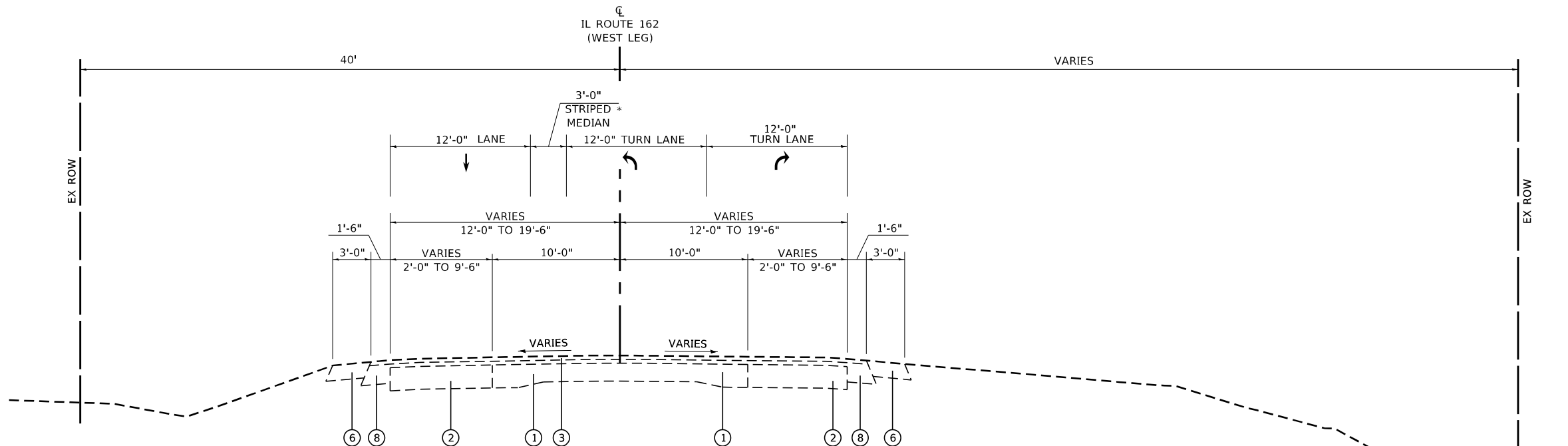
* SPECIALTY ITEM
Ø 0042

REV - MS



EXISTING IL ROUTE 162
TANGENT SECTION

STA 223+74.18 TO STA 229+99.41



* RAISED MEDIAN
STA 233+31.07 TO STA 234+87.13

EXISTING IL ROUTE 162
TANGENT SECTION

STA 229+99.41 TO STA 235+28.40

LEGEND

- 1 EXISTING 9"-7"-9" PAVEMENT
- 2 EXISTING BASE COURSE WIDENING
- 3 EXISTING RESURFACING VARIABLE DEPTH
- 4 EXISTING BITUMINOUS SHOULDER
- 5 EXISTING CONCRETE MEDIAN
- 6 EXISTING AGGREGATE SHOULDER
- 7 EXISTING CONCRETE GUTTER
- 8 EXISTING LEVELING BINDER

FILE NAME: \\loech\loc\cst\Production\Files\2020\120-00\B\CAD\CADD Sheets\0876A46-shr-Typical Sections.dgn



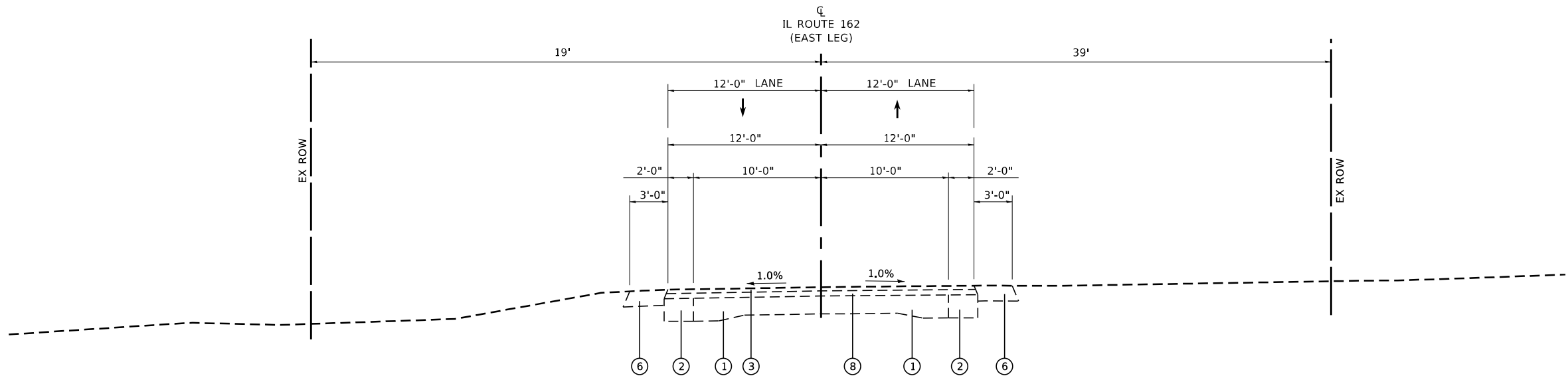
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MODEL NAME	* Typ 01	DRAWN	- LEC	REVISED	-
PLOT SCALE	* 10.0000"/in.	CHECKED	- BRM	REVISED	-
PLOT DATE	* 3/5/2024	DATE	- 10/8/2021	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
IL ROUTE 162

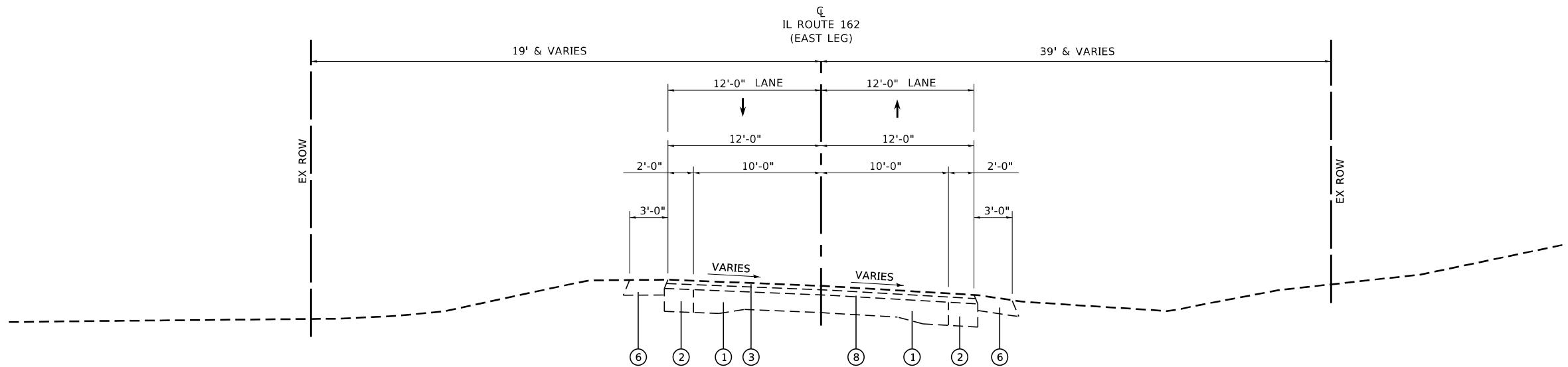
SCALE: 1"=5' SHEET 1 OF 18 SHEETS EX Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	20
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				



**EXISTING IL ROUTE 162
TANGENT SECTION**

STA 238+53.15 TO STA 242+00.00



**EXISTING IL ROUTE 162
SUPERELEVATED SECTION**

STA 242+00.00 TO STA 246+27.15

LEGEND

- ① EXISTING 9"-7"-9" PAVEMENT
- ② EXISTING BASE COURSE WIDENING
- ③ EXISTING RESURFACING VARIABLE DEPTH
- ④ EXISTING BITUMINOUS SHOULDER
- ⑤ EXISTING CONCRETE MEDIAN
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ EXISTING CONCRETE GUTTER
- ⑧ EXISTING LEVELING BINDER

FILE NAME: \\loach-loc\cst\Production\Files\2020\120-00\B\CAD\CADD Sheets\0876A46-shr-Typical Sections.dgn



USER NAME	• alex.huelskamp
MODEL NAME	• Typ 02
PLOT SCALE	• 10,0000"/in.
PLOT DATE	• 3/5/2024

DESIGNED	- ESW
DRAWN	- LEC
CHECKED	- BRM
DATE	- 10/8/2021

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

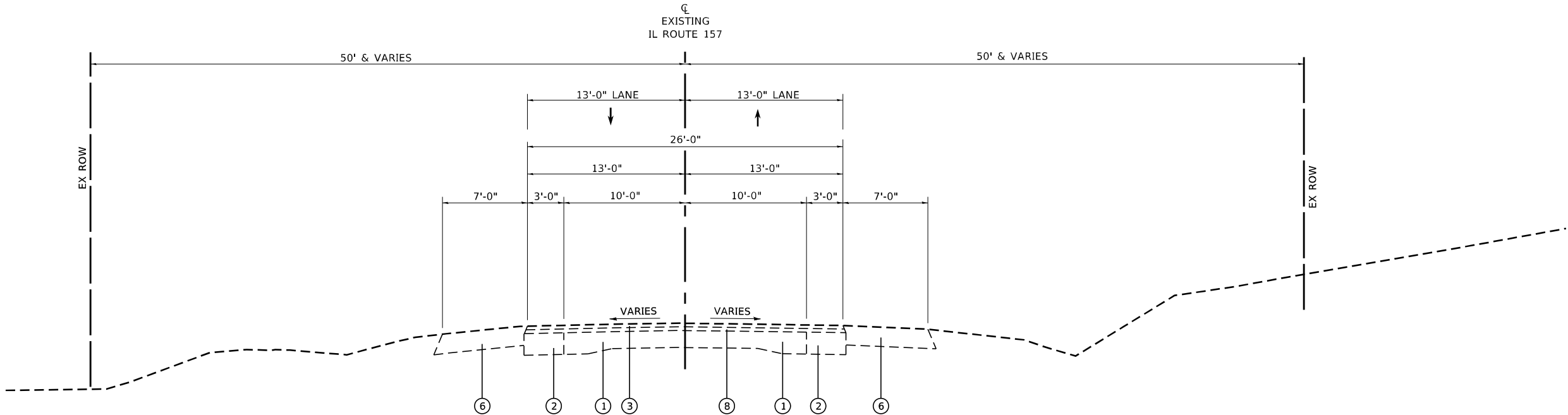
EXISTING TYPICAL SECTIONS
IL ROUTE 162

SCALE: 1"=5' SHEET 2 OF 18 SHEETS EX Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	21
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

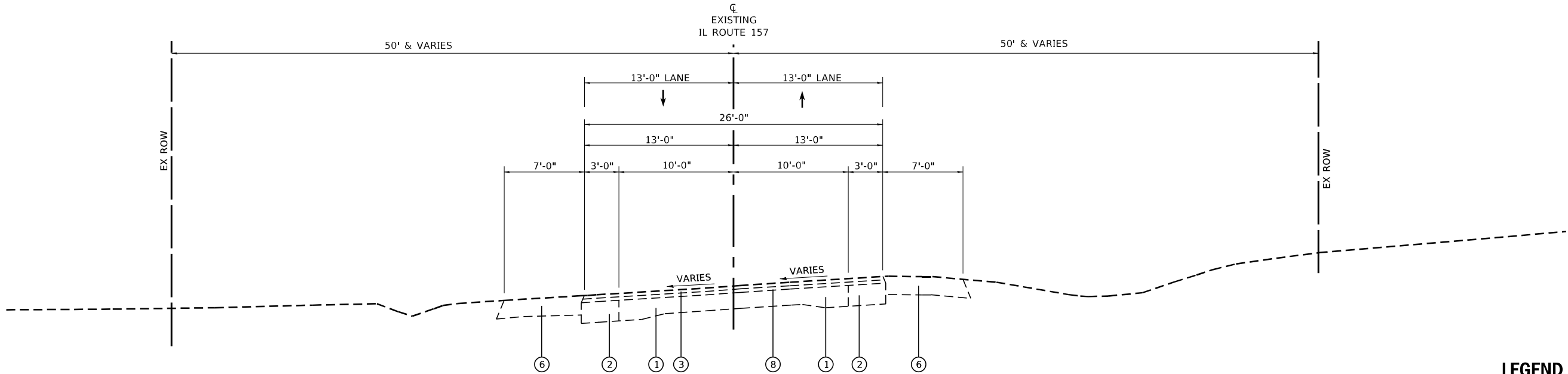
*586/592

FILE NAME: \\loach-loc\cst\Production\Files\2020\120-00\B\CAD\CADD Sheets\0876A46-sh-Typical Sections.dgn



**EXISTING IL ROUTE 157
TANGENT SECTION**

STA 572+33.26 TO STA 577+50.00



**EXISTING IL ROUTE 157
SUPERELEVATED SECTION**

STA 577+50.00 TO STA 579+85.81

LEGEND

- 1 EXISTING 9"-7"-9" PAVEMENT
- 2 EXISTING BASE COURSE WIDENING
- 3 EXISTING RESURFACING VARIABLE DEPTH
- 4 EXISTING BITUMINOUS SHOULDER
- 5 EXISTING CONCRETE MEDIAN
- 6 EXISTING AGGREGATE SHOULDER
- 7 EXISTING CONCRETE GUTTER
- 8 EXISTING LEVELING BINDER



USER NAME • atex.huelskamp
MODEL NAME • Typ 03
PLOT SCALE • 10,0000"/in.
PLOT DATE • 3/5/2024

DESIGNED - ESW
DRAWN - LEC
CHECKED - BRM
DATE - 10/8/2021

REVISED -
REVISED -
REVISED -
REVISED -

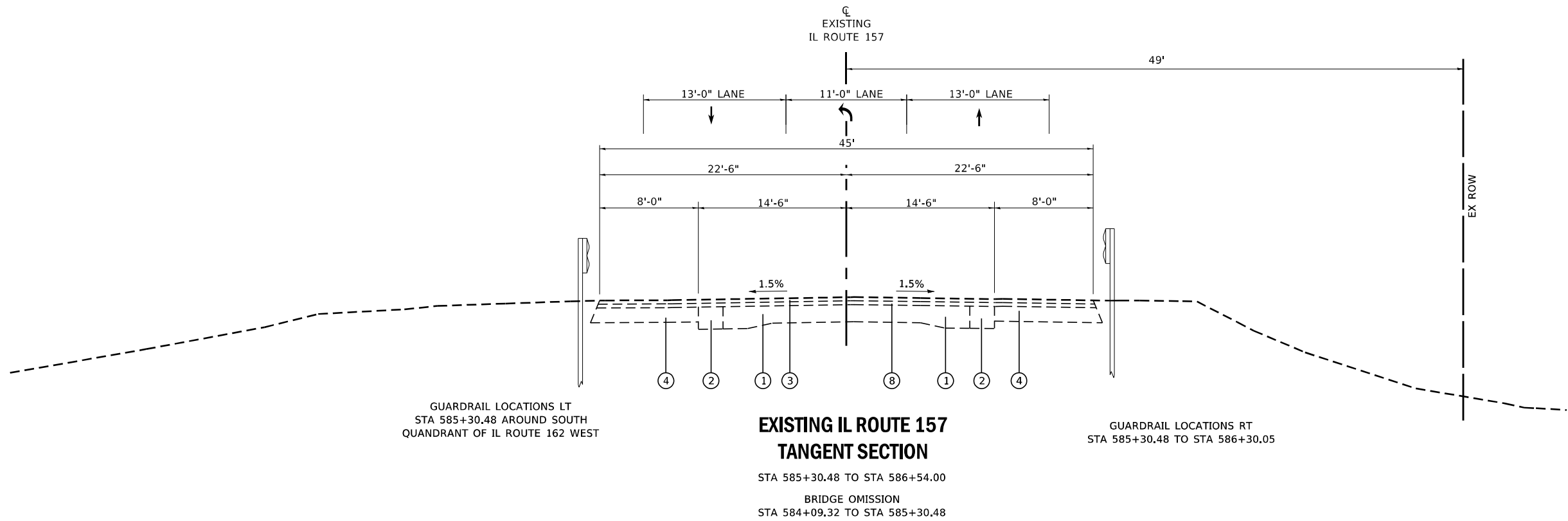
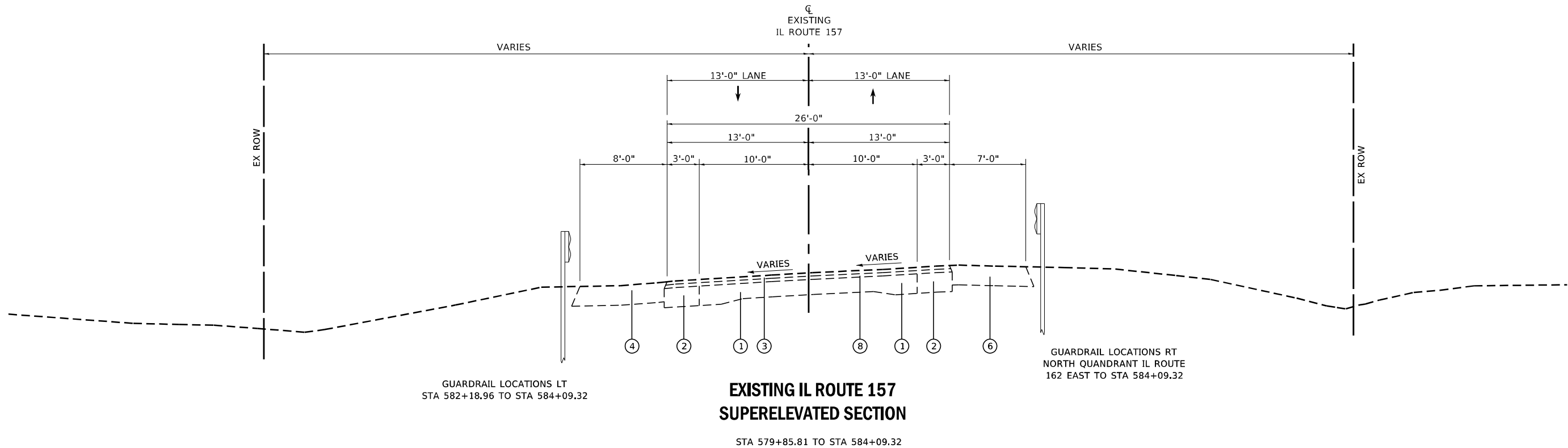
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
IL ROUTE 157**

SCALE: 1"=5' SHEET 3 OF 18 SHEETS EX Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	22
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

FILE NAME: \\lochl-joe\cst\Production\Files\2020\120-00\B\CAD\CADD Sheets\0876A46-sh-Typical Sections.dgn



LEGEND

- ① EXISTING 9"-7"-9" PAVEMENT
- ② EXISTING BASE COURSE WIDENING
- ③ EXISTING RESURFACING VARIABLE DEPTH
- ④ EXISTING BITUMINOUS SHOULDER
- ⑤ EXISTING CONCRETE MEDIAN
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ EXISTING CONCRETE GUTTER
- ⑧ EXISTING LEVELING BINDER



USER NAME	• atex.huelskamp	DESIGNED	- ESW	REVISED	-
MODEL NAME	• Typ 04	DRAWN	- LEC	REVISED	-
PLOT SCALE	• 10,0000' / in.	CHECKED	- BRM	REVISED	-
PLOT DATE	• 3/5/2024	DATE	- 10/8/2021	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

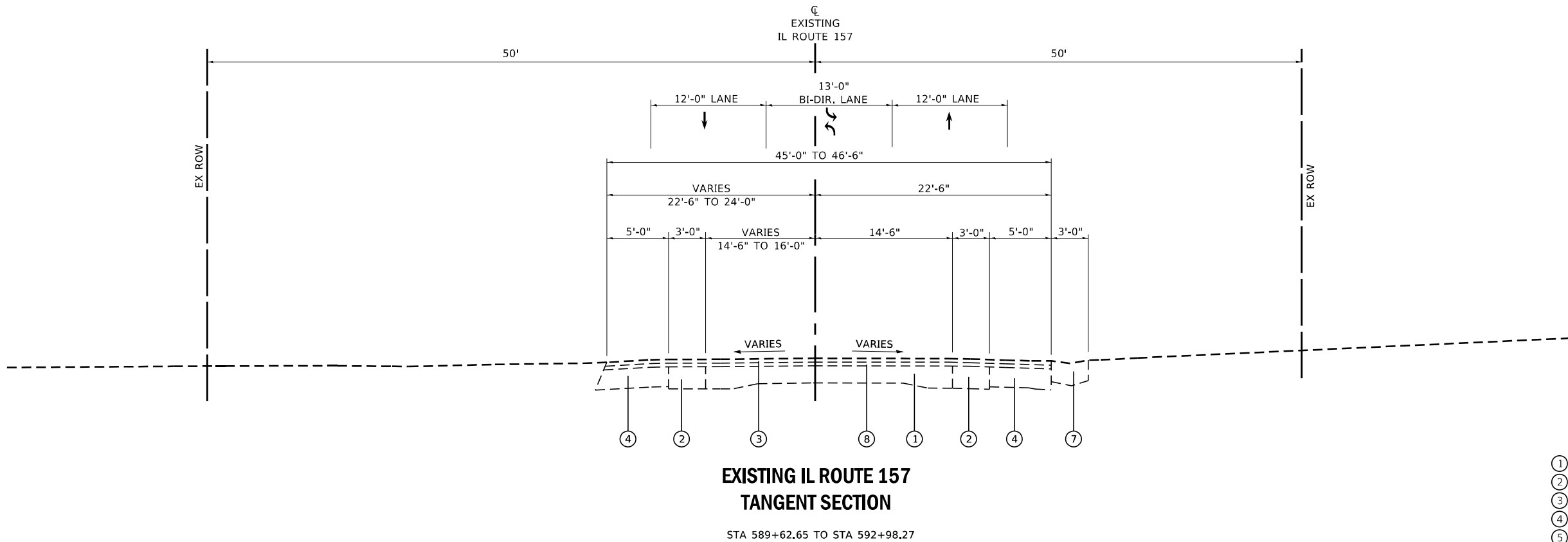
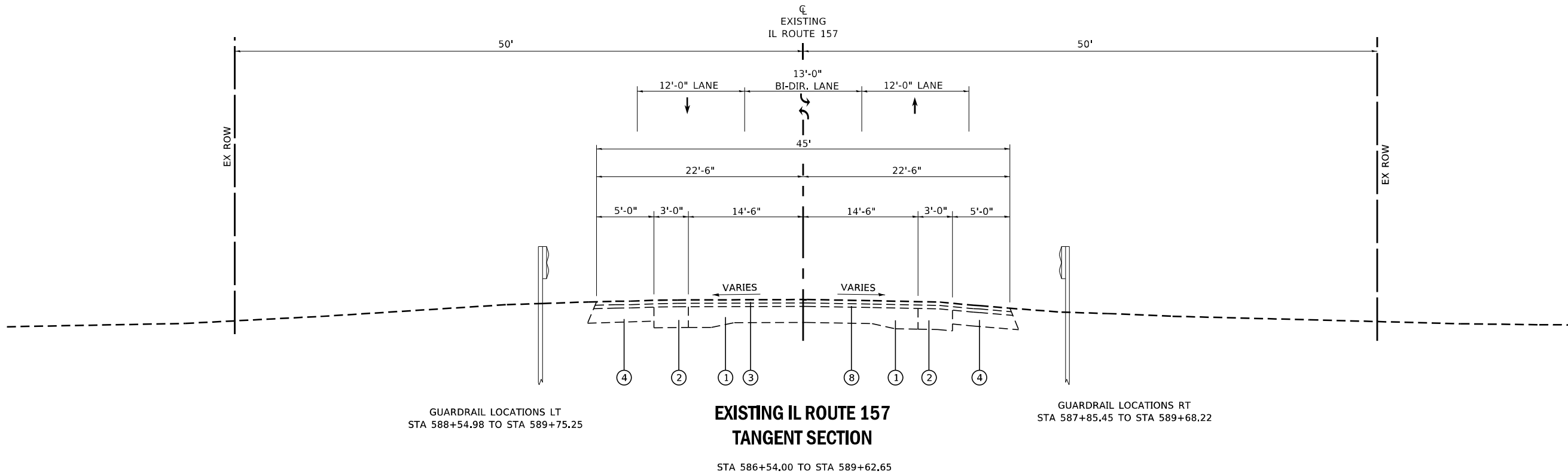
EXISTING TYPICAL SECTIONS IL ROUTE 157

SCALE: 1"=5' SHEET 4 OF 18 SHEETS EX Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	23
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

*586/592

FILE NAME: \\loach-loc\cst\Production\Files\2020\120-00\B\CAD\CADD Sheets\0876A46-sh-Typical Sections.dgn



LEGEND

- ① EXISTING 9'-7"-9" PAVEMENT
- ② EXISTING BASE COURSE WIDENING
- ③ EXISTING RESURFACING VARIABLE DEPTH
- ④ EXISTING BITUMINOUS SHOULDER
- ⑤ EXISTING CONCRETE MEDIAN
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ EXISTING CONCRETE GUTTER
- ⑧ EXISTING LEVELING BINDER



USER NAME	• alex.huelskamp
MODEL NAME	• Typ 05
PLOT SCALE	• 10,0000' / in.
PLOT DATE	• 3/5/2024

DESIGNED	- ESW
DRAWN	- LEC
CHECKED	- BRM
DATE	- 10/8/2021

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
IL ROUTE 157

SCALE: 1"=5'

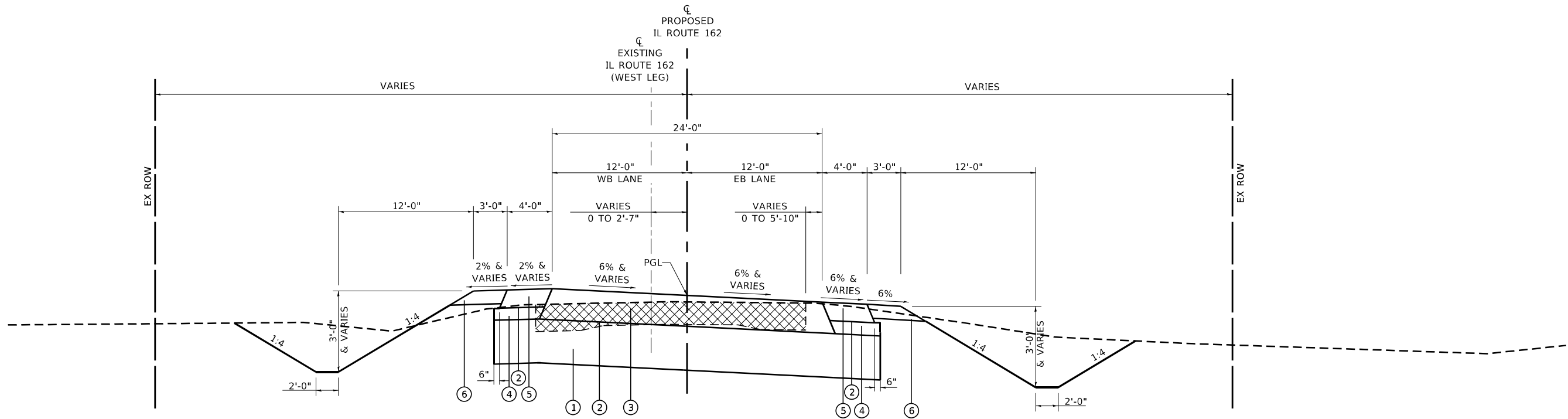
SHEET 5 OF 18 SHEETS

EX Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	24
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

*586/592

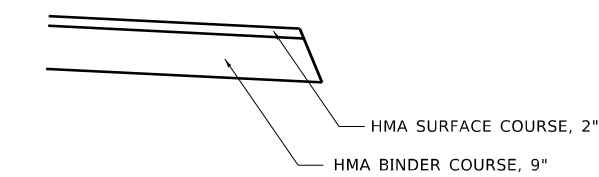
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**PROPOSED IL ROUTE 162
SUPERELEVATION SECTION**

STA 6+91.56 TO STA 9+25.00

TRANSITION 1.5% SLOPE TO 6.0% SLOPE
STA 7+42.06 TO STA 9+34.56



FULL DEPTH PAVEMENT DETAIL

LEGEND

- ① IMPROVED SUBGRADE-GRANULAR MATERIAL, 24"
 - ② BITUMINOUS MATERIALS (PRIME COAT)
 - ③ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11"
 - ④ SUBBASE GRANULAR MATERIAL, TYPE C 3"
 - ⑤ HOT-MIX ASPHALT SHOULDERS, 8"
 - ⑥ AGGREGATE SHOULDERS, TYPE B 7"
 - ⑦ NO. 6 EPOXY-COATED TIE BAR, 30" LONG @ 36" CTS.
 - ⑧ PORTLAND CEMENT CONCRETE SIDEWALK, 6"
 - ⑨ CONCRETE GUTTER, TYPE B
 - ⑩ COMB. CONC. CURB AND GUTTER, TYPE B-6.24
 - ⑪ AGGREGATE BASE COURSE, TYPE A 6"
 - ⑫ PROPOSED CURB
- REMOVAL



USER NAME	• Linda
MODEL NAME	• Typ 06
PLOT SCALE	• 10,0000' / in.
PLOT DATE	• 3/7/2024

DESIGNED	- ESW
DRAWN	- LEC
CHECKED	- BRM
DATE	- 10/8/2021

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
IL ROUTE 162**

SCALE: 1"=5'

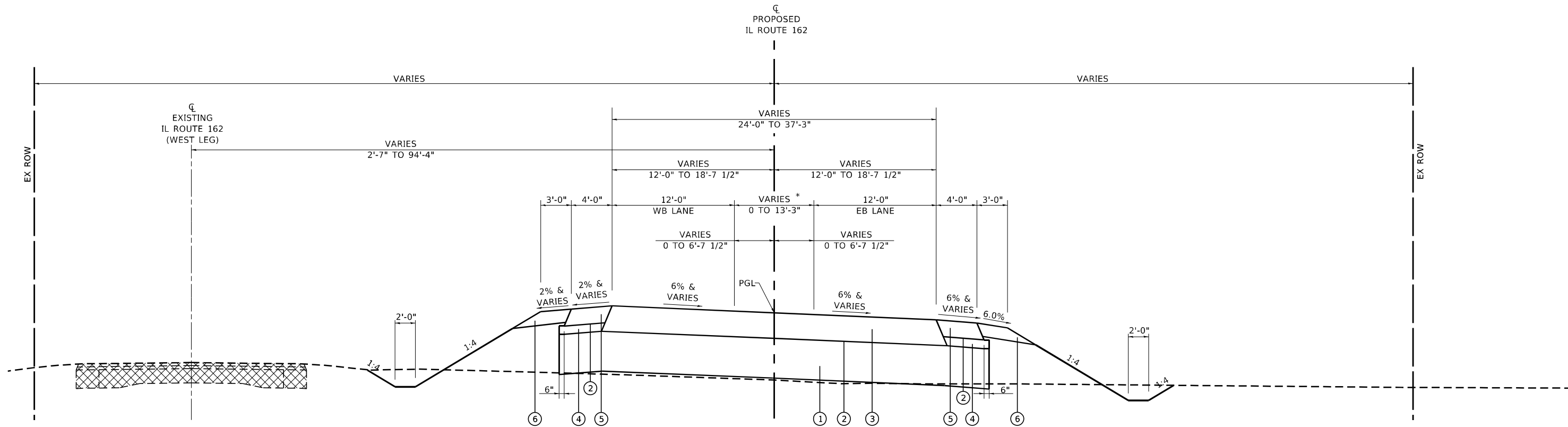
SHEET 6 OF 18 SHEETS

PR Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	25
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

*586/592

FILE NAME: X:\Production\Files\2020\420-00\8\CAD\CADD Sheets\087646-shr-Typical Sections.dgn



**PROPOSED IL ROUTE 162
SUPERELEVATION SECTION**

FULL SUPERELEVATION
STA 9+34.56 TO STA 10+56.48
TRANSITION 6.0% SLOPE TO 1.5% SLOPE
STA 10+56.48 TO STA 13+03.98

STA 9+25.00 TO STA 13+11.71
BRIDGE OMISSION
STA 13+42.83 TO STA 14+94.51

BRIDGE APPROACH SLAB
STA 13+12.83 TO STA 13+42.83
STA 14+94.51 TO STA 15+24.51

* BEGIN PAINTED MEDIAN STA 9+80.59

LEGEND

- ① IMPROVED SUBGRADE-GRANULAR MATERIAL, 24"
 - ② BITUMINOUS MATERIALS (PRIME COAT)
 - ③ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11"
 - ④ SUBBASE GRANULAR MATERIAL, TYPE C 3"
 - ⑤ HOT-MIX ASPHALT SHOULDERS, 8"
 - ⑥ AGGREGATE SHOULDERS, TYPE B 7"
 - ⑦ NO. 6 EPOXY-COATED TIE BAR, 30" LONG @ 36" CTS.
 - ⑧ PORTLAND CEMENT CONCRETE SIDEWALK, 6"
 - ⑨ CONCRETE GUTTER, TYPE B
 - ⑩ COMB. CONC. CURB AND GUTTER, TYPE B-6.24
 - ⑪ AGGREGATE BASE COURSE, TYPE A 6"
 - ⑫ PROPOSED CURB
-  REMOVAL



USER NAME	• Linda
MODEL NAME	• Typ 07
PLOT SCALE	• 10,0000' / in.
PLOT DATE	• 3/7/2024

DESIGNED	- ESW
DRAWN	- LEC
CHECKED	- BRM
DATE	- 10/8/2021

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
IL ROUTE 162**

SCALE: 1"=5'

SHEET 7 OF 18 SHEETS

PR Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	26
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

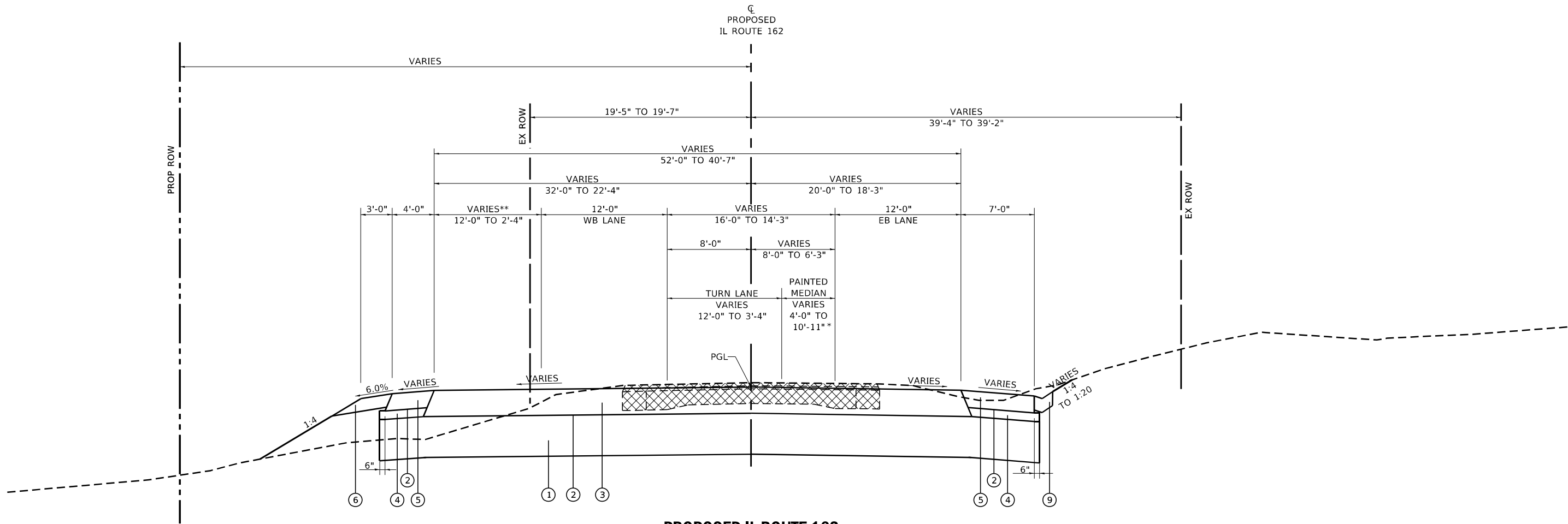
*586/592



REACHES FULL WIDTH STA 15+93.16

 REMOVAL

FILE NAME: X:\Production\Files\2020\420-00\8\CAD\CADD Sheets\087646-shr-Typical Sections.dgn



**PROPOSED IL ROUTE 162
SUPERELEVATION SECTION**

STA 21+94.52 TO STA 23+50.00

* PAINTED MEDIAN AT FULL WIDTH
STA 23+74.52

** TURN LANE ENDS
STA 24+34.52

LEGEND

- 1 IMPROVED SUBGRADE-GRANULAR MATERIAL, 24"
 - 2 BITUMINOUS MATERIALS (PRIME COAT)
 - 3 HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11"
 - 4 SUBBASE GRANULAR MATERIAL, TYPE C 3"
 - 5 HOT-MIX ASPHALT SHOULDERS, 8"
 - 6 AGGREGATE SHOULDERS, TYPE B 7"
 - 7 NO. 6 EPOXY-COATED TIE BAR, 30" LONG @ 36" CTS.
 - 8 PORTLAND CEMENT CONCRETE SIDEWALK, 6"
 - 9 CONCRETE GUTTER, TYPE B
 - 10 COMB. CONC. CURB AND GUTTER, TYPE B-6.24
 - 11 AGGREGATE BASE COURSE, TYPE A 6"
 - 12 PROPOSED CURB
-  REMOVAL



USER NAME	• Linda
MODEL NAME	• Typ 10
PLOT SCALE	• 10,0000' / in.
PLOT DATE	• 3/7/2024

DESIGNED	- ESW
DRAWN	- LEC
CHECKED	- BRM
DATE	- 10/8/2021

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
IL ROUTE 162**

SCALE: 1"=5'

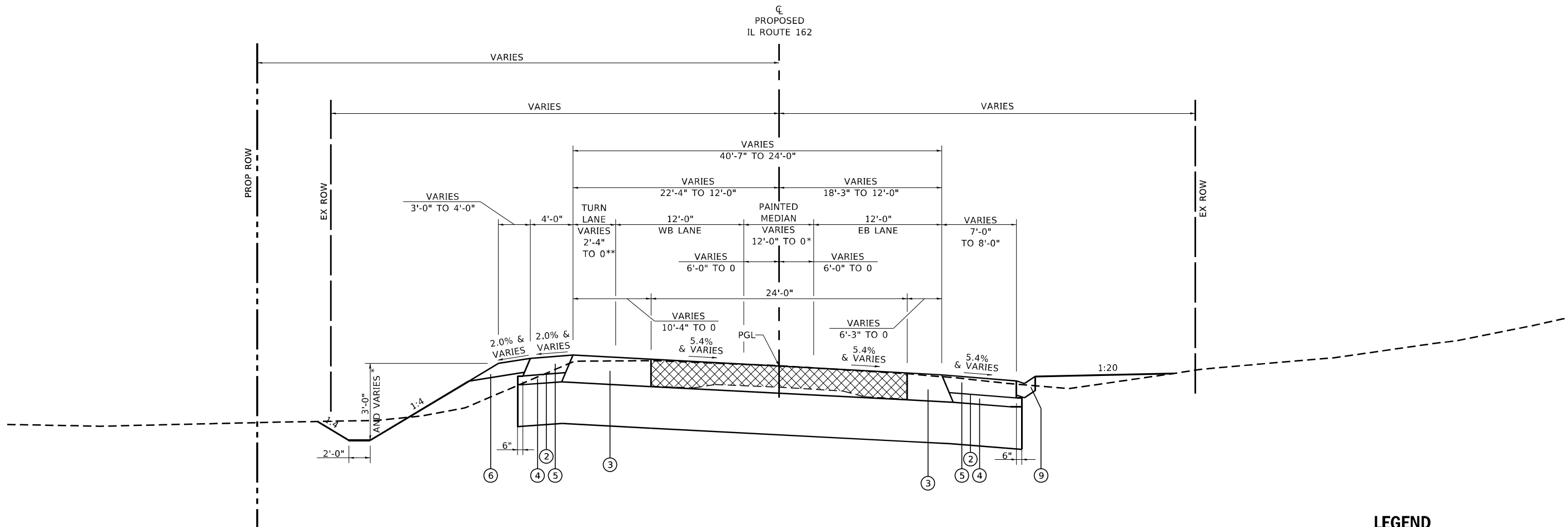
SHEET 10 OF 18 SHEETS

PR Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	29
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

*586/592

FILE NAME: X:\Production\Files\2020\420-00\8\CAD\CADD_Sheets\0876416-shr-Typical Sections.dgn



* PAINTED MEDIAN AT FULL WIDTH
STA 23+74.52

** TAPER ENDS STA 24+32.52

**PROPOSED IL ROUTE 162
SUPERELEVATION SECTION**

STA 23+50.00 TO STA 26+74.52

FULL SUPERELEVATION
STA 24+68.24 TO STA 26+49.12
TRANSITION TO MATCH EXISTING
STA 26+49.12 TO STA 26+74.52

TRANSITION 1.5% SLOPE TO 5.4% SLOPE
STA 21+95.74 TO STA 24+68.24

LEGEND

- ① IMPROVED SUBGRADE-GRANULAR MATERIAL, 24"
 - ② BITUMINOUS MATERIALS (PRIME COAT)
 - ③ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11"
 - ④ SUBBASE GRANULAR MATERIAL, TYPE C 3"
 - ⑤ HOT-MIX ASPHALT SHOULDERS, 8"
 - ⑥ AGGREGATE SHOULDERS, TYPE B 7"
 - ⑦ NO. 6 EPOXY-COATED TIE BAR, 30" LONG @ 36" CTS.
 - ⑧ PORTLAND CEMENT CONCRETE SIDEWALK, 6"
 - ⑨ CONCRETE GUTTER, TYPE B
 - ⑩ COMB. CONC. CURB AND GUTTER, TYPE B-6.24
 - ⑪ AGGREGATE BASE COURSE, TYPE A 6"
 - ⑫ PROPOSED CURB
-  REMOVAL



USER NAME	• Linda	DESIGNED	- ESW	REVISED	-
MODEL NAME	• Typ 11	DRAWN	- LEC	REVISED	-
PLOT SCALE	• 10,0000' / in.	CHECKED	- BRM	REVISED	-
PLOT DATE	• 3/7/2024	DATE	- 10/8/2021	REVISED	-

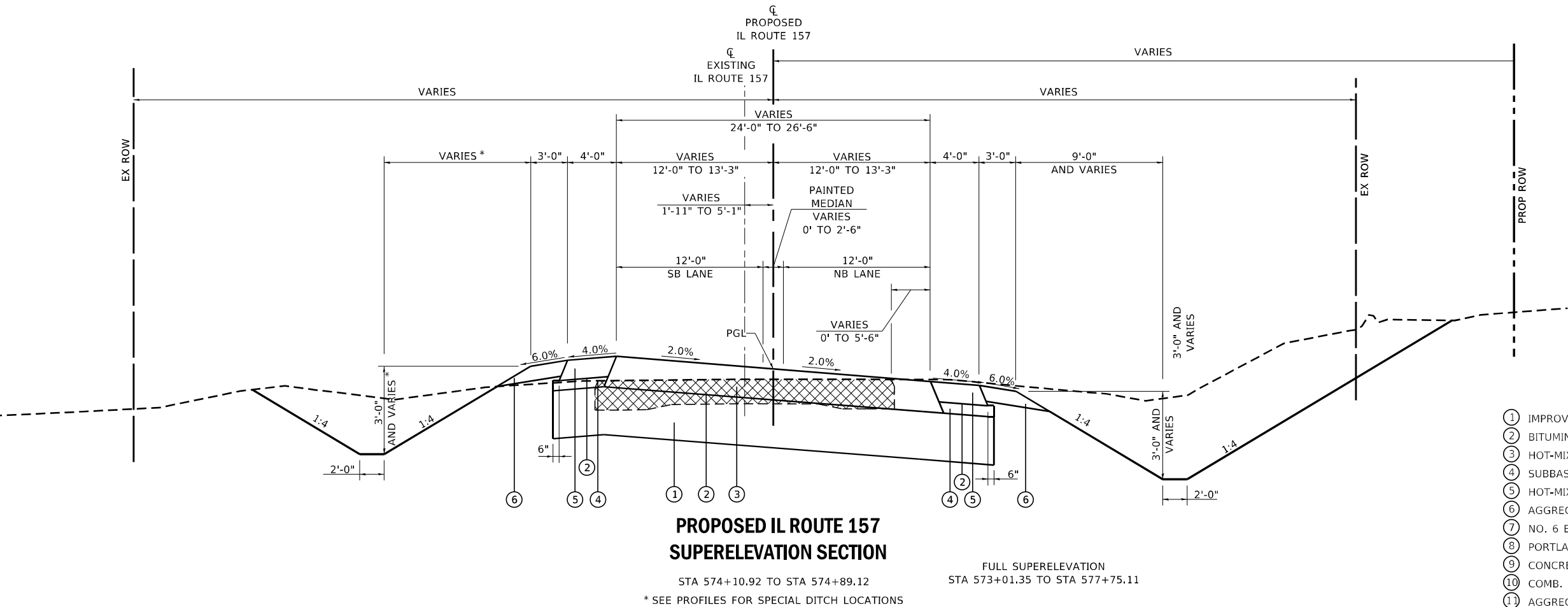
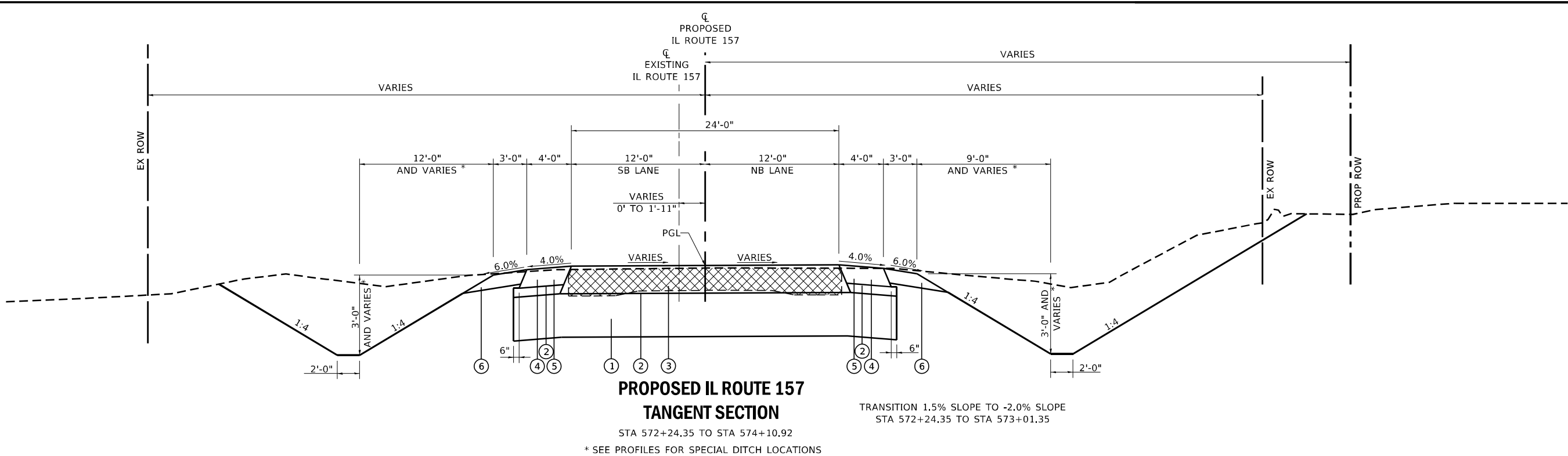
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED TYPICAL SECTIONS
IL ROUTE 162**

SCALE: 1"=5' SHEET 11 OF 18 SHEETS PR Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	30
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

FILE NAME: x:\Production\Files\2020\420-00\B\CAD\CADD Sheets\087646-shr-Typical Sections.dgn



LEGEND

- ① IMPROVED SUBGRADE-GRANULAR MATERIAL, 24"
- ② BITUMINOUS MATERIALS (PRIME COAT)
- ③ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11"
- ④ SUBBASE GRANULAR MATERIAL, TYPE C 3"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑥ AGGREGATE SHOULDERS, TYPE B 7"
- ⑦ NO. 6 EPOXY-COATED TIE BAR, 30" LONG @ 36" CTS.
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK, 6"
- ⑨ CONCRETE GUTTER, TYPE B
- ⑩ COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- ⑪ AGGREGATE BASE COURSE, TYPE A 6"
- ⑫ PROPOSED CURB

REMOVAL



USER NAME	• Linda	DESIGNED	- ESW	REVISED	-
MODEL NAME	• Typ 12	DRAWN	- LEC	REVISED	-
PLOT SCALE	• 10,0000' / in.	CHECKED	- BRM	REVISED	-
PLOT DATE	• 3/7/2024	DATE	- 10/8/2021	REVISED	-

DESIGNED	- ESW	REVISED	-
DRAWN	- LEC	REVISED	-
CHECKED	- BRM	REVISED	-
DATE	- 10/8/2021	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

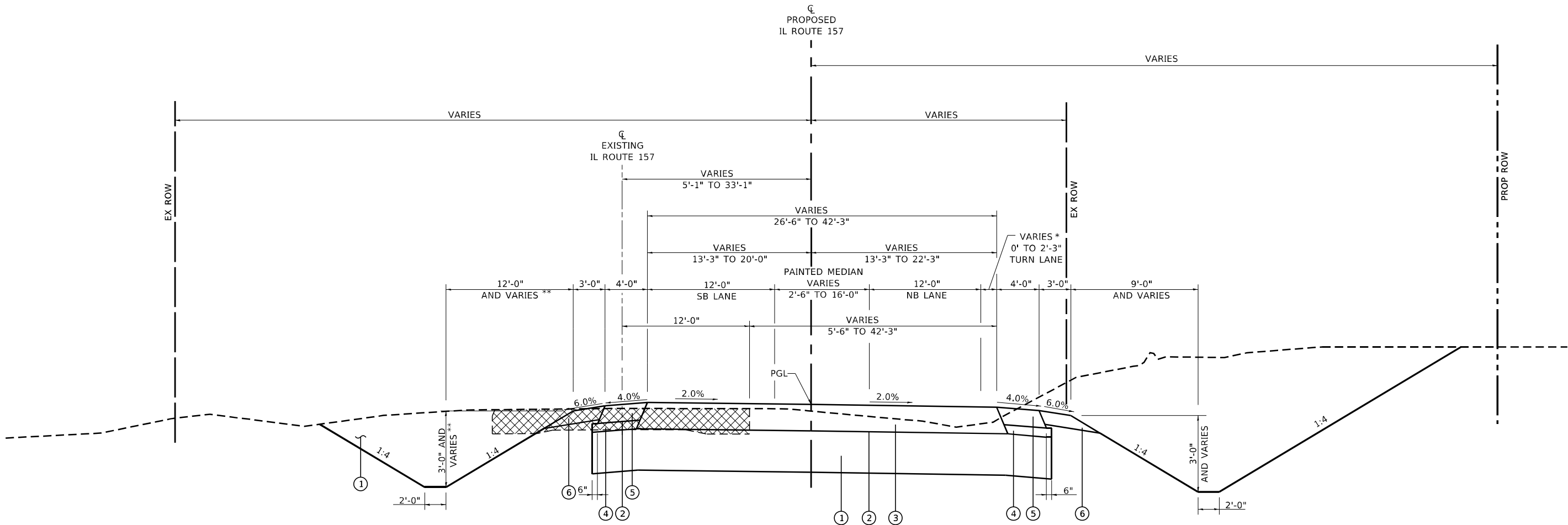
PROPOSED TYPICAL SECTIONS
IL ROUTE 157

SCALE: 1"=5' SHEET 12 OF 18 SHEETS PR Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	31
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

*586/592

FILE NAME: X:\Production\Files\2020\420-00\8\CAD\CADD Sheets\087646-shr-Typical Sections.dgn



**PROPOSED IL ROUTE 157
SUPERELEVATION SECTION**

STA 574+89.12 TO STA 578+25.00

* BEGIN TAPER STA 577+72.63
** SEE PROFILES FOR SPECIAL DITCH LOCATIONS

TRANSITION -2.0% TO 1.5%
STA 577+75.11 TO STA 579+05.11

FULL SUPERELEVATION
STA 573+01.35 TO STA 577+75.11

LEGEND

- ① IMPROVED SUBGRADE-GRANULAR MATERIAL, 24"
- ② BITUMINOUS MATERIALS (PRIME COAT)
- ③ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11"
- ④ SUBBASE GRANULAR MATERIAL, TYPE C 3"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑥ AGGREGATE SHOULDERS, TYPE B 7"
- ⑦ NO. 6 EPOXY-COATED TIE BAR, 30" LONG @ 36" CTS.
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK, 6"
- ⑨ CONCRETE GUTTER, TYPE B
- ⑩ COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- ⑪ AGGREGATE BASE COURSE, TYPE A 6"
- ⑫ PROPOSED CURB

REMOVAL



USER NAME * Linda
MODEL NAME * Typ 13
PLOT SCALE * 10,0000' / in.
PLOT DATE * 3/7/2024

DESIGNED - ESW
DRAWN - LEC
CHECKED - BRM
DATE - 10/8/2021

REVISED -
REVISED -
REVISED -
REVISED -

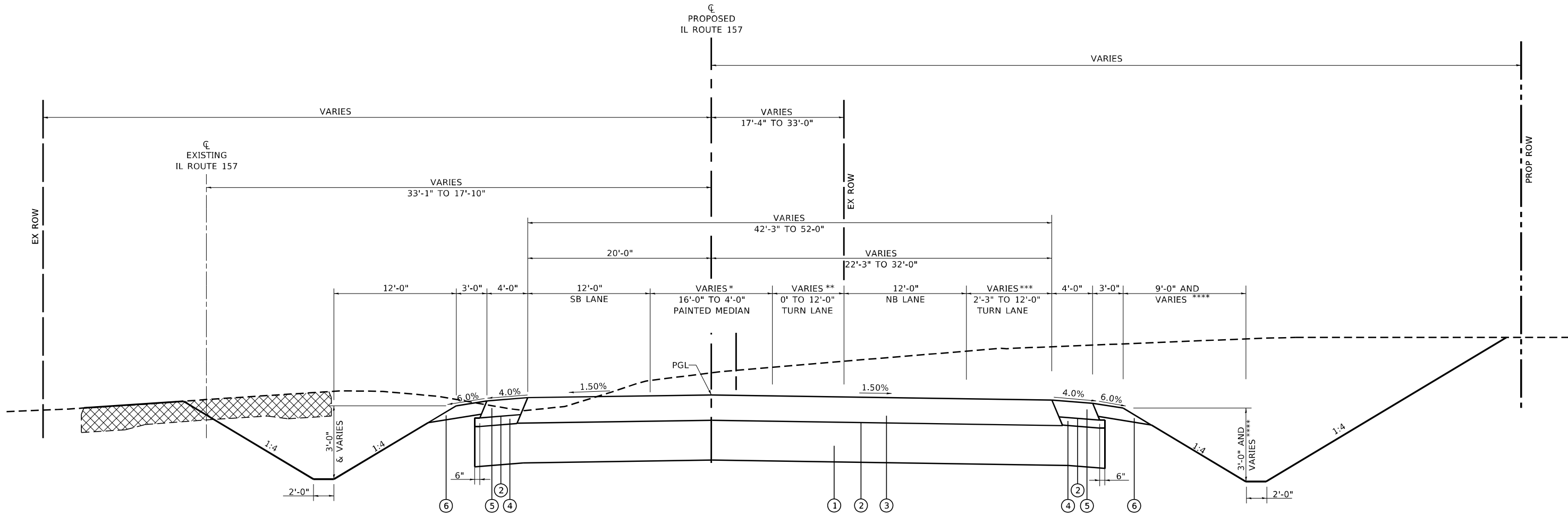
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
IL ROUTE 157**

SCALE: 1"=5' SHEET 13 OF 18 SHEETS PR Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	32
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

FILE NAME: X:\Production\Files\2020\420-00\8\CAD\CADD Sheets\0876A46-shit-Typical Sections.dgn



PROPOSED IL ROUTE 157
TANGENT SECTION

STA 578+25.00 TO STA 581+75.00

TRANSITION -2.0% TO 1.5%
STA 577+75.11 TO STA 579+05.11

LEGEND

- ① IMPROVED SUBGRADE-GRANULAR MATERIAL, 24"
- ② BITUMINOUS MATERIALS (PRIME COAT)
- ③ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11"
- ④ SUBBASE GRANULAR MATERIAL, TYPE C 3"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑥ AGGREGATE SHOULDERS, TYPE B 7"
- ⑦ NO. 6 EPOXY-COATED TIE BAR, 30" LONG @ 36" CTS.
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK, 6"
- ⑨ CONCRETE GUTTER, TYPE B
- ⑩ COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- ⑪ AGGREGATE BASE COURSE, TYPE A 6"
- ⑫ PROPOSED CURB

 REMOVAL

* FULL WIDTH PAINTED
MEDIAN STA 578+25.21

** BEGIN TAPER STA 578+25.21
TURN LANE FULL WIDTH
STA 580+05.21

*** BEGIN TAPER STA 577+72.63
TURN LANE FULL WIDTH
STA 580+12.63

**** SEE PROFILES FOR SPECIAL
DITCH LOCATIONS

PROPOSED TYPICAL SECTIONS
IL ROUTE 157

SCALE: 1"=5'

SHEET 14

OF 18

SHEETS

PR Typ Section 5 Scale

F.A.P.

RTE.

*

SECTION

51-1R

COUNTY

MADISON

TOTAL

SHEETS

296

SHEET

NO.

33

CONTRACT NO. 76A46

ILLINOIS FED. AID PROJECT

*586/592



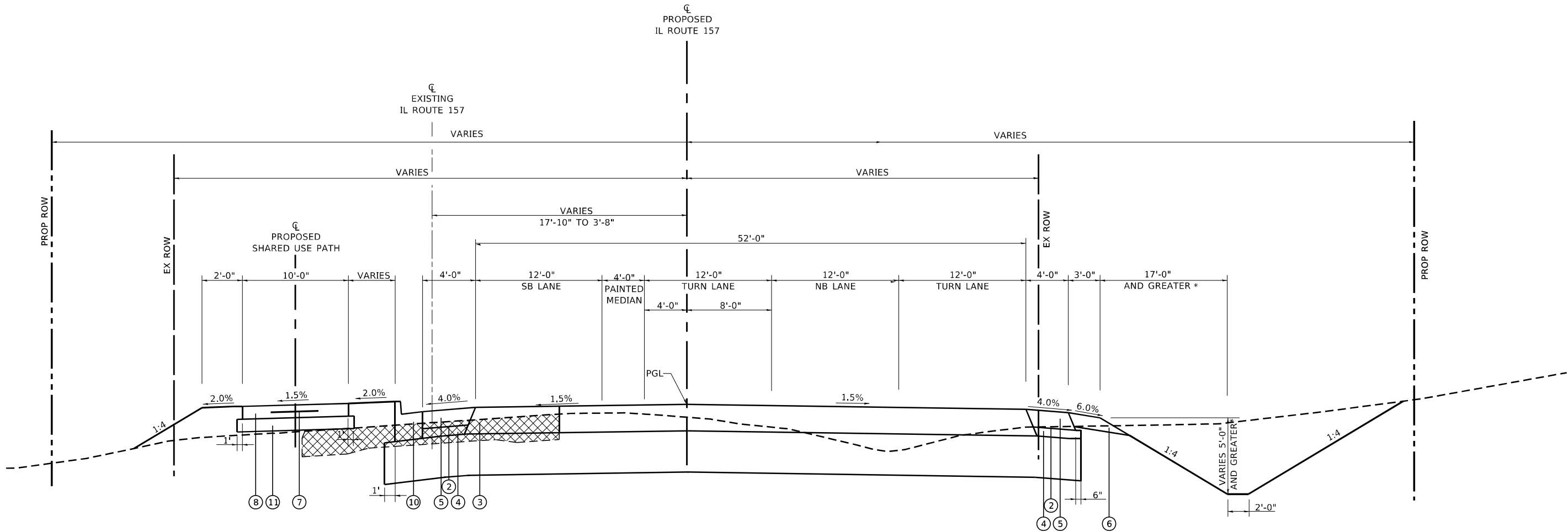
USER NAME * Linda
MODEL NAME * Typ 14
PLOT SCALE * 10,0000' / in.
PLOT DATE * 3/7/2024

DESIGNED - ESW
DRAWN - LEC
CHECKED - BRM
DATE - 10/8/2021

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FILE NAME: X:\Production\Files\2020\420-00\8\CAD\CADD Sheets\0876A46.sht-Typical Sections.dgn



PROPOSED IL ROUTE 157
TANGENT SECTION

STA 581+75.00 TO STA 583+19.69

* SEE PROFILES FOR SPECIAL DITCH LOCATIONS

LEGEND

- 1 IMPROVED SUBGRADE-GRANULAR MATERIAL, 24"
 - 2 BITUMINOUS MATERIALS (PRIME COAT)
 - 3 HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11"
 - 4 SUBBASE GRANULAR MATERIAL, TYPE C 3"
 - 5 HOT-MIX ASPHALT SHOULDERS, 8"
 - 6 AGGREGATE SHOULDERS, TYPE B 7"
 - 7 NO. 6 EPOXY-COATED TIE BAR, 30" LONG @ 36" CTS.
 - 8 PORTLAND CEMENT CONCRETE SIDEWALK, 6"
 - 9 CONCRETE GUTTER, TYPE B
 - 10 COMB. CONC. CURB AND GUTTER, TYPE B-6.24
 - 11 AGGREGATE BASE COURSE, TYPE A 6"
 - 12 PROPOSED CURB
-  REMOVAL



USER NAME	• Linda	DESIGNED	- ESW	REVISED	-
MODEL NAME	• Typ 15	DRAWN	- LEC	REVISED	-
PLOT SCALE	• 10,0000' / in.	CHECKED	- BRM	REVISED	-
PLOT DATE	• 3/7/2024	DATE	- 10/8/2021	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

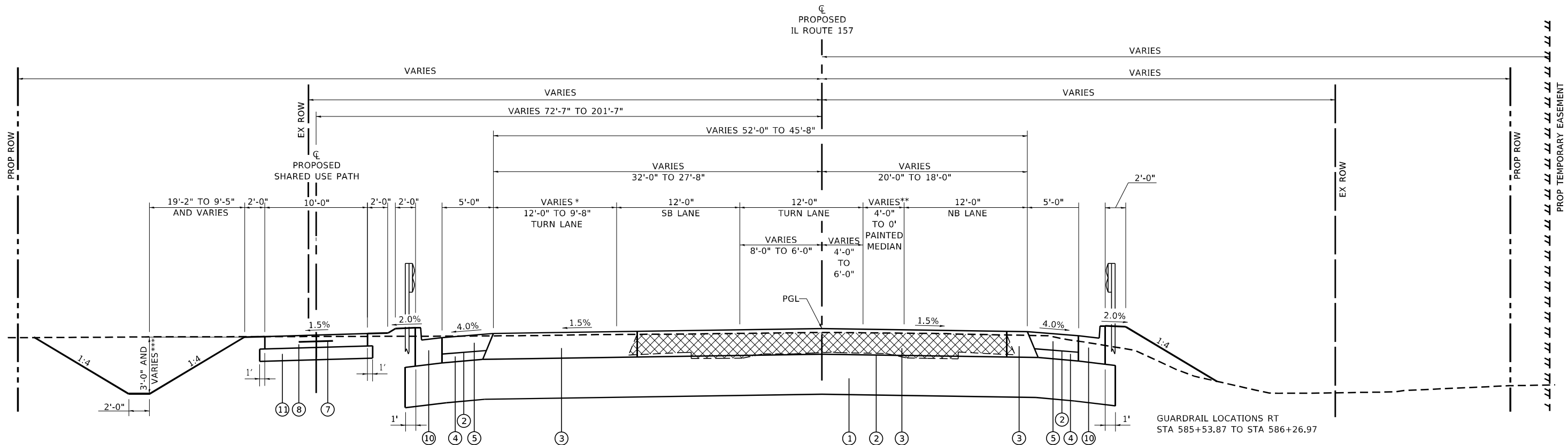
PROPOSED TYPICAL SECTIONS
IL ROUTE 157

SCALE: 1"=5' SHEET 15 OF 18 SHEETS PR Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	34
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

*586/592

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***SEE PROFILES FOR SPECIAL
DITCH LOCATIONS

* TURN LANE FULL WIDTH
ENDS STA 586+57.62

PROPOSED IL ROUTE 157 TANGENT SECTION

STA 583+19.69 TO STA 583+72.33
STA 585+67.67 TO STA 587+23.87

BRIDGE OMISSION
STA 584+02.33 TO STA 585+37.67

BRIDGE APPROACH SLAB
STA 583+72.33 TO STA 584+02.33
STA 585+37.67 TO STA 585+67.67

** MEDIAN FULL WIDTH
ENDS STA 586+23.87
TAPERS TO 0'

LEGEND

- ① IMPROVED SUBGRADE-GRANULAR MATERIAL, 24"
- ② BITUMINOUS MATERIALS (PRIME COAT)
- ③ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11"
- ④ SUBBASE GRANULAR MATERIAL, TYPE C 3"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑥ AGGREGATE SHOULDERS, TYPE B 7"
- ⑦ NO. 6 EPOXY-COATED TIE BAR, 30" LONG @ 36" CTS.
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK, 6"
- ⑨ CONCRETE GUTTER, TYPE B
- ⑩ COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- ⑪ AGGREGATE BASE COURSE, TYPE A 6"
- ⑫ PROPOSED CURB

REMOVAL



USER NAME * Linda
MODEL NAME * Typ 16
PLOT SCALE * 10,0000' / in.
PLOT DATE * 3/7/2024

DESIGNED - ESW
DRAWN - LEC
CHECKED - BRM
DATE - 10/8/2021

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
IL ROUTE 157

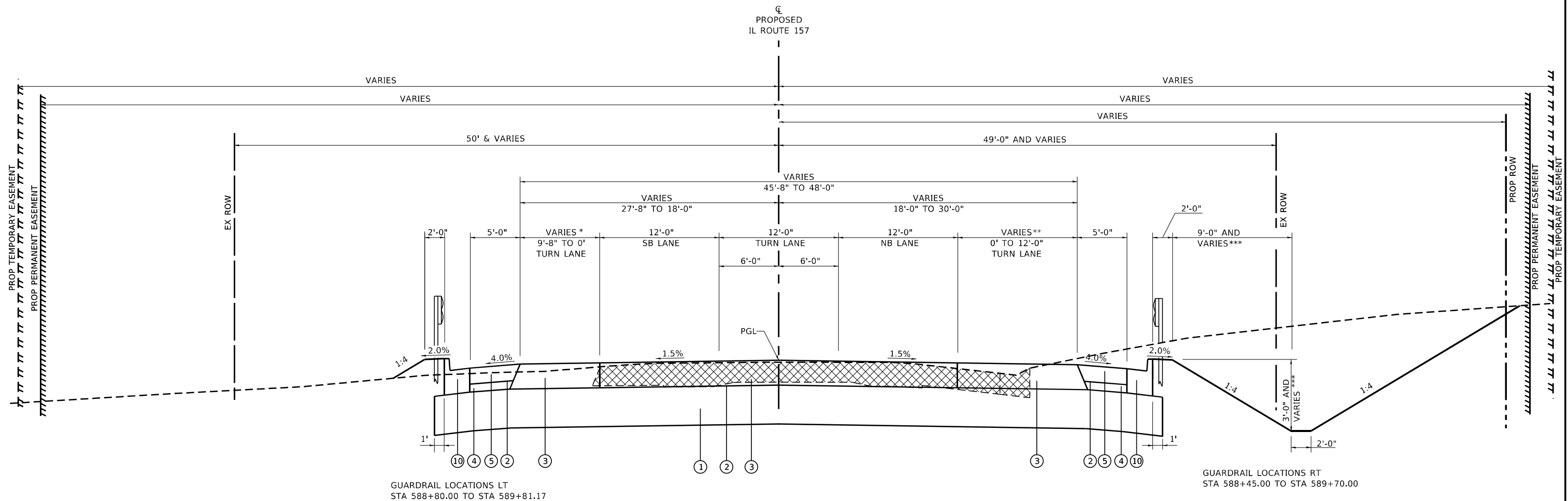
SCALE: 1"=5'

SHEET 16 OF 18 SHEETS

PR Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	35
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

*586/592



PROPOSED IL ROUTE 157 TANGENT SECTION

STA 587+23.87 TO 592+80.47

*TURN LANE TAPER
ENDS STA 588+97.62

**BEGIN TURN LANE TAPER STA 587+63.00
TURN LANE FULL WIDTH STA 590+03.00

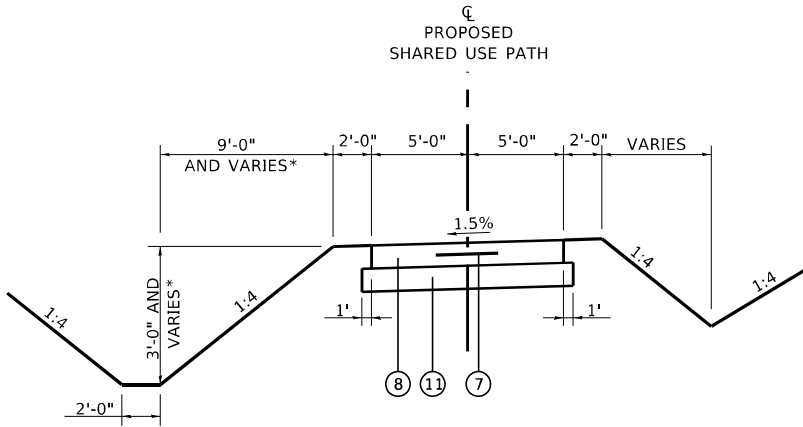
*** SEE PROFILES FOR SPECIAL DITCH LOCATIONS

LEGEND

- ① IMPROVED SUBGRADE-GRANULAR MATERIAL, 24"
- ② BITUMINOUS MATERIALS (PRIME COAT)
- ③ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11"
- ④ SUBBASE GRANULAR MATERIAL, TYPE C 3"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑥ AGGREGATE SHOULDERS, TYPE B 7"
- ⑦ NO. 6 EPOXY-COATED TIE BAR, 30" LONG @ 36" CTS.
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK, 6"
- ⑨ CONCRETE GUTTER, TYPE B
- ⑩ COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- ⑪ AGGREGATE BASE COURSE, TYPE A 6"
- ⑫ PROPOSED CURB

 REMOVAL

FILE NAME: X:\Production\Files\2020-420-0018\CAD\CADD Sheets\087646-shr-Typical Sections.dgn



PROPOSED SHARED USE
PATH SECTION

* SEE PROFILES FOR SPECIAL
DITCH LOCATIONS

SOUTHEAST SHARED USE PATH
STA 30+07.80 TO STA 31+72.31

NORTHWEST SHARED USE PATH
STA 12+15.13 TO STA 15+48.38

LEGEND

- 1 IMPROVED SUBGRADE-GRANULAR MATERIAL, 24"
- 2 BITUMINOUS MATERIALS (PRIME COAT)
- 3 HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11"
- 4 SUBBASE GRANULAR MATERIAL, TYPE C 3"
- 5 HOT-MIX ASPHALT SHOULDERS, 8"
- 6 AGGREGATE SHOULDERS, TYPE B 7"
- 7 NO. 6 EPOXY-COATED TIE BAR, 30" LONG @ 36" CTS.
- 8 PORTLAND CEMENT CONCRETE SIDEWALK, 6"
- 9 CONCRETE GUTTER, TYPE B
- 10 COMB. CONC. CURB AND GUTTER, TYPE B-6.24
- 11 AGGREGATE BASE COURSE, TYPE A 6"
- 12 PROPOSED CURB

REMOVAL



USER NAME	• Linda	DESIGNED	- ESW	REVISED	-
MODEL NAME	• Typ 18	DRAWN	- LEC	REVISED	-
PLOT SCALE	• 10,0000' / in.	CHECKED	- BRM	REVISED	-
PLOT DATE	• 3/7/2024	DATE	- 10/8/2021	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
SHARED USE PATH

SCALE: 1"=5' SHEET 18 OF 18 SHEETS PR Typ Section 5 Scale

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	37
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

MODEL: FILE NAME: C:\FEI\pds_2020\20-1581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_PN_II_DS-8-009-04 - FEI PRIME CADD\ADD_Sheet\035-017-087646-sh-Schedules.dgn

PAVING												
LOCATION	STATION TO STATION		SIDE	AGGREGATE SUBGRADE IMPROVEMENT 24"	SUBBASE GRANULAR MATERIAL, TYPE C 4"	AGGREGATE BASE COURSE, TYPE A 6"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"	AGGREGATE SHOULDERS, TYPE B 7"	HOT-MIX ASPHALT SHOULDERS, 8"	SHOULDER RUMBLE STRIPS, 8 INCH
				SQ YD	SQ YD	SQ YD	POUND	POUND	SQ YD	SQ YD	SQ YD	FOOT
IL 157	572+24.35	582+00.00	LT	2842	371	0	8893	2842	2271	267	371	638
IL 157	572+24.35	582+00.00	RT	2805	439	0	8777	2802	2238	315	439	366
IL 157	585+67.66	592+91.63	LT	2548	265	407	7973	2188	1747		265	
IL 157	585+67.66	592+91.63	RT	2819	438	0	8821	2593	2071		438	
IL 162	6+91.56	13+11.71	LT	1328	266	0	4156	1128	901	212	266	464
IL 162	6+91.56	13+11.71	RT	1282	263	0	4012	1121	896	223	263	484
IL 162	15+25.63	26+74.52	LT	3950	447	0	12360	3955	3160	332	447	269
IL 162	15+25.63	26+74.52	RT	4971	751	319	15555	4827	3885	113	751	
				22545	3240	726	70547	21456	17169	1462	3240	2221

GUARDRAIL											
LOCATION	STATION TO STATION		SIDE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 5	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A
				FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH
IL 157	585+52.66	586+26.96	RIGHT	25.0		1		1		1	4
IL 157	585+52.66	586+83.72	LEFT	50.0				1		1	4
IL 157	588+30.00	589+73.25	RIGHT	25.0	43.75				2	2	4
IL 157	588+71.30	589+79.83	LEFT	25.0	43.75	1			1	2	4
IL 162 (W)	10+31.99	13+10.43	RIGHT	200.0				1		1	4
IL 162 (W)	12+47.38	13+40.54	LEFT	25.0				1	1	1	4
IL 162 (W)	14+92.43	15+85.60	RIGHT	25.0				1	1	1	4
IL 162 (W)	15+24.94	17+89.37	LEFT	187.5			1	1			4
IL 162 (E)	19+08.12	20+84.29	LEFT	112.5				1		1	4
IL 162 (E)	24+65.00	26+89.99	RIGHT	125.0					2	2	4
				800.0	87.5	2	1	7	10	12	40

CONCRETE CURB & GUTTER											
LOCATION	STATION TO STATION		SIDE	CLASS SI CONCRETE (OUTLET)	CONCRETE GUTTER, TYPE B	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	CONCRETE MEDIAN SURFACE, 4 INCH
				CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT
IL 157	572+24.35	582+00.00	LT					16			
IL 157	572+24.35	582+00.00	RT					0			
IL 157	580+64.22	581+02.66	LT				111				
IL 157	581+16.23	581+25.10	LT			24					39
IL 157	581+40.37	581+83.60	LT				99				
IL 157	585+67.66	592+91.63	LT					612			
IL 157	585+67.66	592+91.63	RT					922			
IL 157	587+53.22	587+98.71	LT			69					
IL 157	588+28.76	588+52.27	LT			51					
IL 162 (E)			SE ISLAND						30	57	345
IL 162 (W)			NW ISLAND						26	52	217
IL 162 (W)			SW ISLAND						36	57	338
IL 162	6+91.56	13+11.71	LT					0			
IL 162	6+91.56	13+11.71	RT					0			
IL 162	15+25.63	26+74.52	LT					0			
IL 162	15+25.63	26+74.52	RT					95			
IL 162 (E)	20+78.81	26+74.70	RT	3	662						
				3	662	144	210	1645	92	166	939

LONGITUDINAL JOINT SEALANT					
LOCATION	STATION TO STATION		SIDE	OFFSET	LONGITUDINAL JOINT SEALANT
					FOOT
IL 157	572+24.35	582+84.84	RT	7.57	3181
IL 157	574+20.92	582+90.91	LT	17.42	2610
IL 157	574+21.10	582+90.91	RT	5.00	2609
IL 157	578+25.21	582+90.91	RT	20.00	1397
IL 157	582+18.30	582+74.11	LT	30.64	167
IL 157	585+27.59	592+09.88	LT	18.00	2047
IL 157	585+27.59	592+38.13	LT	6.00	2132
IL 157	585+27.59	592+62.97	RT	6.00	2206
IL 157	587+70.50	592+62.97	RT	18.00	1477
IL 162 (W)	6+91.56	10+04.09	LT	0.00	938
IL 162 (W)	10+04.09	13+15.58	LT	6.70	934
IL 162 (W)	10+04.09	13+08.48	RT	6.56	913
IL 162 (W)	15+30.94	24+34.52	LT	20.00	2711
IL 162 (W)	15+29.67	26+74.52	LT	8.00	3435
IL 162 (W)	15+21.06	26+75.33	RT	7.95	3463
IL 162 (W)	15+14.13	20+88.08	RT	19.94	1722
IL 162 (W)	17+53.24	18+31.74	RT	31.95	236
IL 162 (E)	18+65.94	19+18.30	RT	31.96	157
IL 162 (E)	18+56.42	19+62.00	LT	31.97	317
IL 162 (E)	19+40.31	20+04.24	RT	31.95	192
					32844

SIDEWALK				
LOCATION	STATION TO STATION		SIDE	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
				SQ FT
IL 157	581+70.00	582+56.90	LT	963
IL 157	583+87.06	587+37.48	LT	3327
IL 162 (E)	19+75.16	21+36.26	RT	1644
				5934

DETECTABLE WARNINGS				
LOCATION	STATION TO STATION		SIDE	DETECTABLE WARNINGS
				SQ FT
IL 157	581+70.00	582+56.90	LT	42
IL 157	583+87.06	587+37.48	LT	21
IL 162 (E)	19+75.16	21+36.26	RT	43
NW ISLAND				24
SW ISLAND				36
SE ISLAND				24
				190

EXCAVATION								
LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	EARTH / CHANNEL EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	GROSS EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	ESTIMATED % UN-USUABLE	ESTIMATED UN-USUABLE	NET EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CY	CY	CY	CY	CY		CY	CY
IL 157	16340		12255	3730	8525	50%	4262.5	4262.5
IL 162 (W)	1070		800	11240	-10440			-10440.0
IL 162 (E)	5600		4200	660	3540			3540.0
PATH	15		10	655	-645			-645.0
CHANNEL		11270	8455	575	7630	50%	3815	3815.0
TOTAL	23025	11270	25720	16860				533
							ROUNDED	535

FURNISHED EXCAVATION	
LOCATION	FURNISHED EXCAVATION
ROADWAY	535
ENVIRONMENTAL	1465
TOTAL	2000

IT IS ESTIMATED THAT UP TO 50% OF THE EXCAVATED MATERIAL ALONG IL 162 AND JUDY'S BRANCH WILL BE UNUSUABLE AS FILL. THE QUANTITY FOR FURNISHED EXCAVATION HAS BEEN ESTIMATED FOR THIS INSTANCE AND FOR THE REPLACEMENT OF MATERIAL THAT IS UNSUITABLE FOR RE-USE AS FILL.

ENTRANCES					
LOCATION	STATION	SIDE	INCIDENTAL HOT-MIX ASPHALT SURFACING	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	AGGREGATE FOR TEMPORARY ACCESS
			TON	SQ YD	TON
IL 157	572+42.49	RT	15		14.8
IL 157	574+08.76	RT	17		17.4
IL 157	579+30.93	LT	10		9.6
IL 157	586+41.01	RT	13		13.2
IL 157	586+86.97	RT	19		18.6
IL 157	587+40.96	RT	11		10.6
IL 157	587+76.87	RT	6		5.6
IL 157	588+13.84	LT		278	46.4
IL 157	589+93.32	RT	9		8.6
IL 157	589+99.67	LT	8		8.2
IL 157	590+61.79	LT	11		11.0
IL 162 (W)	11+95.06	LT	43		43.0
IL 162 (E)	21+00.00	LT	13		13.2
IL 162 (E)	21+51.18	RT	25		25.0
IL 162 (E)	26+41.37	LT	18		17.6
MAIN ST	3+59.20	RT	8		8.0
			226	278	270.8

ESTIMATED

ROW MARKERS				
LOCATION	STATION	OFFSET	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	RIGHT OF WAY AND PROPERTY CORNERS
			EACH	EACH
IL 157	572+19.34	49.15 RT	1	
IL 157	573+75.00	52.00 RT	1	
IL 157	577+72.89	79.62 RT	1	
IL 157	579+96.89	82.67 LT	1	
IL 157	580+50.00	80.00 RT		1
IL 157	580+70.56	76.55 LT		1
IL 157	581+51.80	197.77 LT		1
IL 157	581+86.52	90.14 RT		1
IL 157	582+23.84	146.84 RT		1
IL 157	584+62.90	180.00 RT		1
IL 157	585+15.00	105.00 RT		1
IL 157	585+15.00	180.00 RT		1
IL 157	585+60.00	70.00 RT		1
IL 157	586+20.00	49.18 RT		1
IL 157	587+36.85	50.72 LT		1
IL 157	587+47.83	49.29 RT		1
IL 157	589+84.17	49.50 RT		1
IL 157	589+85.61	50.50 LT		1
IL 157	589+86.80	74.50 RT		1
IL 157	592+12.69	74.7 RT		1
IL 157	592+36.16	50.28 LT		1
IL 157	592+66.87	101.18 LT		1
WEST MAIN ST.	11+20.99	39.36 RT		1
IL 162 (W)	2+73.83	39.68 LT		1
IL 162 (W)	7+67.30	216.69 RT		1
IL 162 (W)	9+48.11	119.49 LT	1	
IL 162 (W)	9+59.20	45.11 LT		1
IL 162 (W)	12+02.16	184.98 RT	1	
IL 162 (W)	12+49.25	173.81 RT		1
IL 162 (W)	12+73.09	175.38 RT		1
IL 162 (W)	13+11.32	177.91 RT		1
IL 162 (W)	13+54.72	154.68 RT		1
IL 162 (W)	14+37.21	88.31 RT		1
IL 162 (W)	14+55.00	74.00 RT		1
IL 162 (W)	15+91.52	60.39 RT		1
IL 162 (W)	16+71.64	68.18 RT	1	
IL 162 (W)	17+12.03	72.11 RT		1
IL 162 (W)	17+36.04	393.00 LT		1
IL 162 (E)	20+01.58	147.43 LT		1
IL 162 (E)	20+19.12	70.00 LT		1
IL 162 (E)	20+25.48	182.04 LT		1
IL 162 (E)	20+30.00	65.52 LT		1
IL 162 (E)	21+75.00	69.35 RT		1
IL 162 (E)	22+05.00	39.32 RT		1
IL 162 (E)	23+82.58	39.16 RT	1	
IL 162 (E)	24+94.70	44.06 LT		1
IL 162 (E)	26+25.58	43.42 LT		1
IL 162 (E)	26+26.43	39.42 LT		1
			8	40

USER NAME = \$USERS	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	39
		CONTRACT NO. 76A46		
		ILLINOIS	FED. AID PROJECT	

MODEL: FILE NAME: C:\FEI\pds_2020\20-1581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_PN_II_DS-08-009-04 - FEI PRIME.CADD.CADD_Sheets\035-017-D037646-sht-Schedules.dgn

INLET AND PIPE PROTECTION				
LOCATION	STATION	OFFSET	SIDE	INLET AND PIPE PROTECTION
				EACH
IL 157	573+92.84	29.51	RIGHT	1
IL 157	579+12.49	40.23	LEFT	1
IL 157	580+71.17	42.65	LEFT	1
IL 157	582+09.04	66.26	RIGHT	1
IL 157	582+69.40	98.32	LEFT	1
IL 157	590+08.84	36.52	LEFT	1
IL 157	590+78.41	36.58	LEFT	1
IL 162 (E)	20+28.36	43.46	RIGHT	1
IL 162 (E)	21+16.63	49.99	LEFT	1
				9

INLET FILTERS				
LOCATION	STATION	OFFSET	SIDE	INLET FILTERS
				EACH
IL 157	585+71.52	26.00	RIGHT	1
IL 157	585+72.25	38.00	LEFT	1
IL 157	586+58.30	37.00	LEFT	1
IL 157	586+61.62	25.18	RIGHT	1
IL 157	587+14.81	24.00	RIGHT	1
IL 157	587+45.54	32.30	LEFT	1
IL 157	588+00.35	25.83	RIGHT	1
IL 157	588+56.61	26.28	LEFT	1
IL 157	589+64.58	34.00	RIGHT	1
IL 157	589+71.80	24.00	LEFT	1
IL 157	590+14.11	36.00	RIGHT	1
IL 157	590+37.40	24.00	LEFT	1
IL 157	590+69.99	36.00	RIGHT	1
IL 157	590+84.40	36.00	RIGHT	1
IL 157	590+84.40	24.00	LEFT	1
IL 157	590+98.80	24.00	LEFT	1
IL 162 (W)	18+04.96	52.58	LEFT	1
IL 162 (E)	21+35.51	40.82	RIGHT	1
IL 162 (E)	21+66.45	40.74	RIGHT	1
IL 162 (E)	22+31.85	27.45	RIGHT	1
IL 162 (E)	22+90.50	26.80	RIGHT	1
IL 162 (E)	23+65.43	26.00	RIGHT	1
IL 162 (E)	24+40.33	24.53	RIGHT	1
IL 162 (E)	24+50.49	24.24	RIGHT	1
				24

TEMPORARY DITCH CHECKS			
LOCATION	STATION	SIDE	TEMPORARY DITCH CHECKS
			FOOT
IL 157	57500	LT	21
IL 157	57500	RT	37
IL 157	57600	RT	42
IL 157	57650	LT	19
IL 157	57700	RT	45
IL 157	57750	LT	20
IL 157	57800	RT	43
IL 157	57825	LT	22
IL 157	57900	LT	23
IL 157	57900	RT	42
IL 157	58000	LT	21
IL 157	58050	RT	32
IL 157	58100	RT	36
IL 157	58125	RT	37
IL 157	58150	RT	40
IL 157	58175	RT	44
IL 157	58200	RT	49
IL 157	58225	LT	26
IL 162 (W)	700	LT	14
IL 162 (W)	900	LT	17
IL 162 (W)	1050	LT	27
IL 162 (W)	1650	RT	22
IL 162 (W)	1791	RT	29
IL 162 (E)	1936	LT	55
IL 162 (E)	1950	LT	59
IL 162 (E)	1967	LT	53
IL 162 (E)	1983	LT	41
IL 162 (E)	2000	LT	30
IL 162 (E)	2025	LT	25
IL 162 (E)	2050	LT	18
IL 162 (E)	2350	LT	15
IL 162 (E)	2400	LT	15
IL 162 (E)	2450	LT	15
IL 162 (E)	2550	LT	16
			1050

SEEDING								
LOCATION	STATION TO STATION		SIDE	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2
				ACRE	POUND	POUND	POUND	ACRE
IL 157	572+24.35	579+21.44	LEFT	0.34	31	31	31	0.34
IL 157	572+24.35	572+46.75	RIGHT	0.01	1	1	1	0.01
IL 157	572+48.54	574+15.57	RIGHT	0.08	7	7	7	0.08
IL 157	574+14.88	582+47.47	RIGHT	0.79	71	71	71	0.79
IL 157	579+33.81	581+04.38	LEFT	0.10	9	9	9	0.10
IL 157	585+01.35	586+33.51	RIGHT	0.11	10	10	10	0.11
IL 157	585+29.23	587+98.48	LEFT	0.42	38	38	38	0.42
IL 157	586+47.76	586+76.52	RIGHT	0.01	1	1	1	0.01
IL 157	586+98.95	587+38.50	RIGHT	0.03	3	3	3	0.03
IL 157	587+46.92	587+71.48	RIGHT	0.02	2	2	2	0.02
IL 157	587+85.39	589+86.32	RIGHT	0.05	5	5	5	0.05
IL 157	588+27.76	589+85.70	LEFT	0.05	5	5	5	0.05
IL 157	590+00.59	592+79.88	RIGHT	0.19	17	17	17	0.19
IL 157	590+01.08	590+51.21	LEFT	0.02	2	2	2	0.02
IL 157	590+69.22	592+09.92	LEFT	0.06	5	5	5	0.06
	0+00.00	0+00.00	0+00.00	0.00	0	0	0	0.00
IL 162 (W)	6+90.57	13+45.51	RIGHT	0.35	32	32	32	0.35
IL 162 (W)	6+91.19	11+82.88	LEFT	0.28	25	25	25	0.28
IL 162 (W)	12+07.06	17+52.77	LEFT	1.65	149	149	149	1.65
IL 162 (W)	13+07.78	18+77.69	RIGHT	0.36	32	32	32	0.36
IL 162 (W)	14+91.86	17+93.46	LEFT	0.19	17	17	17	0.19
IL 162 (E)	18+97.42	20+88.01	LEFT	0.21	19	19	19	0.21
IL 162 (E)	19+89.01	21+38.00	RIGHT	0.09	8	8	8	0.09
IL 162 (E)	21+12.16	26+27.76	LEFT	0.21	19	19	19	0.21
IL 162 (E)	21+64.18	26+90.00	RIGHT	0.16	14	14	14	0.16
IL 162 (E)	26+47.45	26+74.45	LEFT	0.01	1	1	1	0.01
TOTAL				5.79	523	523	523	5.79
PAY				5.75				5.75

PERIMETER EROSION CONTROL BARRIER			
LOCATION	STATION TO STATION		PERIMETER EROSION BARRIER
			FOOT
IL 157	581+41.03	582+67.38	LEFT 153
IL 157	585+11.23	586+32.76	RIGHT 130
IL 157	586+47.76	586+76.59	RIGHT 68
IL 157	587+51.13	587+70.17	RIGHT 36
IL 157	588+13.83	589+86.32	RIGHT 187
IL 157	588+29.34	589+50.00	LEFT 146
IL 157	591+50.00	592+09.92	LEFT 60
IL 162 (W)	6+90.70	13+05.21	RIGHT 610
IL 162 (W)	10+50.00	11+77.77	LEFT 177
IL 162 (W)	14+34.73	16+50.00	RIGHT 220
IL 162 (E)	22+00.00	23+00.00	LEFT 155
			1942

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DRAINAGE STRUCTURE SCHEDULE																	
LOCATION	STRUCTURE NUMBER	STATION	OFFSET	SIDE	PRECAST REINFORCED CONCRETE FLARED END SECTIONS				MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	
					15"	18"	24"	42"									
					EACH	EACH	EACH	EACH									EACH
IL 162	1/1	19+48.6	71.8'	LT				1.0									
IL 162	2/1	19+87.30	49.7'	RT								1.0					
IL 162	2-1/1	19+73.2	96.9'	RT				1.0									
IL 162	3/1	20+28.4	43.5'	RT						1.0							
IL 162	4/1	21+35.50	40.8'	RT							1.0						
IL 162	5/1	21+66.5	40.7'	RT													1.0
IL 162	1/2	22+28.5	55.6'	LT	1.0												
IL 162	2/2	22+31.90	27.5'	RT							1.0						
IL 162	3/2	22+90.5	26.8'	RT													1.0
IL 162	4/2	23+65.4	26.0'	RT													1.0
IL 162	5/2	24+40.5	24.5'	RT													1.0
IL 162	6/2	24+50.5	24.2'	RT									1.0				
IL 157	1/3	581+87.9	70.5'	LT			1.0										
IL 157	2/3	580+72.7	43.1'	LT			1.0										
IL 157	1/4	585+72.3	96.4'	LT	1.0												
IL 157	2/4	585+72.30	38.0'	LT							1.0						
IL 157	3/4	586+57.9	37.1'	LT													1.0
IL 157	4/4	587+45.5	32.6'	LT													1.0
IL 157	5/4	588+56.6	26.3'	LT										1.0			
IL 157	1/5	585+71.6	57.9'	RT	1.0												
IL 157	2/5	585+71.70	26.0'	RT							1.0						
IL 157	3/5	586+61.6	25.2'	RT													1.0
IL 157	4/5	587+14.8	24.1'	RT													1.0
IL 157	5/5	588+00.4	25.9'	RT										1.0			
IL 162	1/6	17+74.1	63.0'	LT				1.0									
IL 162	2/6	17+81.3	41.0'	LT					1.0								
IL 162	2-1/6	18+05.0	52.6'	LT										1.0			
IL 162	3/6	18+00.0	68.1'	RT				1.0									
IL 157	1/7	589+62.5	43.8'	RT					1.0								
IL 157	2/7	589+64.60	34.0'	RT							1.0						
IL 157	3/7	590+14.0	36.0'	RT													1.0
IL 157	4/7	590+70.0	36.0'	RT											1.0		
IL 157	3/7	590+84.4	36.0'	RT										1.0			
IL 157	4/8	590+98.81	24.0'	LT								1.0					
IL 157	3/8	590+84.4	24.0'	LT											1.0		
IL 157	2/8	590+37.4	24.0'	LT													1.0
IL 157	1/8	589+71.8	24.0'	LT							1.0						
IL 157	1/9	574+27.9	29.6'	RT				1.0									
IL 157	2/9	573+92.8	29.5'	RT				1.0									
IL 157	1/10	579+43.3	40.1'	LT	1.0												
IL 157	2/10	579+12.5	40.2'	LT	1.0												
IL 157	1/11	590+08.8	36.5'	LT	1.0												
IL 157	2/11	589+79.9	37.3'	LT	1.0												
IL 157	1/12	590+78.4	36.6'	LT	1.0												
IL 157	2/12	590+42.4	37.0'	LT	1.0												
					9.0	2.0	4.0	2.0	2.0	1.0	6.0	1.0	2.0	4.0	2.0		10.0

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CULVERT AND STORM SEWER SCHEDULE															
LOCATION	FROM STRUCTURE	TO STRUCTURE	PIPE CALL OUT	PIPE CULVERTS, CLASS A, TYPE 1			STORM SEWERS, CLASS A, TYPE 1	STORM SEWERS, CLASS A, TYPE 2			STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE			STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE	
				15"	18"	24"	15"	15"	24"	42"	15"	24"	36"	24"	42"
				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
IL 162	2-1/1	2-1	A												50
IL 162	5/1	4/1	B											30	
IL 162	4/1	3/1	C									107			
IL 162	3/1	2/1	D										42		
IL 162	2/1	1/1	E							126					
IL 162	6/2	5/2	F								10				
IL 162	5/2	4/2	G								74				
IL 162	4/2	3/2	H								75				
IL 162	3/2	2/2	I								59				
IL 162	2/2	1/2	J					79							
IL 157	2/3	1/3	K		111										
IL 162	3/6	2/6	L						111						
IL 162	2-1/6	2/6	M				26								
IL 162	2/6	1/6	N						23						
IL 157	5/4	4/4	O				111								
IL 157	4/4	3/4	P				88								
IL 157	3/4	2/4	Q				86								
IL 157	2/4	1/4	R				55								
IL 157	5/5	5/4	S					86							
IL 157	4/5	3/5	T					54							
IL 157	3/5	2/5	U					90							
IL 157	2/5	1/5	V					28							
IL 157	5/7	4/7	W				14								
IL 157	4/7	3/7	X				56								
IL 157	3/7	2/7	Y				50								
IL 157	2/7	1/7	Z				10								
IL 157	2/9	1/9	BB			34									
IL 157	2/10	1/10	CC	29											
IL 157	2/11	1/11	DD	29											
IL 157	2/12	1/12	EE	36											
IL 157	4/8	3/8	FF	14											
IL 157	3/8	2/8	GG	47											
IL 157	2/8	1/8	HH	65											
IL 157	1/8	2/7	II	58											
				278	111	34	496	337	134	126	218	107	42	30	50

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PAVEMENT MARKING																											
STATION	STATION	SIDE	DESCRIPTION	THERMOPLASTIC PAVEMENT MARKING					RAISED REFLECTIVE PAVEMENT MARKERS	CURB REFLECTORS	PAINT PAVEMENT MARKING - LINE 4"	PAINT PAVEMENT MARKING CURB	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD							GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	BARRIER WALL REFLECTORS, TYPE B	BARRIER WALL REFLECTORS, TYPE C	
				LINE 6"	LINE 8"	LINE 12"	LINE 24"	LETTERS AND SYMBOLS					LINE 6"	LINE 6"	LINE 6"	LINE 8"	LINE 12"	LINE 24"	LETTERS AND SYMBOLS								
				FOOT	FOOT	FOOT	FOOT	SQ FT					FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT								
IL ROUTE 162																											
6+91.50	9+80.60	CTR	DOUBLE YELLOW	578																							
6+91.50	13+11.71	CTR/LT/RT	RAISED REFLECTIVES						21																		
9+80.60	13+11.71	LT/RT	2-DOUBLE YELLOW	1324		100																					
15+28.52	18+19.50	LT	2-DOUBLE YELLOW	1164		60																					
6+91.50	13+22.59	LT	WHITE EDGE LINES	631																							
15+54.55	18+10.77	LT	WHITE EDGE LINES	361										23					23								
6+91.50	13+01.08	RT	WHITE EDGE LINES	610																							
15+27.04	18+41.09	RT	WHITE EDGE LINES	314																							
13+01.08	15+27.04	RT	BRDG WHT EDGE LINES										226						226						4		4
13+22.59	15+54.55	LT	BRDG WHT EDGE LINES										232						232						4		4
13+11.71	15+28.52	CTR	BRDG 2-DBLE YELLOW												867		124		867			124					
15+25.68	18+19.50	LT/RT	RAISED REFLECTIVES						26																		
15+14.14	15+93.00	RT	WHITE SKIP	20																							
15+93.00	17+79.00	RT	SOLID WHITE TURN LANE	186																							
18+16.00		RT	STOP BAR				12																				
16+17.97	16+25.54	CTR	WHITE LEFT TURN ARROW					15.6																			
17+00.14	17+07.70	CTR	WHITE LEFT TURN ARROW					15.6																			
17+82.31	17+89.87	CTR	WHITE LEFT TURN ARROW					15.6																			
16+18.26	16+25.81	RT	WHITE RIGHT TURN ARROW					15.6																			
17+00.44	17+08.00	RT	WHITE RIGHT TURN ARROW					15.6																			
17+82.63	17+90.19	RT	WHITE RIGHT TURN ARROW					15.6																			
15+21.00	15+93.00	RT	WHITE SKIP	18																							
15+93.00	18+35.00	RT	SOLID WHITE TURN LANE	242																							
18+35.00		RT	STOP BAR				12																				
17+80.00		RT	SWISLAND +MISC		207	107				16		99															
18+36.63		RT	STOP BAR				18																				
16+93.13	18+10.77	LT	SHOULDER STRIPING			101											26				26						
18+46.88		AR	CROSS WALK			103																					
19+08.26	26+74.52	LT	WHITE EDGE LINES	829																							
19+63.52	26+74.52	RT	WHITE EDGE LINES	836																							
19+69.69	20+66.63	RT	SHOULDER STRIPING			106																					
19+00.74		LT	NE PAINTED ISLAND + MISC		72	21																					
19+11.00		LT	STOP BAR				18																				
19+12.41	19+45.33	LT	SHOULDER STRIPING			34																					
19+26.00		LT	STOP BAR				12																				
19+31.00	21+94.52	LT	SOLID WHITE TURN LANE	264																							
19+52.07	26+74.50	CTR/LT/RT	RAISED REFLECTIVES						51																		
21+94.52	24+34.52	LT	WHITE SKIP	60																							
19+66.83	19+74.39	LT	WHITE RIGHT TURN ARROW					15.6																			
20+64.27	20+71.83	LT	WHITE RIGHT TURN ARROW					15.6																			
21+61.72	21+69.27	LT	WHITE RIGHT TURN ARROW					15.6																			
19+66.71	19+74.27	CTR	WHITE LEFT TURN ARROW					15.6																			
20+63.77	20+71.33	CTR	WHITE LEFT TURN ARROW					15.6																			
21+60.84	21+68.40	CTR	WHITE LEFT TURN ARROW					15.6																			
19+49.00		CTR	STOP BAR				12																				
19+26.00	21+94.52	LT	SOLID WHITE TURN LANE	269																							
21+94.52	23+74.52	LT	WHITE SKIP	45																							
19+49.00	26+74.52	RT/LT	2-DOUBLE YELLOW	2902		201																					
CAROLL DRIVE																											
8+87.40	9+63.17	CTR	2-DOUBLE YELLOW	303		47																					
SW PATH (IL RT 157 STATIONING)																											
581+66.16	582+50.18	LT	YELLOW SKIP DASH								21																
NW PATH (IL RT 157 STATIONING)																											
583+91.88	587+37.49	LT	YELLOW SKIP DASH								124			40						40							
SE PATH (IL RT 162 STATIONING)																											
19+77.26	21+34.13	RT	YELLOW SKIP DASH								39																
SUBTOTAL				10956	279	880	84	187.2	98	16	184	99	458	40	890	0	150	0	0	1388	0	150	0	0	8		8



USER NAME * JoeKovarik
MODEL NAME * Sch 01
PLOT SCALE * 10.0000"/in.
PLOT DATE * 3/8/2024

DESIGNED - ESW
DRAWN - LEC
CHECKED - BRM
DATE - 10/8/2021

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
PAVEMENT MARKING

SCALE: NTS SHEET 6 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	43
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

FILE NAME: \\Joeh-Joe\cost\Production\Files\2020\428-0018-CAD\CADD Sheets\0876A46-gh1-Schedule.dgn

PAVEMENT MARKING																											
STATION	STATION	SIDE	DESCRIPTION	THERMOPLASTIC PAVEMENT MARKING					RAISED REFLECTIVE PAVEMENT MARKERS	CJRB REFLECTORS	PAINT PAVEMENT MARKING - LINE 4"	PAINT PAVEMENT MARKING CURB	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD							GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	BARRIER WALL REFLECTORS, TYPE B	BARRIER WALL REFLECTORS, TYPE C	
				LINE 6"	LINE 8"	LINE 12"	LINE 24"	LETTERS AND SYMBOLS					LINE 6"	LINE 6"	LINE 6"	LINE 8"	LINE 12"	LINE 24"	LETTERS AND SYMBOLS								
				FOOT	FOOT	FOOT	FOOT	SQ FT					EACH	EACH	FOOT	FOOT	FOOT	FOOT	FOOT								FOOT
IL ROUTE 157																											
572+24.35	580+41.00	LT	WHITE EDGE LINES	817																							
582+05.91	582+64.55	LT	WHITE EDGE LINES	59																							
572+24.35	582+55.76	RT	WHITE EDGE LINES	1103																							
572+24.35	574+25.00	CTR	DOUBLE YELLOW	401																							
574+25.00	582+58.00	CTR	2-DOUBLE YELLOW	3332		289																					
572+24.35	582+49.00	CTR/LT/RT	RAISED REFLECTIVES						59																		
577+86.21	580+12.63	RT	WHITE SKIP	57																							
578+25.21	580+05.21	RT	WHITE SKIP	45																							
580+05.21	582+66.04	RT	SOLID WHITE TURN LANE	261																							
580+12.63	582+19.82	RT	SOLID WHITE TURN LANE	207																							
580+30.41	580+37.93	CTR	WHITE LEFT TURN ARROW					15.6																			
581+20.47	581+28.30	CTR	WHITE LEFT TURN ARROW					15.6																			
582+10.63	582+18.14	CTR	WHITE LEFT TURN ARROW					15.6																			
580+29.51	580+36.87	RT	WHITE RIGHT TURN ARROW					15.6																			
581+19.44	581+27.10	RT	WHITE RIGHT TURN ARROW					15.6																			
582+09.89	582+17.28	RT	WHITE RIGHT TURN ARROW					15.6																			
582+45.00		RT	STOP BAR				12																				
582+66.00		RT	STOP BAR				12																				
582+20.00		RT	SOLID WHITE SE ISLAND+MISC		181	119				18		103															
582+56.00		RT	STOP BAR				18																				
582+80.00		AR	CROSS WALK			104																					
582+52.29	582+77.01	RT	CROSS WALK			64																					
582+60.59	582+88.76	LT	CROSSWALK			56																					
582+04.00	582+54.55	RT	SHOULDER STRIPING			28																					
583+45.20		LT	SOLID WHITE NW ISLAND+MISC		73	42				16		91				96	33			96	33						
583+66.18	583+86.90	LT	BRDG CROSS WALK			15											52				52						
583+72.00		LT	STOP BAR				12																				
583+82.12	584+34.34	LT	BRDG SHOULDER STRIPING														76				76						
583+82.12	585+67.66	LT	BRDG WHITE EDGE LINES										272						272								
585+67.66	592+09.91	LT	WHITE EDGE LINES	642																				4		4	
583+72.33	585+67.66	RT	BRDG WHITE EDGE LINES										201						201								
585+67.66	592+23.54	RT	WHITE EDGE LINES	656																				4		4	
584+18.02	585+67.66	LT	BRDG SOLID WHITE TURN LN										150						150								
585+67.66	586+57.61	LT	SOLID WHITE TURN LANE	90																							
583+76.90		LT	BRDG STOP BAR															18				18					
583+71.55	585+67.66	LT	BRDG SOLID WHITE TURN LN										196						196								
585+67.66	586+63.86	LT	SOLID WHITE TURN LANE	96																							
583+88.86		CTR	BRDG STOP BAR															12				12					
583+82.28	585+67.66	RT	BRDG 2-DOUBLE YELLOW													742			742				34				
583+83.00	585+67.66		BRDG SINGLE YELLOW															34				34					
585+67.66	587+23.86	RT	2-DOUBLE YELLOW	625																							
585+67.66	586+72.31		SINGLE YELLOW			19																					
586+57.61	588+97.61	LT	WHITE SKIP	60																							
584+09.84	584+17.40	LT	BRDG WHT RT TURN ARROW																					15.6			
585+20.42	585+27.97	LT	BRDG WHT RT TURN ARROW																					15.6			
586+30.99	586+38.55	LT	WHITE RIGHT TURN ARROW					15.6																			
584+31.30	584+38.86	CTR	BRDG WHT LT TURN ARROW																					15.6			
585+19.30	585+26.85	CTR	BRDG WHT LT TURN ARROW																					15.6			
586+29.60	586+37.16	CTR	WHITE LEFT TURN ARROW					15.6																			
585+67.66	592+50.00	LT/RT	RAISED REFLECTIVES						48																		
587+23.86	590+28.60	LT/RT	SOLID/SKIP DASH YELLOW -2	152																							
587+23.86	590+28.60	CTR	SOLID YELLOW-2 & BIDI SYMBOLS	609				93.6																			
587+62.92	590+03.00	RT	WHITE SKIP	60																							
590+03.00	592+61.91	RT	SOLID WHITE TURN LANE	259																							
590+29.61	590+37.17	RT	WHITE RIGHT TURN ARROW					15.6																			
591+13.91	591+21.55	RT	WHITE RIGHT TURN ARROW					15.6																			
592+03.91	592+11.55	RT	WHITE RIGHT TURN ARROW					15.6																			
592+64.00		RT	STOP BAR				12																				
590+88.60	592+64.31	RT	SOLID WHITE TURN LANE	176																							
591+13.60	591+21.16	CTR	WHITE LEFT TURN ARROW					15.6																			



USER NAME	JoeKovarik	DESIGNED	ESW	REVISED
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FILE NAME: \\loeb-loc\cost\Production\Files\2020\120-00\B\CAD\CADD Sheets\0876A46-rt-Schedule.dgn

REMOVALS														
LOCATION		PAVEMENT REMOVAL	DRIVEWAY REMOVAL	GUTTER REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	MEDIAN REMOVAL	PAVED SHOULDER REMOVAL	GUARDRAIL REMOVAL	RETAINING WALL REMOVAL	CONCRETE PAD REMOVAL	BRIDGE APPROACH SHOULDER REMOVAL	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL	APPROACH SLAB REMOVAL	FENCE REMOVAL
STATION (TO STATION)	ROADWAY	(SQ YD)	(SQ YD)	(FOOT)	(FOOT)	(SQ YD)	(SQ YD)	(FOOT)	(SQ FT)	(SQ FT)	(SQ YD)	(SQ YD)	(SQ YD)	(FOOT)
8+72.66 TO 9+24.33	CARROLL			52										
8+84.55 TO 9+28.48	CARROLL			44										
9+25.00 TO 9+63.60	CARROLL	224												
10+24.94 TO 10+70.74	MAIN			46										
10+84.42 TO 11+10.67	MAIN											31		
11+99.64 TO 12+03.11	IL 162			83										
12+15.95 TO 13+78.82	IL 162								207					
12+56.73 TO 13+73.88	IL 162													117
16+66.68 TO 16+70.50	IL 162													42
19+03.68 TO 26+74.52	IL 162						271							
19+66.74 TO 19+91.73	IL 162											55		
20+05.64 TO 20+65.88	IL 162									1604				
20+83.26 TO 21+15.11	IL 162											117		
21+17.30 TO 21+88.48	IL 162		23									270		
223+74.18 TO 235+10.50	EX IL 162	4083												
233+31.15 TO 234+87.01	EX IL 162					1253								
238+65.50 TO 246+27.15	EX IL 162	2152												
572+33.26 TO 583+89.35	EX IL 157	3621												
572+39.60 TO 572+54.73	IL 157											91		
573+97.11 TO 574+22.29	IL 157											108		
576+70.83 TO 577+41.25	IL 157								70					
579+15.35 TO 579+39.47	IL 157		17											
579+81.50 TO 580+83.40	IL 157						74							
580+60.00 TO 580+73.51	IL 157									1056				
581+49.71 TO 583+95.99	IL 157						267							
582+18.96 TO 584+09.07	IL 157							190						
583+19.94 TO 584+23.73	IL 157							138						
583+38.19 TO 583+96.07	IL 157						38							
583+89.35 TO 584+09.29	IL 157												61	
583+94.81 TO 584+09.30	IL 157										14			
583+96.09 TO 584+09.27	IL 157										11			
585+30.48 TO 585+49.85	IL 157												68	
585+30.53 TO 585+43.13	IL 157										13			
585+30.46 TO 585+43.32	IL 157										7			
585+30.68 TO 586+30.05	IL 157							99						
585+31.24 TO 585+67.69	IL 157							125						
585+43.13 TO 592+80.48	EX IL 157	3416												
585+43.22 TO 592+52.68	IL 157						360							
586+67.53 TO 586+87.59	IL 157							20						
586+76.71 TO 587+01.98	IL 157											108		
587+48.14 TO 588+64.64	IL 157		251											
587+72.91 TO 587+99.90	IL 157				61									
587+85.45 TO 589+68.21	IL 157							183						
588+27.76 TO 588+54.59	IL 157				56									
588+54.98 TO 589+75.25	IL 157							1125						
589+62.63 TO 589+91.78	IL 157			29										
589+84.02 TO 590+10.75	IL 157											62		
590+01.59 TO 592+51.82	IL 157			250										
590+40.32 TO 590+73.28	IL 157											82		
590+89.71 TO 591+83.70	IL 157						25							
591+83.77 TO 591+09.91	IL 157			26										
TOTAL		13496	291	530	117	1253	1035	1880	277	2660	45	924	129	159

TREE REMOVAL					
LOCATION			TREE REMOVAL		
			ACRES	(6 TO 15 UNITS DIAMETER) (UNIT)	(OVER 15 UNITS DIAMETER) (UNIT)
STATION (TO STATION)	SIDE	ROADWAY	(ACRE)		
9+75 TO 18+47	RT/LT	IL 162	2.25		
22+04.38	Rt	IL 162			44
580+28.86	RT	IL 157			30
582+14.89	LT	IL 157			26
582+61.44	LT	IL 57		10	
582+88.76	LT	IL 157			22
582+90.23	LT	IL 157			20
582+90.86	LT	IL 57		8	
582+97.70	LT	IL 57		6	
583+01.33	LT	IL 157			30
583+04.22	LT	IL 57		6	
583+40 TO 585+10	RT/LT	IL 157	0.27		
585+40.18	RT	IL 157			35
585+63.31	RT	IL 157			26
585+64.08	RT	IL 57		12	
585+78.35	RT	IL 57		9	
586+05.16	RT	IL 157			22
590+51.88	RT	IL 157			34
SUBTOTAL			2.52	51	289
PAY TOTAL			3.00	51	289

BUILDING REMOVAL					
LOCATION			BUILDING REMOVAL		
			NO.1	NO.2	NO.3
STATION	SIDE	ROADWAY	L SUM	L SUM	L SUM
13+82.67	RT	IL ROUTE 162	1		
15+01.36	RT	IL ROUTE 162		1	
15+72.46	RT	IL ROUTE 162			1
PAY TOTAL			1	1	1



USER NAME	Jordan Pettibone
MODEL NAME	Sch 03
PLOT SCALE	10,0000' / in.
PLOT DATE	11/21/2024

DESIGNED	ESW
DRAWN	LEC
CHECKED	BRM
DATE	10/8/2021

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES REMOVAL, TREE REMOVAL			
SCALE: NTS	SHEET 8 OF 10 SHEETS	Schedules	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	45
		CONTRACT NO. 76A46		
		ILLINOIS	FED. AID PROJECT	

FILE NAME: \\lochl-joe\cost\Production\Files\2020\428-0018\CADD_Sheets\0876A46-sht-Schedule.sgn

SIGNING														
LOCATION			MUTCD LEGEND	SIGN	SIGN DIMENSIONS	SIGN PANEL TYPE 1	SIGN PANEL TYPE 2	REMOVE SIGN PANEL ASSEMBLY TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY TYPE B EACH	RELOCATE SIGN PANEL ASSEMBLY TYPE A EACH	RELOCATE SIGN PANEL ASSEMBLY TYPE B EACH	TELESCOPING STEEL SIGN SUPPORT FOOT	BASE FOR TELESCOPING STEEL SIGN SUPPORT EACH	WOOD SIGN SUPPORT FOOT
STATION	SIDE	ROADWAY	SIGN NO.	DESCRIPTION	(IN. X IN.)	SQ FT	SQ FT							
7+00	LT	IL 162	R2-1	SPEED LIMIT	24 x 30	5.00						14.50		
7+00	RT	IL 162	R2-1	SPEED LIMIT	24 x 30	5.00						14.50		
7+91	RT	IL 162		STOP AHEAD	30 x 30			1						
9+00	LT	Carrol	W-14	DEAD END	30 x 30	6.25						14.50		
9+25	LT	Carrol		STREET SIGNS	24 x 12					1				
9+50	RT	IL 162	W3-3	SIGNAL AHEAD	30 x 30	6.25						14.50		
9+61	RT	Carrol	R1-1	STOP SIGN	30 x 30	6.30						14.50		
10+28	RT	IL 162		JUNCTION	21 x 15			1						
10+28	LT	IL 162		LOVE ILLINOIS	30 x 36						1			
11+50	RT	IL 162	M2-1	JUNCTION	21 x 15	2.19						15.25		
11+50	RT	IL 162	M1-H100	ROUTE SIGN	30 x 24	5.00								
12+75	RT	IL 162	D1-2	DESTINATION SIGN	48 x 54		18.00							34.00
12+90	LT	IL 162		WEST	24 x 12			1						
				ROUTE SIGN	30 x 24									
13+58	LT	IL 162		ROUTE SIGN	30 x 24			1						
				RIGHT ARROW	21 x 15									
13+71	LT	IL 162		DESTINATION SIGN	48 x 30				1					
				SPEED LIMIT	24 x 30									
15+47	LT	W BIKE	R1-1	STOP SIGN	24 x 24	4.00						14.00		
15+47	RT	W BIKE	W	CYCLIST DISMOUNT	18 x 18	2.25						15.00		
			R5-3	NO MOTOR VEHICLES	18 x 18	2.25								
15+02	RT	IL 162		DESTINATION SIGN	48 x 54				1					
15+70	LT	IL 162	D2-1	DESTINATION SIGN	48 x 54		18.00							34.00
15+93	RT	IL 162	R3-H100	RIGHT TURN LANE	30 x 24	5.00						14.00		
16+18	LT	IL 162		KEEP RIGHT	24 x 30			1						
16+70	LT	IL 162	M3-4	CARDINAL DIRECTION	24 x 12	2.00						15.00		
16+70	LT	IL 162	M1-H100	ROUTE SIGN	30 x 24	5.00								
17+46	LT	IL 162		KEEP RIGHT	24 x 30			1						
17+53	RT	IL 162	M1-H100	ROUTE SIGN	30 x 24	5.00								
17+53	RT	IL 162	M6-4	DIRECTIONAL ARROW	21 x 15	2.19								
17+53	RT	IL 162	M3-2	CARDINAL DIRECTION	24 x 12	2.00								
17+53	RT	IL 162	M1-H100	ROUTE SIGN	30 x 24	5.00								
17+53	RT	IL 162	M6-3	DIRECTIONAL ARROW	21 x 15	2.19								
17+72	LT	IL 162		ROUTE SIGN	30 x 24				1					
				DIRECTIONAL ARROW	21 x 15									
				ROUTE SIGN	30 x 24									
				RIGHT ARROW	21 x 15									
19+27	LT	IL 162		STOP SIGN	30 x 30				1					
				ROUTE SIGN	30 x 24									
				DIRECTIONAL ARROW	21 x 15									
				ROUTE SIGN	30 x 24									
				RIGHT ARROW	21 x 15									
19+62	LT	IL 162	M1-H100	ROUTE SIGN	30 x 24	5.00								
19+62	LT	IL 162	M6-4	DIRECTIONAL ARROW	21 x 15	2.19								
19+62	LT	IL 162	M3-4	CARDINAL DIRECTION	24 x 12	2.00								
19+62	LT	IL 162	M1-H100	ROUTE SIGN	30 x 24	5.00								
19+62	LT	IL 162	M6-3	DIRECTIONAL ARROW	21 x 15	2.19								
19+97	LT	IL 162		NO PASSING ZONE	48 x 36				1					
21+30	RT	IL 162	R5-3	NO MOTOR VEHICLES	24 x 24	4.00						14.00		
21+30	RT	IL 162	R1-1	STOP SIGN	18 x 18	2.25						15.00		
21+30	RT	IL 162	W	CYCLIST DISMOUNT	18 x 18	2.25								
21+74	LT	IL 162		DESTINATION SIGN	48 x 54				1					
21+74	RT	IL 162		STOP SIGN	30 x 30			1						
21+75	RT	IL 162	R1-1	STOP SIGN	30 x 30	6.25						14.50		
21+95	LT	IL 162	R3-H100	RIGHT TURN LANE	30 x 24	5.00						14.00		
22+00	RT	IL 162	M3-2	CARDINAL DIRECTION	24 x 12	2.00						15.00		
22+00	RT	IL 162	M1-H100	ROUTE SIGN	30 x 24	5.00								
23+60	LT	IL 162		ROUTE SIGN	30 x 24			1						
				RIGHT ARROW	21 x 15									
22+74	RT	IL 162		LOVE ILLINOIS	30 x 36					1				
				ADOPT A HIGHWAY	30 x 18									
24+15	LT	IL 162	D1-2	DESTINATION SIGN	48 x 54		18.00							34.00
25+55	RT	IL 162		JUNCTION	21 x 15			1						
				ROUTE SIGN	30 x 24									
25+57	RT	IL 162		DESTINATION SIGN	48 x 30				1					
				SPEED LIMIT	24 x 30									
25+60	LT	IL 162	M2-1	JUNCTION	21 x 15	2.19						15.25		
25+60	LT	IL 162	M1-H100	ROUTE SIGN	30 x 24	5.00								
26+00	RT	IL 162	R2-1	SPEED LIMIT	24 x 30	5.00								
26+00	RT	IL 162	D2-2	DESTINATION SIGN	48 x 54		18.00							39.00
26+75	LT	IL 162	R2-1	SPEED LIMIT	24 x 30	5.00						14.50		
30+00	LT	IL 162	W3-3	SIGNAL AHEAD	30 x 30	6.25						14.50		
31+23	LT	IL 162		STOP AHEAD	30 x 30			1						
SUBTOTAL						139.44	72.00	10	7	2	1	262.50	0	174.50



USER NAME	• JoeKovarik	DESIGNED	- ESW	REVISED	-
MODEL NAME	• Sch 04	DRAWN	- LEC	REVISED	-
PLOT SCALE	• 10,0000"/in.	CHECKED	- BRM	REVISED	-
PLOT DATE	• 3/8/2024	DATE	- 10/8/2021	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
SIGNING

SCALE: NTS	SHEET 9 OF 10 SHEETS	Schedules
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	46
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

FILE NAME: \\Loch-Joe\cscat\Production\Files\2020\420-00\B\CADD\CADD Sheets\0876A46-gh-Schedule.dgn

SIGNING																
LOCATION			MUTCD LEGEND	SIGN	SIGN DIMENSIONS			SIGN PANEL TYPE 1	SIGN PANEL TYPE 2	REMOVE SIGN PANEL ASSEMBLY TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY TYPE B EACH	RELOCATE SIGN PANEL ASSEMBLY TYPE A EACH	RELOCATE SIGN PANEL ASSEMBLY TYPE B EACH	TELESCOPING STEEL SIGN SUPPORT FOOT	BASE FOR TELESCOPING STEEL SIGN SUPPORT EACH	WOOD SIGN SUPPORT FOOT
STATION	SIDE	ROADWAY	SIGN NO.	DESCRIPTION	(IN.	X	IN.)	SQ FT	SQ FT							
573+00	RT	IL 157	R2-1	SPEED LIMIT	24	x	30	5.00						14.50		
573+00	LT	IL 157	R2-1	SPEED LIMIT	24	x	30	5.00						14.50		
574+50	RT	IL 157	W3-3	SIGNAL AHEAD	30	x	30	6.25						14.50		
575+92	RT	IL 157		SPEED LIMIT	24	x	30			1						
576+06	LT	IL 157		SPEED LIMIT	24	x	30			1						
578+00	RT	IL 157	D1-2	DESTINATION SIGN	48	x	54		18.00							34.00
578+71	RT	IL 157		DESTINATION SIGN	48	x	54				1					
580+00	LT	IL 157	M1-1100	ROUTE SIGN	30	X	24	5.00						15.00		
580+00	LT	IL 157	M-3	CARDINAL DIRECTION	24	X	12	2.00								
580+13	RT	IL 157	R3-1100	RIGHT TURN LANE	30	X	24	5.00						14.00		
580+82	LT	IL 157		STOP SIGN	30	x	30			1						
581+43	LT	IL 157		DEAD END	30	x	30			1						
581+82	LT	IL 157	R1-1	STOP SIGN	18	x	18	2.25						15.00		
581+82	LT	IL 157	W	CYCLIST DISMOUNT	18	x	18	2.25								
581+83	LT	IL 157	R5-3	NO MOTOR VEHICLES	24	x	24	4.00						14.00		
581+95	RT	IL 157	M1-1100	ROUTE SIGN	30	x	24	5.00								16.75
581+95	RT	IL 157	M6-4	DIRECTIONAL ARROW	21	x	15	2.19								
581+95	RT	IL 157	M3-1	CARDINAL DIRECTION	24	x	12	2.00								
581+95	RT	IL 157	M1-1100	ROUTE SIGN	30	x	24	5.00								
581+95	RT	IL 157	M6-3	DIRECTIONAL ARROW	21	x	15	2.19								
581+96	LT	IL 157		SOUTH	24	x	12			1						
				ROUTE 157	30	x	24									
582+33	RT	IL 157	R5-3	NO MOTOR VEHICLES	24	x	24	4.00						14.00		
582+35	LT	IL 157	R5-3	NO MOTOR VEHICLES	24	x	24	4.00						14.00		
582+38	RT	IL 157		ROUTE SIGN	30	x	24				1					
				STRAIGHT ARROW	21	x	15									
				WEST	24	x	12									
				ROUTE SIGN	30	x	24									
				RIGHT ARROW	21	x	15									
				EAST	24	x	12									
				ROUTE SIGN	30	x	24									
				LEFT ARROW	21	x	15									
582+51	RT	IL 157	D3-1	STREET NAME	30	x	8	1.67						14.17	1	
582+51	RT	IL 157	R1-1	STOP SIGN	18	x	18	2.25								
582+51	LT	IL 157	D3-1	STREET NAME	30	x	8	1.67						9.17		
582+51	LT	IL 157	R1-1	STOP SIGN	18	x	18	2.25								
582+62	LT	IL 157	W	CYCLIST DISMOUNT	18	x	18	2.25						13.50		
583+29	LT	IL 157		TWO DIRECTION ARROW	48	x	24			1						
583+66	LT	IL 157		ROUTE SIGN	30	x	24				1					
				LEFT ARROW	21	x	15									
				ROUTE SIGN	30	x	24									
				STRAIGHT ARROW	21	x	15									
583+71	RT	IL 157		WEIGHT LIMIT	36	x	24			1						
583+90	LT	IL 157	D3-1	STREET NAME	30	x	8	1.67						14.17		
583+90	LT	IL 157	R1-1	STOP SIGN	18	x	18	2.25								
583+90	LT	IL 157	W	CYCLIST DISMOUNT	18	x	18	2.25								
584+12	LT	IL 157	R5-3	NO MOTOR VEHICLES	24	x	24	4.00						14.00		
585+41	RT	IL 157		ROUTE SIGN	30	x	24				1					
				LEFT ARROW	21	x	15									
				ROUTE SIGN	30	x	24									
				STRAIGHT ARROW	21	x	15									
585+70	LT	IL 157	M1-1100	ROUTE SIGN	30	x	24	5.00								16.75
585+70	LT	IL 157	M6-4	DIRECTIONAL ARROW	21	x	15	2.19								
585+70	LT	IL 157	M3-1	CARDINAL DIRECTION	24	x	12	2.00								
585+70	LT	IL 157	M1-1100	ROUTE SIGN	30	x	24	5.00								
585+70	LT	IL 157	M6-3	DIRECTIONAL ARROW	21	x	15	2.19								
585+90	RT	IL 157	M3-1	CARDINAL DIRECTION	24	x	12	2.00						15.00		
585+90	RT	IL 157	M1-1100	ROUTE SIGN	30	x	24	5.00								
585+93	RT	IL 157		TWO-DIRECTION ARROW	48	x	24			1						
586+16	RT	IL 157		STOP LIGHT AHEAD	30	x	30			1						
586+58	LT	IL 157	R3-1100	RIGHT TURN LANE	30	x	24	5.00						14.00		
586+87	LT	IL 157		EAST	24	x	12				1					
				ROUTE SIGN	30	x	24									
				LEFT ARROW	21	x	15									
				WEST	24	x	12									
				ROUTE SIGN	30	x	24									
				RIGHT ARROW	21	x	15									
				ROUTE SIGN	30	x	24									
				STRAIGHT ARROW	21	x	15									
587+84	LT	IL 157		STOP SIGN	30	x	30			1						
587+85	LT	IL 157	R1-1	STOP SIGN	30	x	30	6.30						14.50		
588+65	LT	IL 157	R3-1100	RIGHT TURN LANE	30	X	24	5.00						14.00		
589+30	RT	IL 157		SPEED LIMIT	24	x	30			1						
589+35	LT	IL 157		PARK-RIDE	30	x	36						1			
				HIGH ARROW	21	x	15									
589+65	RI	IL 157	R2-1	SPEED LIMIT	24	x	30	5.00						14.50		
589+65	LT	IL 157	D1-2	DESTINATION SIGN	48	x	54		18.00							34.00
590+10	RT	IL 157	R3-1100	RIGHT TURN LANE	30	x	24	5.00						14.00		
590+75	RT	IL 157		DESTINATION SIGN	48	x	18						1			
				DESTINATION SIGN	48	x	18									
				DESTINATION SIGN	48	x	18									
				DESTINATION SIGN	48	x	18									
				DESTINATION SIGN	48	x	18									
591+30	LT	IL 157		DESTINATION SIGN	48	x	54				1					
SUBTOTAL								131.07	36.00	11	6	0	2	280.50	1	101.50
PAY TOTAL								271.00	108.00	21	13	2	3	543	1	276.00



USER NAME • JoeKovarik
MODEL NAME • Sch 05
PLOT SCALE • 10,0000' / in.
PLOT DATE • 3/8/2024

DESIGNED - ESW
DRAWN - LEC
CHECKED - BRM
DATE - 10/8/2021

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
SIGNING

SCALE: NTS SHEET 10 OF 10 SHEETS Schedules

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	47
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

*586/592

PROP. CURVE J12
PI STA. = 10+20.26
 Δ = 14° 37' 45" (RT)
D = 5° 22' 48"
R = 1,065.00'
T = 136.71'
L = 271.92'
E = 8.74'
e = 6.00%
T.R. = 38.50'/50.00'
S.E. RUN = 154.00'/198.00'
P.C. STA. = 8+83.56
P.T. STA. = 11+55.48
NORTHING = 755,247.4896
EASTING = 2,342,922.3888

PROP. CURVE J2
PI STA. = 27+85.26
 Δ = 29° 06' 01" (RT)
D = 3° 49' 57"
R = 1,494.96'
T = 388.02'
L = 759.28'
E = 49.53'
e = 5.40%
T.R. = 38.30'/57.60'
S.E. RUN = 143.00'/215.00'
P.C. STA. = 23+97.24
P.T. STA. = 31+56.52
NORTHING = 755,359.0000
EASTING = 2,344,685.3500

PROP. CURVE C50
PI STA. = 575+42.97
 Δ = 6° 02' 42" (RT)
D = 1° 10' 44"
R = 4,860.00'
T = 256.62'
L = 512.76'
E = 6.77'
e = 2.00%
T.R. = 33.00'/56.00'
S.E. RUN = 44.00'/74.00'
P.C. STA. = 572+86.35
P.T. STA. = 577+99.11
NORTHING=754,536.7338
EASTING = 2,343,769.8182

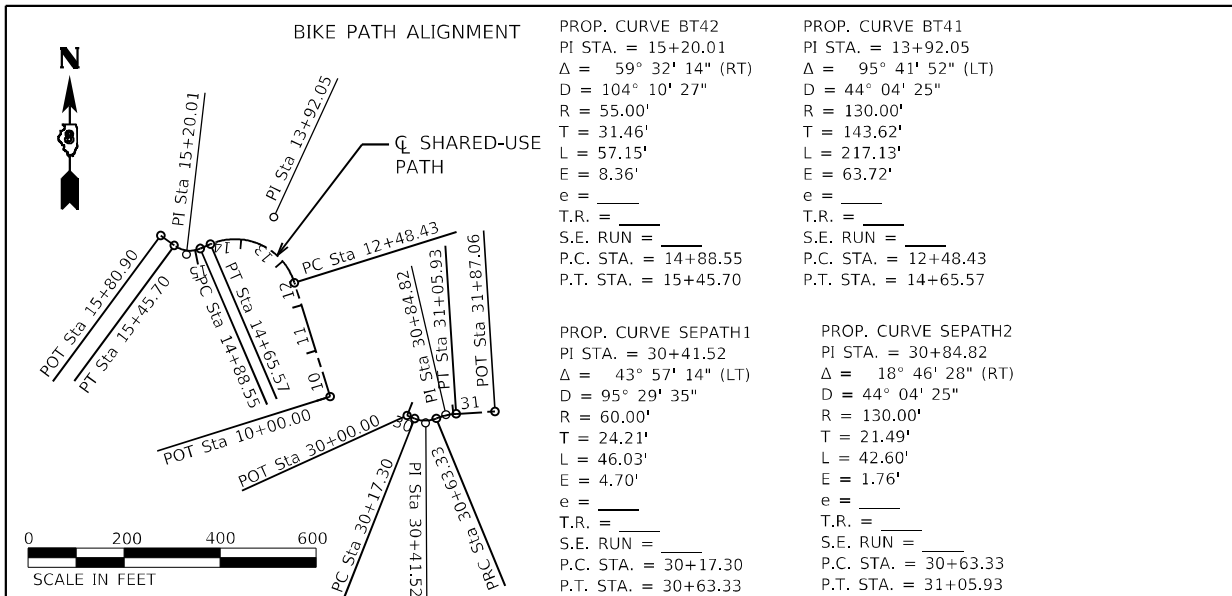
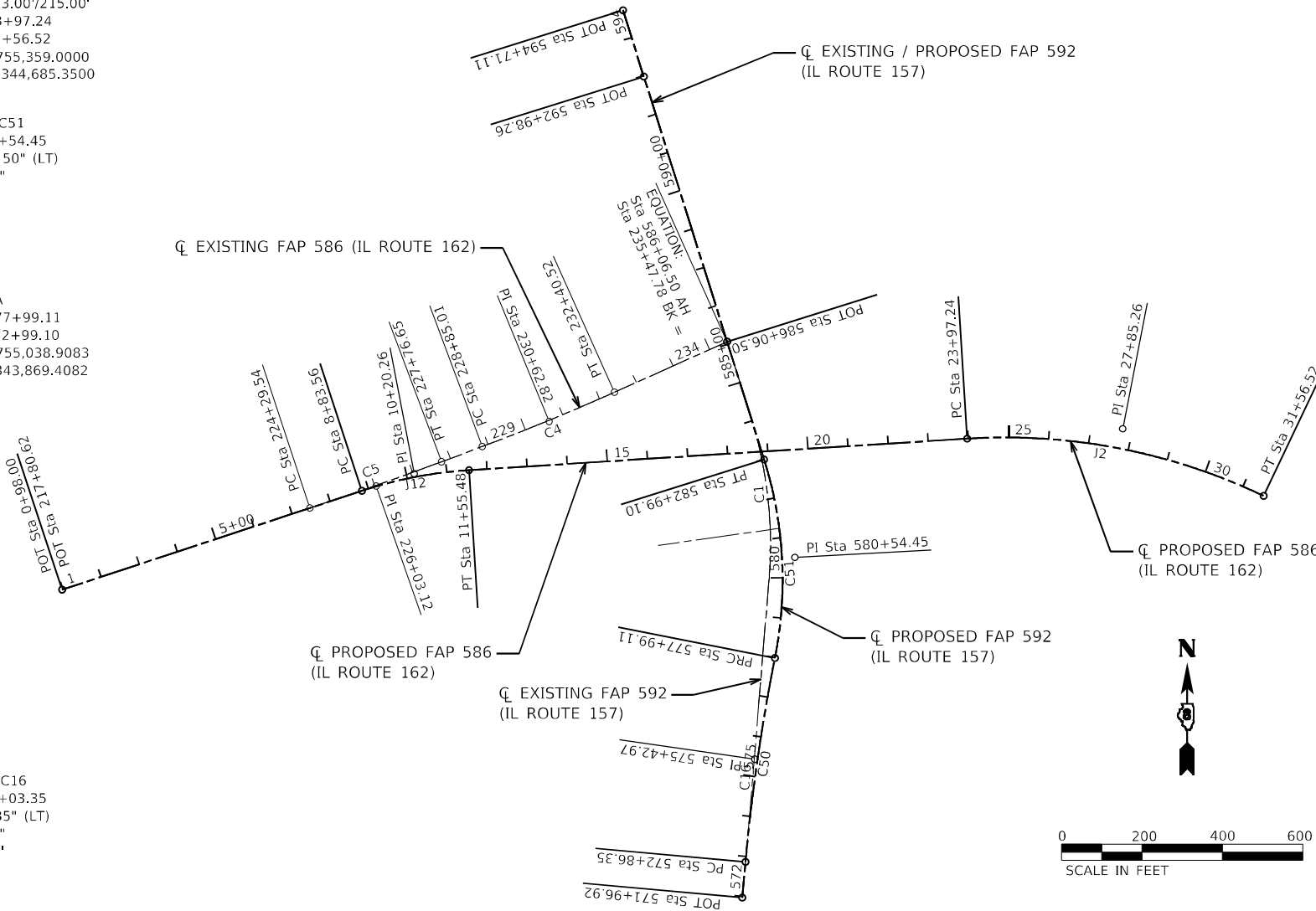
PROP. CURVE C51
PI STA. = 580+54.45
 Δ = 28° 38' 50" (LT)
D = 5° 43' 46"
R = 1,000.00'
T = 255.34'
L = 499.99'
E = 32.08'
e = NC
T.R. = NA
S.E. RUN = NA
P.C. STA. = 577+99.11
P.T. STA. = 582+99.10
NORTHING = 755,038.9083
EASTING = 2,343,869.4082

EXIST. CURVE C1
PI STA. = 582+06.56
 Δ = 22° 07' 33" (LT)
D = 5° 25' 55"
R = 1,054.82'
T = 206.24'
L = 407.34'
E = 19.97'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 580+00.32
P.T. STA. = 584+07.66
NORTHING = 755,189.3250
EASTING = 2,343,822.1851

EXIST. CURVE C16
PI STA. = 574+03.35
 Δ = 0° 28' 35" (LT)
D = 0° 10' 37"
R = 32,368.60'
T = 134.55'
L = 269.09'
E = 0.28'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 572+68.81
P.T. STA. = 575+37.90
NORTHING = 754,388.8087
EASTING = 2,343,756.4293

EXIST. CURVE C4
PI STA. = 230+62.82
 Δ = 3° 41' 32" (LT)
D = 1° 02' 19"
R = 5,516.68'
T = 177.82'
L = 355.51'
E = 2.87'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 228+85.01
P.T. STA. = 232+40.52
NORTHING = 755,377.1400
EASTING = 2,342,827.6400

EXIST. CURVE C5
PI STA. = 226+03.12
 Δ = 2° 14' 08" (LT)
D = 0° 38' 39"
R = 8,896.47'
T = 173.58'
L = 347.11'
E = 1.69'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 224+29.54
P.T. STA. = 227+76.65
NORTHING = 755,216.2500
EASTING = 2,343,822.1851



CREEK ALIGNMENT

EXIST. CURVE CHAN01
PI STA. = 1+16.48
 Δ = 26° 11' 08" (LT)
D = 50° 15' 34"
R = 114.00'
T = 26.51'
L = 52.10'
E = 3.04'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 0+89.97
P.T. STA. = 1+42.07

EXIST. CURVE CHAN02
PI STA. = 2+60.58
 Δ = 19° 47' 45" (LT)
D = 76° 23' 40"
R = 75.00'
T = 13.09'
L = 25.91'
E = 1.13'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 2+47.50
P.T. STA. = 2+73.41

EXIST. CURVE CHAN03
PI STA. = 3+87.69
 Δ = 41° 02' 00" (RT)
D = 52° 05' 13"
R = 110.00'
T = 41.16'
L = 78.78'
E = 7.45'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 3+46.52
P.T. STA. = 4+25.30

EXIST. CURVE CHAN04
PI STA. = 4+70.73
 Δ = 33° 11' 39" (RT)
D = 121° 54' 21"
R = 47.00'
T = 14.01'
L = 27.23'
E = 2.04'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 4+56.72
P.T. STA. = 4+83.95

EXIST. CURVE CHAN05
PI STA. = 5+62.13
 Δ = 30° 35' 45" (LT)
D = 28° 38' 52"
R = 200.00'
T = 54.71'
L = 106.80'
E = 7.35'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 5+07.43
P.T. STA. = 6+14.23

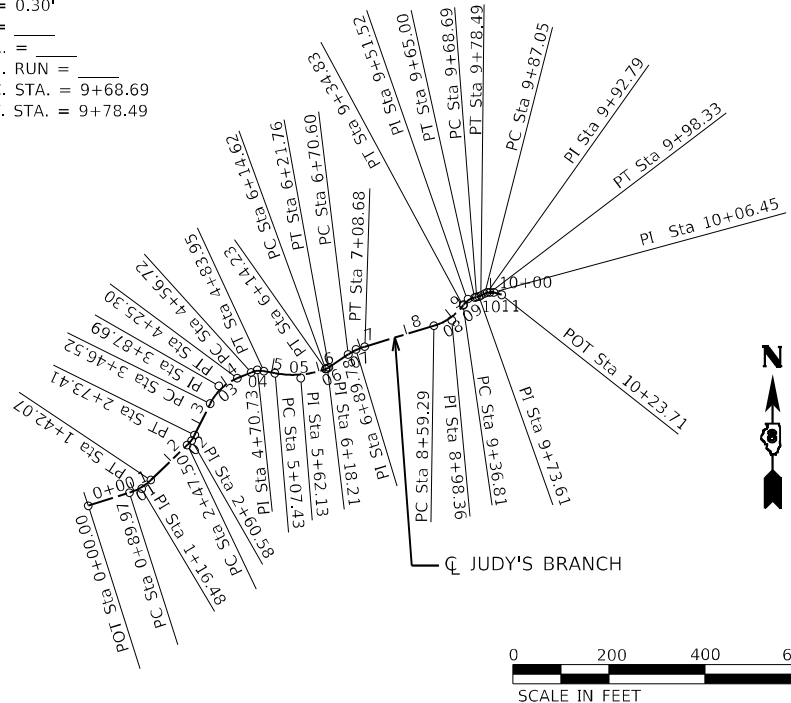
EXIST. CURVE CHAN06
PI STA. = 6+18.21
 Δ = 13° 38' 56" (LT)
D = 190° 59' 09"
R = 30.00'
T = 3.59'
L = 7.15'
E = 0.21'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 6+14.62
P.T. STA. = 6+21.76

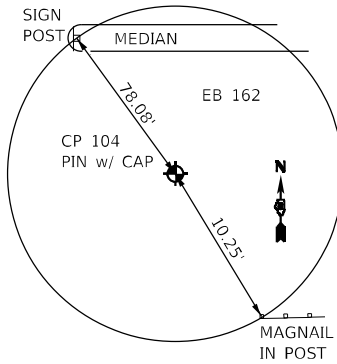
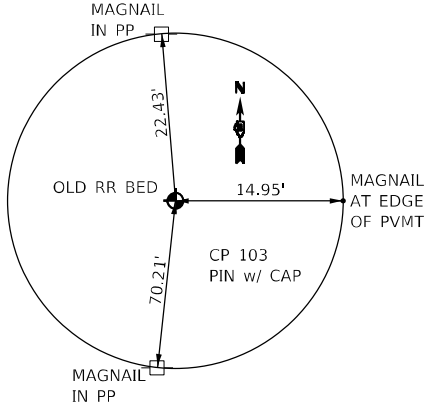
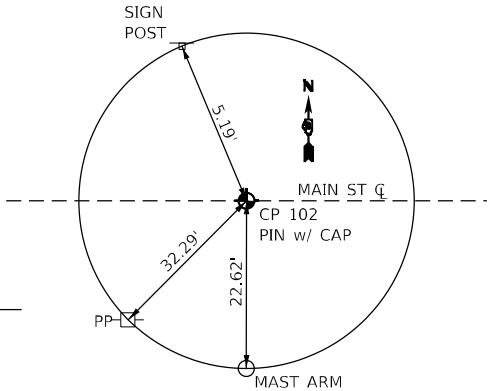
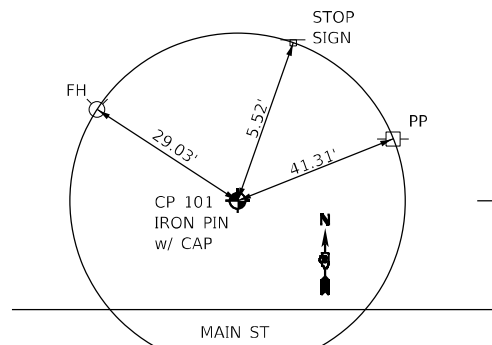
EXIST. CURVE CHAN07
PI STA. = 6+89.78
 Δ = 16° 46' 56" (RT)
D = 44° 04' 25"
R = 130.00'
T = 19.18'
L = 38.08'
E = 1.41'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 6+70.60
P.T. STA. = 7+08.68

EXIST. CURVE CHAN08
PI STA. = 8+98.36
 Δ = 36° 03' 56" (LT)
D = 47° 44' 47"
R = 120.00'
T = 39.07'
L = 75.54'
E = 6.20'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 8+59.29
P.T. STA. = 9+34.83

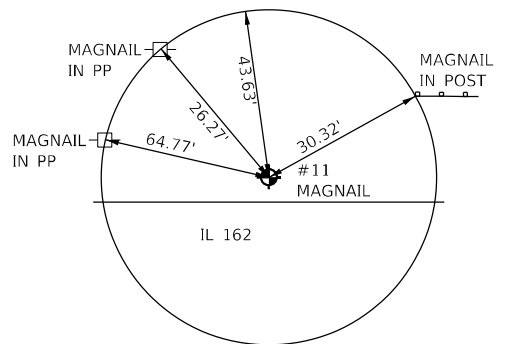
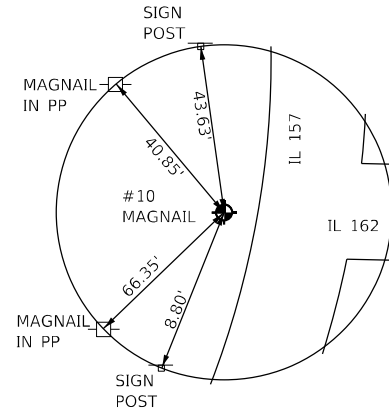
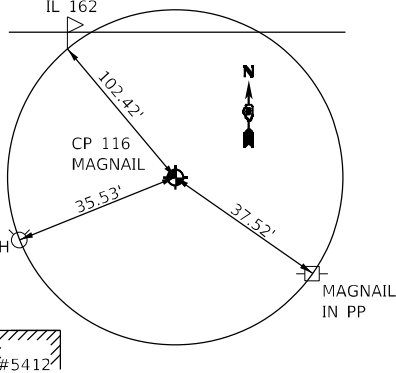
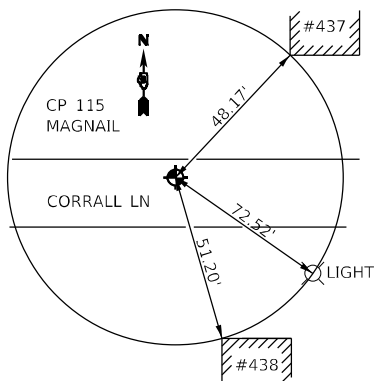
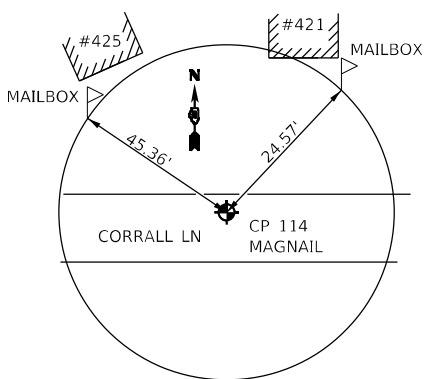
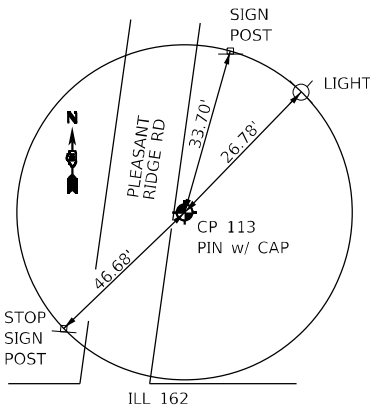
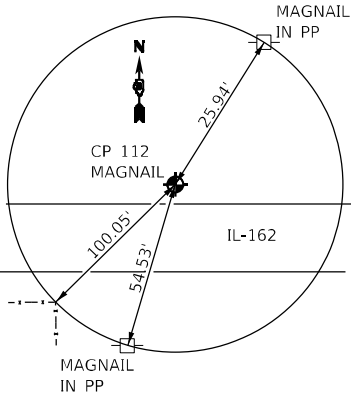
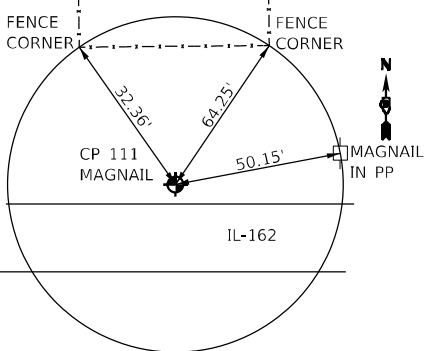
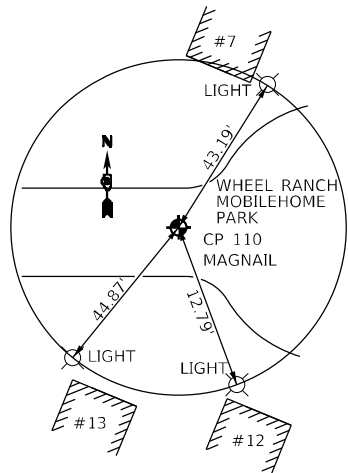
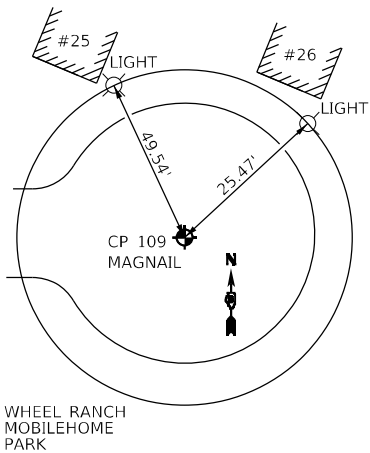
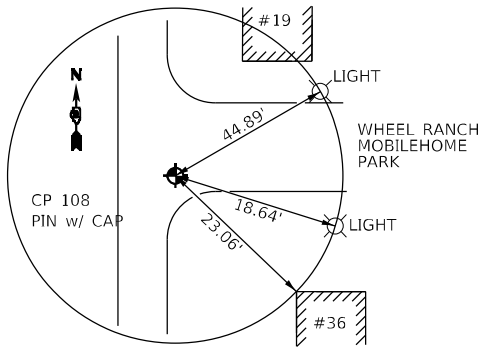
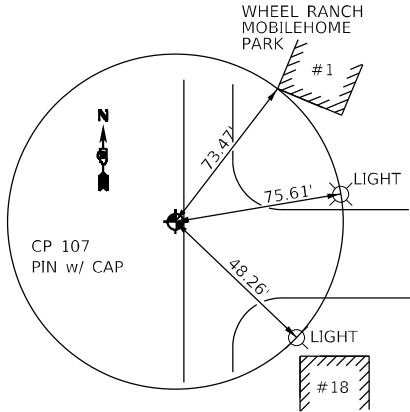
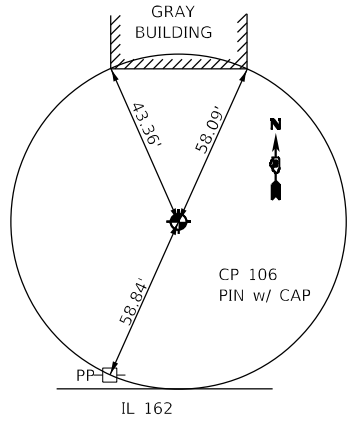
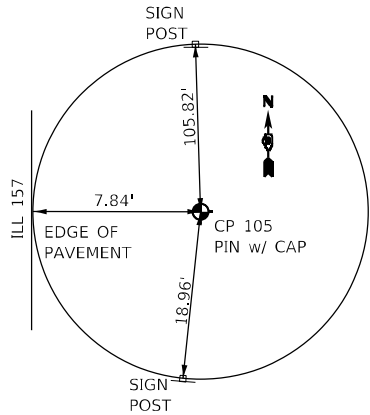
EXIST. CURVE CHAN09
PI STA. = 9+51.52
 Δ = 40° 23' 00" (RT)
D = 143° 14' 22"
R = 40.00'
T = 14.71'
L = 28.19'
E = 2.62'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 9+36.81
P.T. STA. = 9+65.00

EXIST. CURVE CHAN10
PI STA. = 9+73.61
 Δ = 14° 02' 36" (LT)
D = 143° 14' 22"
R = 40.00'
T = 4.93'
L = 9.80'
E = 0.30'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 9+68.69
P.T. STA. = 9+78.49





- BENCHMARKS**
- BM1 SET RR SPIKE IN POWER POLE @ WEST SIDE OF IL157, ± 465 SOUTH OF CARROLL LANE. ELEV: 450.094
- BM 2 FOUND CUT "□" ON SW CORNER OF TRAFFIC SIGNAL CONTROLLER BOX FOUNDATION @ WEST SIDE OF IL157 AT MAIN STREET INTERSECTION (GLEN CARBON) ELEV: 448.960
- BM3 SET RR SPIKE IN POWER POLE @ NW CORNER OF IL162 & ENTRANCE TO AMEREN IP SUBSTATION, ± 750 EAST OF IL157 ELEV: 448.960
- BM 4A FOUND CUT "□" (WITH +) ON TOP OF PARAPET WALL @ NW CORNER OF IL157/162 BRIDGE (SN060-0087) OVER JUDY BRANCH CREEK. ELEV: 449.226
- BM 5 SET RR SPIKE IN POWER POLE @ NORTH SIDE OF IL162, ± 760' WEST OF IL157. ELEV: 438.589
- BM 6 SET RR SPIKE IN POWER POLE @ SOUTH SIDE OF IL162 AND NW CORNER OF GLEN CARBON WATER TREATMENT PLANT. ELEV: 438.231
- BM 7 SET RR SPIKE IN LIGHT POLE @ NE CORNER OF IL162 & PLEASANT RIDGE RD. ELEV: 464.606



MODEL: Default
FILE NAME: C:\Users\jgibbs\OneDrive\Documents\2020\20-1581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_PN_II_DS-08-009-04 - FEI PRIME\CADD\CADD_Sheets\1045-D875446-arc-Three-Point-Tie.dgn
DATE: 6/26/2024



USER NAME = ggayt	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 6/26/2024	CHECKED -	REVISED -
	DATE -	REVISED -

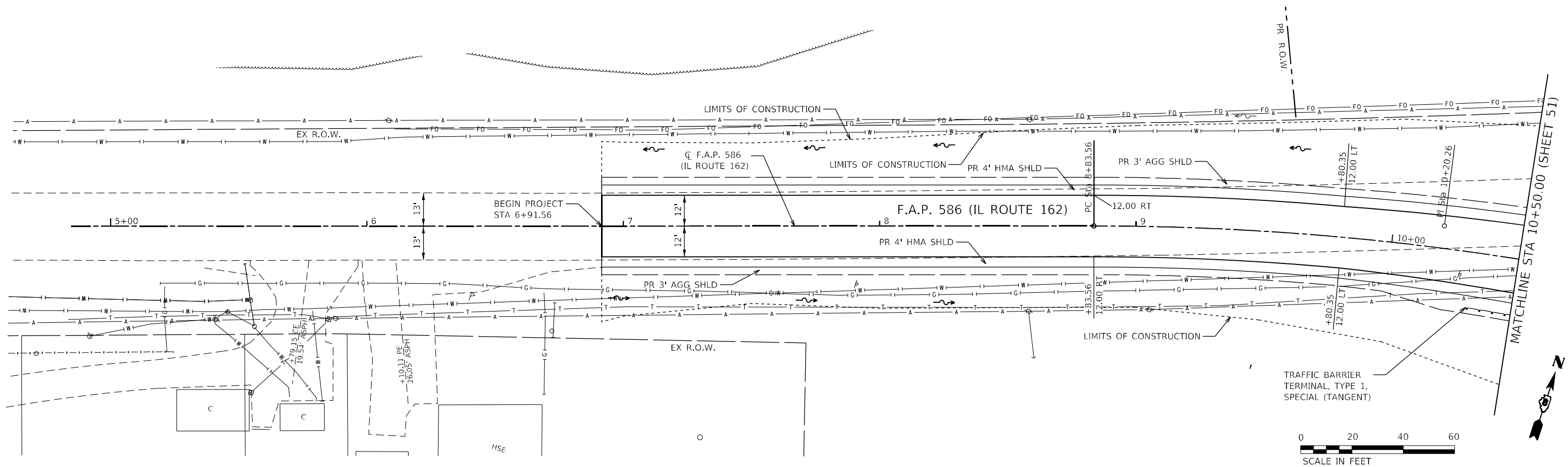
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

3 POINT TIES AND BENCHMARK INFORMATION

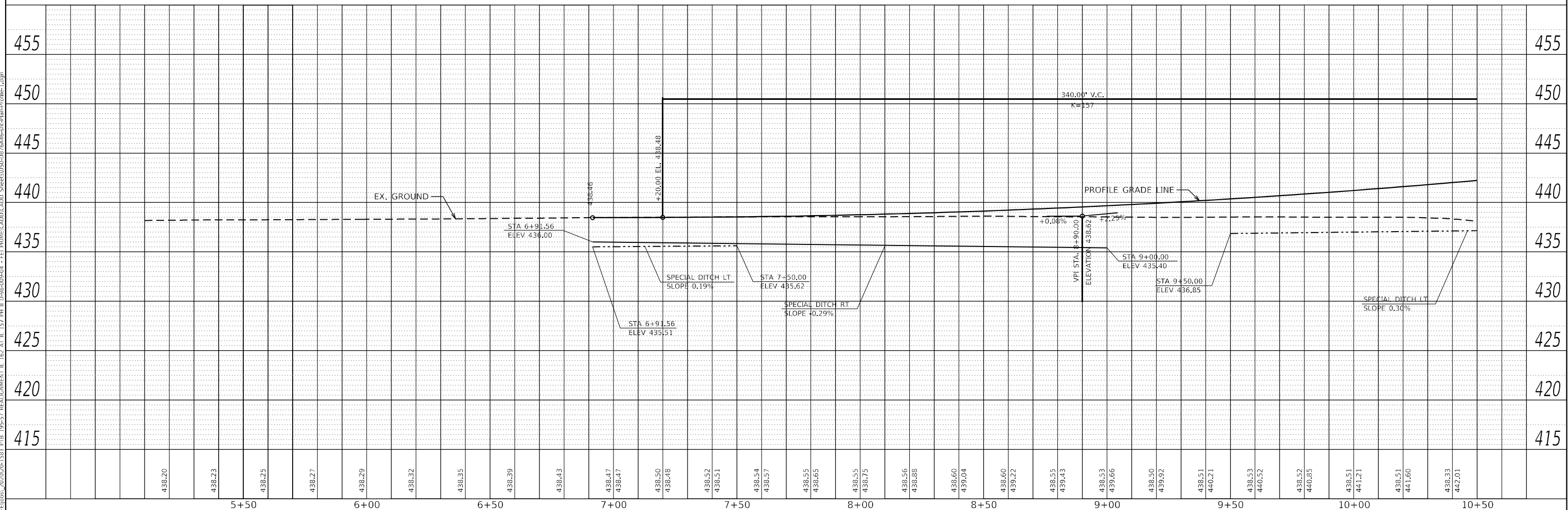
SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	49
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED _____ BY _____		DATE _____
NOTE BOOK	PLOTTED _____		
NO. _____	ALIGNMENT CHECKED _____		
	RT. OF WAY CHECKED _____		
	CADD FILE NAME _____		

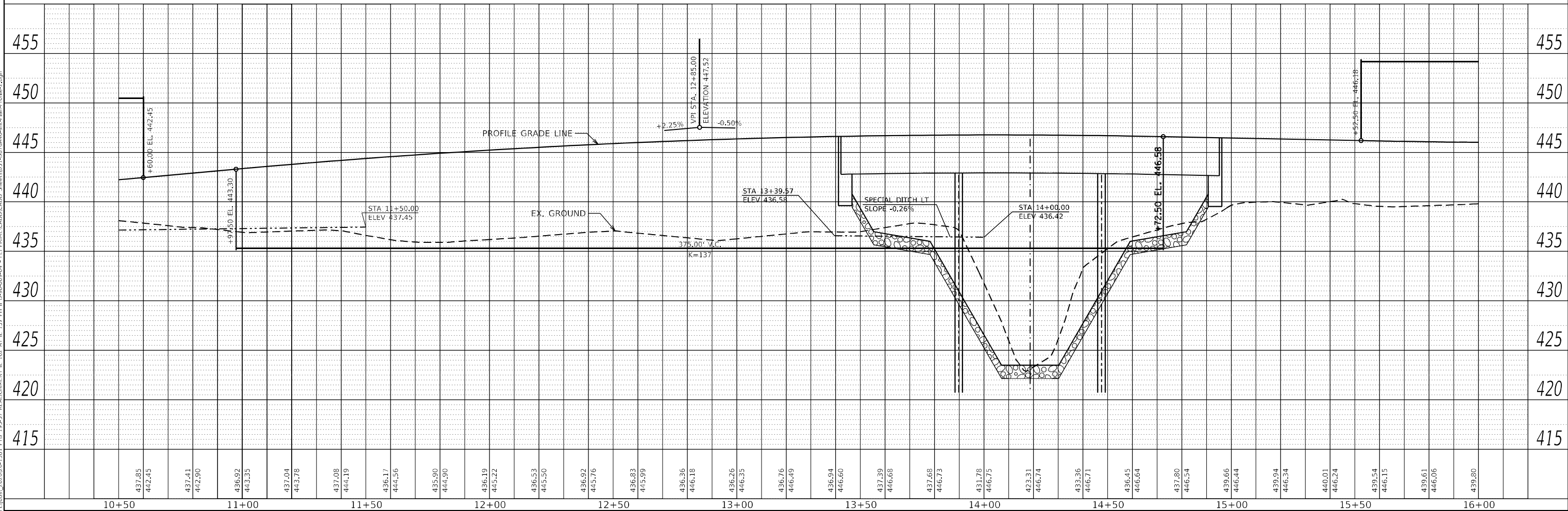
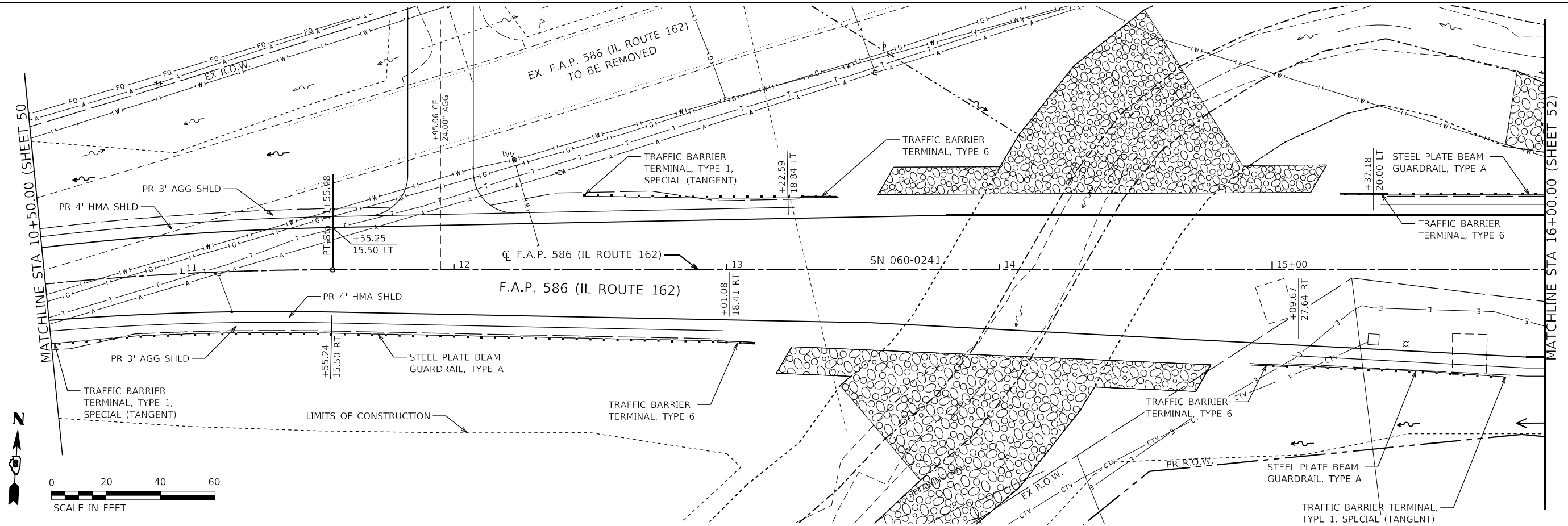


PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	GRADES CHECKED _____		
	I.I.M. NOTED _____		
	STRUCTURE NOTATIONS CHECKED _____		
NOTE BOOK _____			
NO. _____			



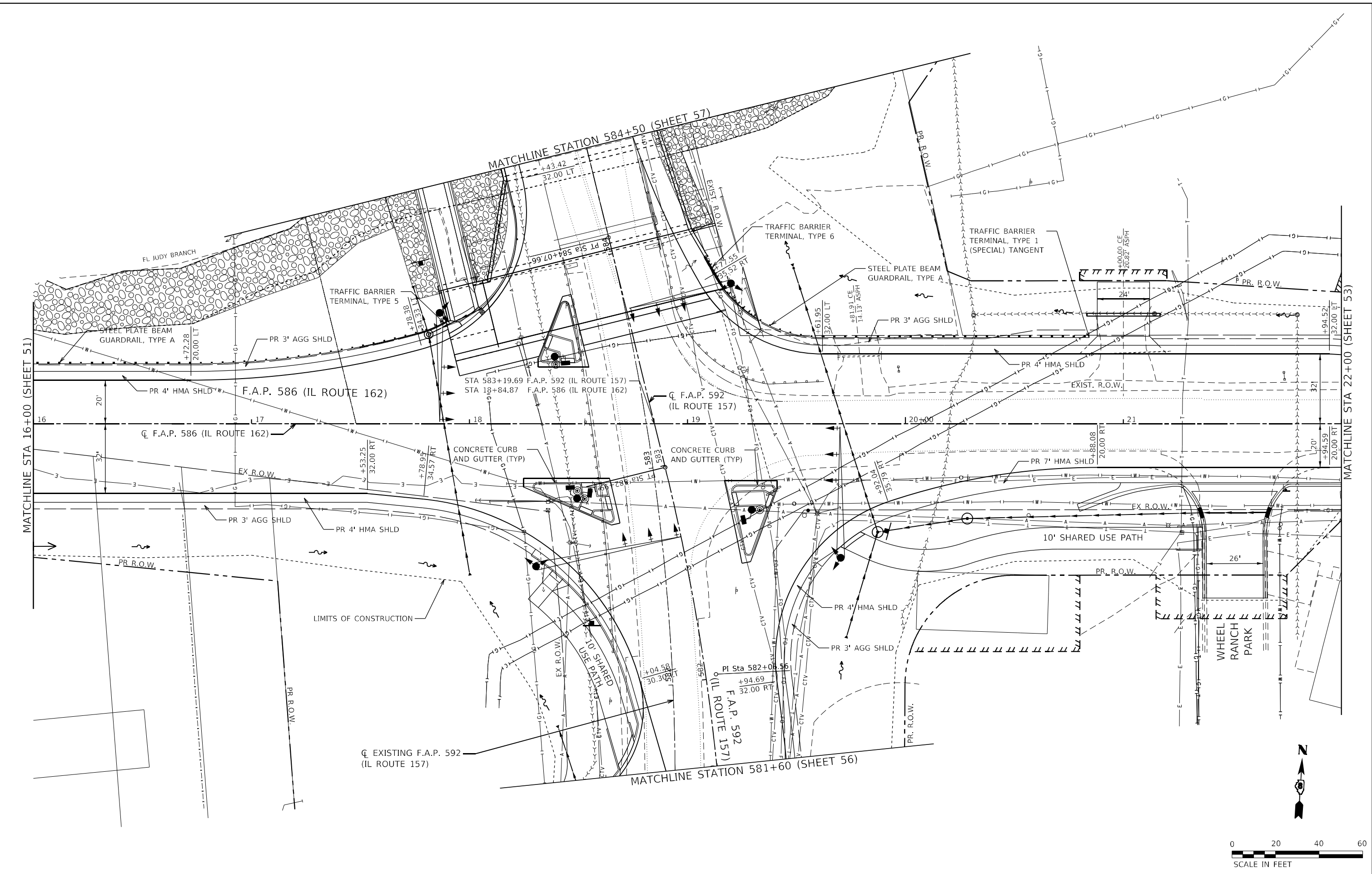
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		DRAWN -	REVISED -						*	51-1R	MADISON	296	50
	PLOT SCALE = 40,000' * / in.	CHECKED -	REVISED -				CONTRACT NO. 76A46						
	PLOT DATE = 6/27/2024	DATE -	REVISED -		SCALE: 1"=20'	SHEET 1 OF 11 SHEETS	STA. 6+91.56 TO STA. 10+50.00	ILLINOIS FED. AID PROJECT					

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B.M., NOTED _____		
	STRUCTURE NOTATIONS CHK'D _____		



 FUHRMANN ENGINEERING WWW.FUHRMANN-ENG.COM	MODEL: Default.dwg	USER NAME = ggayt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE F.A.P. 586 (IL ROUTE 162)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME: G:\17150		DRAWN -	REVISED -						*	51-1R	MADISON	296	51
	PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 76A46										
	PLOT DATE = 6/27/2024	DATE -	REVISED -	ILLINOIS FED. AID PROJECT										
	SCALE: 1"=20'					SHEET 2 OF 11 SHEETS	STA. 10+50.00 TO STA. 16+00.00	586/592						

MODEL: Default
FILE NAME: C:\Users\ggayt\OneDrive\Documents\20240201-1581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_P11.DWG
PROJECT: 195-57 REALIGNMENT IL 162 AT IL 157
SHEET: 51-1R
DATE: 6/27/2024



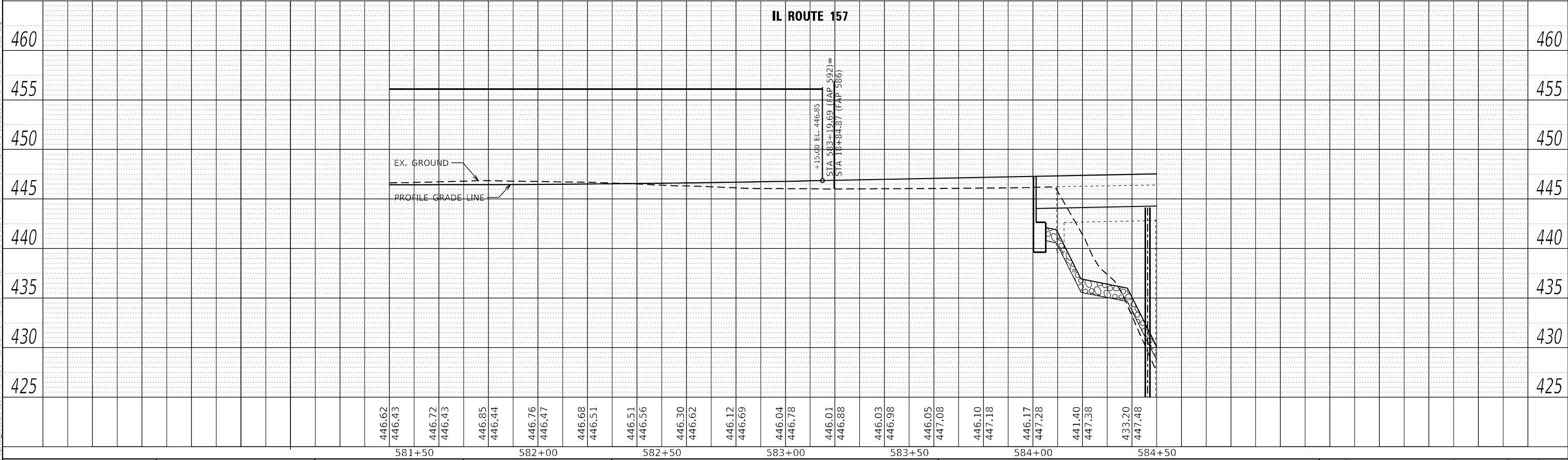
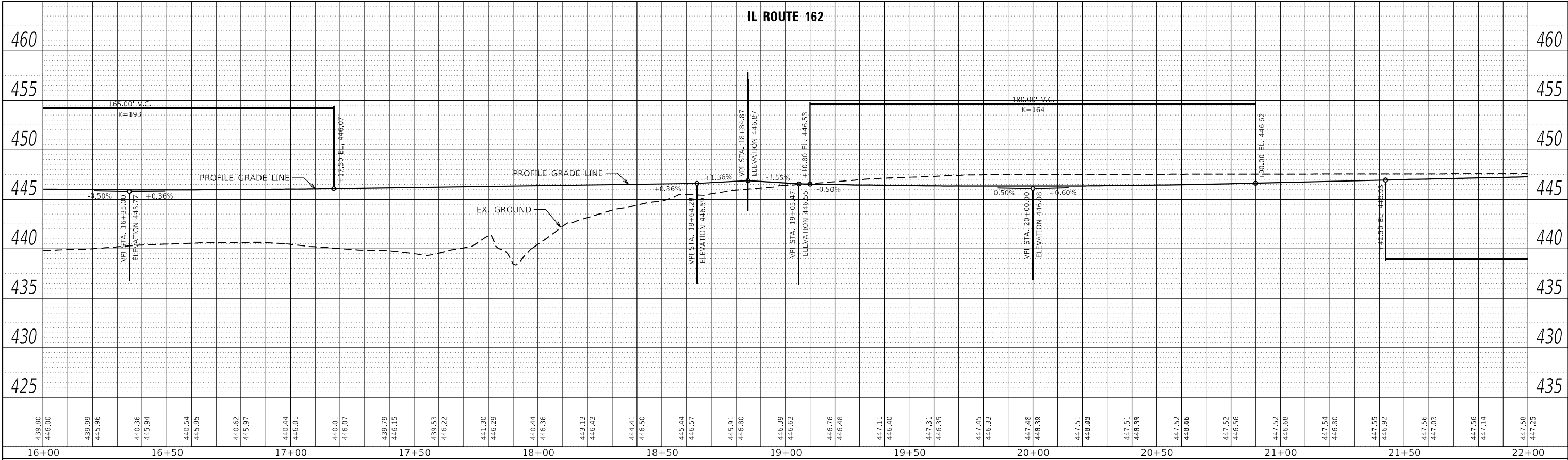
FUHRMANN ENGINEERING WWW.FUHRMANN-ENG.COM	USER NAME = ggayt		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN F.A.P. 586 (IL ROUTE 162) & F.A.P. 592 (IL ROUTE 157)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -		REVIS -	REVIS -						*	51-1R	MADISON	296	52
	PLOT SCALE = 40,0000 ' / in.		CHECKED -	REVIS -		CONTRACT NO. 76A46								
	PLOT DATE = 6/27/2024		DATE -	REVISED -		SCALE: 1"=20'	SHEET 3 OF 11 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

* 586/592

PLAN	SURVEYED _____		BY _____	DATE _____
	NOTE BOOK _____	PLOTTED _____		
NO. _____	ALIGNMENT CHECKED _____			
	RT. OF WAY CHECKED _____			
	CADD FILE NAME _____			

PROFILE	NO. _____	NOTE BOOK	SURVEYED _____	BY _____	DATE _____
			PLOTTED _____		
			GRADES CHECKED _____		
			B.M. NOTED _____		
			STRUCTURE NOTATIONS CHKD _____		

MODEL: Default
FILE NAME: G:\Files\2020\201581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_PH_II_P-58-009-04 - FEI PRIME CADD\CADD Sheets\05-57-8446-5-16-Plan-Profile-L.dgn



USER NAME	= ggayt
PLOT SCALE	= 40,0000 * / in.
PLOT DATE	= 6/27/2024

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROFILES
F.A.P. 586 (IL ROUTE 162) & F.A.P. 592 (IL ROUTE 157)

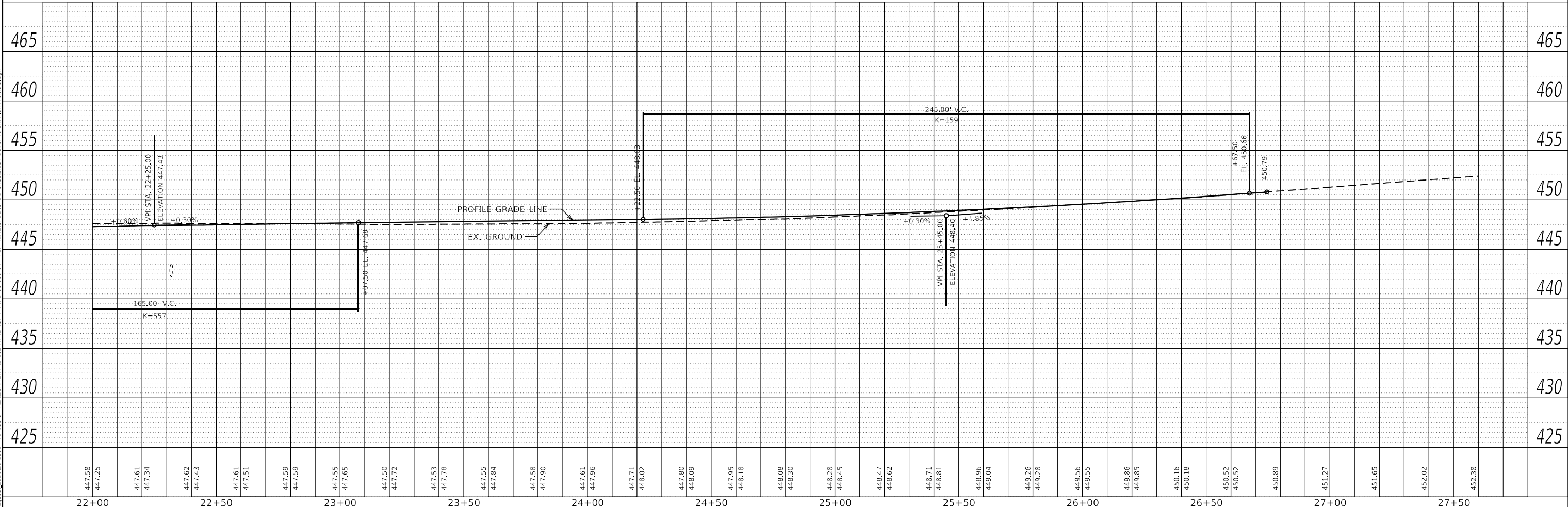
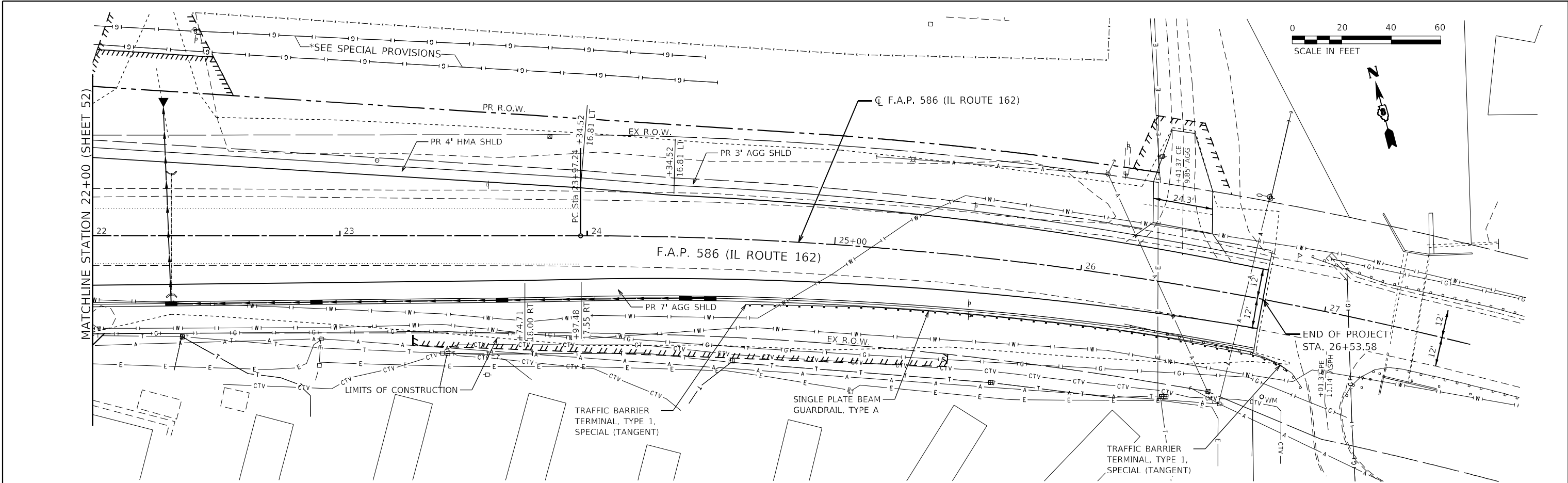
SCALE: 1"=20'	SHEET 4 OF 11 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	53
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED PLOTTED	NOTE BOOK NO.	BY	DATE

PROFILE	SURVEYED PLOTTED	NOTE BOOK NO.	BY	DATE

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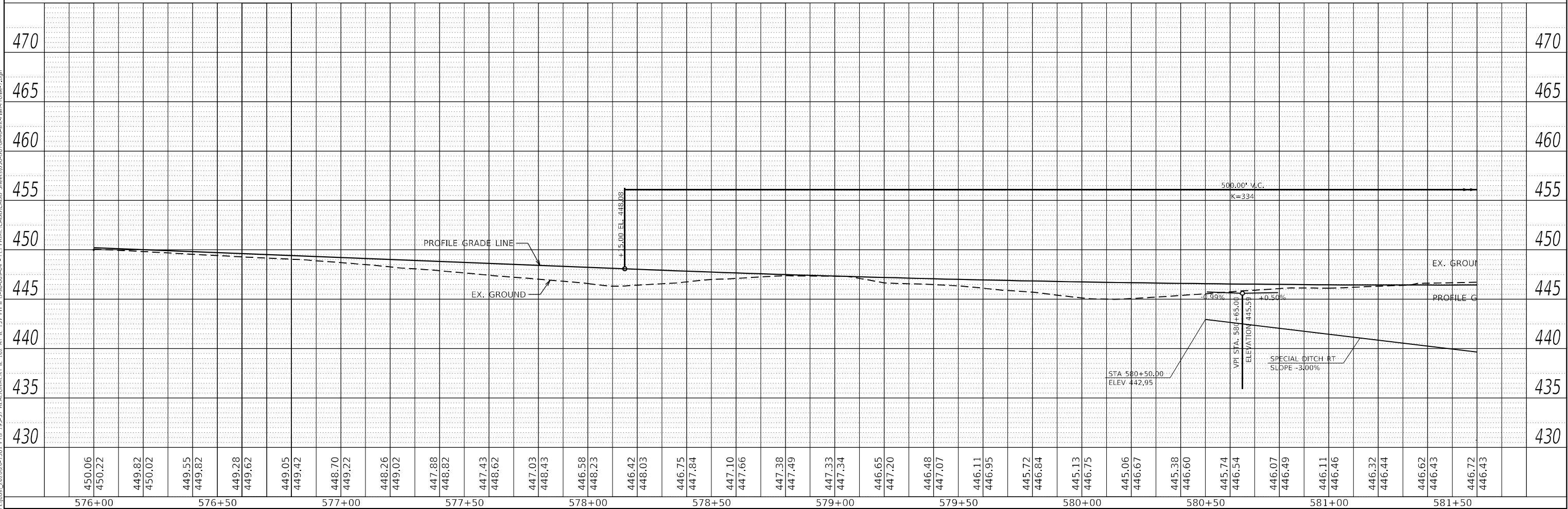
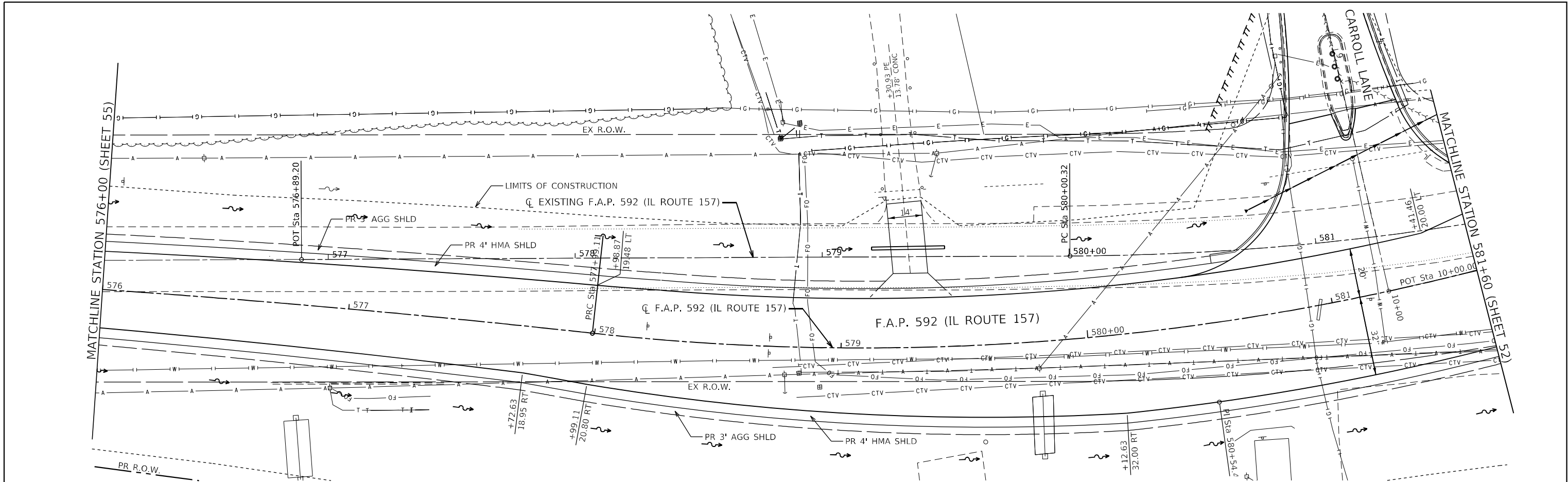


 FUHRMANN ENGINEERING WWW.FUHRMANN-ENG.COM	USER NAME = ggayt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE F.A.P. 586 (IL ROUTE 162)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -						*	51-1R	MADISON	296	54
	PLOT DATE = 6/27/2024	CHECKED -	REVISED -		CONTRACT NO. 76A46								
		DATE -	REVISED -		SCALE: 1"=20'	SHEET 5	OF 11 SHEETS	STA. 22+00.00 TO STA. 26+53.58	ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED PLOTTED ALIGNMENT CHECKED CADD FILE NAME	BY	DATE
NO.			

PROFILE	SURVEYED PLOTTED GRADES CHECKED STRUCTURE NOTATIONS CHWD	BY	DATE
NO.			

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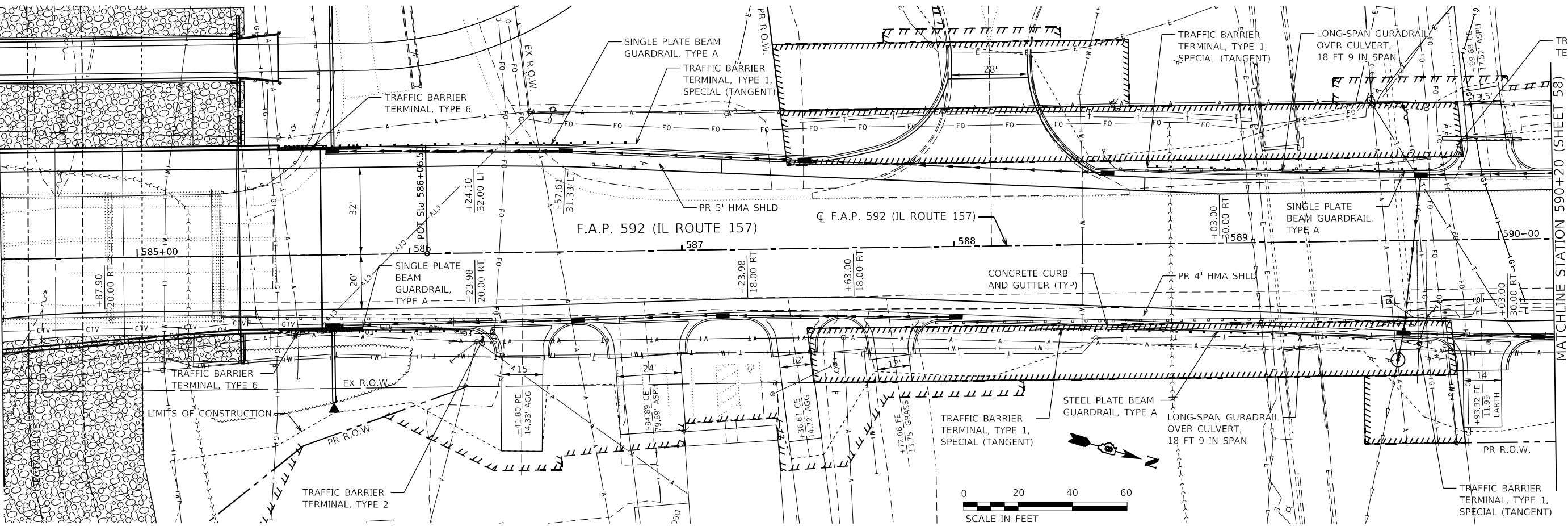
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		DRAWN -	REVISED -		*	51-1R	MADISON	296	56				
	PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76A46								
	PLOT DATE = 6/27/2024	DATE -	REVISED -		SCALE: 1"=20'	SHEET 7 OF 11 SHEETS	STA. 576+00.00 TO STA. 581+60.00	ILLINOIS	FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	CADD FILE NAME		

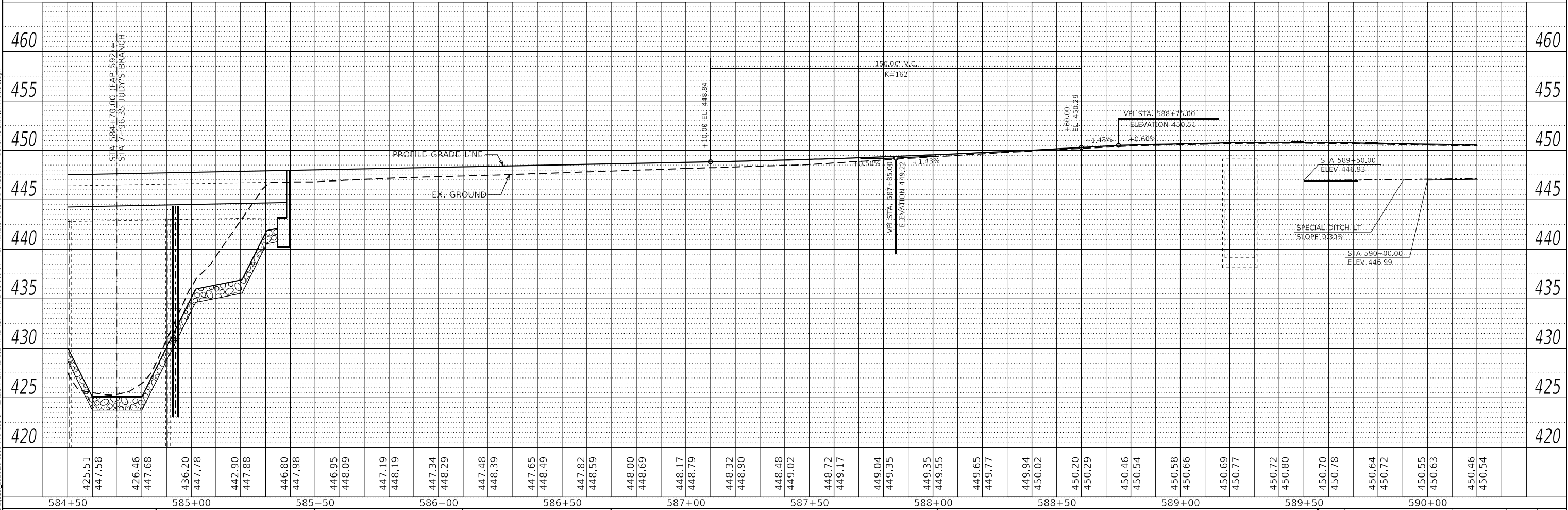
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		

MODEL: FILE NAME: G:\EFiles\2020\201531_FTB_19537_REALIGNMENT_IL_162_AT_IL_157_PH_II_D-58-009-04 - FEI PRIME CADD\CD\00 Sheets\051-257846-5-11-Plan-Profile-6.dgn

MATCHLINE STATION 584+50 (SHEET 52)



MATCHLINE STATION 590+20 (SHEET 58)



FUHRMANN
ENGINEERING
WWW.FUHRMANN-ENG.COM

USER NAME = untitled
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 12/18/2024

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
F.A.P. 592 (IL ROUTE 157)

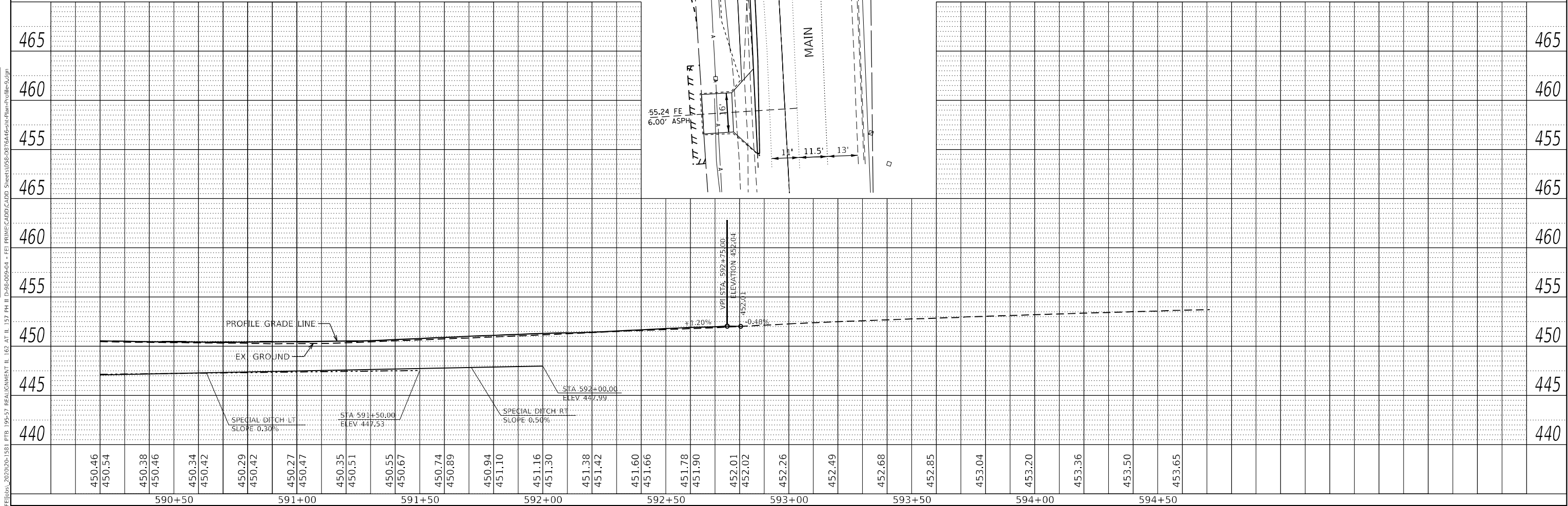
SCALE: 1"=20' SHEET 8 OF 11 SHEETS STA. 584+50.00 TO STA. 590+20.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	57
CONTRACT NO. 76A46				

* 586/592

PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

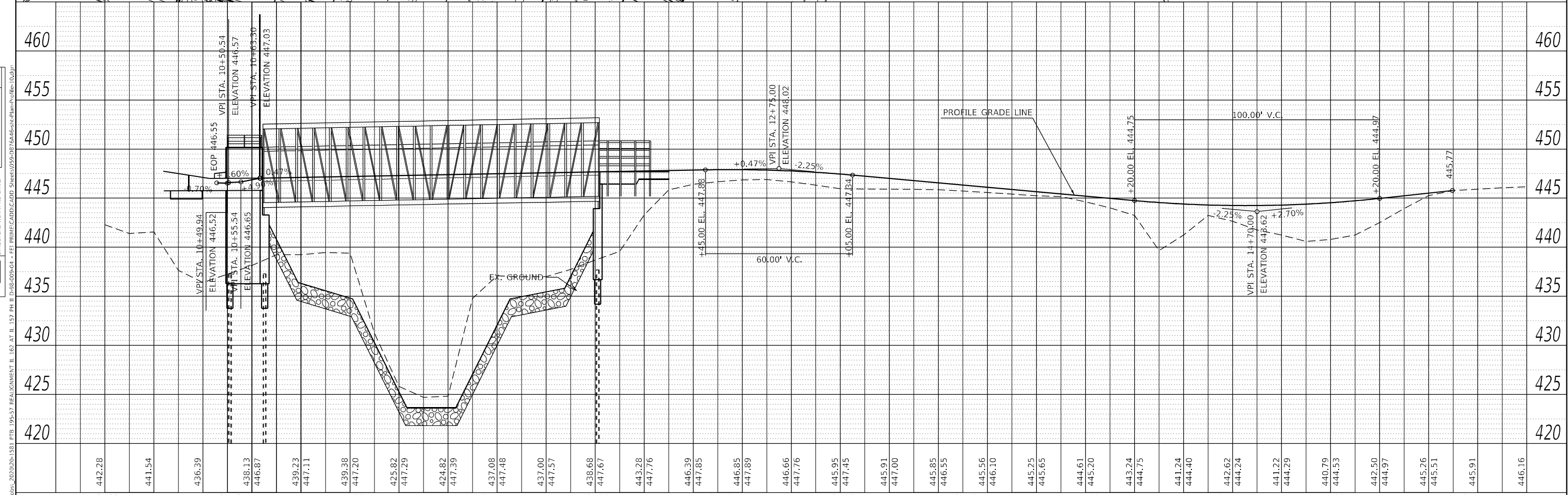
PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO.		



FILE NAME: FUHRMANN ENGINEERING WWW.FUHRMANN-ENG.COM	USER NAME = untitled	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE F.A.P. 592 (IL ROUTE 157)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -						*	51-1R	MADISON	296	58
	PLOT DATE = 12/18/2024	CHECKED -	REVISED -		CONTRACT NO. 76A46								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
SCALE: 1"=20'					SHEET 9 OF 11 SHEETS	STA. 590+20.00 TO STA. 592+82.47							

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHWD		

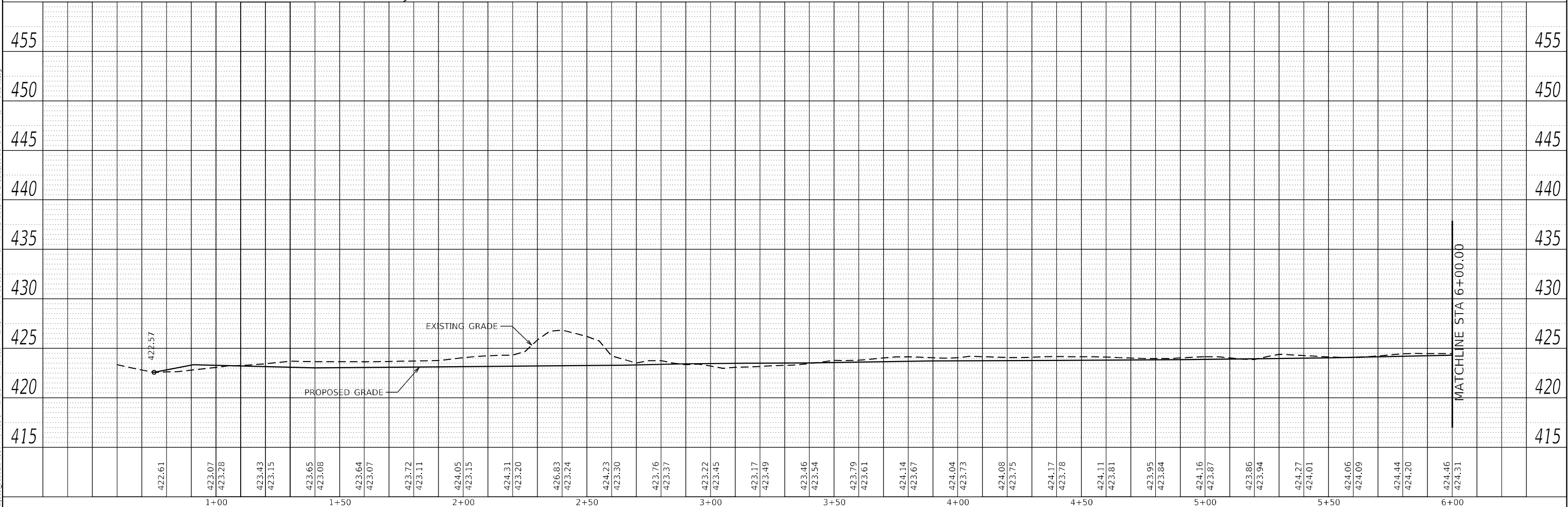
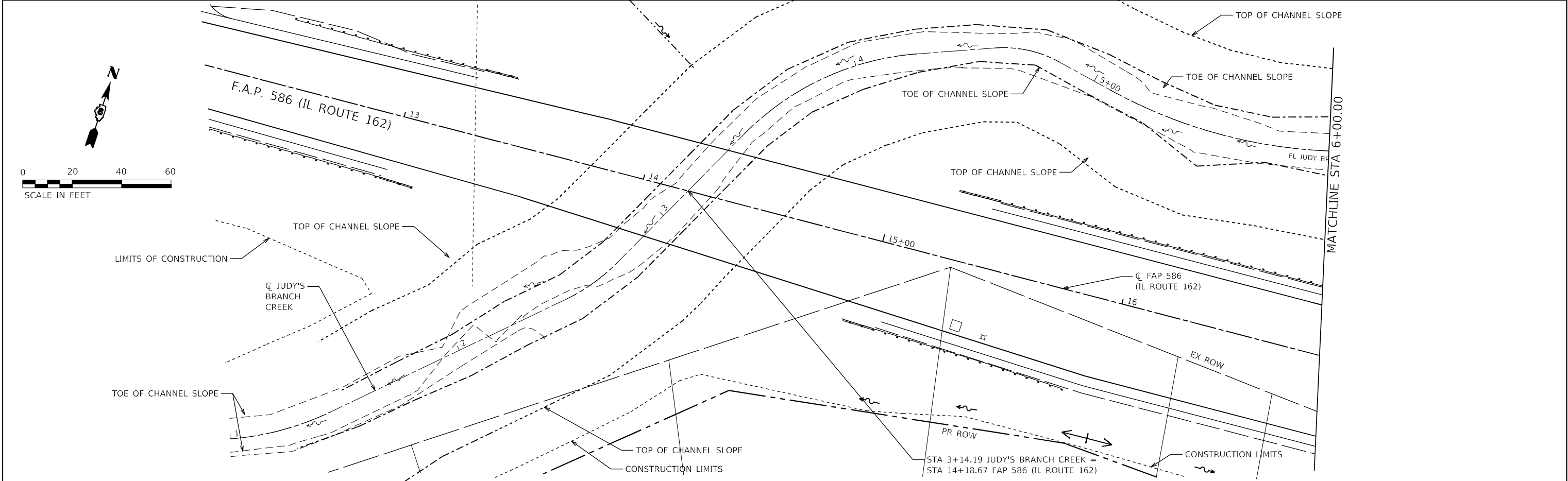


FUHRMANN ENGINEERING WWW.FUHRMANN-ENG.COM	USER NAME = ggayt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE F.A.P. 592 (IL ROUTE 157) SHARED USE PATH					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -		*	51-1R	MADISON	296	59					
	PLOT DATE = 6/27/2024	CHECKED -	REVISED -		CONTRACT NO. 76A46									
		DATE -	REVISED -		SCALE: 1"=20'	SHEET 10	OF 11	SHEETS	STA. 10+00.00	TO STA. 15+49.35	ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ALIGNMENT CHECKED		
	CADD FILE NAME		

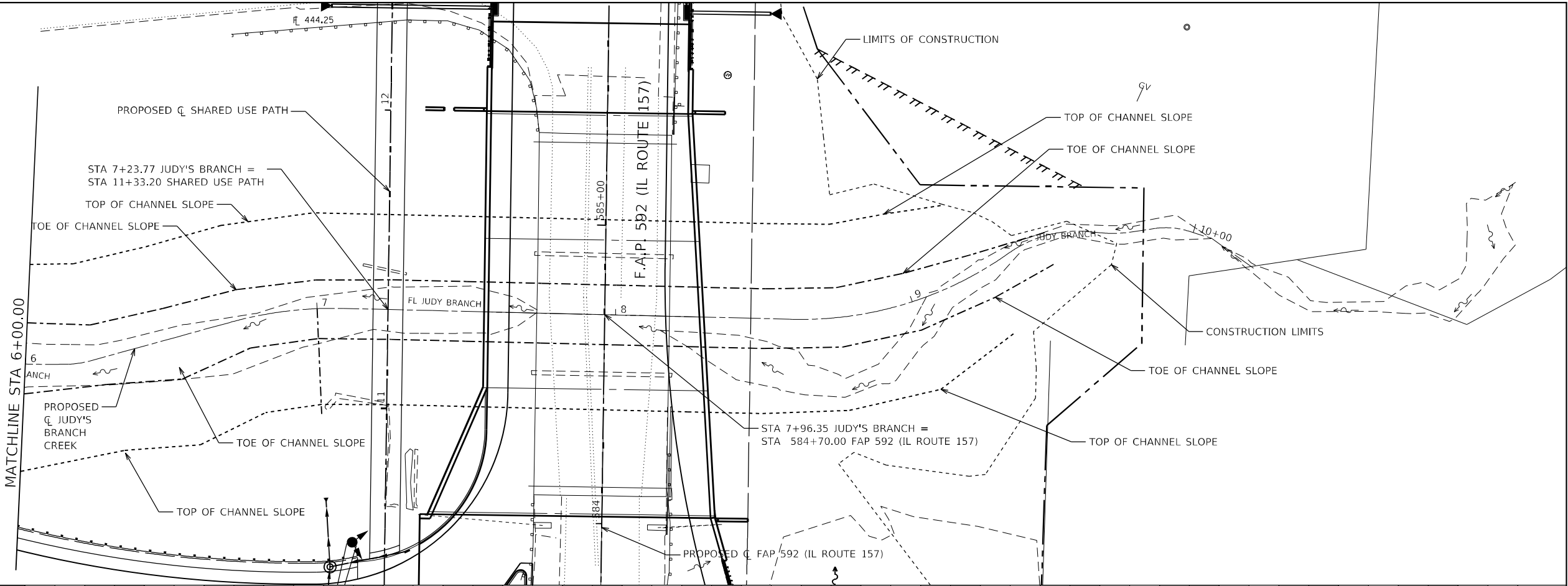
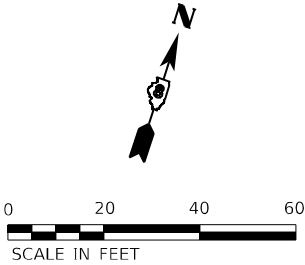
PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHWD		

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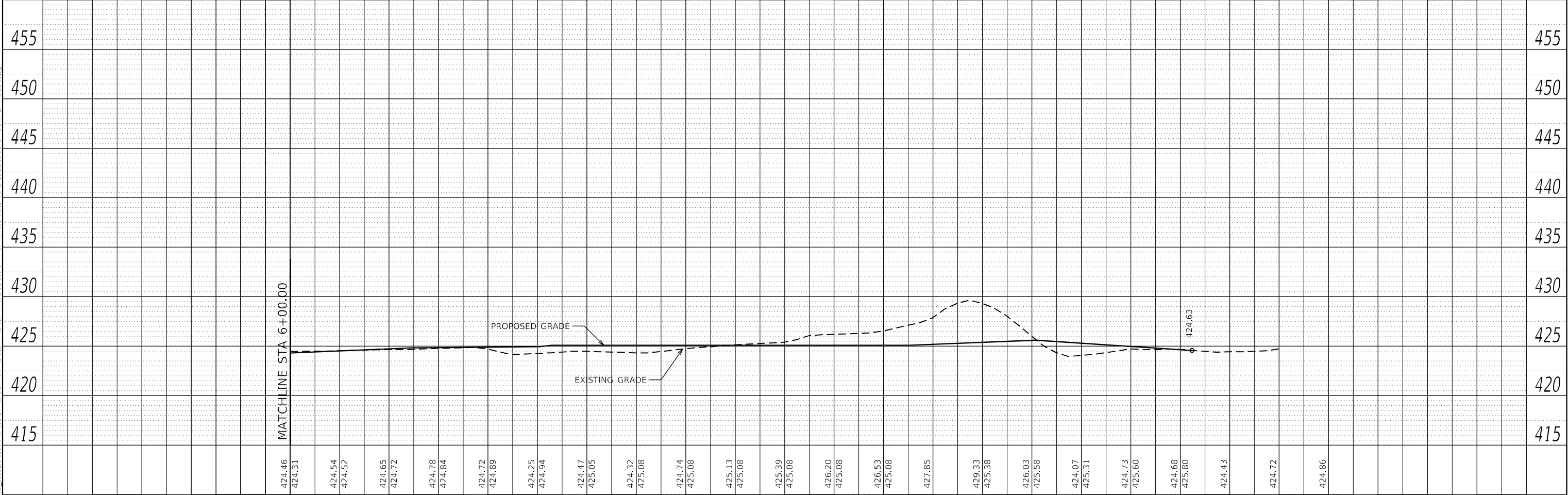


FUHRMANN ENGINEERING WWW.FUHRMANN-ENG.COM	USER NAME = ggayt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE JUDY'S BRANCH CREEK					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -							*	51-1R	MADISON	296	61
	PLOT DATE = 6/27/2024	CHECKED -	REVISED -							CONTRACT NO. 76A46				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									
	SCALE: 1"=20'				SHEET 1	OF 2	SHEETS	STA. 1+00.00	TO STA. 6+00.00					

PLAN	SURVEYED PLOTTED ALIGNMENT CHECKED DATE CADD FILE NAME	BY	DATE
NOTE BOOK NO.			



PROFILE	SURVEYED PLOTTED GRADES CHECKED STRUCTURE NOTATIONS CHWD NO.	BY	DATE
NOTE BOOK NO.			



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USER NAME = ggayt	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 6/27/2024	DATE -	REVISED -

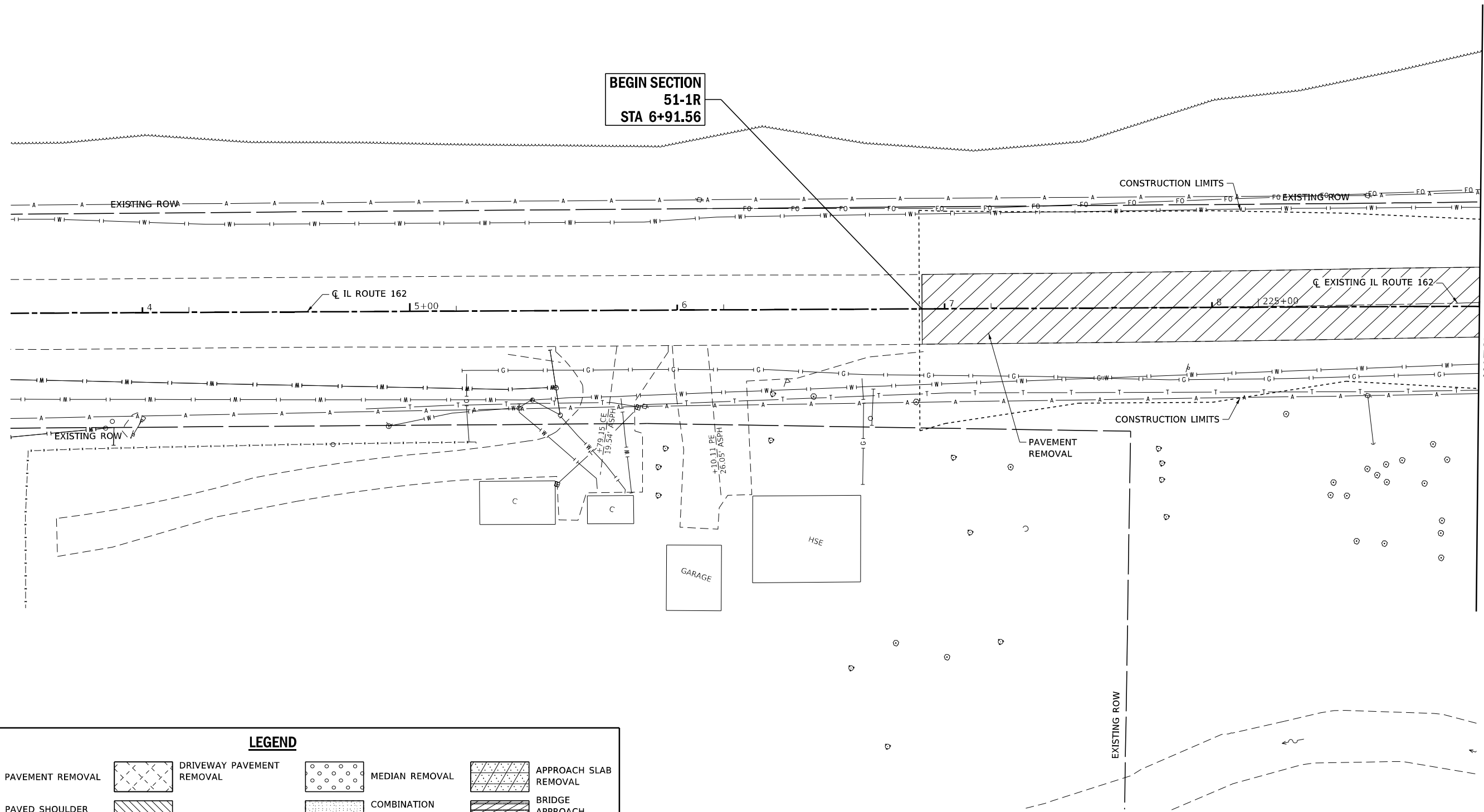
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
JUDY'S BRANCH CREEK

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 6+00.00 TO STA. 10+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	62
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

* 586/592



LEGEND

	PAVEMENT REMOVAL		DRIVEWAY PAVEMENT REMOVAL		MEDIAN REMOVAL		APPROACH SLAB REMOVAL
	PAVED SHOULDER REMOVAL		GUTTER REMOVAL		COMBINATION CURB AND GUTTER REMOVAL		BRIDGE APPROACH SHOULDER REMOVAL



USER NAME	• Linda	DESIGNED	- ESW	REVISED	-
MODEL NAME	• REM PLAN 01	DRAWN	- LEC	REVISED	-
PLOT SCALE	• 40,0000" / in.	CHECKED	- BRM	REVISED	-
PLOT DATE	• 3/6/2024	DATE	- 10/8/2021	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
IL ROUTE 162

SCALE: 1"=20'	SHEET 1 OF 10 SHEETS	STA 4+00.00 TO STA 9+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	63
CONTRACT NO. 76A46				

ILLINOIS FED. AID PROJECT

*586/592

FILE NAME: X:\P\production\Files\2020\420-0018\CAD\CADD Sheets\0876A46-shr-Removal.dgn

FILE NAME: X:\P\Production\Files\2020\420-00\8\CAD\CADD Sheets\0876A46-shit-Removal.dgn

MATCH LINE STA 9+00.00 (SHEET 63)

MATCH LINE STA 14+50.00 (SHEET 65)



PAVEMENT REMOVAL

PAVED SHOULDER REMOVAL

DRIVEWAY PAVEMENT REMOVAL

GUTTER REMOVAL

MEDIAN REMOVAL

COMBINATION CURB AND GUTTER REMOVAL

APPROACH SLAB REMOVAL

BRIDGE APPROACH SHOULDER REMOVAL

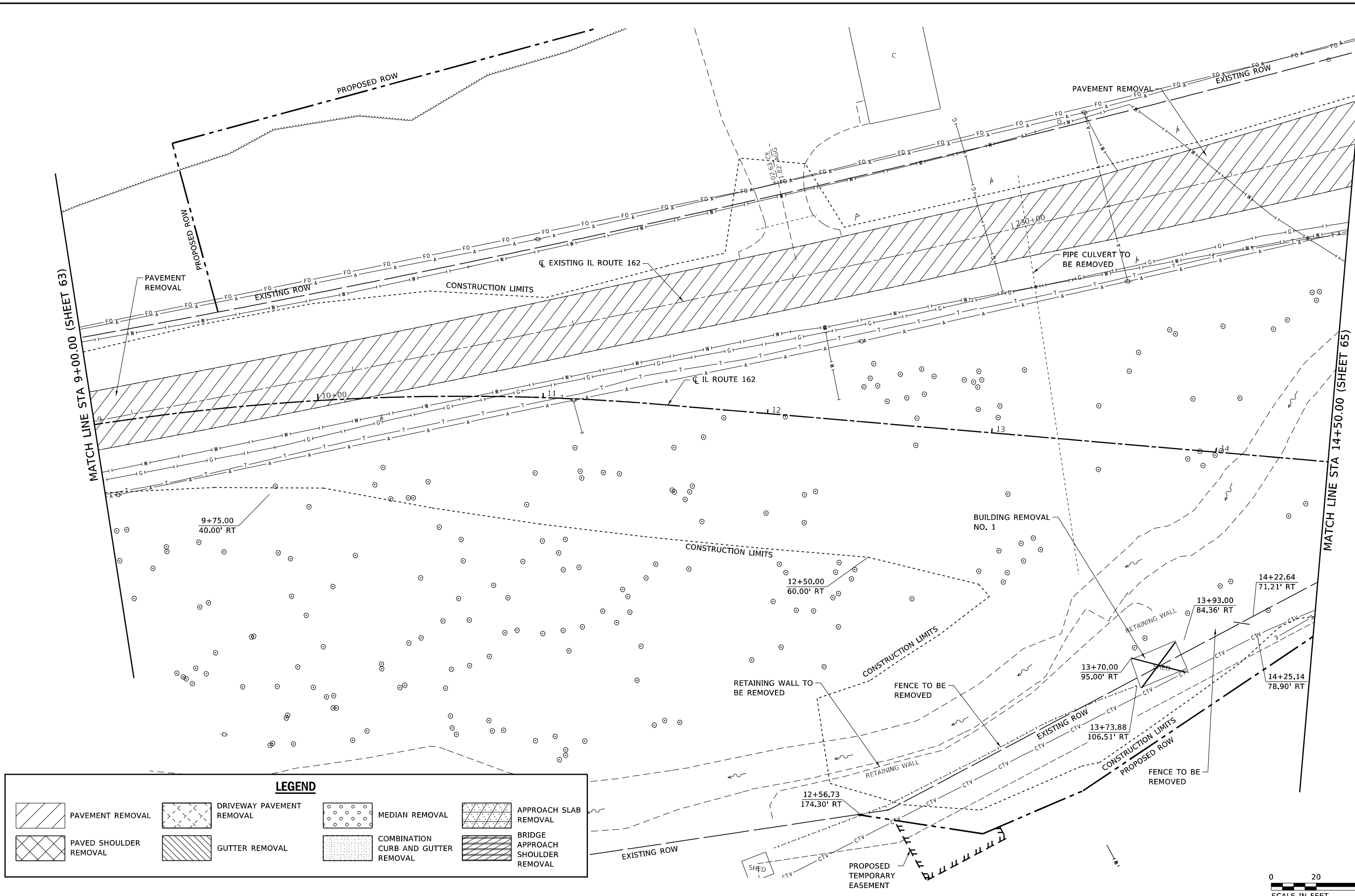
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
IL ROUTE 162

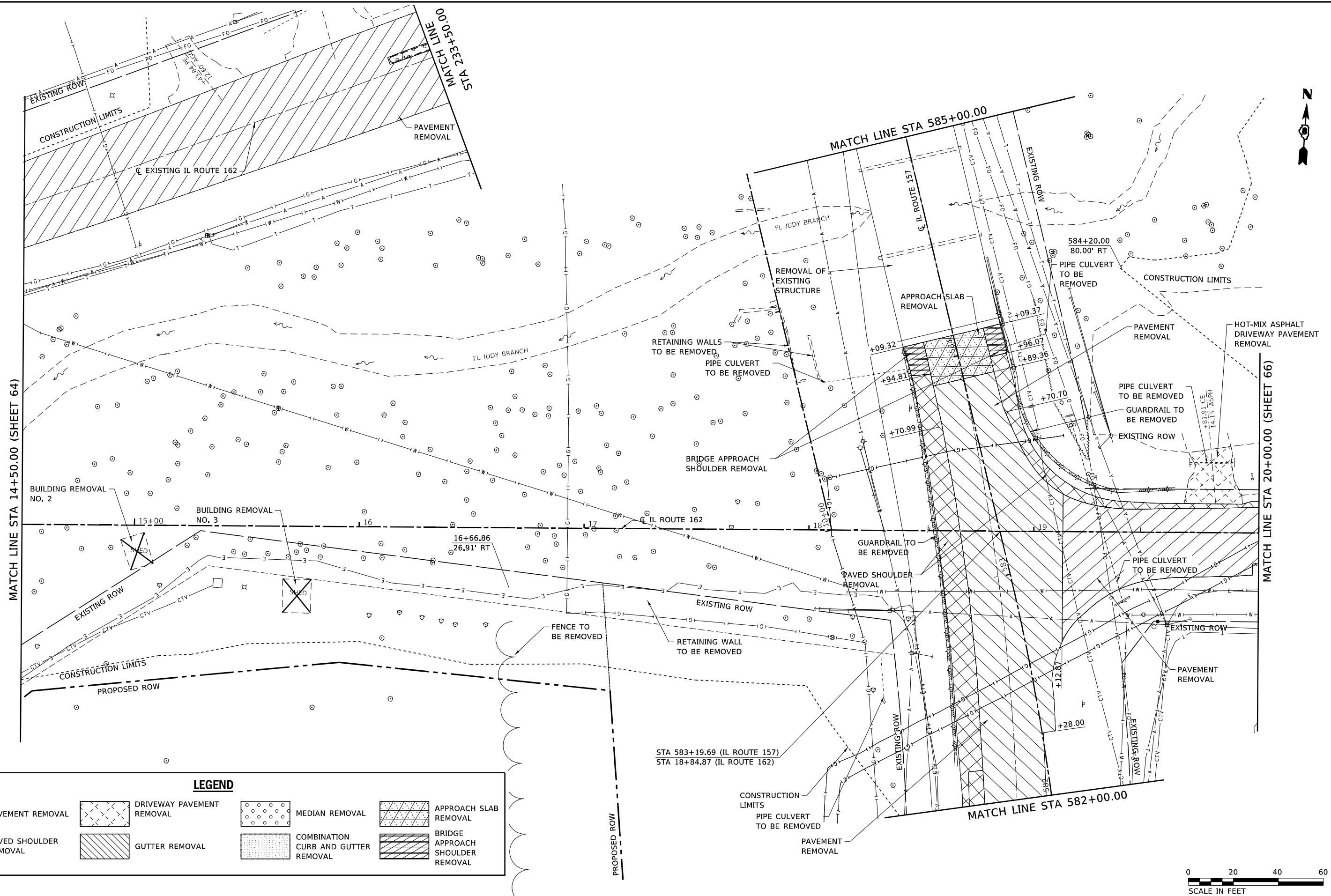
SCALE: 1"=20' SHEET 2 OF 10 SHEETS STA 9+00.00 TO STA 14+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	64
CONTRACT NO. 76A46				

*586/592



FILE NAME: x:\p\production\11\2020\420-0018\CAD\CADD Sheets\0876A46-shit-Removal.dgn



LEGEND

 PAVEMENT REMOVAL	 DRIVEWAY PAVEMENT REMOVAL	 MEDIAN REMOVAL	 APPROACH SLAB REMOVAL
 PAVED SHOULDER REMOVAL	 GUTTER REMOVAL	 COMBINATION CURB AND GUTTER REMOVAL	 BRIDGE APPROACH SHOULDER REMOVAL



USER NAME - Linda
MODEL NAME - REM PLAN 03
PLOT SCALE - 40,0000" / in.
PLOT DATE - 3/6/2024

DESIGNED - ESW
DRAWN - LEC
CHECKED - BRM
DATE - 10/8/2021

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
IL ROUTE 162

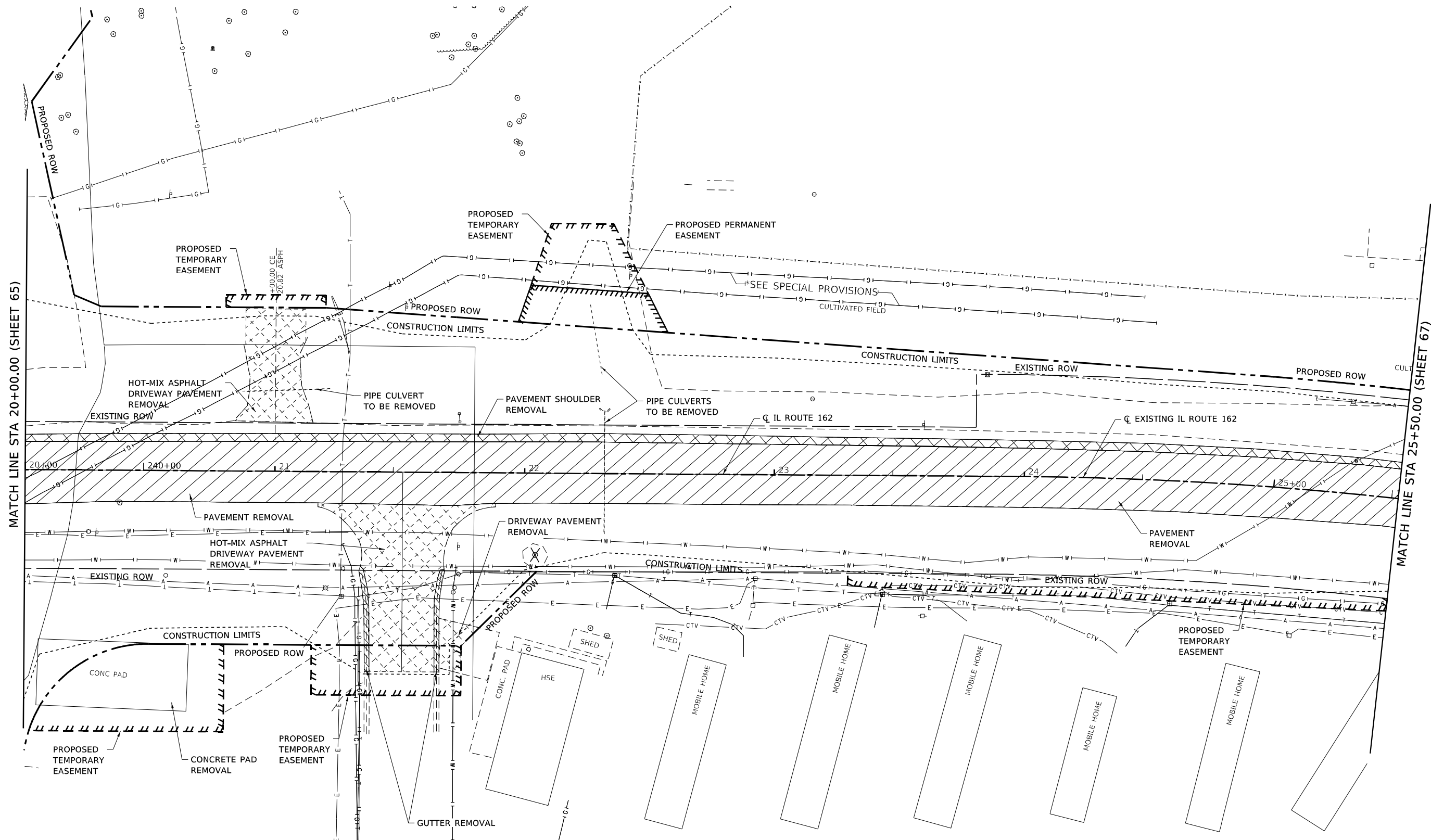
SCALE: 1"=20' SHEET 3 OF 10 SHEETS STA 14+50.00 TO STA 20+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	65
CONTRACT NO. 76A46				

ILLINOIS FED. AID PROJECT

*586/592

FILE NAME: \\Loch-Joe\cscat\Production\Files\2020\428-0018\04D\CA0D Sheets\0876A46-shr-Removal.dgn



LEGEND

	PAVEMENT REMOVAL		DRIVEWAY PAVEMENT REMOVAL		MEDIAN REMOVAL		APPROACH SLAB REMOVAL
	PAVED SHOULDER REMOVAL		GUTTER REMOVAL		COMBINATION CURB AND GUTTER REMOVAL		BRIDGE APPROACH SHOULDER REMOVAL



USER NAME	JoeKovarik	DESIGNED	ESW	REVISED	
MODEL NAME	REM PLAN 04	DRAWN	LEC	REVISED	
PLOT SCALE	40,0000' / in.	CHECKED	BRM	REVISED	
PLOT DATE	3/8/2024	DATE	10/8/2021	REVISED	

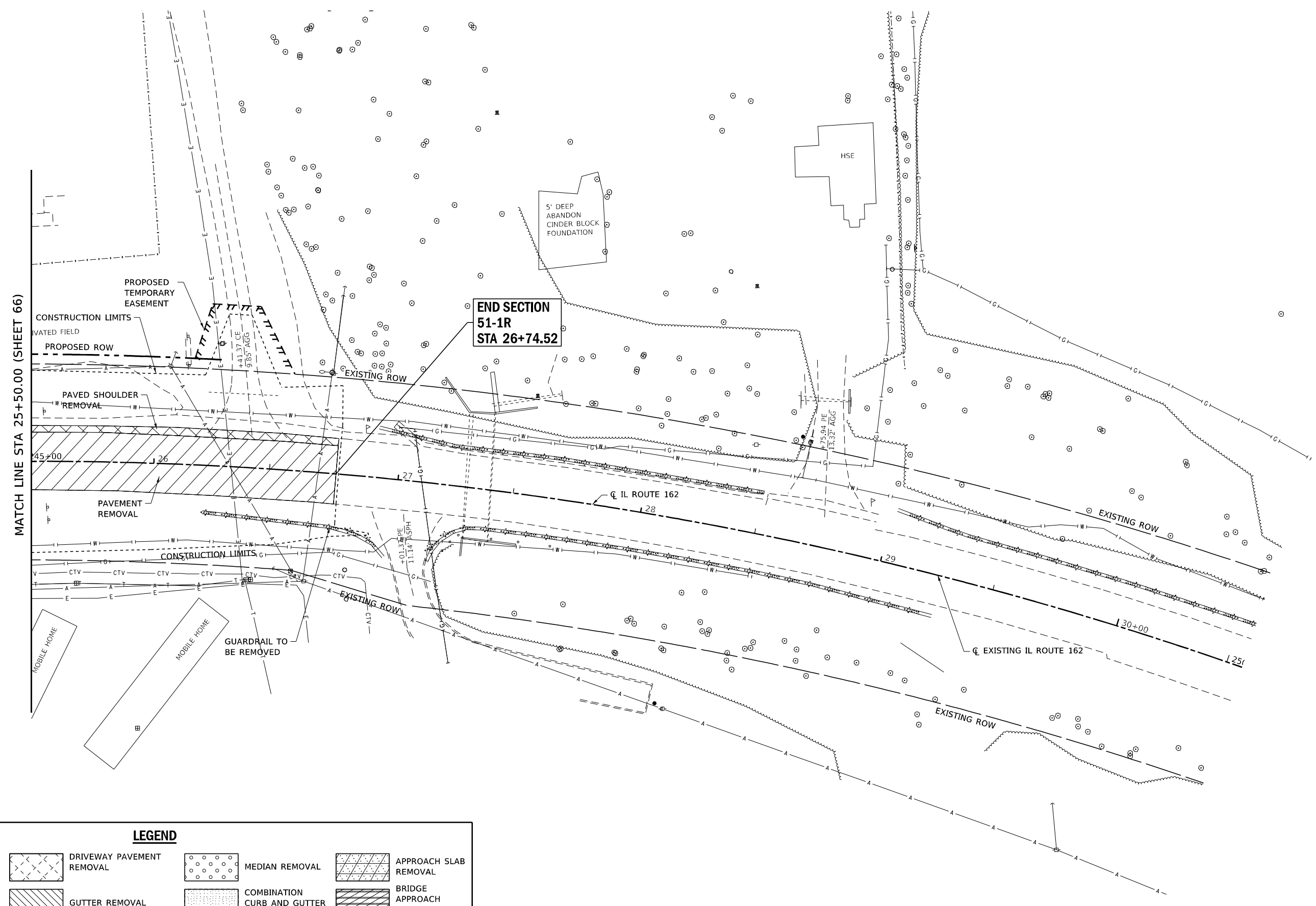
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS IL ROUTE 162

SCALE: 1"=20' SHEET 4 OF 10 SHEETS STA 20+00.00 TO STA 25+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	66
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

*586/592



LEGEND

	PAVEMENT REMOVAL		DRIVEWAY PAVEMENT REMOVAL		MEDIAN REMOVAL		APPROACH SLAB REMOVAL
	PAVED SHOULDER REMOVAL		GUTTER REMOVAL		COMBINATION CURB AND GUTTER REMOVAL		BRIDGE APPROACH SHOULDER REMOVAL



USER NAME	• Linda	DESIGNED	- ESW	REVISED	-
MODEL NAME	• REM PLAN 05	DRAWN	- LEC	REVISED	-
PLOT SCALE	• 40,0000" / in.	CHECKED	- BRM	REVISED	-
PLOT DATE	• 3/6/2024	DATE	- 10/8/2021	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

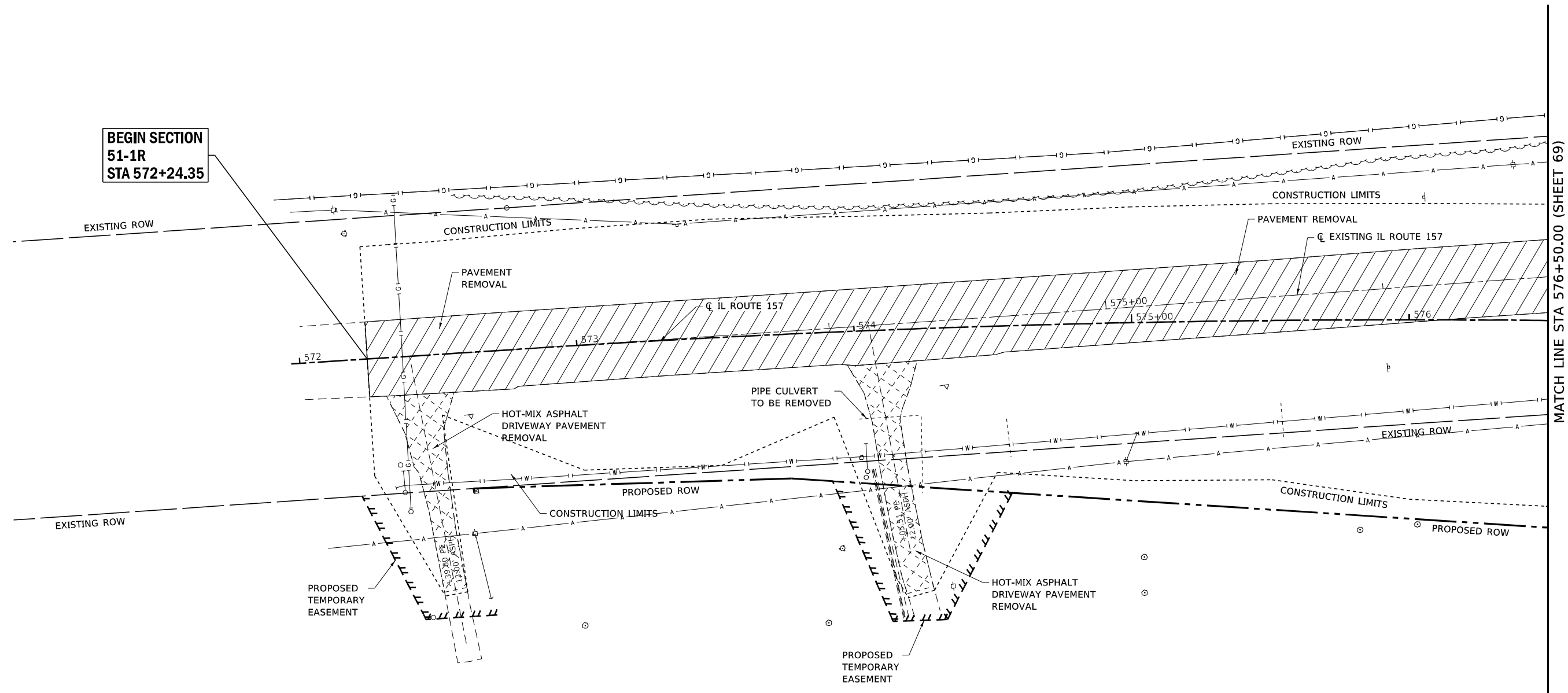
**REMOVAL PLANS
IL ROUTE 162**

SCALE: 1"=20'	SHEET 5 OF 10 SHEETS	STA 25+50.00 TO STA 30+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	67
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

*586/592

FILE NAME: X:\Production\Files\2020-420-0018\CAD\CADD Sheets\0876A46-shr-Removal.dgn



LEGEND

	PAVEMENT REMOVAL		DRIVEWAY PAVEMENT REMOVAL		MEDIAN REMOVAL		APPROACH SLAB REMOVAL
	PAVED SHOULDER REMOVAL		GUTTER REMOVAL		COMBINATION CURB AND GUTTER REMOVAL		BRIDGE APPROACH SHOULDER REMOVAL



USER NAME	• Linda	DESIGNED	- ESW	REVISED	-
MODEL NAME	• REM PLAN 06	DRAWN	- LEC	REVISED	-
PLOT SCALE	• 40,0000" / in.	CHECKED	- BRM	REVISED	-
PLOT DATE	• 3/6/2024	DATE	- 10/8/2021	REVISED	-

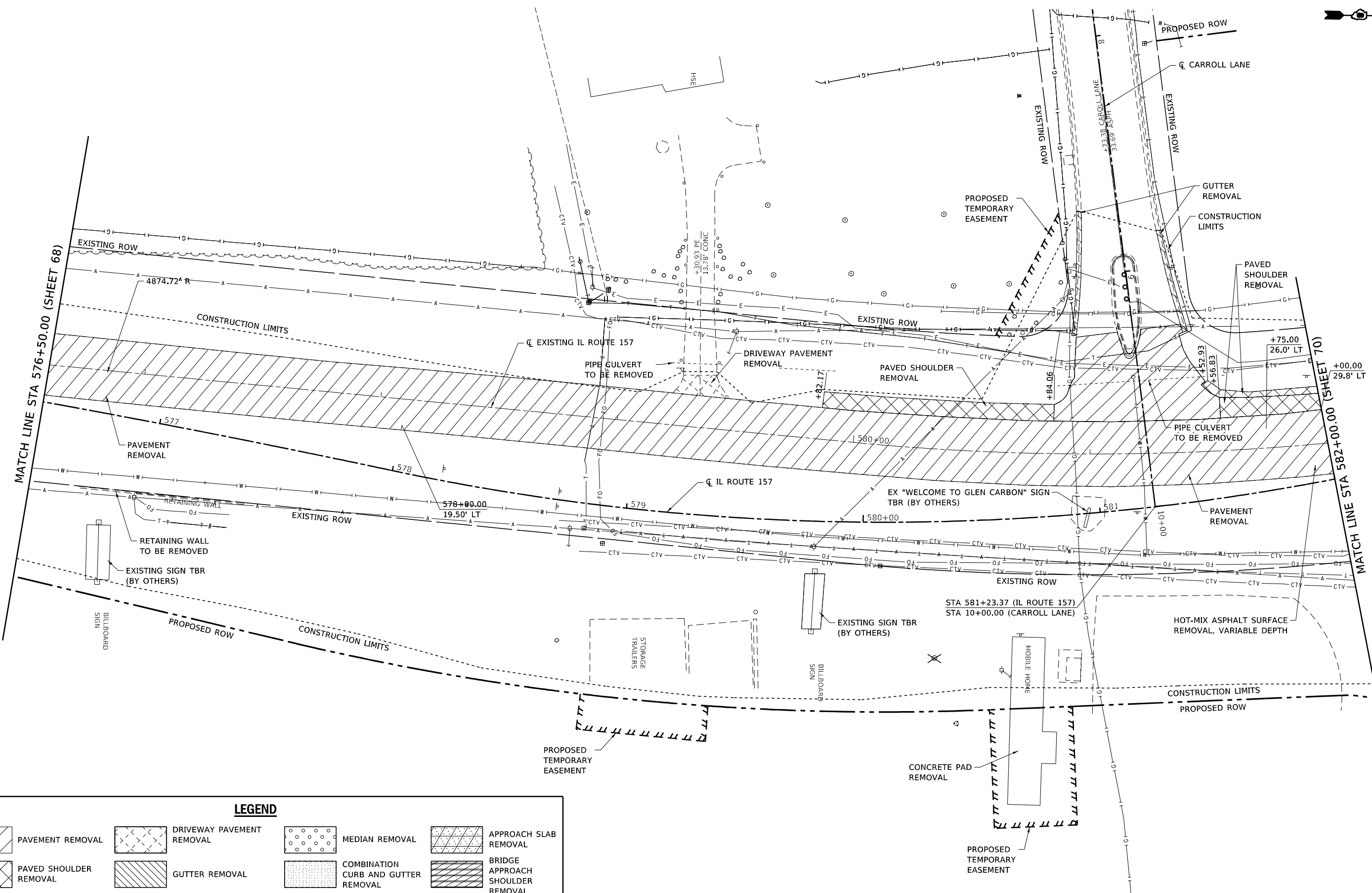
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS IL ROUTE 157			
SCALE: 1"=20'	SHEET 6	OF 10 SHEETS	STA 572+00.00 TO STA 576+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	68
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

*586/592

FILE NAME: X:\Production\Files\2020\420-0018\CAD\CADD Sheets\0876A46-shr-Removal.dgn



PAVEMENT REMOVAL

PAVED SHOULDER REMOVAL

DRIVEWAY PAVEMENT REMOVAL

GUTTER REMOVAL

MEDIAN REMOVAL

COMBINATION CURB AND GUTTER REMOVAL

APPROACH SLAB REMOVAL

BRIDGE APPROACH SHOULDER REMOVAL

LEGEND

USER NAME	Jordan Pettibone	DESIGNED	ESW	REVISED	
MODEL NAME	REM PLAN 07	DRAWN	LEC	REVISED	
PLOT SCALE	40,0000' / in.	CHECKED	BRM	REVISED	
PLOT DATE	3/18/2024	DATE	10/8/2021	REVISED	

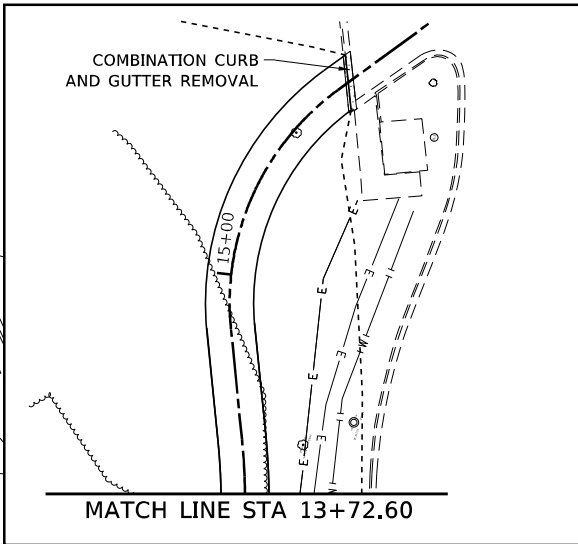
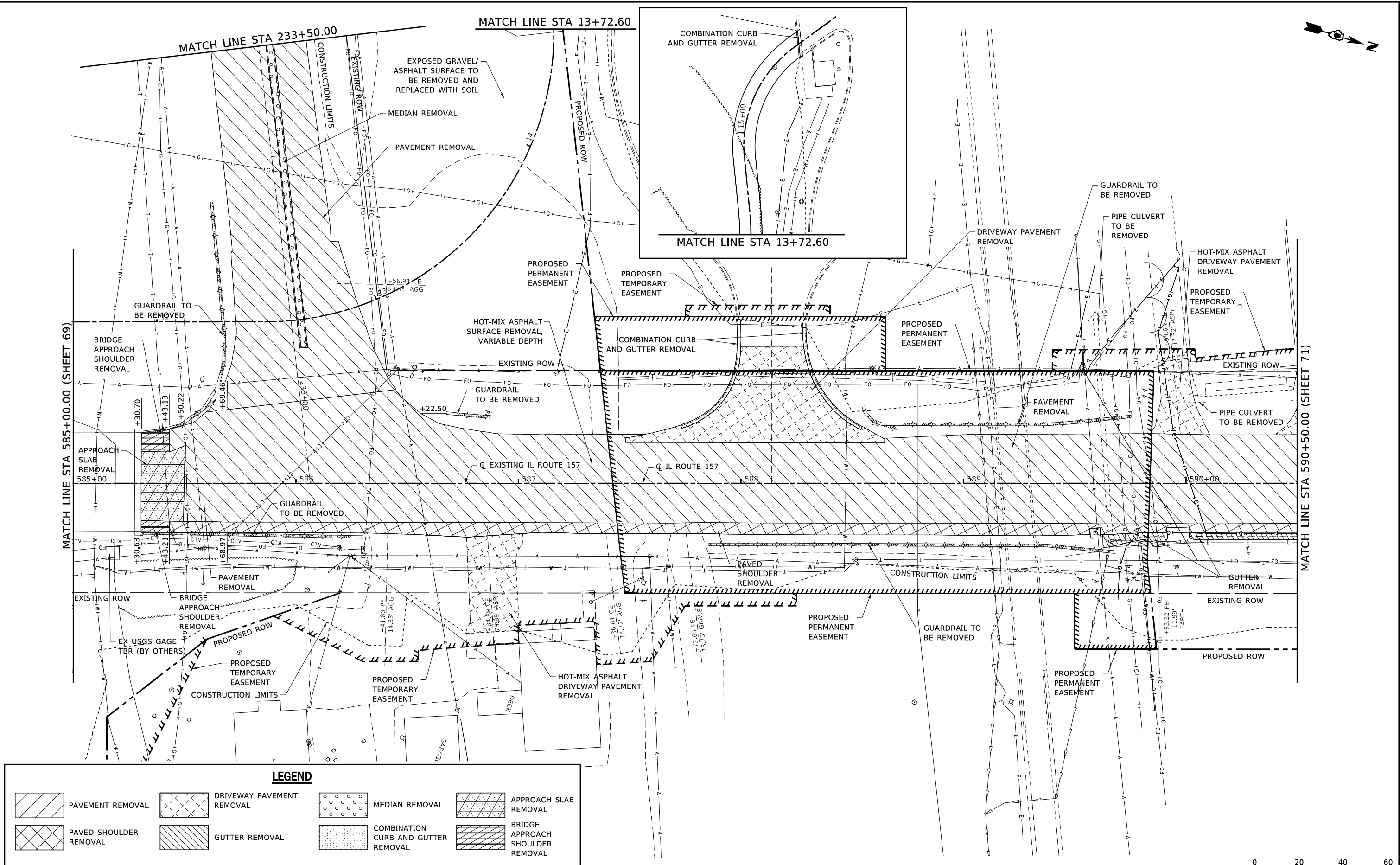
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS IL ROUTE 157			
SCALE: 1"=20'	SHEET 7 OF 10 SHEETS	STA 576+50.00 TO STA 582+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	69
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

*586/592

FILE NAME: X:\Production\115a\2020-420-0018\CAD\CADD Sheets\0876A46-shr-Removal.dgn



LEGEND

	PAVEMENT REMOVAL		DRIVEWAY PAVEMENT REMOVAL		MEDIAN REMOVAL		APPROACH SLAB REMOVAL
	PAVED SHOULDER REMOVAL		GUTTER REMOVAL		COMBINATION CURB AND GUTTER REMOVAL		BRIDGE APPROACH SHOULDER REMOVAL



USER NAME	Jordan Pettibone
MODEL NAME	REM PLAN 08
PLOT SCALE	40,0000' / in.
PLOT DATE	3/18/2024

DESIGNED	ESW
DRAWN	LEC
CHECKED	BRM
DATE	10/8/2021

REVISED	
REVISED	
REVISED	
REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

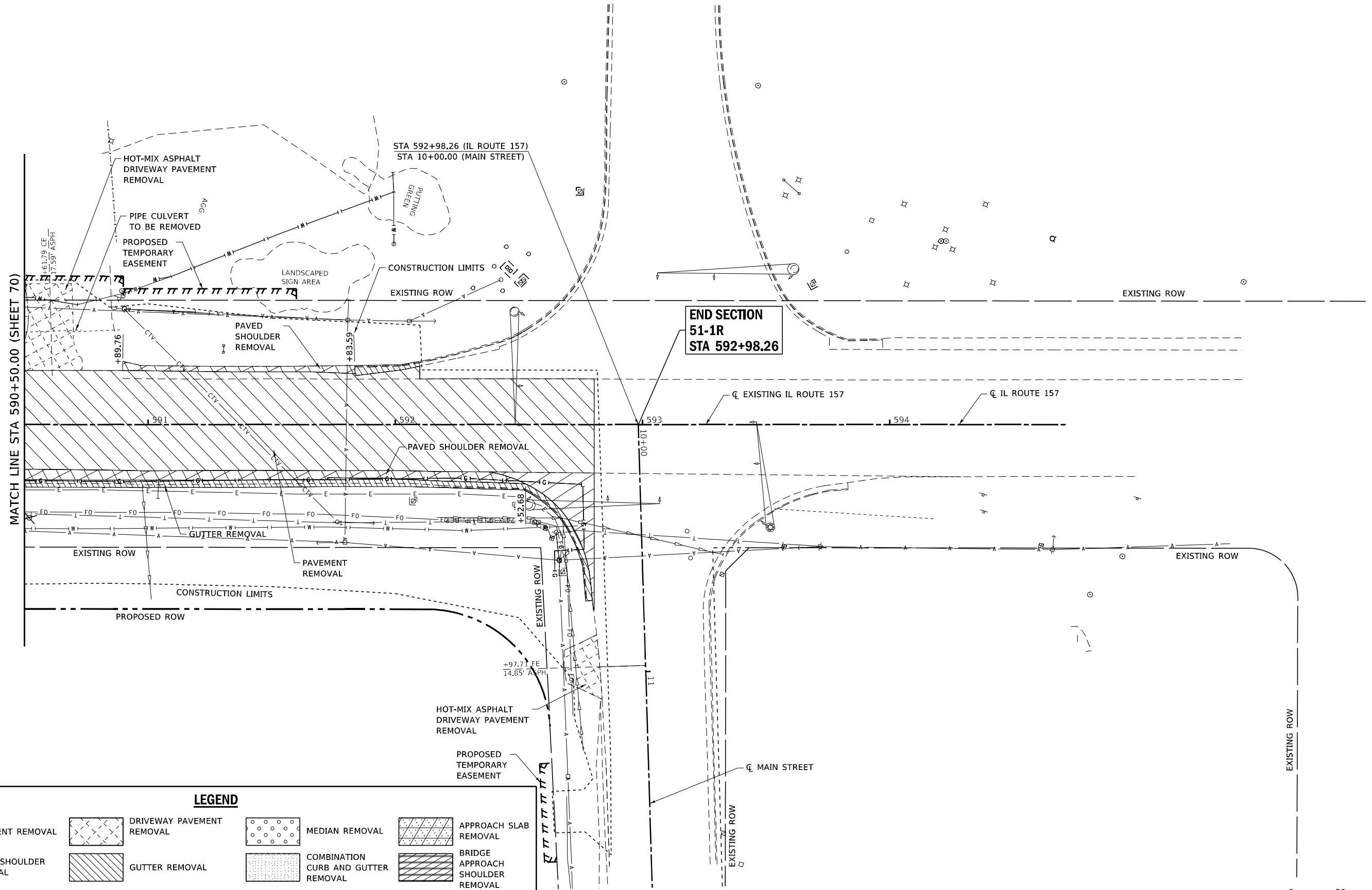
REMOVAL PLANS
IL ROUTE 157

SCALE: 1"=20' SHEET 8 OF 10 SHEETS STA 585+00.00 TO STA 590+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	70
CONTRACT NO. 76A46				

ILLINOIS FED. AID PROJECT

*586/592



LEGEND

	PAVEMENT REMOVAL		DRIVEWAY PAVEMENT REMOVAL		MEDIAN REMOVAL		APPROACH SLAB REMOVAL
	PAVED SHOULDER REMOVAL		GUTTER REMOVAL		COMBINATION CURB AND GUTTER REMOVAL		BRIDGE APPROACH SHOULDER REMOVAL



USER NAME	• Linda	DESIGNED	- ESW	REVISED	-
MODEL NAME	• REM PLAN 09	DRAWN	- LEC	REVISED	-
PLOT SCALE	• 40,0000' / in.	CHECKED	- BRM	REVISED	-
PLOT DATE	• 3/6/2024	DATE	- 10/8/2021	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

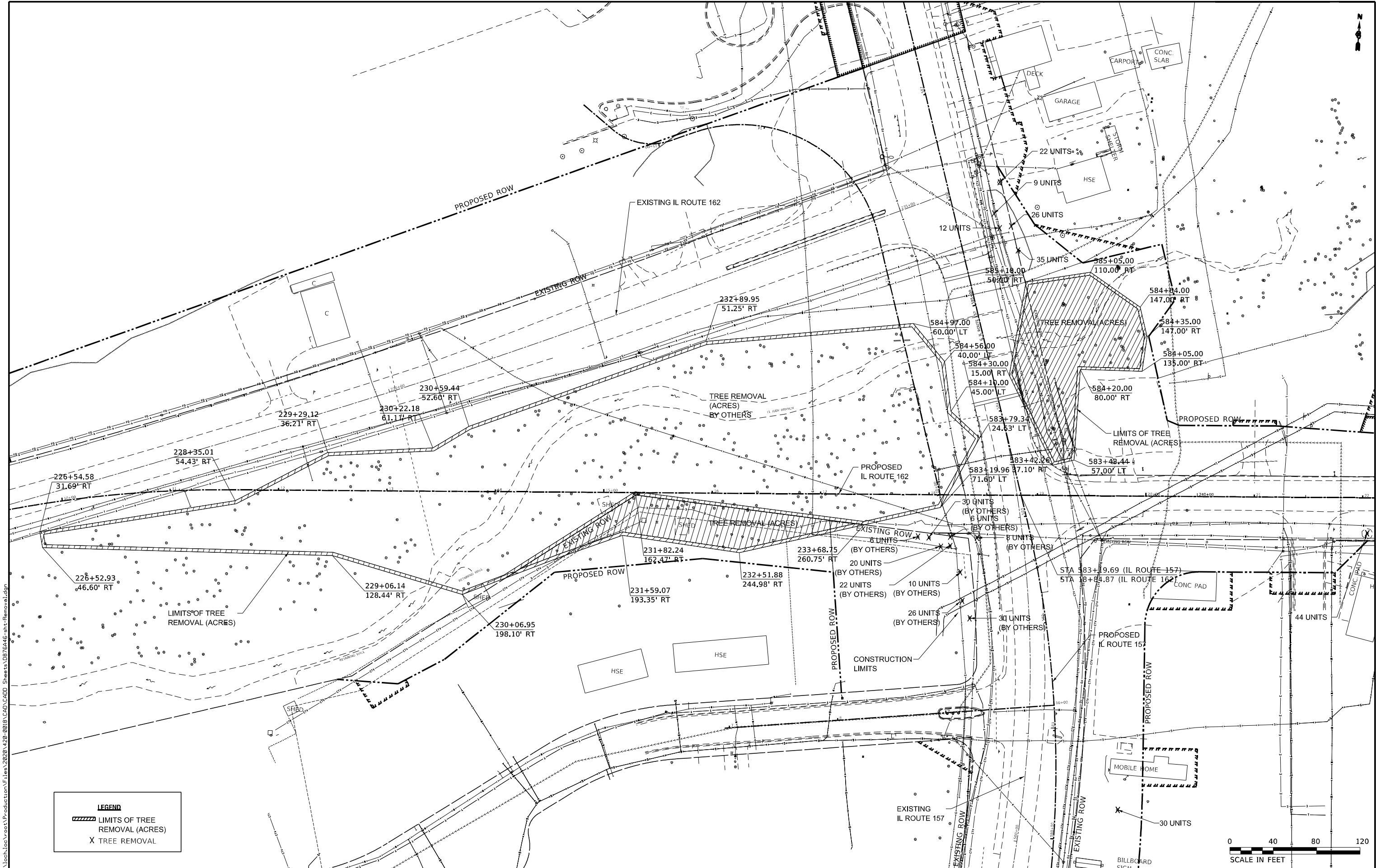
**REMOVAL PLANS
IL ROUTE 157**

SCALE: 1"=20' SHEET 9 OF 10 SHEETS STA 590+50.00 TO STA 595+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	71
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

*586/592

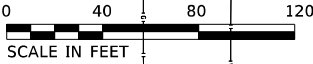
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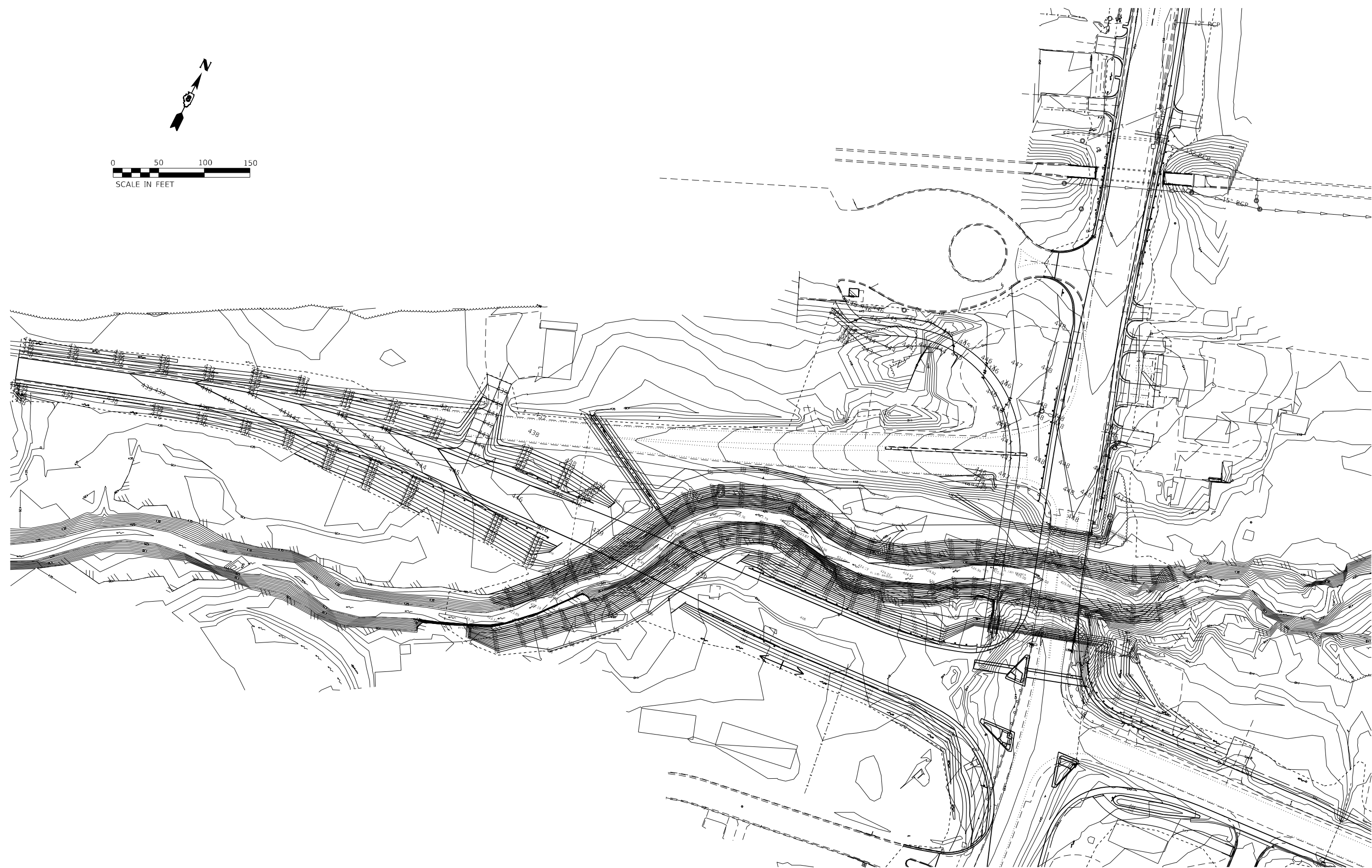
LEGEND

LIMITS OF TREE
REMOVAL (ACRES)

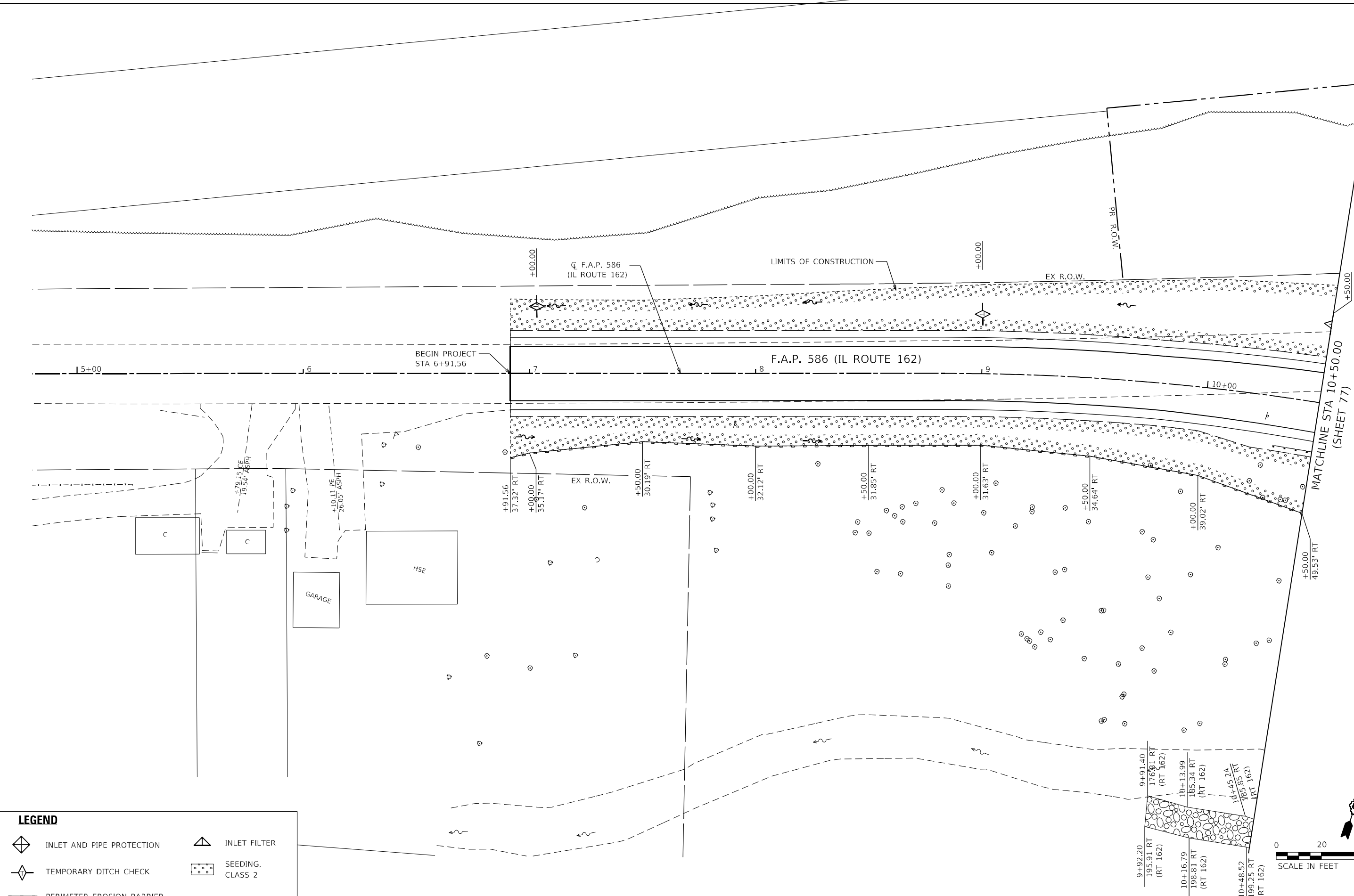
X TREE REMOVAL



FILE NAME:  1028 S/A Bradley R. Smith Drive Troy, IL 61864 PHONE: 618.667.1400	USER NAME	▪ Alex.Hueltkamp	DESIGNED	- ESW	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TREE REMOVAL PLAN IL ROUTE 162			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL NAME	▪ TREE REM PLAN 01-ALT	DRAWN	- LEC	REVISED	-					*	51-1R	MADISON	296	72
	PLOT SCALE	▪ 80.0000"/in.	CHECKED	- BRM	REVISED	-					CONTRACT NO. 76A46				
	PLOT DATE	▪ 6/24/2024	DATE	- 10/8/2021	REVISED	-					ILLINOIS FED. AID PROJECT				
	SCALE: 1"=40'			SHEET	10	OF					10	SHEETS	STA 9+75.00 TO STA 20+00.00		



MODEL: Default
FILE NAME: C:\Users\jgibbs\OneDrive\Documents\20240320-1581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_PN_II_DS-08-009-04 - FEI PRIME\CADD\CADD_Sheets\1075-D75A46-shc-Fordon_Control-1.dgn



 INLET AND PIPE PROTECTION

 TEMPORARY DITCH CHECK

 PERIMETER EROSION BARRIER

 INLET FILTER

 SEEDING,
CLASS 2

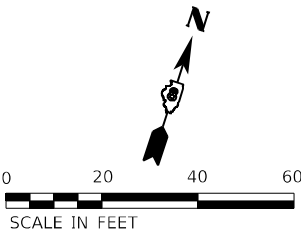
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		DRAWN -	REVISED -
	PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
	PLOT DATE = 6/27/2024	DATE -	REVISED -

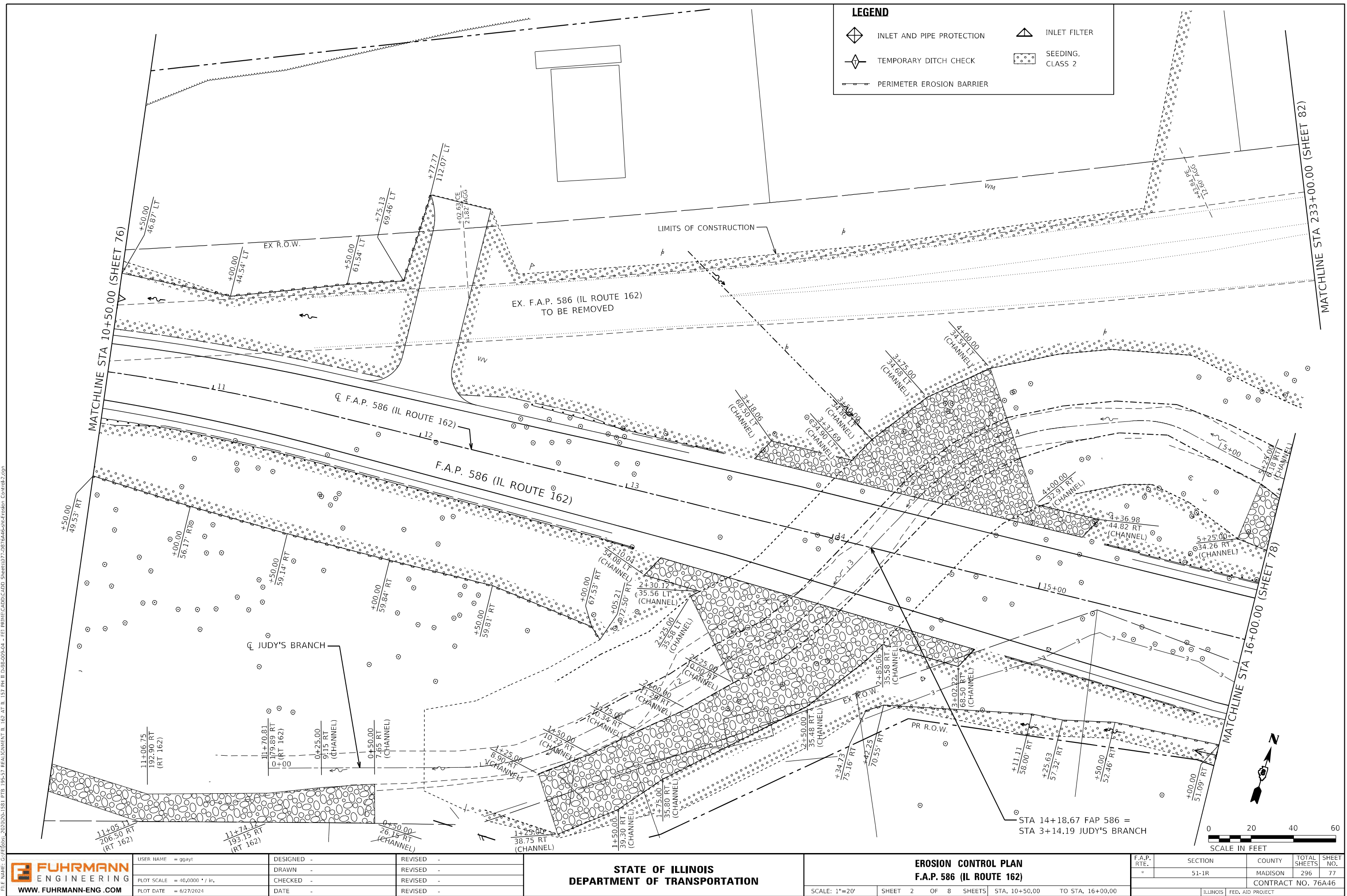
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
F.A.P. 586 (IL ROUTE 162)

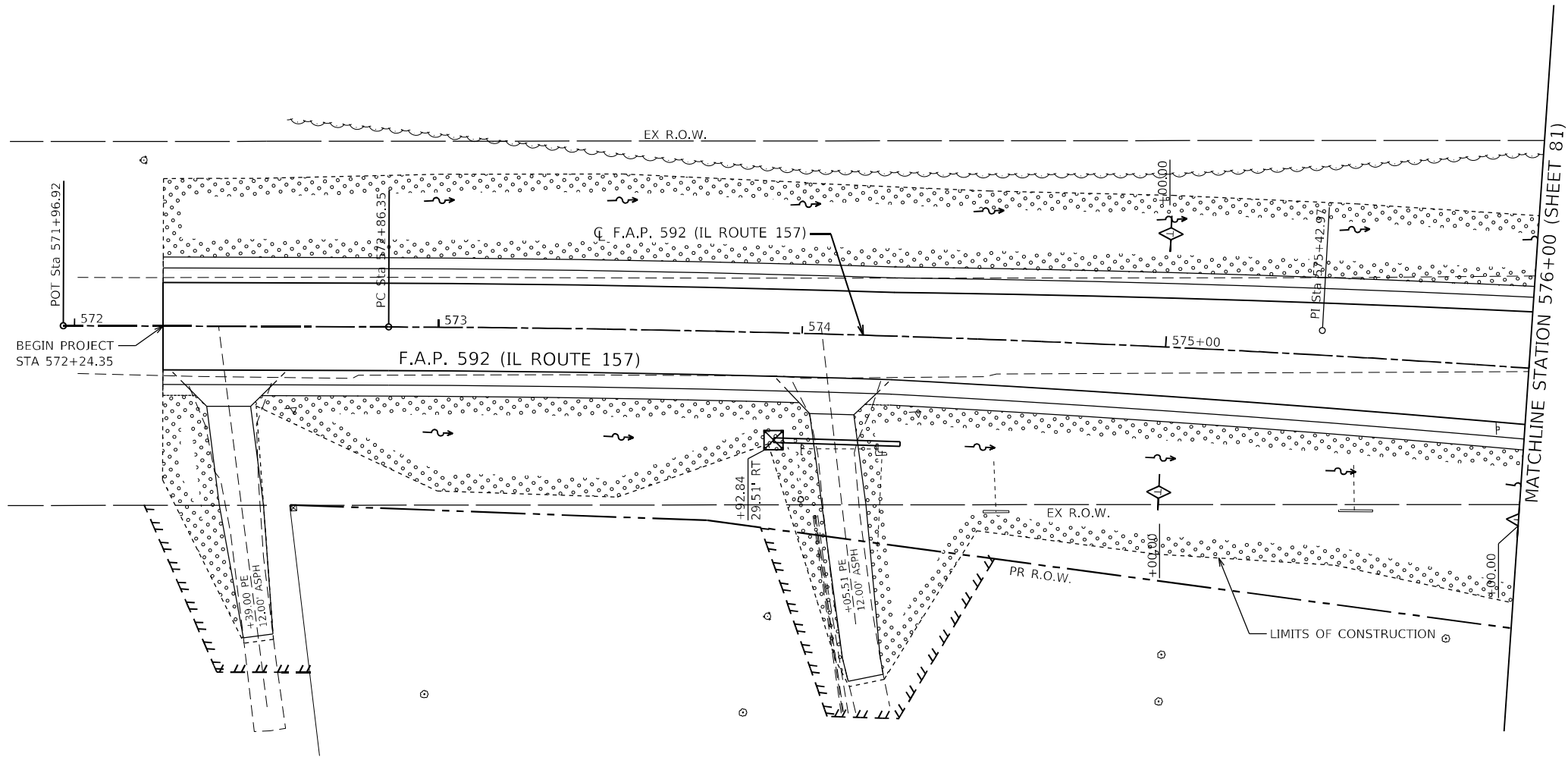
SCALE: 1"=20' SHEET 1 OF 8 SHEETS STA. 6+91.56 TO STA. 10+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	76
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				





Model: Default
File Name: C:\Users\ggayt\OneDrive\Documents\20240620-1581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_PN_II_DS-08-009-04 - FEI PRIME\CADD\CADD_Sheets\108\0976446-shc-Erosion_Control-5.dgn



LEGEND

-  INLET AND PIPE PROTECTION
-  INLET FILTER
-  TEMPORARY DITCH CHECK
-  SEEDING, CLASS 2
-  PERIMETER EROSION BARRIER



USER NAME = ggayt	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 6/27/2024	DATE -	REVISED -

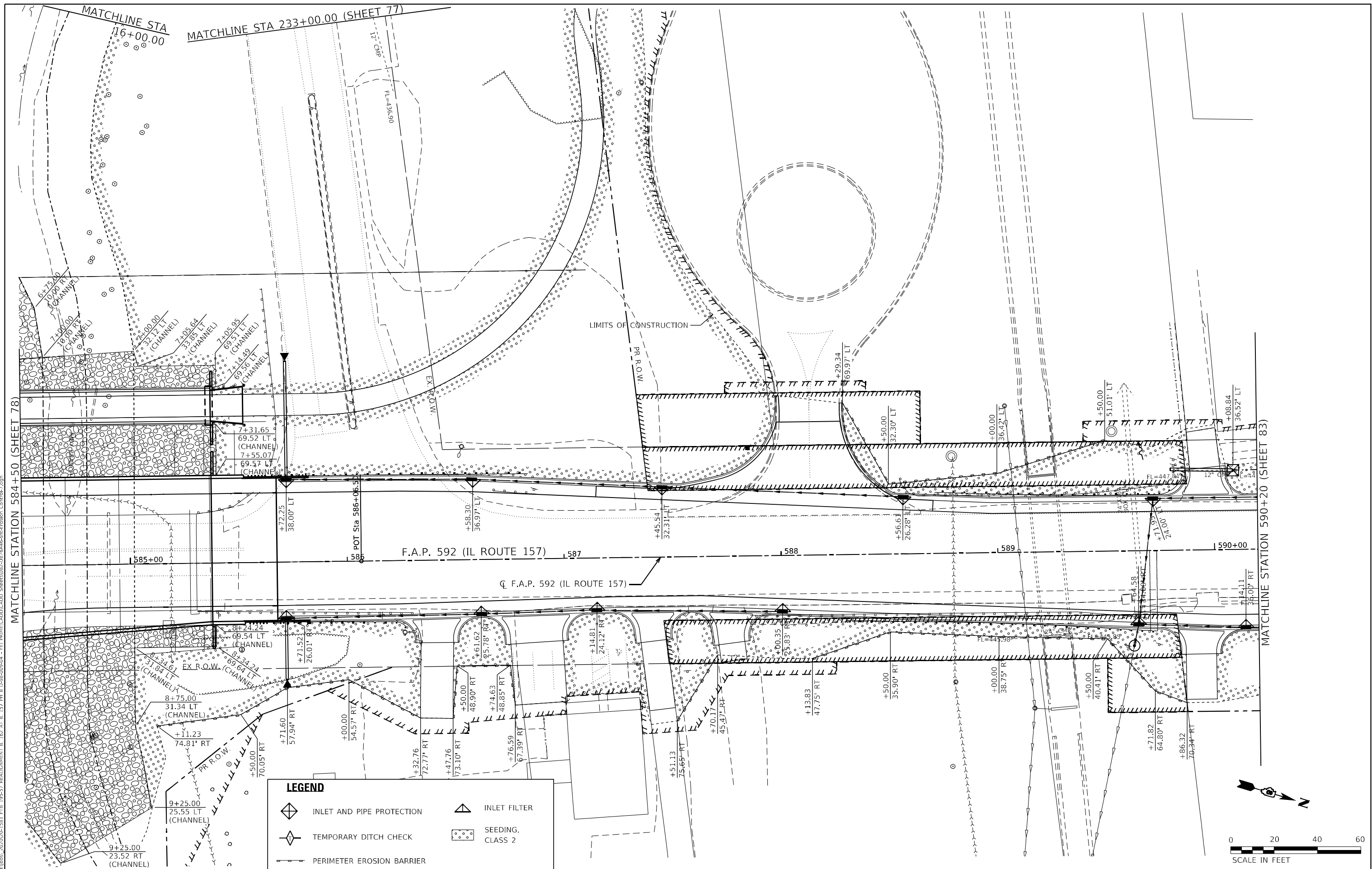
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
F.A.P. 592 (IL ROUTE 157)

SCALE: 1"=20' SHEET 5 OF 8 SHEETS STA. 572+24.35 TO STA. 576+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	80
		CONTRACT NO. 76A46		
ILLINOIS		FED. AID PROJECT		

* 586/592



MODEL: 2020/0-1581 PTB 95-57 REALIGNMENT IL 162 AT IL 157 PH II D-96-009-04 - FEI PRIME/CADD/C4DD Sheets(082-0876AA6-sitt-Froslen Control-7.com
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USER NAME = untitled	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/18/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

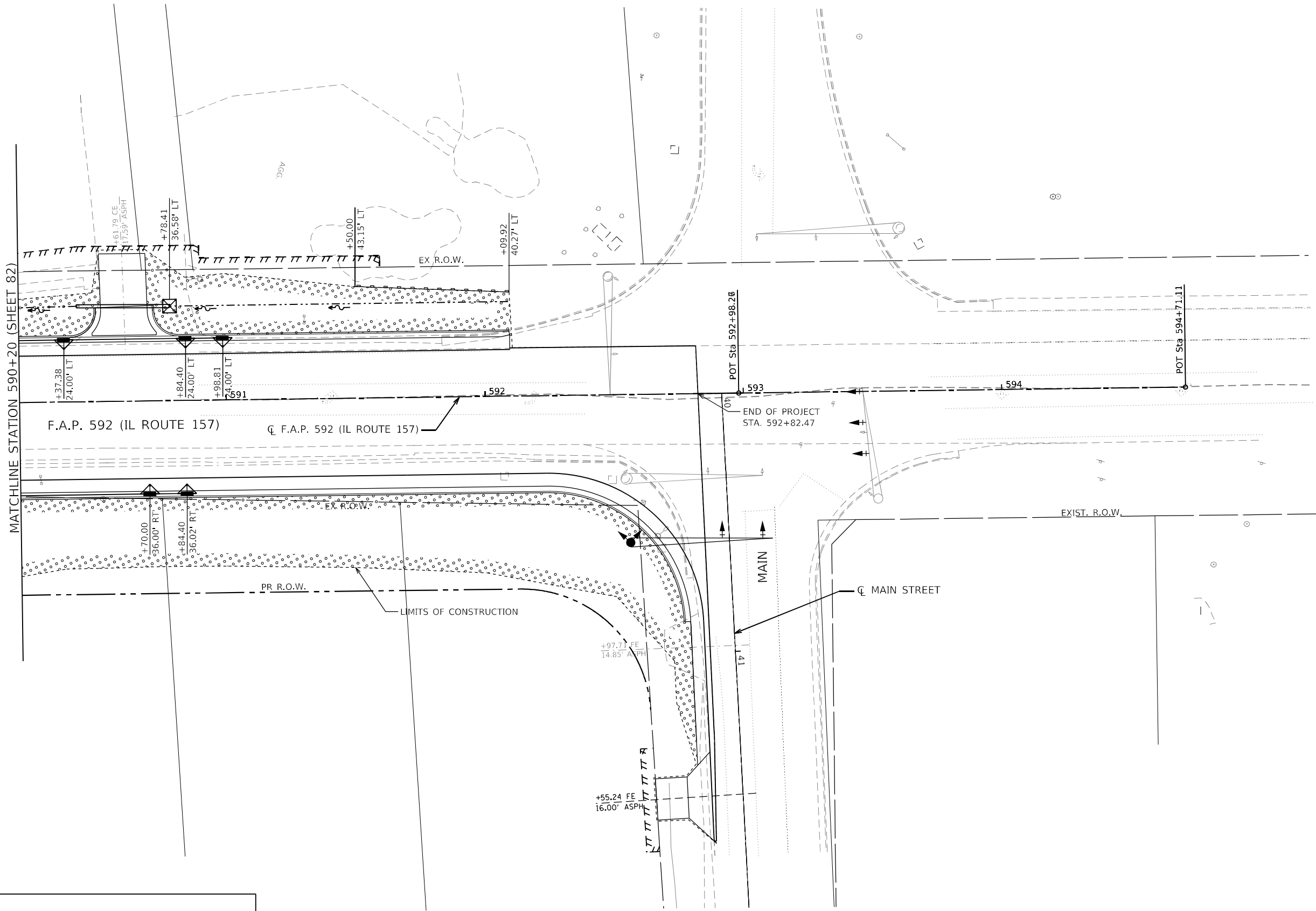
EROSION CONTROL PLAN
F.A.P. 592 (IL ROUTE 157)

SCALE: 1"=20'	SHEET 7 OF 8 SHEETS	STA. 584+50.00 TO STA. 590+20.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	82
		CONTRACT NO. 76A46		
ILLINOIS		FED. AID PROJECT		

* 586/592

MODEL: C:\FEI\Bids\2020\20-1581.PTB 195-57 REALIGNMENT IL 162 AT IL 157 PH II DS-8-009-04 - FEI PRIME/CADD/CADD Sheets\083-D876A46-shc-Erosion Control-8.dgn



LEGEND			
	INLET AND PIPE PROTECTION		INLET FILTER
	TEMPORARY DITCH CHECK		SEEDING, CLASS 2
	PERIMETER EROSION BARRIER		

FUHRMANN ENGINEERING WWW.FUHRMANN-ENG.COM	USER NAME = untitled	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
	PLOT DATE = 12/18/2024	DATE -	REVISED -

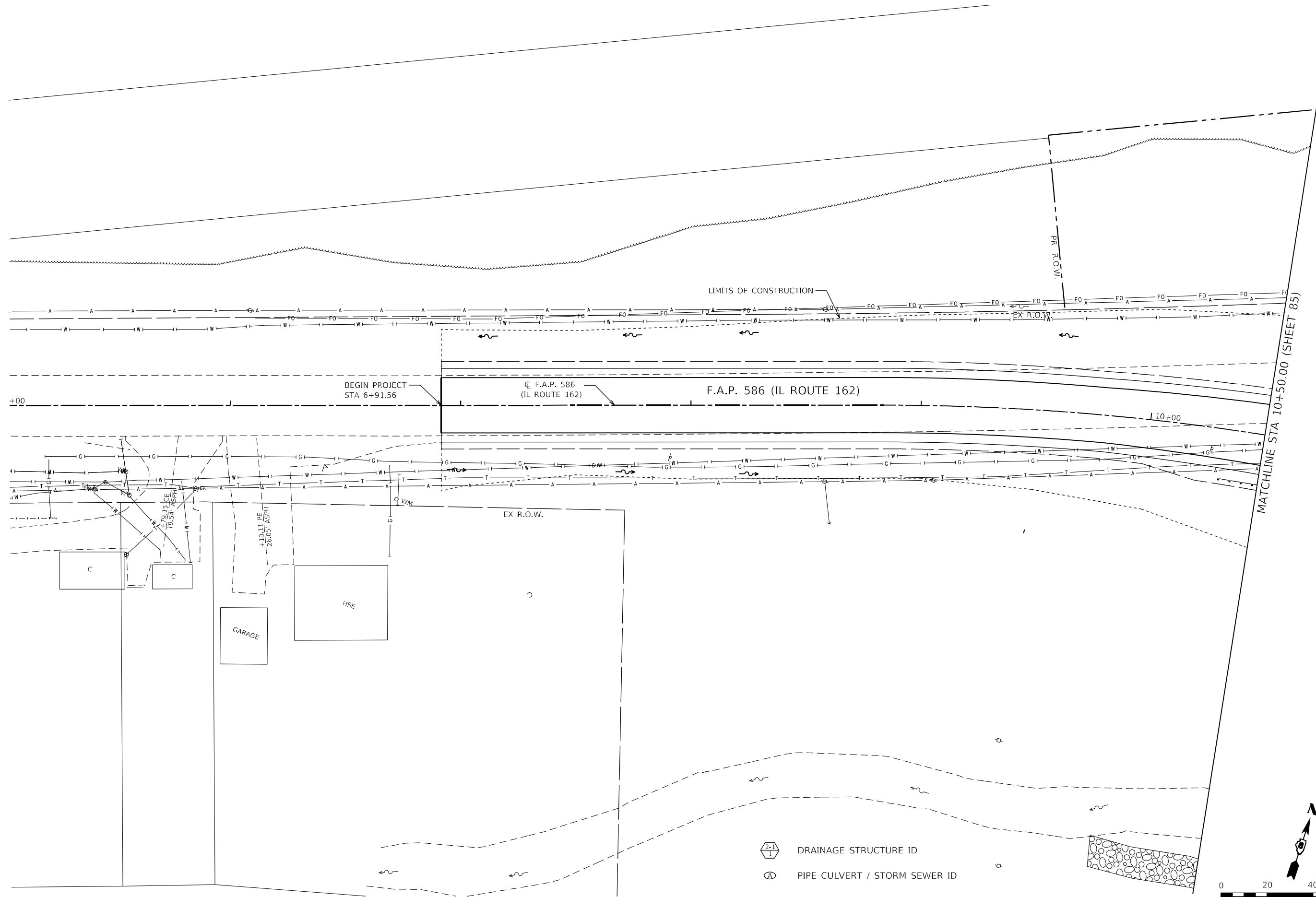
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
F.A.P. 592 (IL ROUTE 157)

SCALE: 1"=20' SHEET 8 OF 8 SHEETS STA. 590+20.00 TO STA. 592+82.47

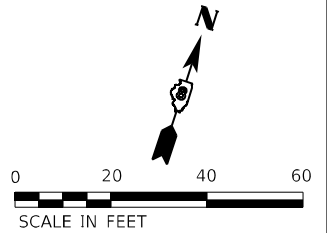
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
51-1R	MADISON	296	83	
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

Model: Default
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SEE STORM SEWER PROFILES FOR DRAINAGE STRUCTURE INFORMATION

- DRAINAGE STRUCTURE ID
- PIPE CULVERT / STORM SEWER ID



USER NAME = ggayt	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 6/27/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

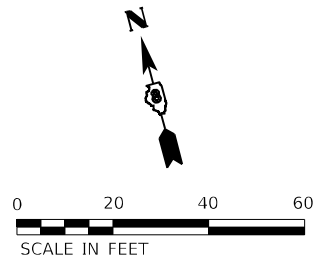
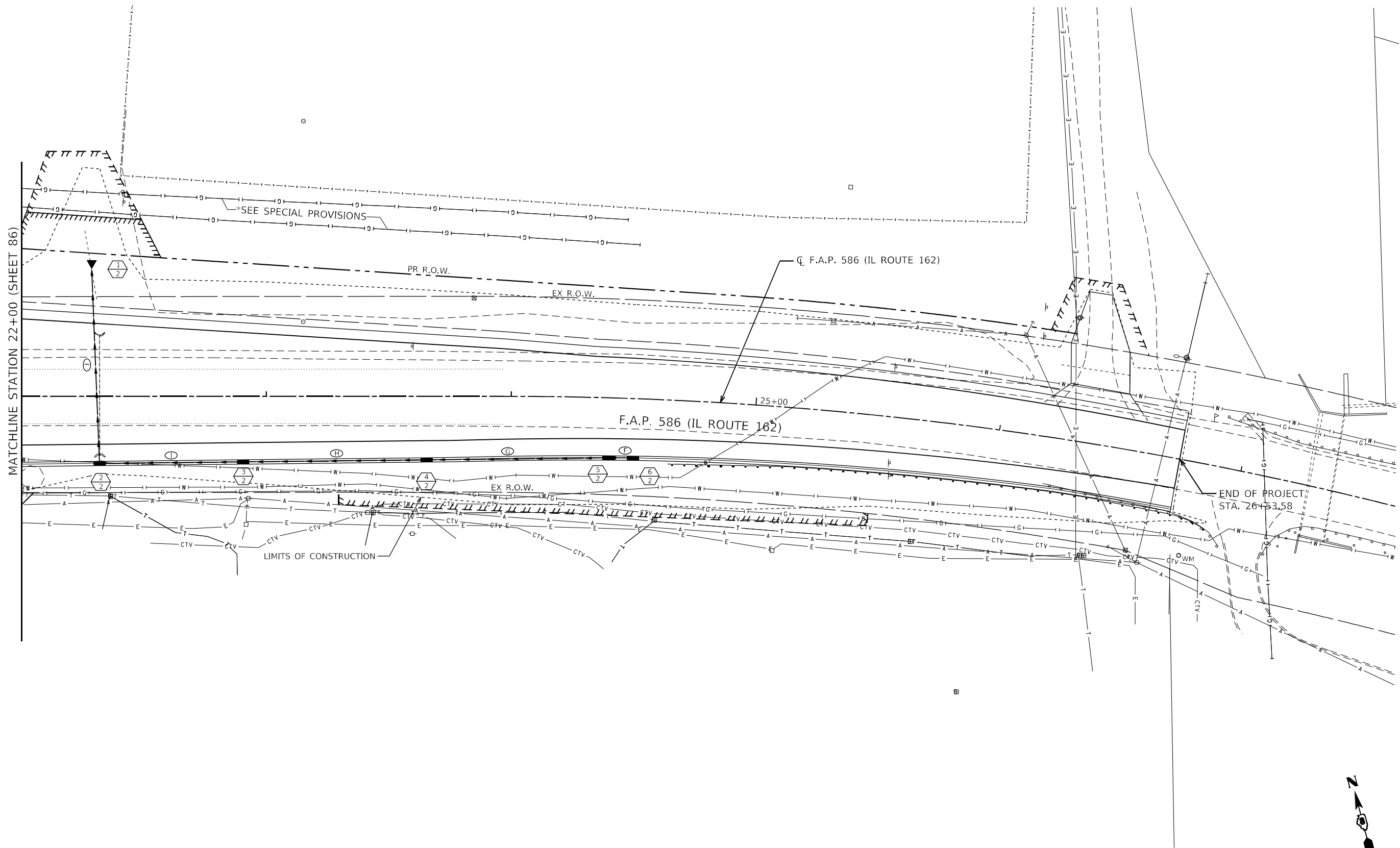
DRAINAGE AND UTILITIES PLAN
F.A.P. 586 (IL ROUTE 162)

SCALE: 1"=20' SHEET 1 OF 8 SHEETS STA. 6+91.56 TO STA. 10+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	84
		CONTRACT NO. 76A46		
ILLINOIS		FED. AID PROJECT		

ILLINOIS FED. AID PROJECT

* 586/592



- DRAINAGE STRUCTURE ID
- PIPE CULVERT / STORM SEWER ID

SEE STORM SEWER PROFILES FOR DRAINAGE STRUCTURE INFORMATION

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FUHRMANN
ENGINEERING
WWW.FUHRMANN-ENG.COM

USER NAME = ggayt	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 6/27/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

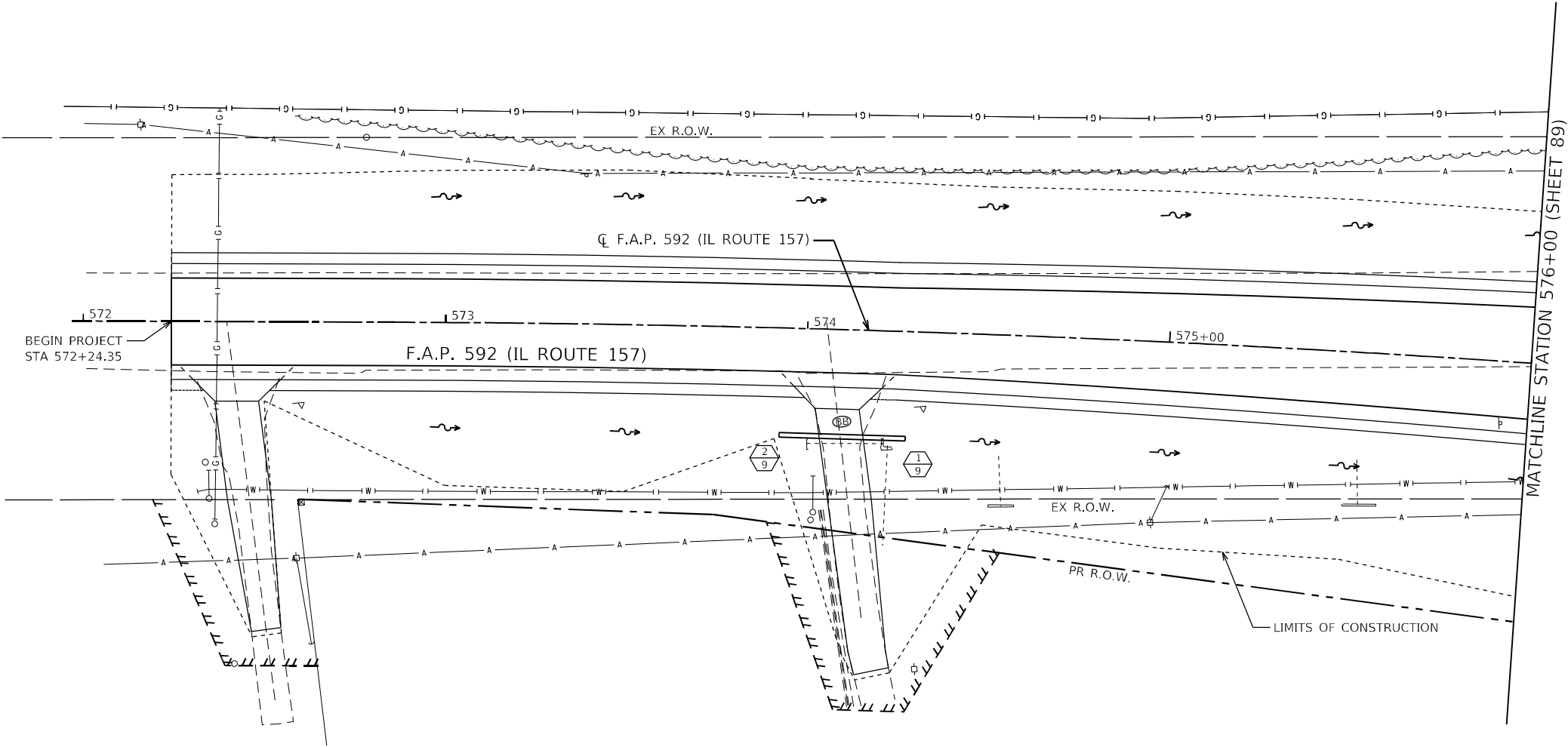
DRAINAGE AND UTILITIES PLAN
F.A.P. 586 (IL ROUTE 162)

SCALE: 1"=20'	SHEET 4 OF 8 SHEETS	STA. 22+00.00 TO STA. 26+53.58
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	51-1R	MADISON	296	87
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

* 586/592

MODEL: Default
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DRAINAGE STRUCTURE ID



PIPE CULVERT / STORM SEWER ID

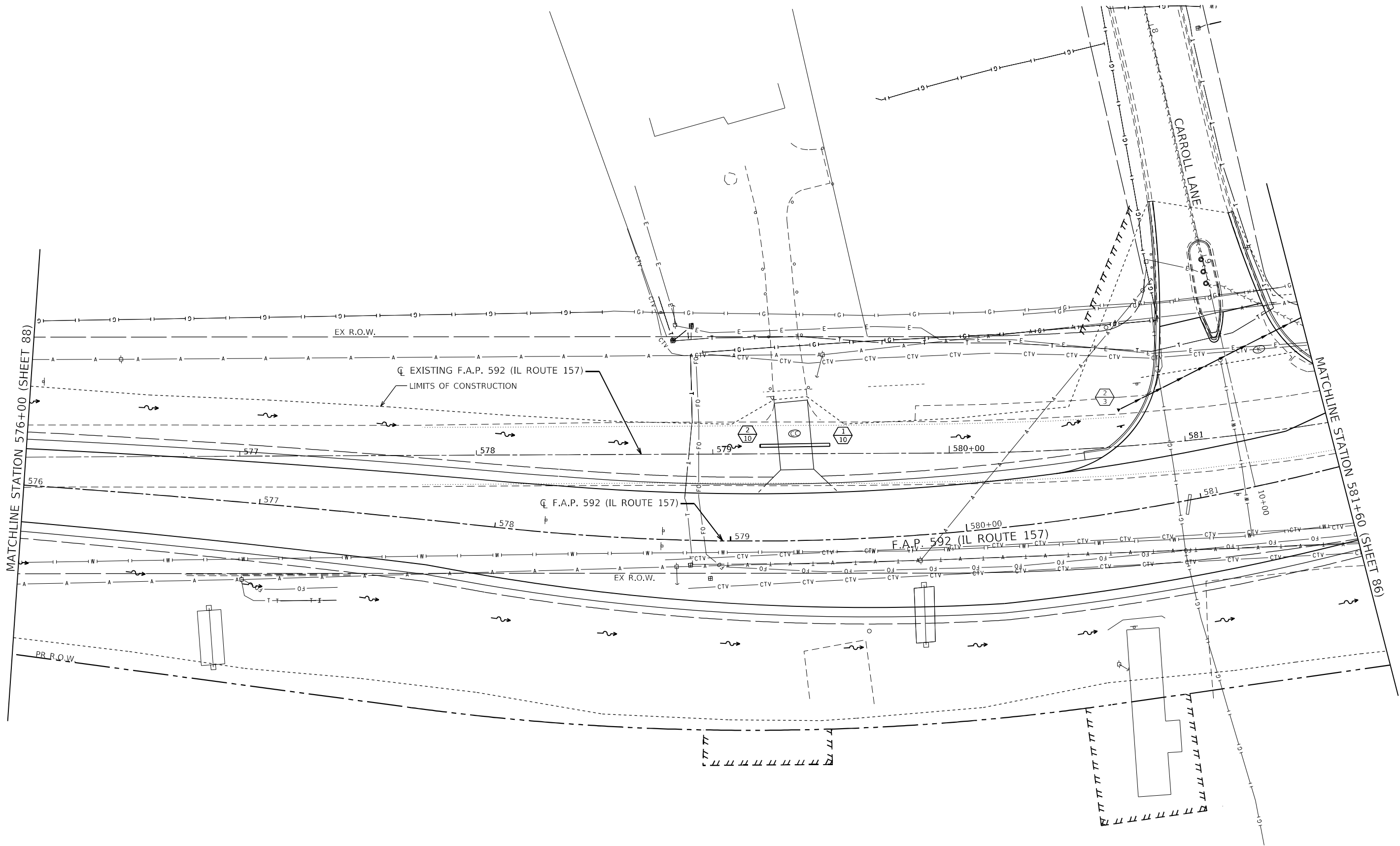
SEE STORM SEWER PROFILES FOR DRAINAGE STRUCTURE INFORMATION



USER NAME = ggayt	DESIGNED -	REVISED -
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	88
		CONTRACT NO. 76A46		
ILLINOIS		FED. AID PROJECT		

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PLOT DATE: 6/27/2024



DRAINAGE STRUCTURE ID



PIPE CULVERT / STORM SEWER ID

SEE STORM SEWER PROFILES FOR DRAINAGE STRUCTURE INFORMATION



USER NAME = ggayt	DESIGNED -	REVISED -
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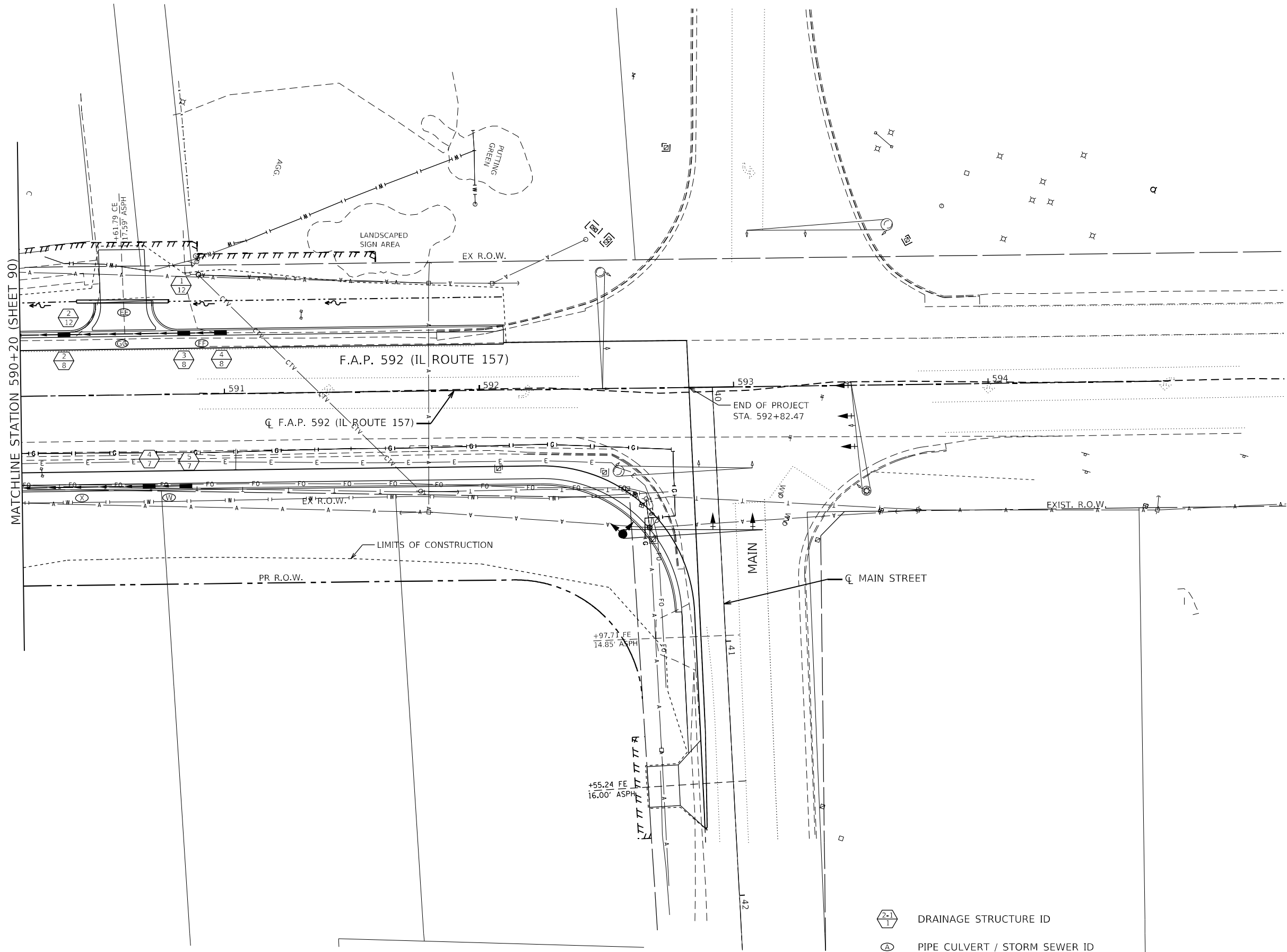
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES PLAN
F.A.P. 592 (IL ROUTE 157)

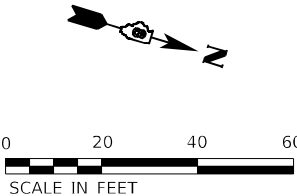
SCALE: 1"=20' SHEET 6 OF 8 SHEETS STA. 576+00.00 TO STA. 581+60.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
51	51-1R	MADISON	296	89
		CONTRACT NO. 76A46		
ILLINOIS		FED. AID PROJECT		

* 586/592



- 2-1 DRAINAGE STRUCTURE ID
- 1 PIPE CULVERT / STORM SEWER ID



SEE STORM SEWER PROFILES FOR DRAINAGE STRUCTURE INFORMATION

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PLOT DATE = 12/18/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES PLAN
F.A.P. 592 (IL ROUTE 157)

SCALE: 1"=20' SHEET 8 OF 8 SHEETS STA. 590+20.00 TO STA. 592+82.47

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
51	51-1R	MADISON	296	91
		CONTRACT NO. 76A46		
ILLINOIS		FED. AID PROJECT		

586/592

MODEL: C:\Users\jg\OneDrive\Documents\2020\20-1581_PTB_195-57_REALIGNMENT_IL_162_AT_IL_157_PN_II_D508-009-04 - FEI PRIME CADD\CADD_Sheets\195-57-095-D087646-sh1-Storm_Sewers.dgn
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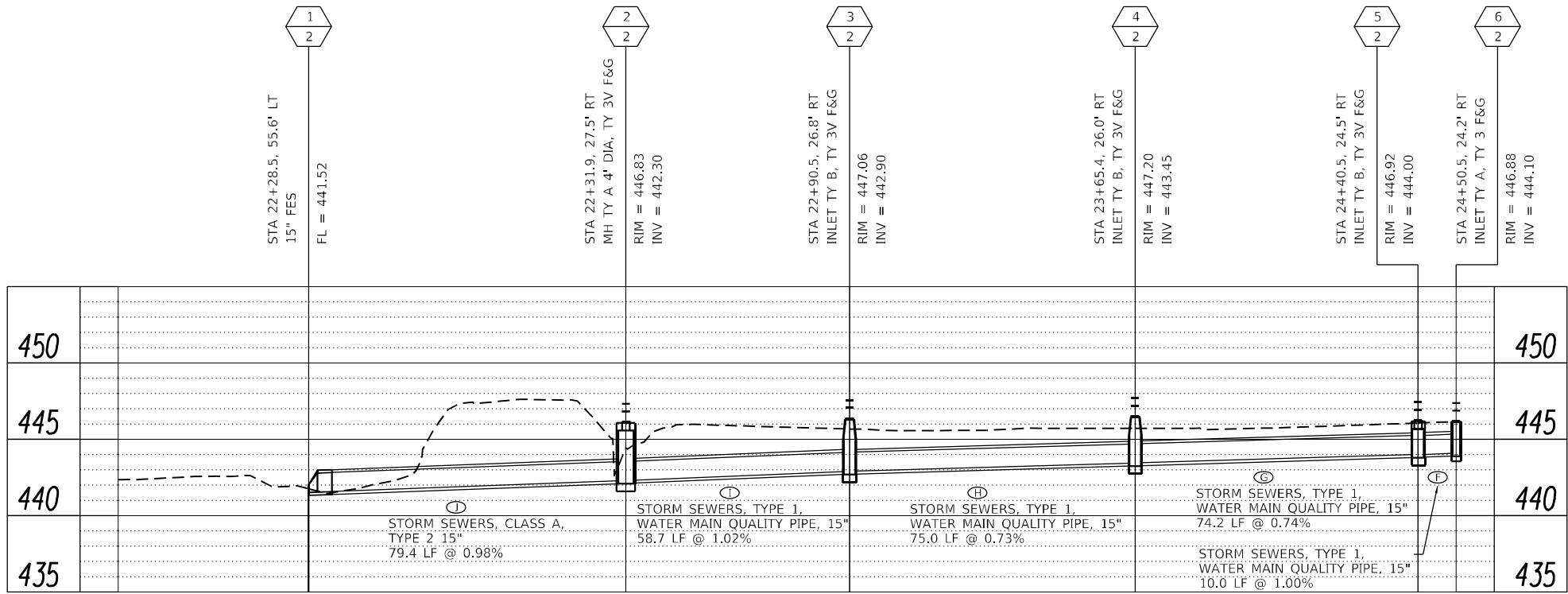
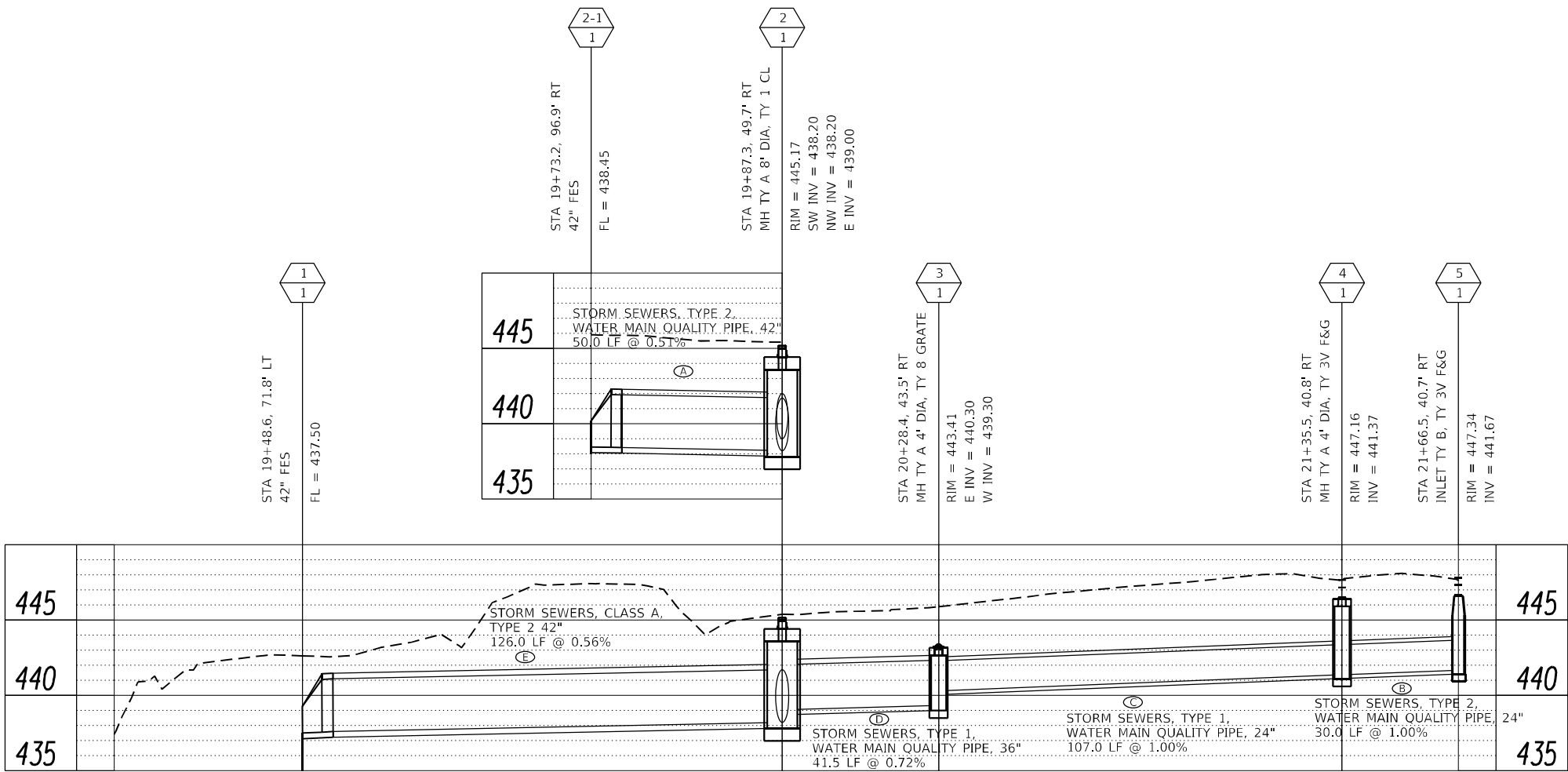
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM SEWER PROFILES

SCALE: 20H : 5V SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	92
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

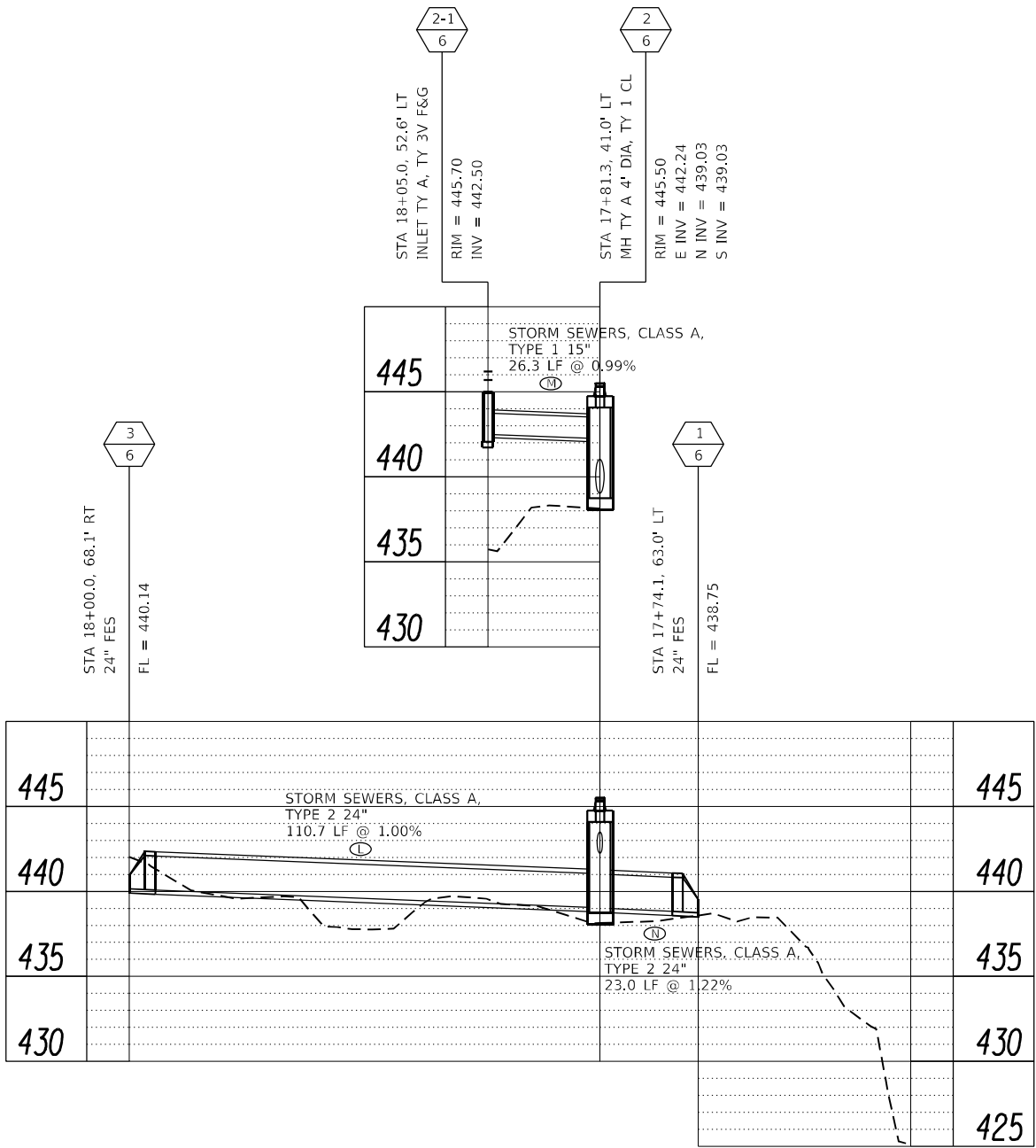
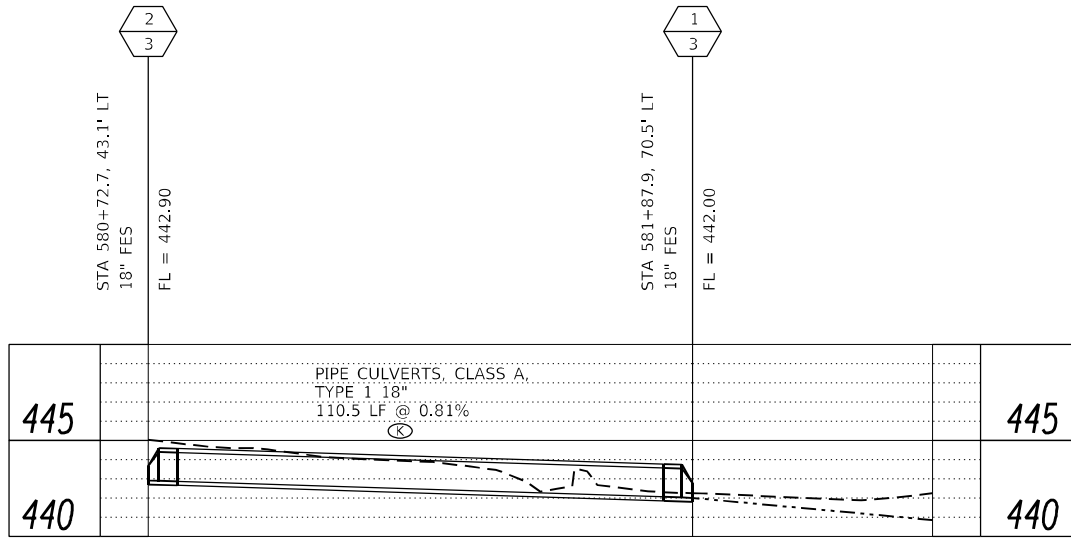
* 586/592



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	DRAWN -	REVISED -
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	93
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				



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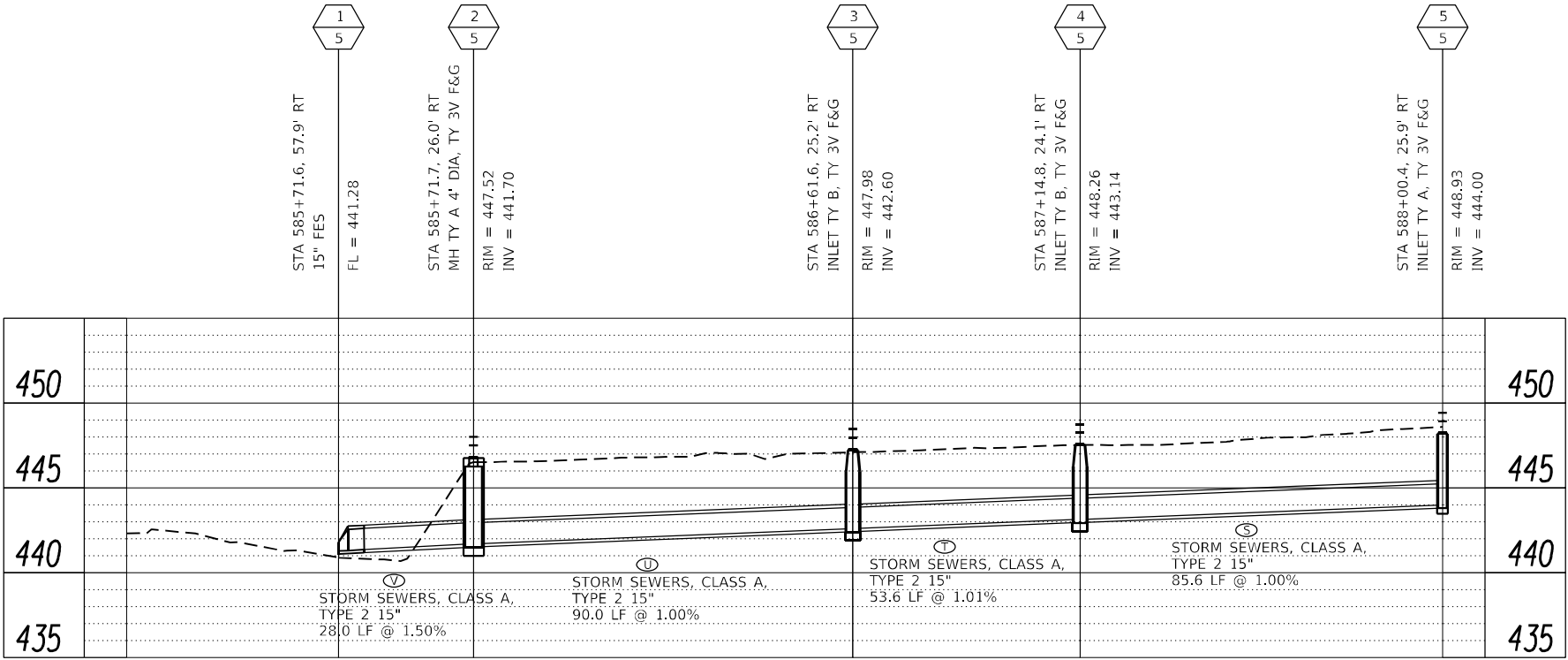
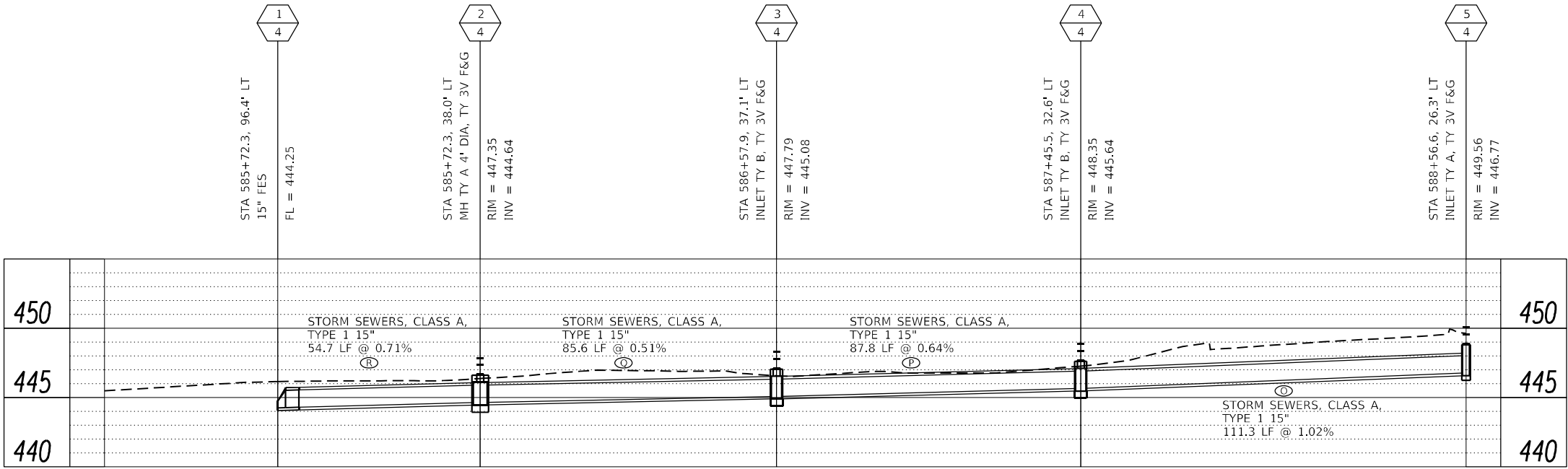
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM SEWER PROFILES

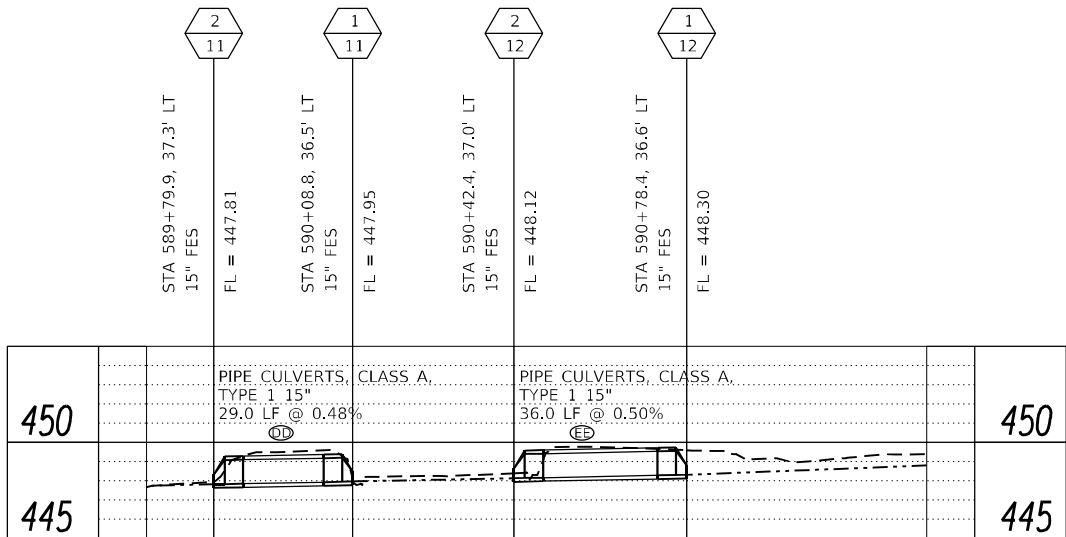
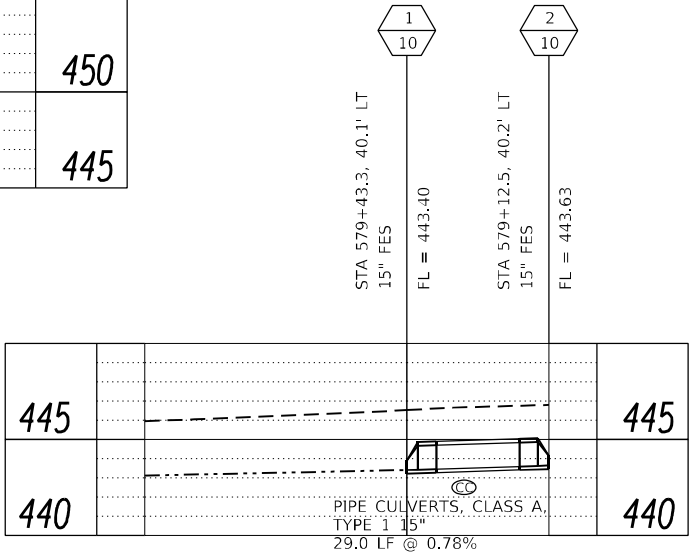
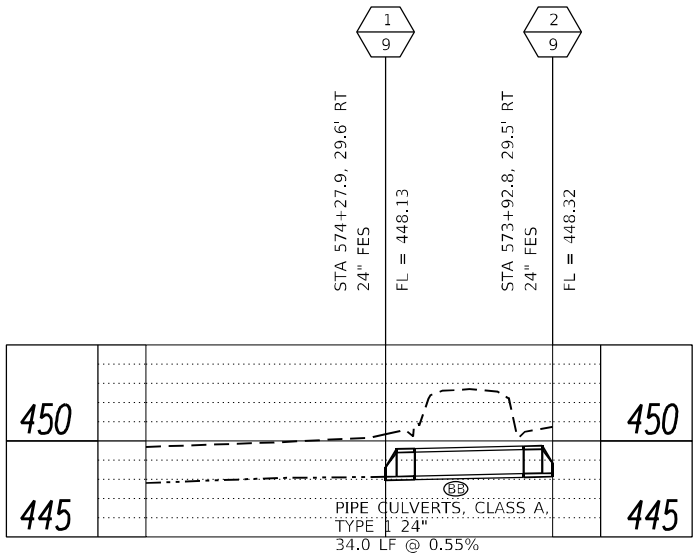
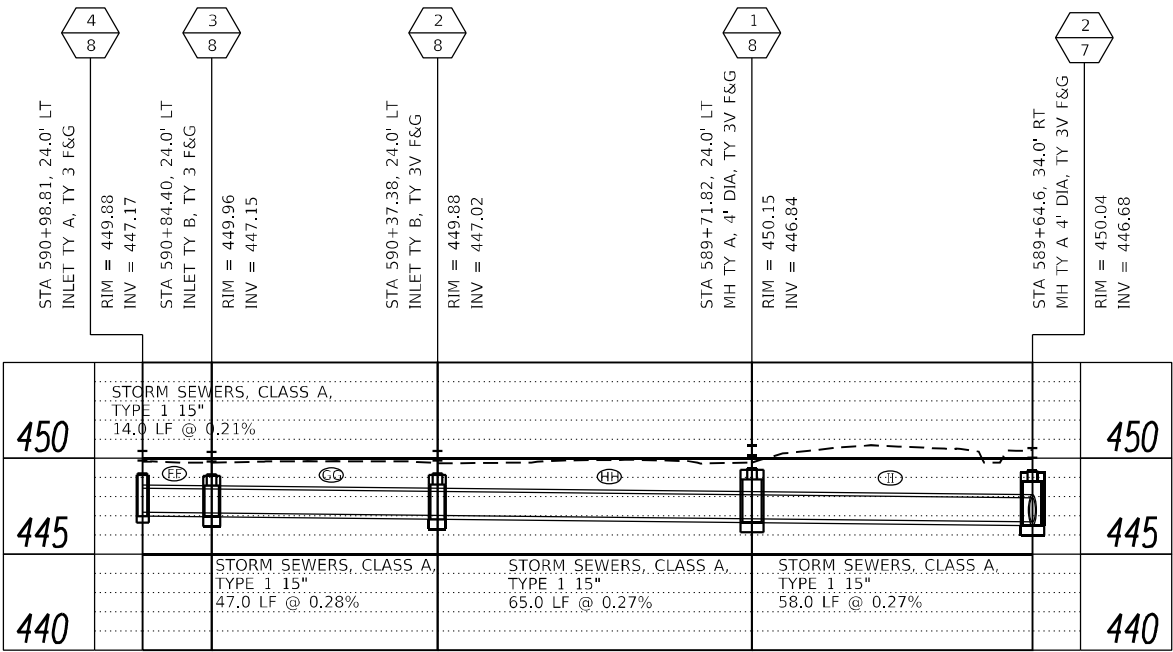
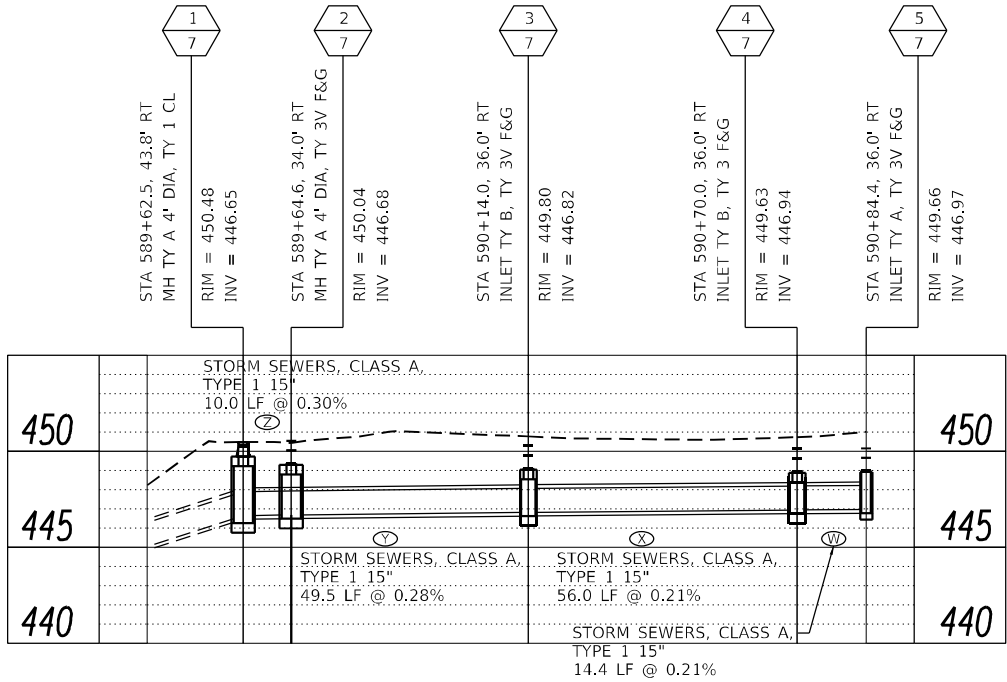
SCALE: 20H : 5V SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	51-1R	MADISON	296	94
CONTRACT NO. 76A46				
ILLINOIS FED. AID PROJECT				

* 586/592



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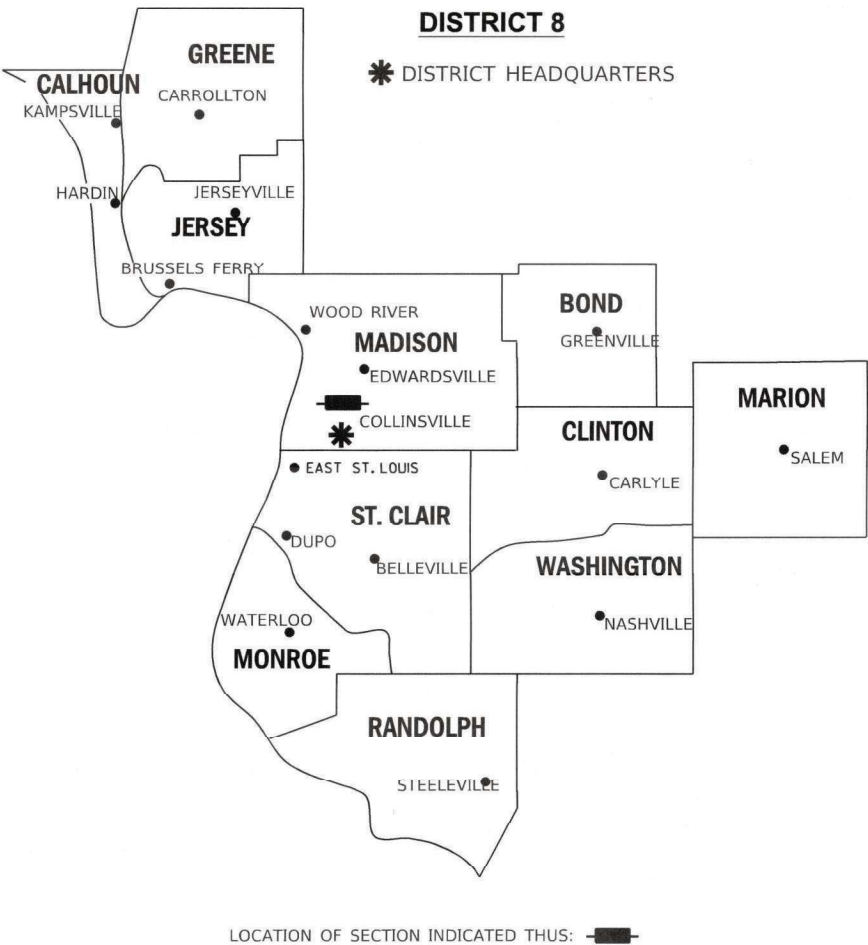
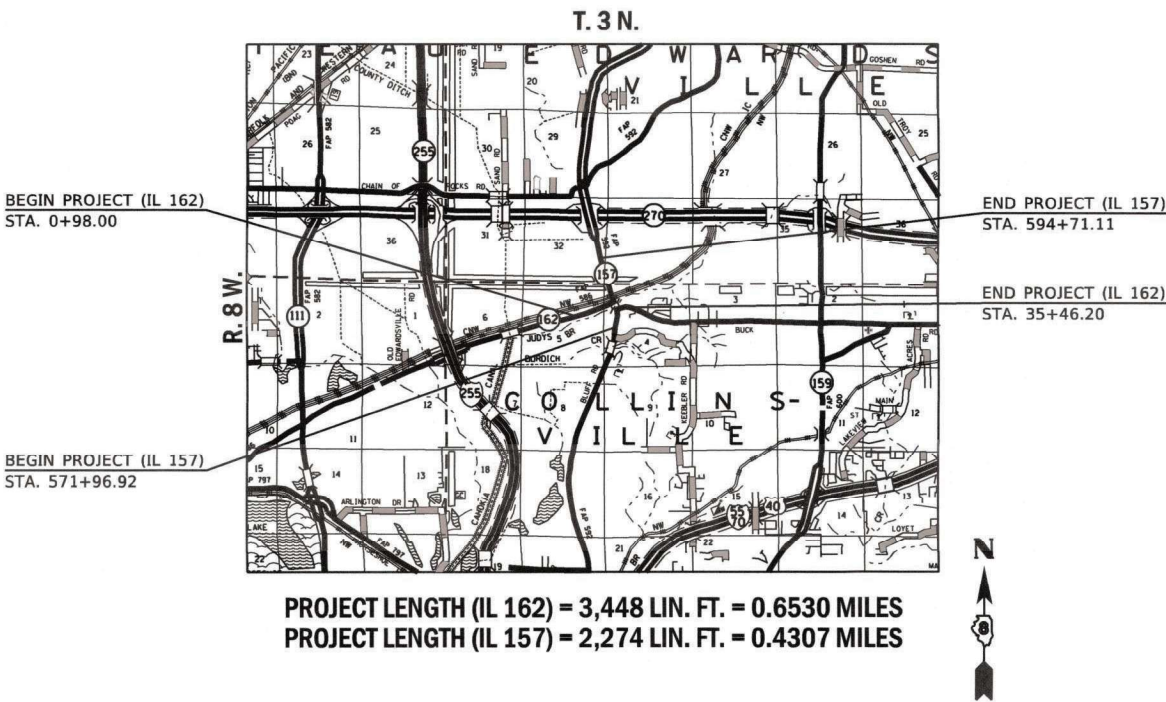
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION

PLAT OF HIGHWAYS

FAP ROUTE 586 (IL 162)
FAP ROUTE 592 (IL 157)
SECTION 51-1R
MADISON COUNTY
JOB NO. R-98-003-10

SHEET INDEX		
SHEET NO.	STATION to STATION	DESCRIPTION
1	-	COVER SHEET
2	-	LEGEND & GENERAL NOTES
3	0+98-8+00 (162)	PLAT OF HIGHWAY
4	8+00-18+00 (162)	PARCELS 8003001, 002, 025
5	12+00-18+00 (162)	PARCELS 8003003-010
6	18+00-31+00 (162)	PARCELS 8003012-014
7	572+00-580+00 (157)	PARCELS 8003011, 012, 017
8	584+00-589+00 (157)	PARCELS 8003016, 018-020, 024
9	589+00-593+00 (157)	PARCELS 8003021-023
10	-	TOTAL HOLDING
11	-	TOTAL HOLDING
12	-	TOTAL HOLDING
13	-	CONTROL POINT TIE SHEET

SPACE RESERVED FOR RECORDING OFFICER



PREPARED BY:

1500 EASTPORT PLAZA DRIVE
SUITE 200
COLLINSVILLE, IL 62234
618.345.8918
IL DESIGN FIRM # 184.004027

VOLKERT



NATHAN T. DOZIER, PLS. NO. 3723
LICENSE EXPIRATION DATE: 11/30/2024

SHEET 1 OF 13

ILLINOIS DEPARTMENT OF TRANSPORTATION OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586/592	51-1R	MADISON	096	296
CONTRACT NO. 76A46				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

TRAFFIC SIGNAL GULFBOX	○	DRAINAGE FLOW LINE	FL
TRAFFIC SIGNAL HANDHOLE	□	RIP RAP	—●—●—●—●—
TRAFFIC SIGNAL SIGNAL POST	○	HEADWALL	—△—
TRAFFIC SIGNAL STEEL MAST ARM	—	CULVERT END SECTION	—○—
TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON	●	DRAINAGE MANHOLE	—○—
TRAFFIC SIGNAL WOODEN POLE	●	INLET	—□—
TRAFFIC SIGNAL VEHICLE DETECTION PRIORITY	△	ROADWAY DITCH FLOW	—→—
TRAFFIC SIGNAL VEHICLE DETECTION MAGNET	—	VEGETATION LINE	—~—~—~—~—
TRAFFIC SIGNAL JUNCTION BOX	□	STUMP	—■—
TRAFFIC SIGNAL CONTROLLER	□	SHRUB	—○—
TRAFFIC SIGNAL HEAVY DUTY HANDHOLE	□	EVERGREEN TREE	—▽—
RAILROAD CANTILEVER MAST ARM	—■—■—■—	DECIDUOUS TREE	—○—
RAILROAD CROSSBUCK	—■—■—■—	WOODS/BUSH LINE	—~—~~—~—~—
RAILROAD TRACK	— — — —	TRAFFIC SIGN	—■—
RAILROAD TRACK (ABANDONED)	— — — —	GUARDRAIL POST	—■—
RAILROAD CROSSGATE	—■—■—■—	GUARDRAIL	—■—
RAILROAD CONTROL BOX	—■—■—■—	FIELD LINE	—■—
RAILROAD FLASHING SIGNAL	—■—■—■—	LEVEE/NOISE BARRIER	—■—
UTILITY TELEPHONE SPLICE BOX	—■—■—■—	FENCE	—■—
UTILITY POWER POLE	—■—■—■—	MAIL BOX	—■—
UTILITY TRAFFIC SIGNAL	—■—■—■—	ADVERTISING SIGN	—■—
UTILITY LIGHT POLE	—■—■—■—	MARSH	—■—
UTILITY FIRE HYDRANT	—■—■—■—	LIGHTING HANDHOLE	—■—
UTILITY MANHOLE	—■—■—■—	LIGHTING POWER POLE	—■—
UTILITY TELEPHONE POLE	—■—■—■—	LIGHTING JUNCTION BOX	—■—
UTILITY GUY ANCHOR	—■—■—■—	LIGHTING HEAVYDUTY HANDHOLE	—■—
UTILITY PIPELINE WARNING SIGN	—■—■—■—	LIGHTING CONTROLLER	—■—
UTILITY HANDHOLE	—■—■—■—	LIGHTING PULL POINT	—■—
UTILITY SPLICE BOX	—■—■—■—	HIGHWAY LIGHTING ELECTRICAL GROUND	—■—
UTILITY JUNCTION BOX	—■—■—■—	HIGHWAY LIGHTING SINGLE UNIT	—■—
UTILITY HEAVY DUTY HANDHOLE	—■—■—■—	HIGHWAY LIGHTING DOUBLE UNIT	—■—
UTILITY DOUBLE HANDHOLE	—■—■—■—	EXISTING CONCRETE BARRIER	—■—
UTILITY CONTROLLER	—■—■—■—	EXISTING CREEK OR DITCH	—■—
UTILITY WATER METER	—■—■—■—	EXISTING EDGE OF PAVEMENT	—■—

RIGHT-OF-WAY LEGEND

	QUARTER SECTION CORNERS
	SECTION CORNERS
	EXISTING CENTERLINE
	EXISTING RIGHT-OF-WAY LINE
	FORMER RIGHT-OF-WAY LINE
	EXISTING IDOT EASEMENT LINE
	EXISTING EASEMENT LINE
	BUILDING SETBACK LINE
	EXISTING ACCESS CONTROL LINE
	EXISTING RIGHT-OF-WAY & PROPOSED ACCESS CONTROL LINE
	PROPOSED ACCESS CONTROL LINE
	PROPOSED CENTERLINE
	PROPOSED RIGHT-OF-WAY LINE
	PROPOSED TEMPORARY EASEMENT LINE
	PROPOSED PERMANENT EASEMENT LINE
	SECTION LINE
	QUARTER SECTION LINE
	QUARTER QUARTER SECTION LINE
	PROPERTY LINE (TITLE)
	RECORDED PLAT/DEED LINE
	APPARENT PROPERTY LINE
	SAME OWNERSHIP
	MEASURED DIMENSION
	RECORDED DIMENSION
	FOUND STONE
	FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
	SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
	PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
	SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
	FOUND CUT CROSS
	SET CUT CROSS

LEGEND FOR ABBREVIATIONS

A/C	ACCESS CONTROL
AC	ACRE
AVE	AVENUE
BK	BOOK
BLVD	BOULEVARD
CL	CENTERLINE
CAB	CABINET
CH	COUNTY HIGHWAY
Ch	CHAIN
CP	CONTROL POINT
CPS	COTTON PICKER SPINDLE
DB	DEED BOOK
E	EAST
EX	EXISTING
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAU	FEDERAL AID URBAN
FND	FOUND
ha	HECTARE
IP	IRON PIPE
IR	IRON ROD
LT	LEFT
N	NORTH
N/F	NOW OR FORMERLY
N & BC	NAIL AND BOTTLE CAP
N & C	NAIL AND CAP
N & W	NAIL AND WASHER
NE	NORTHEAST
NW	NORTHWEST
PB	PLAT BOOK
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
POT	POINT ON TANGENT
PL	PROPERTY LINE
PR	PROPOSED
R	RANGE
RD	ROAD
REC	RECORD
ROW	RIGHT-OF-WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
RT	RIGHT
RTE	ROUTE
S	SOUTH
SBI	STATE BOND ISSUE
SE	SOUTHEAST
SEC	SECTION
SQ FT	SQUARE FEET
SR	STATE ROUTE
ST	STREET
STA	STATION
SMK	SURVEY MARKER
SW	SOUTHWEST
T	TOWNSHIP
TR	TOWNSHIP ROAD
USGS	U.S. GEOLOGICAL SURVEY
W	WEST

PROPOSED PARCEL NUMBER LEGEND

8001001	PROPOSED FEE SIMPLE ACQUISITION
8001001PE	PROPOSED PERMANENT EASEMENT
8001001ITE	PROPOSED TEMPORARY EASEMENT
8001001DED	PROPOSED DEDICATION
8001001AC	PROPOSED ACCESS CONTROL LINE

CURVE ABBREVIATIONS

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
R	RADIUS OF CURVE
L	LENGTH OF CURVE
CB	CHORD BEARING
C	CHORD LENGTH
D	DEGREE OF CURVE
E	EXTERNAL ORDINATE
Δ	CENTRAL ANGLE
AGG	AGGREGATE
BLDG	BUILDING
C	CURVE
CB	CHORD BEARING
CD	CHORD DISTANCE
CM	CONCRETE MONUMENT
CONST	CONSTRUCTION
COR	CORNER
CP	CONTROL POINT
DOC	DOCUMENT
EOP	EDGE OF PAVEMENT
ENT	ENTRANCE
ESMT	EASEMENT
NO	NUMBER
PERM	PERMANENT
PP	POWER POLE
SEC	SECTION
TEMP	TEMPORARY

BASIS OF COORDINATE & BEARING STATEMENT

THE PROJECT COORDINATES AND BASIS OF BEARING WERE ESTABLISHED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION GPS SURVEY. THE SURVEY WAS PERFORMED DURING THE MONTH OF JANUARY, 2007. THE GPS SURVEY WAS REFERENCED TO AERIAL SURVEY NO. D-2020.

BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD 83 (97). THE DISTANCES AS SHOWN HEREON, EXCEPT AS NOTED, ARE GROUND DISTANCES. THE AVERAGE COMBINATION FACTOR USED FOR THIS PLAT IS 0.99992503. THE GRID COORDINATES WHEN DIVIDED BY THE AVERAGE COMBINATION FACTOR WILL PROVIDE GROUND COORDINATES.

PROJECT COORDINATES ARE GROUND COORDINATES AND BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD 83 (97).

GPS/AERIAL SURVEY NO. D-2020
STATE PLANE COORDINATE ZONE: IL WEST NAD 83 (97)
VERTICAL DATUM: NAVD 88
GEOID MODEL: GEOID 96
AVERAGE COMBINATION FACTOR: 0.99992503

PROJECT SURVEY CONTROL DATA
GROUND SURFACE COORDINATE SYSTEM

COORDINATES PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION JOB NO. D-98-003-010 / CONTRACT NO. 76A46			
POINT NO.	NORTH (FEET)	EAST (FEET)	DESCRIPTION
10	755,311.9690	2,343,756.0900	IRON ROD W/ IDOT CAP
11	755,342.9730	2,344,582.6070	IRON ROD
14	754,778.9450	2,345,941.0230	IRON ROD W/ IDOT CAP
101	756,596.2030	2,344,409.6360	IRON ROD W/ IDOT CAP
102	756,221.4930	2,343,466.2320	IRON ROD W/ IDOT CAP
103	755,768.8300	2,343,676.8710	IRON ROD W/ IDOT CAP
104	755,492.8010	2,343,585.5330	IRON ROD W/ IDOT CAP
105	755,122.0780	2,343,829.0130	IRON ROD W/ IDOT CAP
106	755,350.5390	2,343,137.7040	IRON ROD W/ IDOT CAP
107	755,138.0120	2,344,048.7670	IRON ROD W/ IDOT CAP
108	754,905.3480	2,344,101.8810	PK NAIL
109	754,951.9310	2,344,488.4680	PK NAIL
110	755,158.5530	2,344,411.8960	PK NAIL
111	755,334.2990	2,343,986.1910	IRON ROD W/ IDOT CAP
112	755,132.0170	2,342,517.1970	IRON ROD W/ IDOT CAP
113	755,186.7390	2,345,099.9360	PK NAIL
114	755,055.0160	2,343,421.8110	PK NAIL
115	754,883.9490	2,343,169.0480	PK NAIL
116	754,856.4530	2,341,760.6110	IRON ROD W/ IDOT CAP

AMEREN COMMITMENT NOTICE

ON FEBRUARY 19, 2020, THE ILLINOIS DEPARTMENT OF TRANSPORTATION (DEPARTMENT) ISSUED PERMIT NO. 8-4000-1678 TO AMEREN ILLINOIS. THIS PERMIT WAS FOR THE CONSTRUCTION OF A 10-INCH DIAMETER GAS PIPELINE MAIN AND A 16-INCH DIAMETER GAS PIPELINE MAIN (MAINS), ACROSS THE INTERSECTION OF IL 162 AT IL 157, WHICH HAS BEEN COMPLETED. THIS PERMIT INCLUDED THE FOLLOWING COMMITMENT, BY THE DEPARTMENT TO AMEREN ILLINOIS:

THE DEPARTMENT WILL RETAIN A 50-FOOT WIDE PERMANENT GAS PIPELINE EASEMENT CENTERED OVER BOTH MAINS, FOR THE BENEFIT OF AMEREN ON ANY ADJACENT EXCESS PROPERTY AT THE IL 162 AT IL 157 INTERSECTION CURRENTLY OWNED BY THE DEPARTMENT. IN THE EVENT THAT THE DEPARTMENT SHOULD SELL OR TRANSFER OWNERSHIP OF ANY EXCESS PROPERTY, THE DEPARTMENT SHALL BE RESPONSIBLE FOR ALL COSTS OF RETAINING SAID EASEMENT.

PURSUANT TO THIS COMMITMENT, THE DEPARTMENT SHALL NOT RELEASE ANY LAND INTEREST WITHIN THAT PART OF THE 50-FOOT WIDE STRIP OF LAND CENTERED OVER BOTH THE MAINS, BETWEEN THE BEGINNING AND ENDING POINTS OF THIS COMMITMENT AS SHOWN ON SHEET 6, WHICH IS (1) WITHIN THE EXISTING RIGHT OF WAY OF ILLINOIS ROUTE 162 AND ILLINOIS ROUTE 157; AND (2) WITHIN THE PROPOSED ACQUISITION PARCELS IDENTIFIED AS PARCELS 8003009, 8003013 AND 8003014.



NATHAN T. DOZIER PLS NO. 3723
LICENSE EXPIRATION DATE: 11/30/2024

TOTAL HOLDING AREA SOURCE TABLE

1	AREA ACCORDING TO THE SURVEY PERFORMED BY THE CONSULTANT.
2	AREA LISTED IN RECORDED DEED.
3	AREA ACCORDING TO A RECORDED SUBDIVISION PLAT.
4	AREA ACCORDING TO A PLAT OF SURVEY.
5	AREA CALCULATED FROM RECORDED DEEDS OR TITLE COMMITMENTS - NOT SURVEYED.
6	AREA ACCORDING TO COUNTY TAX MAPS AND COUNTY ASSESSMENT RECORDS.
7	AREA ACCORDING TO OTHER RECORDS, SEE NOTE ON THE PLAT OF HIGHWAYS.

TOPOGRAPHIC STATEMENT

THE TOPOGRAPHY SHOWN HEREON WAS PROVIDED TO THE SURVEYOR BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SURVEYOR VISUALLY FIELD VERIFIED THE EXISTENCE OF THE TOPOGRAPHY SHOWN HEREON. IN ADDITION THE SURVEYOR PHYSICALLY LOCATED IN THE FIELD THE FOLLOWING ITEMS DURING THE MONTH OF FEBRUARY, 2014:

- BUILDINGS
- BILLBOARDS/SIGNS
- FENCES

PREPARED BY:

VOLKERT
1500 EASTPORT PLAZA DRIVE
SUITE 200
COLLINSVILLE, IL 62234
618.345.8918
IL DESIGN FIRM # 184.004027

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 586 (IL 162) & FAP 592 (IL 157)
SECTION 51-1R
MADISON COUNTY
JOB NO. R-98-003-10
LEGEND & GENERAL NOTES

SHEET 2 OF 13

ILLINOIS DEPARTMENT OF TRANSPORTATION OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198					
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
586/592	51-1R	MADISON	097	296	
CONTRACT NO. 76A46					
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

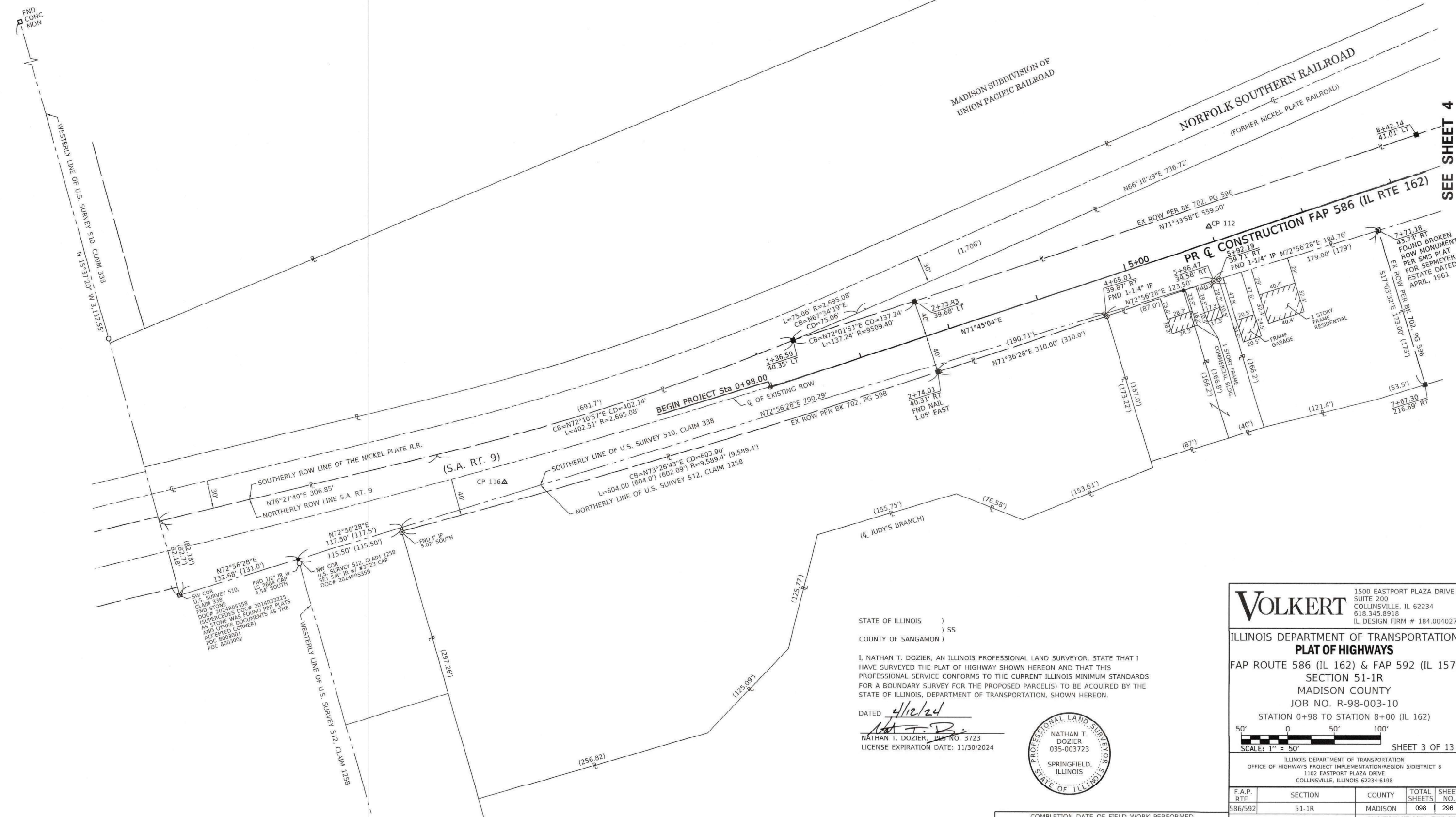
SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND
BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE				
FAP 586 (IL RTE 162)				
STATION	OFFSET	NORTH	EAST	DESCRIPTION
0+98.00	0.00' RT	754,958.6890	2,342,046.5090	PR Q - BEGIN (MAG NAIL)
1+36.59	40.35' LT	755,009.0986	2,342,070.5225	EX ROW
2+73.83	39.68' LT	755,051.4367	2,342,201.0643	EX ROW
2+74.01	40.31' RT	754,975.5189	2,342,226.2933	EX ROW
4+65.01	39.87' RT	755,035.7538	2,342,407.5491	EX ROW
5+86.47	39.58' RT	755,074.0564	2,342,522.8077	EX ROW
7+71.18	43.73' RT	755,127.9617	2,342,699.5300	EX ROW
7+67.30	216.69' RT	754,962.4886	2,342,750.0040	EX ROW
8+42.14	41.01' LT	755,230.6628	2,342,740.3832	EX ROW

STATION	OFFSET	NORTH	EAST	DESCRIPTION
5+99.29	17.22' RT	755,132.0170	2,342,517.1970	CP 112; 1/2" IR WITH IDOT CAP
-	-	754,856.4530	2,341,760.6110	CP 116; 1/2" IR WITH IDOT CAP
-	-	754,735.0700	2,341,411.4800	FND STONE, SW COR, US SVY 510
-	-	754,773.7799	2,341,538.3860	SET 5/8" IR w/ 3/23 CAP NW COR, US SVY 512



SPACE RESERVED FOR RECORDING OFFICER



SEE SHEET 4

STATE OF ILLINOIS)
COUNTY OF SANGAMON) SSI, NATHAN T. DOZIER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I
HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS
PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS
FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE
STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.DATED 4/12/24
NATHAN T. DOZIER, PLS NO. 3723
LICENSE EXPIRATION DATE: 11/30/2024
VOLKERT 1500 EASTPORT PLAZA DRIVE
SUITE 200
COLLINGSVILLE, IL 62234
618.345.8918
IL DESIGN FIRM # 184.004027
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS

FAP ROUTE 586 (IL 162) & FAP 592 (IL 157)

SECTION 51-1R

MADISON COUNTY

JOB NO. R-98-003-10

STATION 0+98 TO STATION 8+00 (IL 162)

SCALE: 1" = 50'

SHEET 3 OF 13

ILLINOIS DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6198

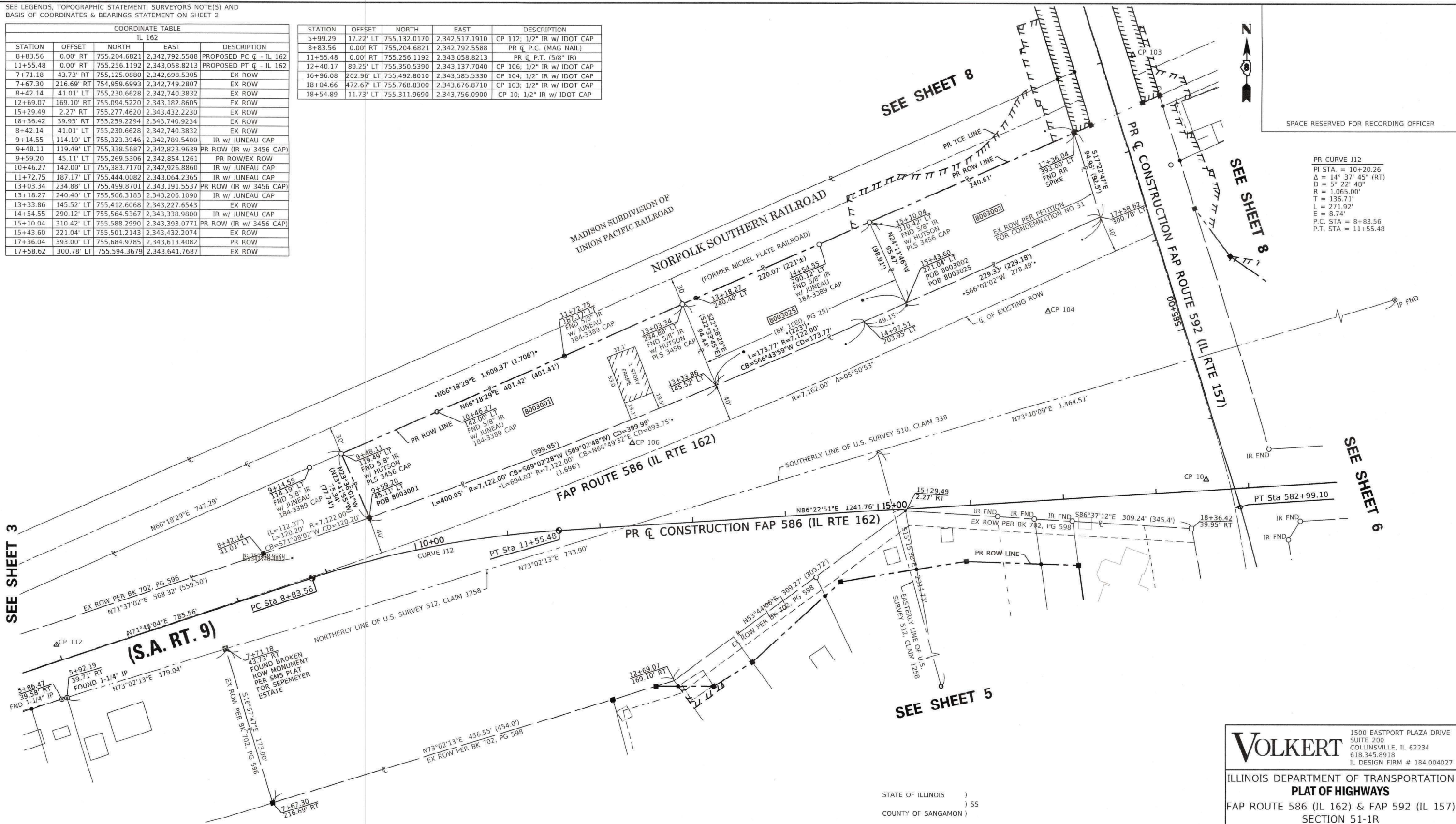
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
586/592	51-1R	MADISON	098	296
CONTRACT NO. 76A46				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY:	3/14/2022
ROW STAKING:	2/28/2024

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND
BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE				
IL 162				
STATION	OFFSET	NORTH	EAST	DESCRIPTION
8+83.56	0.00' RT	755,204.6821	2,342,792.5588	PROPOSED PC Q - IL 162
11+55.48	0.00' RT	755,256.1192	2,343,058.8213	PROPOSED PT Q - IL 162
7+71.18	43.73' RT	755,125.0880	2,342,698.5305	EX ROW
7+67.30	216.69' RT	754,959.6993	2,342,749.2807	EX ROW
8+42.14	41.01' LT	755,230.6628	2,342,740.3832	EX ROW
12+69.07	169.10' RT	755,094.5220	2,343,182.8605	EX ROW
15+29.49	2.27' RT	755,277.4620	2,343,432.2230	EX ROW
18+36.42	39.95' RT	755,259.2294	2,343,740.9234	EX ROW
8+42.14	41.01' LT	755,230.6628	2,342,740.3832	EX ROW
9+14.55	114.19' LT	755,323.3946	2,342,709.5400	IR w/ JUNEAU CAP
9+48.11	119.49' LT	755,338.5687	2,342,823.9639	PR ROW (IR w/ 3456 CAP)
9+59.20	45.11' LT	755,269.5306	2,342,854.1261	PR ROW/EX ROW
10+46.27	142.00' LT	755,383.7170	2,342,926.8860	IR w/ JUNEAU CAP
11+72.75	187.17' LT	755,444.0082	2,343,064.2365	IR w/ JUNEAU CAP
13+03.34	234.88' LT	755,499.8701	2,343,191.5537	PR ROW (IR w/ 3456 CAP)
13+18.27	240.40' LT	755,506.3183	2,343,206.1090	IR w/ JUNEAU CAP
13+33.86	145.52' LT	755,412.6068	2,343,227.6543	EX ROW
14+54.55	290.12' LT	755,564.5367	2,343,338.9800	IR w/ JUNEAU CAP
15+10.04	310.42' LT	755,588.2990	2,343,393.0771	PR ROW (IR w/ 3456 CAP)
15+43.60	221.04' LT	755,501.2143	2,343,432.2074	EX ROW
17+36.04	393.00' LT	755,684.9785	2,343,613.4082	PR ROW
17+58.62	300.78' LT	755,594.3679	2,343,641.7687	EX ROW

STATION	OFFSET	NORTH	EAST	DESCRIPTION
5+99.29	17.22' LT	755,132.0170	2,342,517.1910	CP 112; 1/2" IR w/ IDOT CAP
8+83.56	0.00' RT	755,204.6821	2,342,792.5588	PR Q P.C. (MAG NAIL)
11+55.48	0.00' RT	755,256.1192	2,343,058.8213	PR Q P.T. (5/8" IR)
12+40.17	89.25' LT	755,350.5390	2,343,137.7040	CP 106; 1/2" IR w/ IDOT CAP
16+96.08	202.96' LT	755,492.8010	2,343,585.5330	CP 104; 1/2" IR w/ IDOT CAP
18+04.66	472.67' LT	755,768.8300	2,343,676.8710	CP 103; 1/2" IR w/ IDOT CAP
18+54.89	11.73' LT	755,311.9690	2,343,756.0900	CP 10; 1/2" IR w/ IDOT CAP

STATE OF ILLINOIS)
) SS
COUNTY OF SANGAMON)I, NATHAN T. DOZIER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I
HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS
PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS
FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE
STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED

4/12/24
NATHAN T. DOZIER, PLS NO. 3723
LICENSE EXPIRATION DATE: 11/30/2024COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 3/14/2022 ROW STAKING: 2/28/2024Volkert 1500 EASTPORT PLAZA DRIVE
SUITE 200
COLLINSVILLE, IL 62234
618.345.8918
IL DESIGN FIRM # 184.004027ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS

FAP ROUTE 586 (IL 162) & FAP 592 (IL 157)

SECTION 51-1R

MADISON COUNTY

JOB NO. R-98-003-10

STATION 8+00 TO STATION 18+00 (IL 162)

SCALE: 1" = 50'

SHEET 4 OF 13

ILLINOIS DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6190

F.A.P. SECTION COUNTY TOTAL SHEET NO.

586/592 51-1R MADISON 099 296

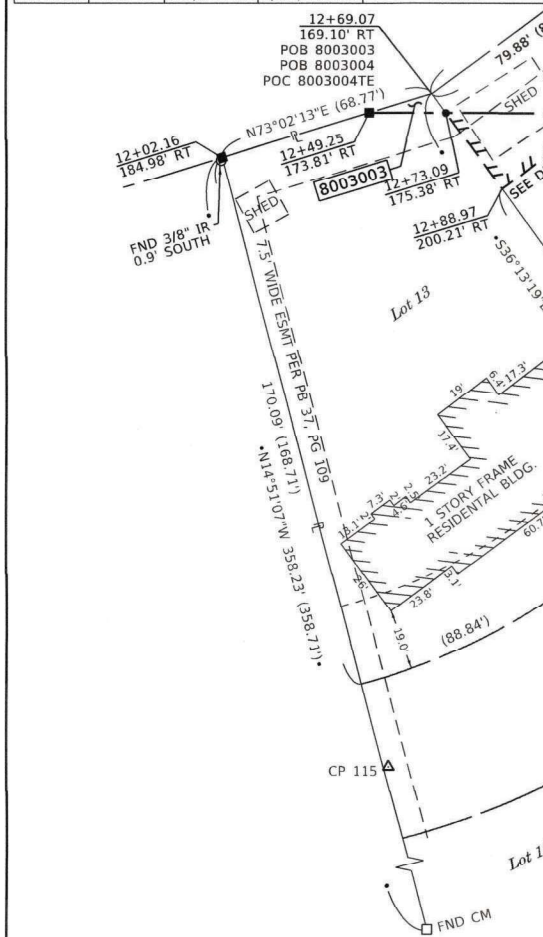
CONTRACT NO. 76A46

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

PARCEL NO.	OWNER	TOTAL HOLDING	FEE SIMPLE ACQUISITION						REMAINDER	EASEMENTS			PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			GROSS		PREVIOUSLY DEDICATED AND/OR USED		NET			PE = PERMANENT TE = TEMPORARY		EASEMENT PURPOSE		
			ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.		ACRES	SQ. FT.			
8003001	DONALD C. & DEBORAH I. KILASH IB-2009MA-4284.1	(0.8201) 2	(0.8201)	(35,722)	N/A	N/A	(0.8201)	(35,722)	(0.0000)	N/A	N/A	N/A	13-1-21-05-12-201-002	DOC# 2013R3054
8003002	RACHEL KENT, INDEPENDENT EXECUTOR OF THE ESTATE OF SHAHRIAR TORGOLI AKA SHAHRIAR TORGOLY, DECEASED IB-2009MA-4266.0	0.5119 1	0.5119	22,300	N/A	N/A	0.5119	22,300	0.0000	N/A	N/A	N/A	13-1-21-04-09-101-002	
8003025	ESTELLA M. LEWIS (TRUSTEE) UNDER DECLARATION OF TRUST OF RUSSELL R. LEWIS IB-2009MA-4265.0	0.4854 1	0.4854	21,142	N/A	N/A	0.4854	21,142	0.0000	N/A	N/A	N/A	13-1-21-04-09-101-001 13-1-21-04-09-101-001.001	

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	DESCRIPTION
12+02.16	184.98' RT	755,074.4579	2,343,117.0825	EX ROW
12+49.25	173.81' RT	755,088.5769	2,343,163.3701	PR ROW CORNER
12+69.07	169.10' RT	755,094.5220	2,343,182.8605	EX ROW CORNER
12+73.09	175.38' RT	755,088.5088	2,343,187.2651	PR ROW
12+88.97	200.21' RT	755,064.7340	2,343,204.6796	PR TE CORNER
13+11.32	177.91' RT	755,088.3995	2,343,225.5809	PR ROW CORNER
13+19.42	173.58' RT	755,093.2350	2,343,233.3859	PR TE CORNER
13+22.65	178.63' RT	755,088.3948	2,343,236.9313	PR TE CORNER
13+36.33	126.01' RT	755,141.7726	2,343,247.2670	EX ROW
13+54.72	154.68' RT	755,114.3270	2,343,267.4301	PR ROW CORNER
14+28.60	66.91' RT	755,206.5861	2,343,335.6132	EX ROW
14+37.21	88.31' RT	755,185.7648	2,343,345.5600	PR ROW
14+55.00	74.00' RT	755,201.1741	2,343,362.4129	PR ROW CORNER
15+29.49	2.27' RT	755,227.4620	2,343,432.2230	EX ROW CORNER
15+37.29	65.80' RT	755,214.5550	2,343,444.0218	PR ROW
15+91.52	60.39' RT	755,223.3728	2,343,497.8011	PR ROW CORNER
16+67.99	19.28' RT	755,269.2346	2,343,571.5236	EX ROW
16+71.64	68.18' RT	755,220.6585	2,343,578.2541	PR ROW
17+08.43	24.24' RT	755,266.8323	2,343,612.1977	EX ROW
17+12.03	72.11' RT	755,219.2902	2,343,618.8124	PR ROW
579+63.21	84.88' LT	754,953.9925	2,343,753.5044	EX ROW
579+96.89	82.67' LT	754,984.8110	2,343,756.1671	EX ROW
580+59.78	77.46' LT	755,042.7957	2,343,759.4377	PR TE CORNER
580+70.56	76.55' LT	755,052.7912	2,343,759.6513	EX ROW
580+93.28	127.49' LT	755,068.6891	2,343,707.1341	PR TE CORNER
580+94.71	97.51' LT	755,072.9182	2,343,736.8345	EX ROW
581+49.99	88.26' LT	755,123.8220	2,343,739.6406	EX ROW
581+51.80	194.77' LT	755,108.8060	2,343,634.1843	PR ROW
581+69.81	67.86' LT	755,145.1968	2,343,756.7591	EX ROW
582+92.06	56.57' LT	755,259.2294	2,343,740.9234	EX ROW



SEE SHEET 4

SEE SHEET 6

CARDINAL ACRES

(PB 37, PG 109)
RECORDED DECEMBER 16, 1968

COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	DESCRIPTION
6+95.52	0.00' RT	755,068.6916	2,343,529.0860	POT (- CARROLL BEGIN
10+00.00	0.00' RT	755,111.1124	2,343,830.5981	POT (- CARROLL END
12+42.00	378.39' RT	754,883.9490	2,343,169.0480	CP115; PK NAIL
15+05.50	223.62' RT	755,055.0160	2,343,421.8110	CP114; PK NAIL
581+34.46	0.11' LT	755,122.0780	2,343,829.0130	CP 105; IR W/ IDOT CAP

STATE OF ILLINOIS)
COUNTY OF SANGAMON)I, NATHAN T. DOZIER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR,
STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS
PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR
A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF
ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.DATED 4/12/24
NATHAN T. DOZIER, PLS. NO. 3723
LICENSE EXPIRATION DATE: 11/30/2024* SEE TOTAL HOLDING AREA
SOURCE TABLE ON SHEET 5

PARCEL NO.	OWNER	TOTAL HOLDING	FEE SIMPLE ACQUISITION		REMAINDER	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			ACRES	SQ. FT.		PE = PERMANENT TE = TEMPORARY	EASEMENT PURPOSE		
8003003	MARVIN L. WALLACE 18-2009MA-4276.0	0.3646	0.0017	72	0.3629	N/A	N/A	13-2-21-05-12-201-005	
8003004	BRANDON HATFIELD & KELI HATFIELD, AS JOINT TENANTS 18-2009MA-4277.0	0.2759	0.0495	2,157	0.2264	TE = 0.0141	TE = 616	DEMOLITION & GRADING	13-2-21-05-12-201-006
8003005	MELISSA A. HILLMER & KENDALL E. HILLMER, JR., WIFE & HUSBAND AS JOINT TENANTS 18-2009MA-4282.0	0.3315	0.0697	3,035	0.2618	N/A	N/A		13-2-21-04-09-101-009
8003006	MACK V. COULTER, JR. AND/OR MARY F. COULTER, TRUSTEES OF THE COULTER LIVING TRUST DATED SEPTEMBER 8, 2021 18-2009MA-4281.0	0.3628	0.0943	4,109	0.2685	N/A	N/A		13-2-21-04-09-101-008
8003007	MICHAEL K. KNATAT & PATRICIA K. KNATAT, HIS WIFE, AS JOINT TENANTS 18-2009MA-4259.0	0.5495	0.1650	7,186	0.3845	N/A	N/A		13-2-21-04-09-101-007
8003008	ROGER MAYO 18-2009MA-4260.0	0.1502	0.0445	1,939	0.1057	N/A	N/A		13-2-21-04-09-101-005
8003009	ALLEN KEILMAN & KRISTIN L. KEILMAN, HUSBAND AND WIFE, AS TENANTS BY ENTIRETY 18-2009MA-4280.0	0.4269	0.4269	18,596	0.0000	N/A	N/A		13-2-21-04-09-101-005.001
8003010	JORDAN PARK & KRISTA FACKRELL, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY 18-2009MA-4279.0	0.5917	N/A	N/A	0.5917	TE = 0.0174	TE = 760	GRADING	13-2-21-04-09-101-013

FAP ROUTE 586 (IL 162) & FAP 592 (IL 157) CONSTRUCTION SECTION 51-1R MADISON COUNTY JOB # R-98-003-10 U.S. SURVEY 510, CLAIM 338, & U.S. SURVEY 512, CLAIM 1258, T. 3 N., R. 8 W. OF THE 3RD P.M.



SPACE RESERVED FOR RECORDING OFFICER

PR (CURVE C51
PT STA = 580+54.45
Δ = 28°38'50" (LT)
D = 5° 43' 46"
R = 1,000.00'
T = 255.34'
L = 499.99'
E = 32.08'
PC STA = 577+99.11
PT STA = 582+99.10

C1
R=20.00'
L=30.16'
CB=538°41'37"W
CD=27.38' (27.39')

C2
R=20.00'
L=34.57'
CB=548°35'02"E
CD=30.43'

C3
R=973.20'
L=10.00'
CB=501°13'27"W
CD=10.00'

C4
R=973.20'
L=68.08'
CB=52°56'02"W
CD=68.07'

C5
R=973.20'
L=58.09'
CB=503°13'42"W
CD=58.08'

PR (CONSTRUCTION
FAP ROUTE 592 (IL RTE 157)

SEE SHEET 6

DETAIL "A"
NOT TO SCALE

VOLKERT

1500 EASTPORT PLAZA DRIVE
SUITE 200
COLLINSVILLE, IL 62234
618.345.8918
IL DESIGN FIRM # 184.004027ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS

FAP ROUTE 586 (IL 162) & FAP 592 (IL 157)

SECTION 51-1R

MADISON COUNTY

JOB NO. R-98-003-10

STATION 12+00 TO STATION 18+00 (IL 162)

30' 0 30' 60'

SCALE: 1" = 30'

SHEET 5 OF 13

ILLINOIS DEPARTMENT OF TRANSPORTATION

OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8

1102 EASTPORT PLAZA DRIVE

COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. SECTION COUNTY TOTAL SHEETS SHEET NO.

586/592 51 1R MADISON 100 296

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

CONTRACT NO. 76A46

COMPLETION DATE OF FIELD WORK PERFORMED

LAND SURVEY: 3/14/2022 ROW STAKING: 2/28/2024