

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	1
FEDERAL AID PROJECT		ILLINOIS	CONTRACT NO. 97762	

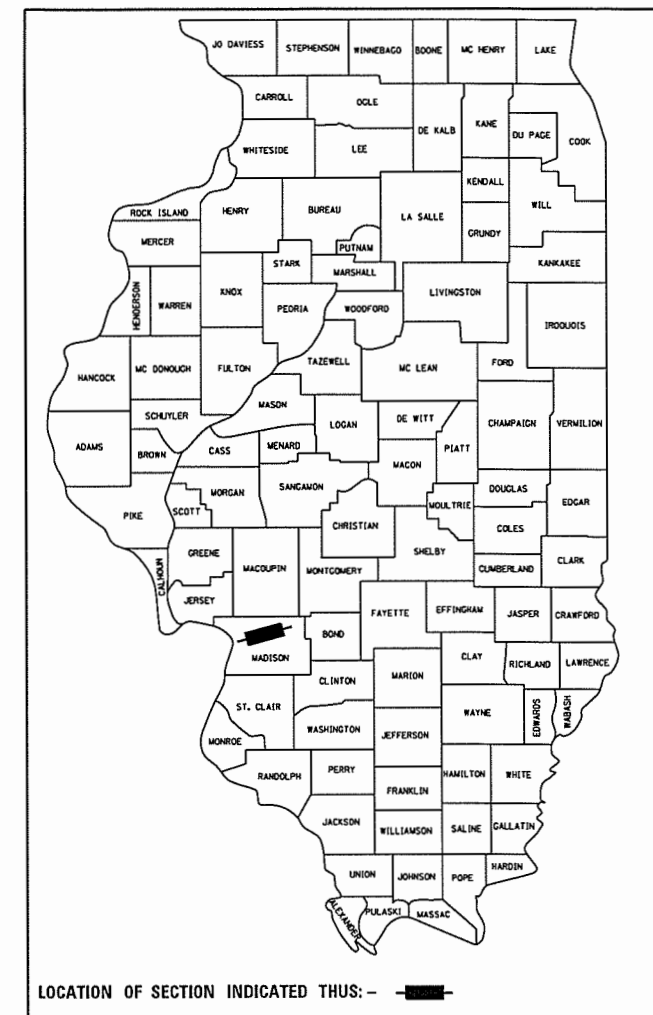
**INDEX OF SHEETS**

09-17-2021 LETTING ITEM 072

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, COMMITMENTS, & HIGHWAY STANDARDS
3-6	SUMMARY OF QUANTITIES
7-9	TYPICAL SECTIONS
10-12	SCHEDULES
13-18	PLAN AND PROFILE SHEETS
19	UNIVERSITY DRIVE PLAN SHEET
20-23	EROSION CONTROL SHEETS
24-29	DRAINAGE PLAN & PROFILE SHEETS
30-33	REMOVAL PLAN SHEETS
34-35	INTERSECTION DETAILS
36-39	PAVEMENT MARKING AND SIGNING SHEETS
40-42	TRAFFIC SIGNAL SHEETS
43-44	RETAINING WALL DETAILS
45	CONSTRUCTION DETAILS
46-72	CROSS SECTIONS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
**PLANS FOR PROPOSED**

**TAP FUNDS  
CITY OF EDWARDSVILLE  
IL-157 SHARED USE PATH PHASE 2  
FAP ROUTE 592  
SECTION: 18-00111-01-BT  
MADISON COUNTY  
PROJECT: 0U0J(836)  
JOB NO.: C-98-007-19**

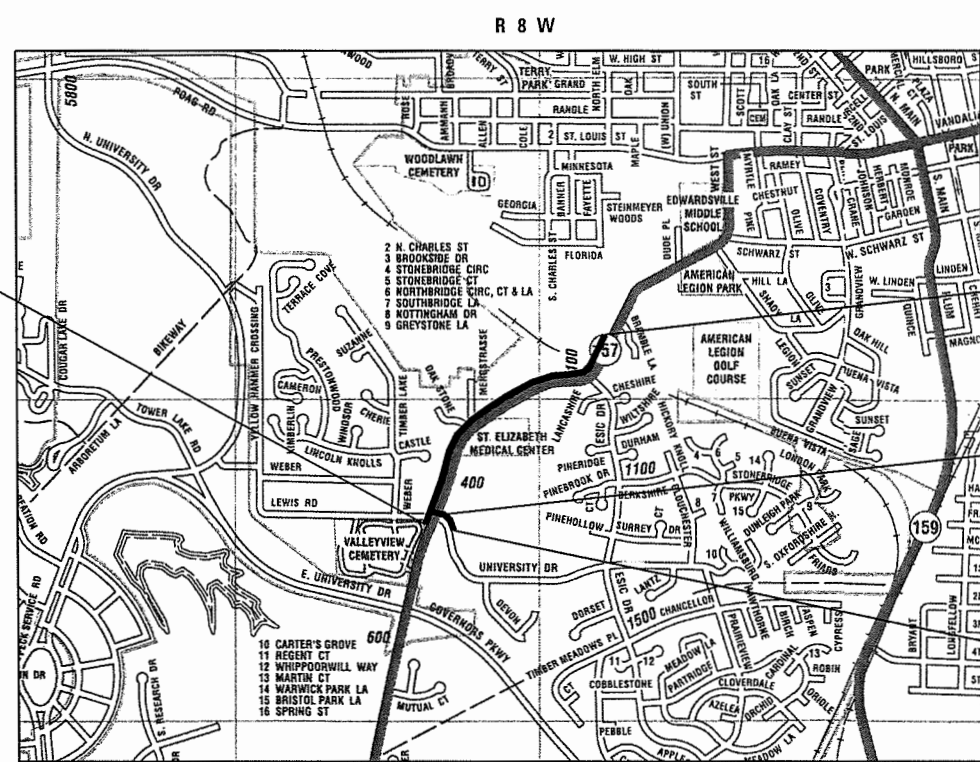


**PHASE 2  
BEGIN SECTION  
STA 39+10**

**PHASE 2  
END SECTION  
STA 69+58**

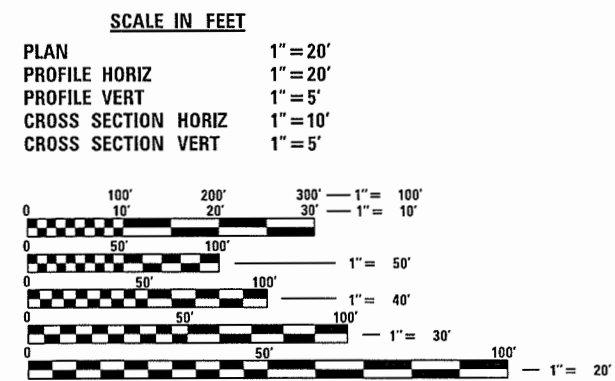
**UNIVERSITY DRIVE  
BEGIN SECTION  
STA 100+00**

**UNIVERSITY DRIVE  
END SECTION  
STA 102+05**



**LOCATION MAP  
NOT TO SCALE**

GROSS LENGTH OF PHASE 2 = 3,048 FEET (0.577 MILES)  
GROSS LENGTH OF UNIVERSITY DRIVE = 205 FEET (0.039 MILES)  
NET LENGTH OF PROJECT = 3,253 FEET (0.616 MILES)

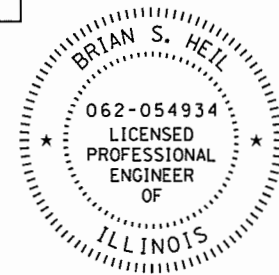


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**DESIGN DESIGNATION**  
ROADWAY CLASSIFICATION = TRAIL  
DESIGN SPEED = 20 MPH  
CURRENT ADT (2019) = NONE  
DESIGN YEAR ADT (2039) = XX

**ADJACENT ROADWAY CLASSIFICATION**  
ROADWAY CLASSIFICATION = PRINCIPAL ARTERIAL (IL 157)  
DESIGN SPEED = 45 MPH  
CURRENT ADT (2019) = 12,600  
DESIGN YEAR ADT (2039) = N/A



*Brian Heil* 6/9/21  
BRIAN S. HEIL  
IL P.E. NO. 062-054934  
EXPIRES: 11/30/2021

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED *Art Risavy* 6-9-21 DATE  
ART RISAVY MAYOR OF EDWARDSVILLE

PASSED *June 17, 2021* DATE  
*Keith Roberts*  
DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW  
*Keith Roberts*  
REGION 5 ENGINEER

**OATES ASSOCIATES**  
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

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OF THE STATE OF ILLINOIS**



SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	30
*		20100500	TREE REMOVAL, ACRES	ACRE	0.25
*		20200100	EARTH EXCAVATION	CU YD	2,635
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100
*		20800150	TRENCH BACKFILL	CU YD	183
*		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	159
*		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	159
*		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	159
*		25100115	MULCH, METHOD 2	ACRE	1.75
*		25100630	EROSION CONTROL BLANKET	SQ YD	4,694
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	175
		28000305	TEMPORARY DITCH CHECKS	FOOT	90
		28000400	PERIMETER EROSION BARRIER	FOOT	1,886
		28000500	INLET AND PIPE PROTECTION	EACH	16

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*		28100105	STONE RIPRAP, CLASS A3	SQ YD	6
		28200200	FILTER FABRIC	SQ YD	6
		35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	464
		35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	3,388
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	464
		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2,222
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	27,640
*		42400800	DETECTABLE WARNINGS	SQ FT	157
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	651
		44000600	SIDEWALK REMOVAL	SQ FT	1,050
		44004250	PAVED SHOULDER REMOVAL	SQ YD	145
		44213200	SAW CUTS	FOOT	509
*		50105220	PIPE CULVERT REMOVAL	FOOT	139

NOTES: SI = SPECIALTY ITEM  
SP = SEE PROJECT SPECIFIC SPECIAL PROVISIONS

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PLOT DATE = 6/8/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	3
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		52200700	PRECAST MODULAR RETAINING WALL	SQ FT	432
		54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4
		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	3
		542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	87
		550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	737
	*	56109210	WATER VALVES TO BE ADJUSTED	EACH	1
	*	56500300	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	3
		60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	2
		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
		60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
		60236600	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	1
		60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	1
		60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	1
		60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH	1

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	2
		60255500	MANHOLES TO BE ADJUSTED	EACH	2
		60260505	INLETS TO BE ADJUSTED WITH NEW TYPE 3V FRAME AND GRATE	EACH	2
		60261500	INLETS TO BE ADJUSTED WITH NEW TYPE 15 FRAME AND LID	EACH	1
		60600605	CONCRETE CURB, TYPE B	FOOT	162
		60602500	CONCRETE GUTTER, TYPE A	FOOT	568
		60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	463
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	676
		60607400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.24	FOOT	509
*	*	66900105	UNDERGROUND STORAGE TANK REMOVAL	EACH	1
*	*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	270
*	*	66900530	SOIL DISPOSAL ANALYSIS	EACH	3
*	*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
*	*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1

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DATE = 6/8/2021

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	4
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*	*	66901005	ENGINEERED BARRIER	SQ YD	70
*	*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	7
		67100100	MOBILIZATION	L SUM	1
		67201100	SEALING ABANDONED MONITORING WELLS	EACH	3
		70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1
		70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
		70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	108
*		72000100	SIGN PANEL - TYPE 1	SQ FT	86.6
*	*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	235.5
*		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	584
*		78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	899
*		78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	25
		78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	375
*		81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	46

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*		81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	26
*		81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	40
*		81028380	UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	257
*		81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3
*		87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	988
*		87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,006
*		87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,919
*		87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,525
*		87301290	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 18 3C	FOOT	702
*		87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	702
*	*	87502230	TRAFFIC SIGNAL POST, PAINTED STEEL 8 FT.	EACH	1
*		87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE 1	EACH	2
*		87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
*		87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	5
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*		88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	6
*		89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1
*		89502200	MODIFY EXISTING CONTROLLER	EACH	1
*		89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,656
*		89502380	REMOVE EXISTING HANDHOLE	EACH	3
*		89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
*		B2001124	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5
*		X0324589	PIPE UNDERDRAIN OUTLET EXTENSION FOR 4" PIPE	EACH	2
*		X0324741	HIGH DENSITY POLYETHYLENE PIPE 8"	FOOT	123
*		X0350810	BOLLARD REMOVAL	EACH	3
*	*	X1400235	DOUBLE HANDHOLE TO BE ADJUSTED	EACH	1
*		X1700066	POTHOLING	EACH	10
*	*	X2500920	SEEDING, CLASS 1A (SPECIAL)	ACRE	1.75
*		X4402400	CURB REMOVAL (SPECIAL)	FOOT	1,093

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*	*	X5090850	ORNAMENTAL RAILING	FOOT	201
	*	X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	8
*		X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
*	*	X8950450	REMOVE EXISTING UNDERGROUND CONDUIT	FOOT	46
		Z0013798	CONSTRUCTION LAYOUT	L SUM	1
#		Z0076600	TRAINEES	Hour	500
#		Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	500

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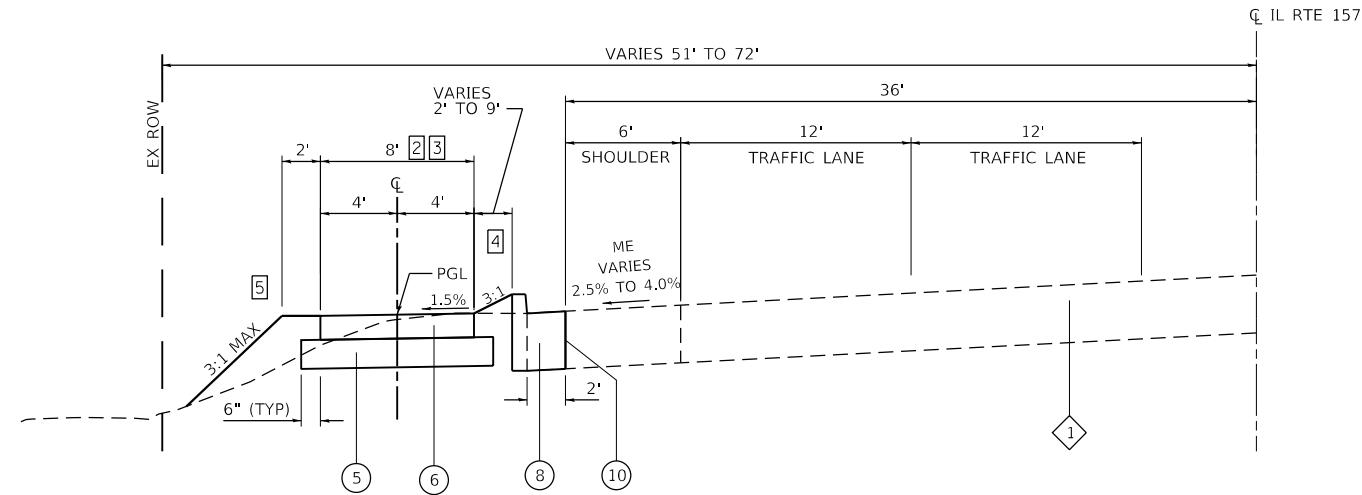
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	6
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

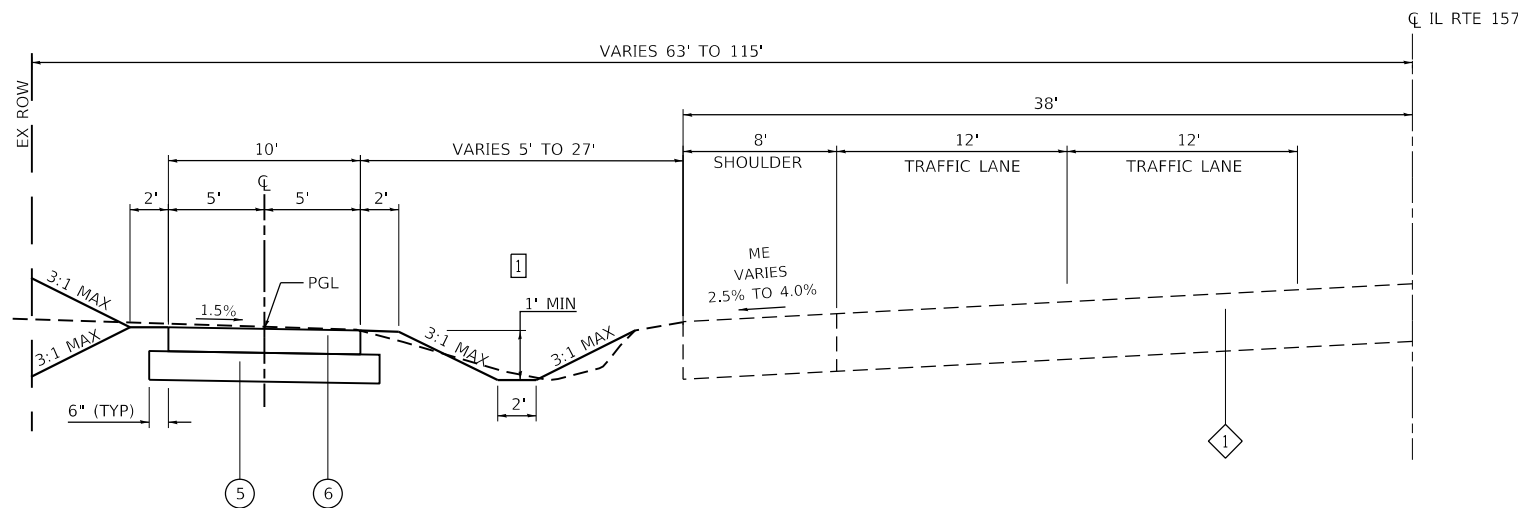


**PROPOSED IL ROUTE 157 SHARED-USE PATH**

STA 54+07 TO STA 58+69

**TYPICAL SECTION NOTES**

- 1 PROPOSED DITCH FROM STA 43+55 TO STA 46+40  
STA 47+00 TO STA 50+10  
STA 50+80 TO STA 51+80
- 2 TRAIL WIDTH TRANSITION FROM 10' TO 8' FROM STA 54+52 TO STA 55+02
- 3 TRAIL WIDTH TRANSITION FROM 8' TO 10' FROM STA 58+08 TO STA 58+48
- 4 PROPOSED 2' BUFFER WIDTH FROM STA 55+50 TO 57+77
- 5 PROPOSED RETAINING WALL FROM STA 57+24 TO STA 58+00 (SEE RETAINING WALL DETAILS SHEET)

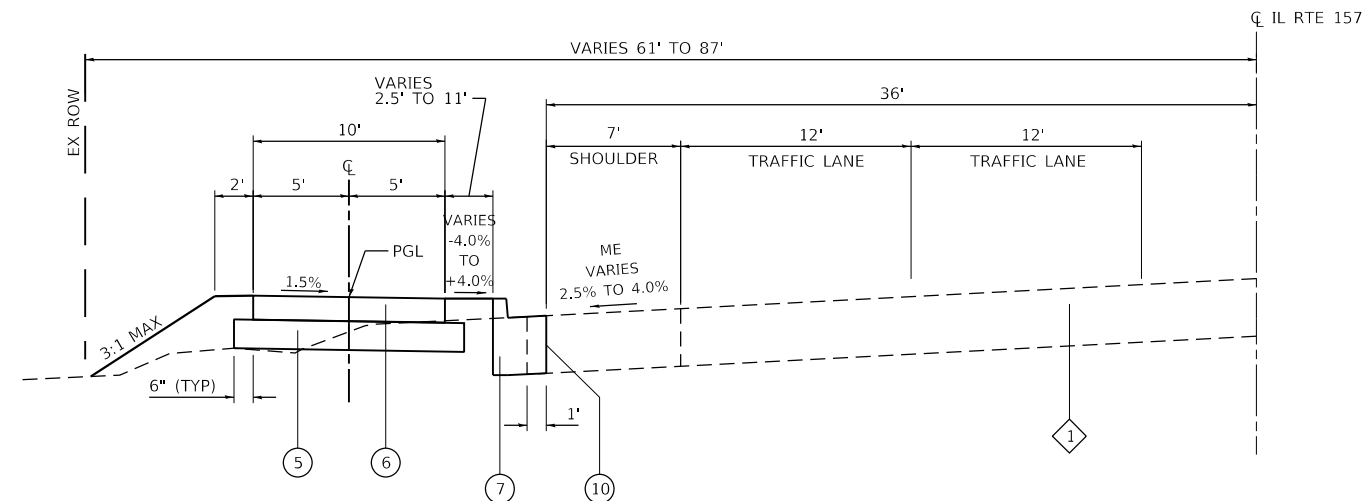


**PROPOSED IL ROUTE 157 SHARED-USE PATH**

STA 43+55 TO STA 54+07

**TYPICAL SECTION LEGEND**

- 1 EXISTING ASPHALT PAVEMENT
- 2 EXISTING SIDEWALK
- 3 EXISTING CONCRETE GUTTER
- 4 EXISTING COMBINATION CURB AND GUTTER
- 5 PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- 6 PROPOSED PCC SIDEWALK, 5"
- 7 PROPOSED COMBINATION CONCRETE CURB & GUTTER, B-6.24
- 8 PROPOSED COMBINATION CONCRETE CURB & GUTTER, B-6.18
- 9 PROPOSED CONCRETE GUTTER, TYPE A
- 10 PROPOSED FULL DEPTH SAWCUT
- 11 PROPOSED PCC SIDEWALK, 4"
- 12 PROPOSED CONCRETE CURB, TYPE B, 9"
- 13 PROPOSED AGGREGATE BASE COURSE, TYPE B, 4" (PRICE INCLUDED IN RAILING)
- 14 PROPOSED COMBINATION CONCRETE CURB & GUTTER, B-9.24



**PROPOSED IL ROUTE 157 SHARED-USE PATH**

STA 39+10 TO STA 43+55

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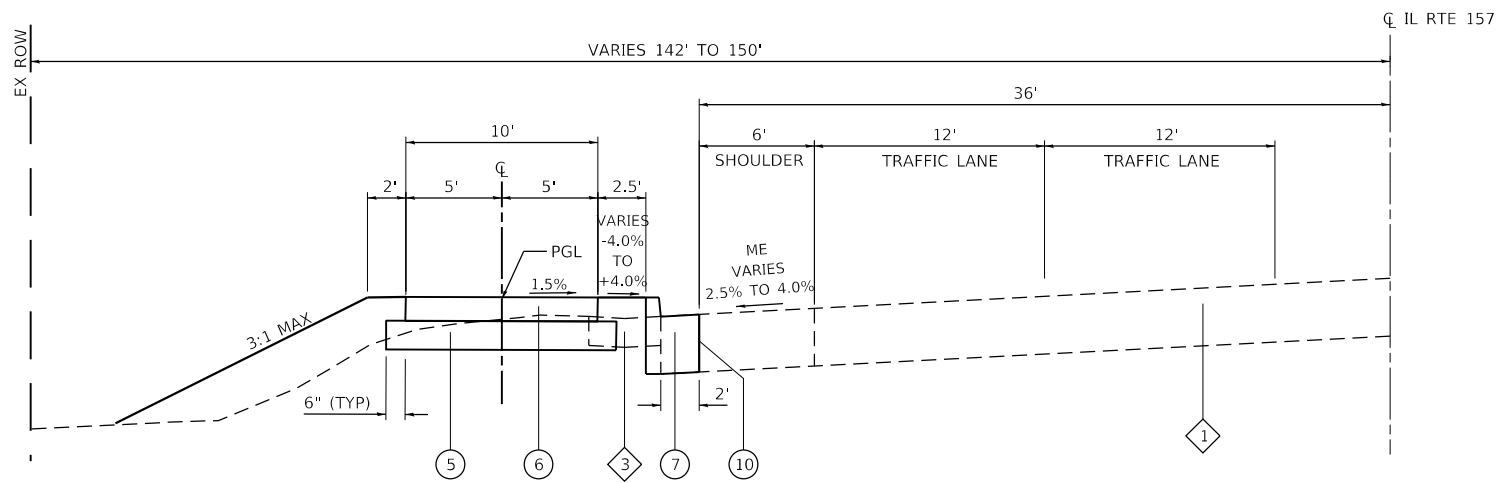
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

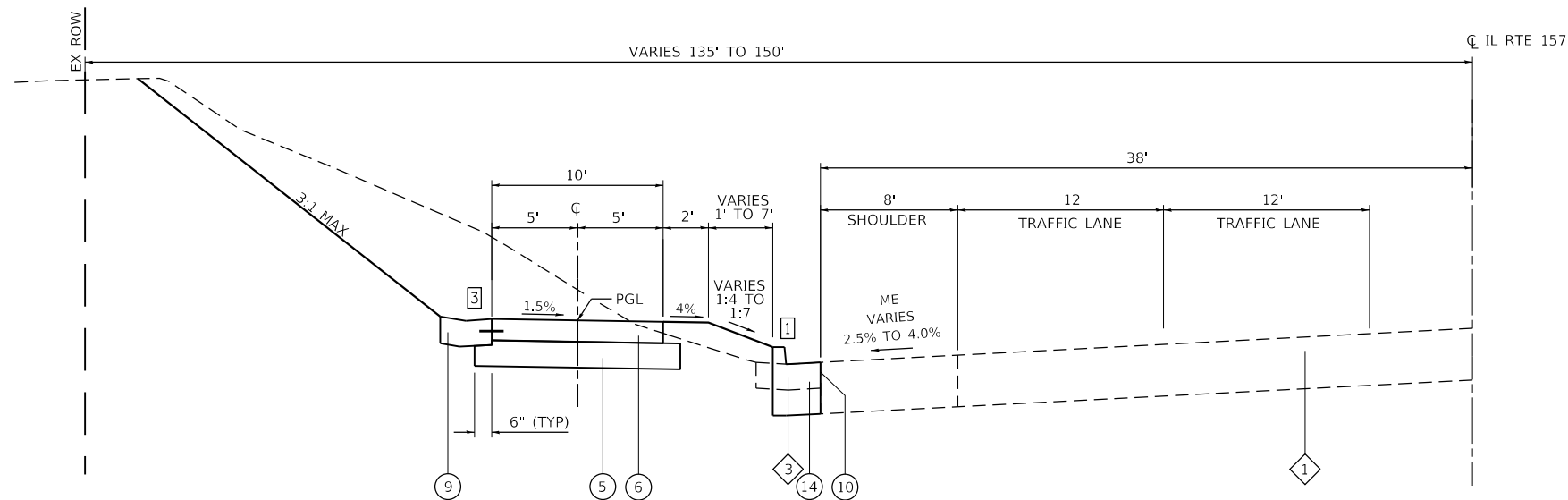
SCALE: NTS SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	7
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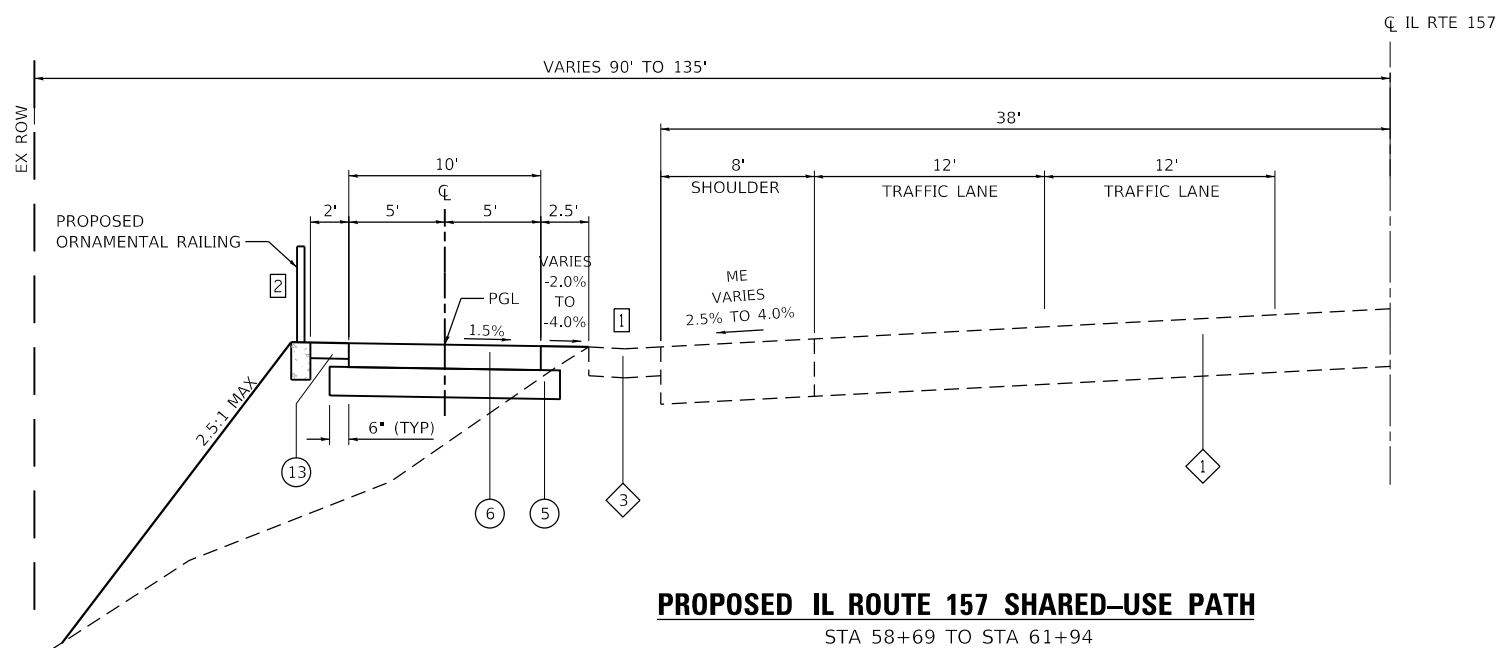
**PROPOSED IL ROUTE 157 SHARED-USE PATH**

STA 67+11 TO STA 69+58



**PROPOSED IL ROUTE 157 SHARED-USE PATH**

STA 61+94 TO STA 67+11



**PROPOSED IL ROUTE 157 SHARED-USE PATH**

STA 58+69 TO STA 61+94

**TYPICAL SECTION NOTES**

- 1 EXISTING GUTTER TRANSITION TO PROPOSED CURB AND GUTTER FROM STA 58+59 TO 58+69  
STA 67+11 TO 67+21
- 2 PROPOSED ORNAMENTAL RAILING FROM STA 59+56 TO 61+78. COST TO INSTALL AGG BASE TYPE B, 4" SHALL BE INCLUDED IN UNIT PRICE OF ORNAMENTAL RAILING.
- 3 LONGITUDINAL JOINT TIE BARS SHALL BE NO. 4 AT 36" CENTERS IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL JOINT SHOWN ON STANDARD 420001

**TYPICAL SECTION LEGEND**

- 1 EXISTING ASPHALT PAVEMENT
- 2 EXISTING SIDEWALK
- 3 EXISTING CONCRETE GUTTER
- 4 EXISTING COMBINATION CURB AND GUTTER
- 5 PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- 6 PROPOSED PCC SIDEWALK, 5"
- 7 PROPOSED COMBINATION CONCRETE CURB & GUTTER, B-6.24
- 8 PROPOSED COMBINATION CONCRETE CURB & GUTTER, B-6.18
- 9 PROPOSED CONCRETE GUTTER, TYPE A
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- 12 PROPOSED CONCRETE CURB, TYPE B, 9"
- 13 PROPOSED AGGREGATE BASE COURSE, TYPE B, 4" (PRICE INCLUDED IN RAILING)
- 14 PROPOSED COMBINATION CONCRETE CURB & GUTTER, B-9.24

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PLOT DATE = 6/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: NTS		SHEET 2 OF 3 SHEETS		STA.	TO STA.
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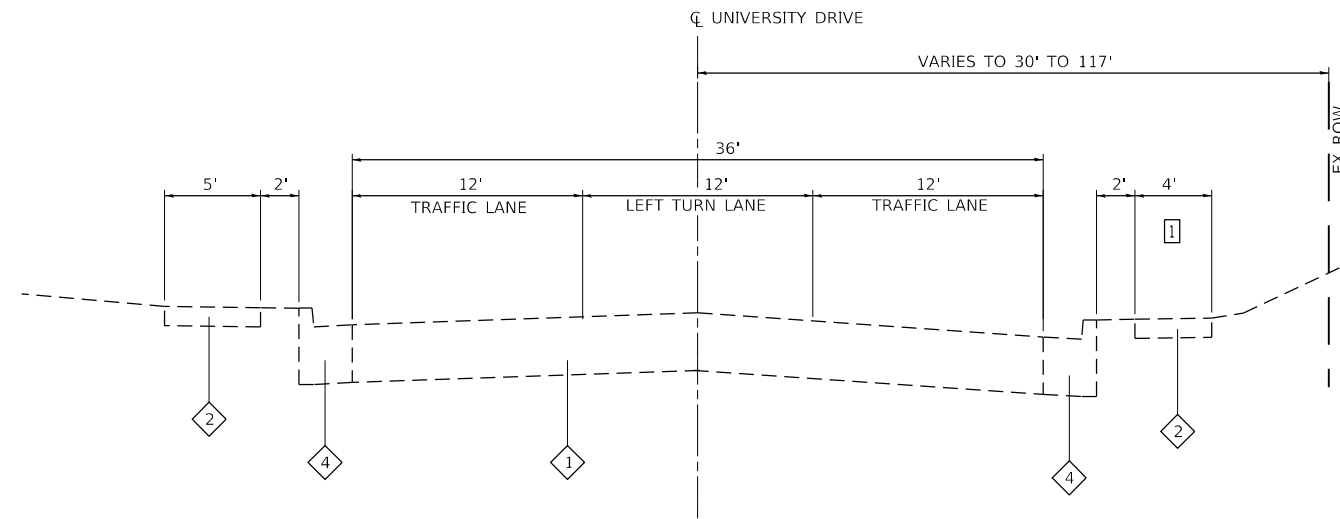
**TYPICAL SECTIONS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	8
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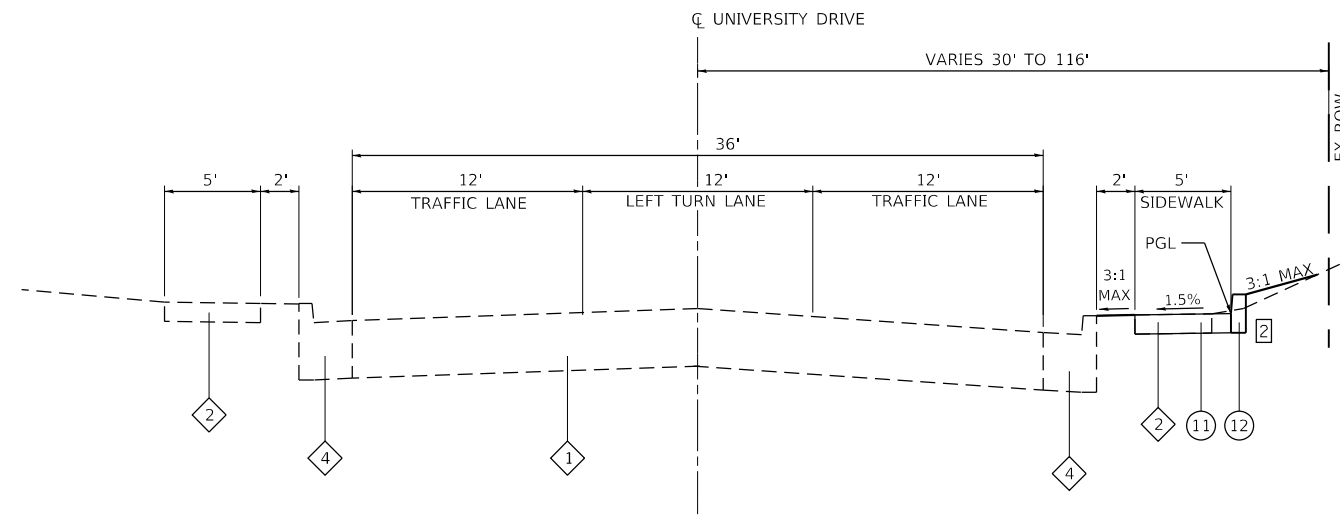
**TYPICAL SECTION NOTES**

- 1 EXISTING SIDEWALK FROM STA 101+87 TO STA 102+05
- 2 PROPOSED CONCRETE CURB TYPE B FROM STA 101+06 TO STA 102+05



**EXISTING UNIVERSITY DRIVE**

STA 100+00 TO STA 102+05



**PROPOSED UNIVERSITY DRIVE**

STA 100+00 TO STA 102+05

**TYPICAL SECTION LEGEND**

- 1 EXISTING ASPHALT PAVEMENT
- 2 EXISTING SIDEWALK
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- 11 PROPOSED PCC SIDEWALK, 4"
- 12 PROPOSED CONCRETE CURB, TYPE B, 9"
- 13 PROPOSED AGGREGATE BASE COURSE, TYPE B, 4" (PRICE INCLUDED IN RAILING)
- 14 PROPOSED COMBINATION CONCRETE CURB & GUTTER, B-9.24

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: NTS SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	9
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

**EROSION CONTROL**

STATION	STATION	OFFSET	EROSION CONTR BLANKET (SQ YD)	TEMP EROS CONTR SEED (NOTE 1) (POUND)	TEMP DITCH CHECKS (FOOT)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECT (EACH)
IL 157							
38+95	39+13	RT		1			
39+10	39+92	CL		3		79	1
40+33	43+11	CL	331	16		241	3
43+41	46+53	CL	659	19	45		1
46+78	50+42	CL	969	25	36	362	1
50+66	52+04	CL	404	10	9	134	1
52+24	52+46	CL		2			
52+59	53+88	CL		8		109	
54+00	58+85	CL		16		465	1
58+97	59+43	CL		1		44	
59+56	61+78	CL	878	14		257	1
61+94	69+58	CL	1,453	54			5
67+25	67+72	LT				45	
68+04	68+77	LT				78	
68+91	69+58	LT				72	
UNIVERSITY DRIVE							
100+00	102+05	RT		6			2
<b>TOTAL</b>			<b>4,694</b>	<b>175</b>	<b>90</b>	<b>1,886</b>	<b>16</b>

**EROSION CONTROL NOTES:**

- THE QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING ASSUMES ONE APPLICATION AT A RATE OF 100 POUNDS/ACRE PER APPLICATION. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER IN THE FIELD.

**SIDEWALK**

STATION	STATION	OFFSET	COMMENTS	AGG BASE CSE A 6 (SQ YD)	PC CONC SIDEWALK 4 (NOTE 1) (SQ FT)	PC CONC SIDEWALK 5 (NOTE 1) (SQ FT)	DETECTABLE WARNINGS (SQ FT)	SIDEWALK REM (SQ FT)	PRECAST MOD RET WALL (SQ FT)	ORNAMENTAL RAILING (FOOT)
IL 157										
38+98	39+11	RT	BUS STOP		177		10			
39+10	39+84	CL		83		676	40			
40+36	40+92	LT			391			278		
40+62	43+11	CL		303		2,478	40			
42+52	42+65	RT	BUS STOP		96		10			
43+42	46+52	CL		379		3,094				
46+78	50+42	CL		446		3,646				
50+66	52+04	CL		169		1,376				
52+23	52+48	CL		27		220				
52+56	53+89	CL		158		1,291				
54+00	58+85	CL		515		4,146				
57+24	58+00	LT							432	76
58+97	59+43	CL		54		441				
59+56	61+78	CL		270		2,207				125
61+94	69+58	CL		984		8,065				
69+23	69+58	CL						307		
UNIVERSITY DRIVE										
100+00	102+05	RT			1,096		47			
100+40	100+74	RT			462		10			
100+46	100+74	RT						403		
101+87	102+05	RT						62		
<b>TOTAL</b>				<b>3,388</b>	<b>2,222</b>	<b>27,640</b>	<b>157</b>	<b>1,050</b>	<b>432</b>	<b>201</b>

**SIDEWALK NOTES:**

- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED. SEE PLAN SHEETS FOR LOCATIONS AND TYPES. SEE CONSTRUCTION DETAILS SHEET AND HIGHWAY STANDARD 424001 FOR CURB RAMP DETAILS.

**ADJUSTMENTS**

STATION	OFFSET	WATER VALVES ADJUST (EACH)	DOM MET VLTS ADJ (EACH)	MAN ADJUST (EACH)	INLETS ADJ NEW T3VF&G (EACH)	INLETS ADJ NEW T15F&L (EACH)	BOLLARD REMOVAL (EACH)	DBL HANDHOLE ADJUST (EACH)
IL 157								
50+06	RT							1
52+33	LT	1						
52+44	LT		1					
52+45	LT		1					
56+31	RT			1				
59+11	LT				1			
62+18	9.1' RT				1			
64+64	9.1' RT				1			
68+11	LT			1				
68+60	6.8' RT					1		
68+91	LT						3	
<b>TOTAL</b>		<b>1</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>

**SEEDING**

STATION	STATION	OFFSET	NITROGEN FERT NUTR (POUND)	PHOSPHORUS FERT NUTR (POUND)	POTASSIUM FERT NUTR (POUND)	MULCH METHOD 2 (ACRE)	SEEDING CL 1A SPL (ACRE)
IL 157							
38+95	39+13	CL	1	1	1	0.01	0.01
39+10	39+92	CL	3	3	3	0.03	0.03
40+33	43+11	CL	14	14	14	0.16	0.16
43+41	46+52	CL	17	17	17	0.19	0.19
46+78	50+42	CL	23	23	23	0.25	0.25
50+66	52+04	CL	9	9	9	0.10	0.10
52+24	52+48	CL	2	2	2	0.02	0.02
52+57	53+88	CL	7	7	7	0.08	0.08
54+00	58+85	CL	14	14	14	0.16	0.16
58+97	59+43	CL	1	1	1	0.01	0.01
59+56	61+78	CL	13	13	13	0.14	0.14
61+94	69+58	CL	49	49	49	0.54	0.54
UNIVERSITY DRIVE							
100+00	102+05	CL	3	3	3	0.03	0.03
100+38	100+80	CL	3	3	3	0.03	0.03
<b>TOTAL</b>			<b>159</b>	<b>159</b>	<b>159</b>	<b>1.75</b>	<b>1.75</b>

**TREE REMOVAL**

STATION	STATION	OFFSET	TREE REMOV 6-15 (UNIT)	TREE REMOV ACRES (ACRE)	T-CERCIS CAN TF 3 (EACH)
IL 157					
45+34		LT	6		
45+55		LT	6		
45+83		LT	6		
46+09		LT	6		
46+30		LT	6		
57+21	58+63	LT		0.06	
59+96	61+28	LT		0.06	
63+14	63+85	LT		0.02	
65+30	66+99	LT		0.09	
67+27	67+49	LT		0.02	
68+71		44' LT			1
68+90		48' LT			1
69+00		32' LT			1
69+17		42' LT			1
69+28		27' LT			1
<b>TOTAL</b>			<b>30</b>	<b>0.25</b>	<b>5</b>

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	10
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				

**ENTRANCE**

STATION (NOTE 1)	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W" (NOTE 1) (FOOT)	BUFFER DEPTH "D 1" (FOOT)	ENTRANCE DEPTH "D 2" (FOOT)	EXISTING SURFACE TYPE	AGG BASE CSE A 4 (SQ YD)	PCC DRIVEWAY PAVT 6 (SQ YD)	DRIVE PAVEMENT REM (SQ YD)
IL 157									
50+54.0	LT	PE	24	27	0	CONC	123	123	123
52+13.5	LT	PE	20	24.5	18	ASPH	121	121	171
52+52.3	LT	PE	12	24	16	ASPH	72	72	120
53+94.2	LT	PE	12	11	4	ASPH	38	38	40
58+91.5	LT	PE	12	2.5	0	ASPH	21	21	20
59+49.3	LT	PE	13	2.5	10	ASPH	36	36	35
61+85.8	LT	PE	16.5	2.5	15.5	ASPH	53	53	51
69+00.0	LT					ASPH			91
<b>TOTAL</b>							<b>464</b>	<b>464</b>	<b>651</b>

**ENTRANCE NOTES:**

- PRIOR TO CONSTRUCTION, THE ENGINEER WILL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL ENTRANCES. THE CONTRACTOR SHALL CONFIRM THE FINAL LOCATIONS AND WIDTHS WITH THE ENGINEER PRIOR TO CONSTRUCTION. SEE CONSTRUCTION DETAILS SHEET FOR ENTRANCE DETAILS.

**EARTHWORK**

STATION	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (NOTE 2) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (NOTE 3) (CU YD)
IL 157					
39+00	69+50	2,605	2,085	2,005	80
UNIVERSITY DRIVE					
100+00	102+05	30	25	5	20
<b>TOTAL</b>		<b>2,635</b>	<b>2,110</b>	<b>2,010</b>	<b>100</b>

**EARTHWORK NOTES:**

- ESTIMATED SHRINKAGE FACTOR = 20%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

**STORM SEWER**

STATION	OFFSET	STATION	OFFSET	TRENCH BACKFILL (CU YD)	STONE RIPRAP CL A3 (SQ YD)	FILTER FABRIC (SQ YD)	PRC FLAR END SEC 15 (EACH)	PRC FLAR END SEC 18 (EACH)	P CUL CL A 1 15 (FOOT)	SS RG CL A 1 18 (FOOT)	CONC HDWL FOR P DRAIN (EACH)	P UNDR OUTLET EXT 4 (EACH)	MAN TA 4 DIA T1F CL (EACH)	MAN TA 5 DIA T1F CL (EACH)	INLETS TA T9F&G (EACH)	INLETS TA T20F&G (EACH)	INLETS TA T23F&G (EACH)	INLETS TB T23F&G (EACH)	INLETS TB T24F&G (EACH)	HDP PIPE 8" (FOOT)
41+33	LT	41+50	RT	4				1		39	1	1								
41+50	RT																		1	
41+50	RT	43+00	RT	30						150									1	
43+00	RT																			
46+40	RT	46+92	RT	3			2		40											
50+24	RT	50+84	RT	8			2		47											
51+80	RT	53+00	RT	23				1		117										
53+00	RT												1							
53+00	RT	54+15	RT	12						114										
54+15	RT												1							
54+15	RT	54+20	LT	6				1		20	1	1								
54+15	RT	55+25	LT	35	6	6				111										
55+25	RT																	1		
55+25	LT	57+11	RT	37						186										
57+11	RT																1			
64+64	LT														1					
64+64	LT	64+64	RT	1																22
67+60	LT	68+59	RT	24												1				101
<b>TOTAL</b>				<b>183</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>87</b>	<b>737</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>123</b>

**CURB & GUTTER**

STATION	STATION	OFFSET	PAVED SHLD REMOVAL (SQ YD)	SAW CUTS (FOOT)	CONC CURB TB (FOOT)	CONC GUTTER TA (FOOT)	COMB CC&G TB6.18 (NOTE 1) (FOOT)	COMB CC&G TB6.24 (NOTE 1) (FOOT)	COMB CC&G TB9.24 (NOTE 1) (FOOT)	CURB REMOVAL SPL (FOOT)
IL 157										
39+10	39+90	RT	1					87		84
40+58	43+09	RT	18					264		77
43+09	43+12	RT			13					13
43+41	43+46	RT			15					15
46+53	46+53	RT			17					17
46+77	46+77	RT			17					17
54+07	58+69	RT	88				463			35
61+94	67+62	LT				568				
61+99	67+11	RT		509					509	512
67+11	69+58	RT	38					249		247
UNIVERSITY DRIVE										
100+00	100+28	RT						32		32
100+39	100+48	RT						18		18
101+06	102+05	LT			100					
101+85	102+05	RT						26		26
<b>TOTAL</b>			<b>145</b>	<b>509</b>	<b>162</b>	<b>568</b>	<b>463</b>	<b>676</b>	<b>509</b>	<b>1,093</b>

**CURB & GUTTER NOTES:**

- THE TRANSITION FROM TYPE B-6.18 CC&G, TYPE B-6.24 CC&G, OR TYPE B-9.24 CC&G TO EXISTING TYPE A GUTTER OR TYPE B CURB SHALL BE MEASURED FOR PAYMENT AS COMB CC&G TB6.18, COMB CC&G TB6.24, OR COMB CC&G TB9.24 RESPECTIVELY

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	11
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				

**PAVEMENT MARKING**

STATION	STATION	OFFSET	COMMENT	COLOR	TEMP PVT MK LINE 12 (NOTE 1) (FOOT)	THPL PVT MK LINE 24 (NOTE 1) (FOOT)	PAINT PVT MK LINE 4 (NOTE 1) (FOOT)	PAINT PVT MK LINE 12 (NOTE 1) (FOOT)	PAVMT MRKG REM WTR BL (SQ FT)
IL 157									
39+10	39+58	CL	SKIP DASH 3'-9"	YELLOW			12		
39+76	40+66	CL	CROSSWALK @ LEWIS RD	WHITE		230			
39+94	40+28	LT	STOP BAR @ LEWIS RD	WHITE		36		76	
40+85	40+85	RT	EXIST STOP BAR	WHITE				48	
40+85	41+11	RT	EXIST SKIP DASH 10'-30"	WHITE				4	
40+85	41+11	RT	EXIST LANE LINE	WHITE				9	
40+99	41+05	RT	CROSSWALK @ 157	WHITE		120			
40+99	40+99	RT	EXIST STOP BAR	WHITE				26	
40+99	41+11	RT	EXIST LANE LINE	WHITE				4	
41+09	41+11	RT	STOP BAR @ 157	WHITE		37			
41+17	42+60	CL	SKIP DASH 3'-9"	YELLOW			36		
42+60	43+10	CL	SOLID	YELLOW			50		
43+00		RT	PATH STOP BAR	WHITE				5	
43+09	43+22	RT	EXIST STOP BAR	WHITE				28	
43+43	43+93	CL	SOLID	YELLOW			50		
43+54		LT	PATH STOP BAR	WHITE				5	
43+93	46+03	CL	SKIP DASH 3'-9"	YELLOW			54		
46+03	46+53	CL	SOLID	YELLOW			50		
46+42		RT	PATH STOP BAR	WHITE				5	
46+78	47+28	CL	SOLID	YELLOW			50		
46+88		LT	PATH STOP BAR	WHITE				5	
47+28	50+42	CL	SKIP DASH 3'-9"	YELLOW			78		
50+66	52+03	CL	SKIP DASH 3'-9"	YELLOW			33		
52+24	52+46	CL	SKIP DASH 3'-9"	YELLOW			6		
52+59	53+88	CL	SKIP DASH 3'-9"	YELLOW			33		
54+00	54+53	CL	SKIP DASH 3'-9"	YELLOW			12		
54+53	55+03	CL	SOLID	YELLOW			50		
55+03	58+08	CL	SKIP DASH 3'-9"	YELLOW			75		
58+08	58+48	CL	SOLID	YELLOW			40		
58+48	58+85	CL	SKIP DASH 3'-9"	YELLOW			9		
58+97	59+43	CL	SKIP DASH 3'-9"	YELLOW			12		
59+56	61+78	CL	SKIP DASH 3'-9"	YELLOW			57		
61+94	69+58	CL	SKIP DASH 3'-9"	YELLOW			192		
68+79		LT	PATH STOP BAR	WHITE				5	
39+94	40+28	LT	TEMP STOP BAR	WHITE	36				36
41+09	41+11	RT	TEMP STOP BAR	WHITE	37				37
UNIVERSITY DRIVE									
100+20	100+44	RT	CROSSWALK @ UNIVERSITY DR	WHITE		126			
100+33	100+42	RT	STOP BAR @ UNIVERSITY DR	WHITE		35			72
100+33	100+42	RT	TEMP STOP BAR	WHITE	35				35
<b>TOTAL</b>					<b>108</b>	<b>584</b>	<b>899</b>	<b>25</b>	<b>375</b>

**PAVEMENT MARKING NOTES:**

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.

**CULVERT REMOVAL**

STATION	OFFSET	STATION	OFFSET	SIZE (INCHES)	PIPE CULVERT REMOV (FOOT)
IL 157					
50+31	RT	50+76	RT	15"	44
51+93	RT	52+68	RT	15"	74
53+83	RT	54+04	RT	18"	21
<b>TOTAL</b>					<b>139</b>

**SIGN**

STATION	OFFSET	TYPE	DESCRIPTION	SIZE (FT X FT)	SIGN PANEL T1 (SQ FT)	TELES STL SIN SUPPORT (FOOT)	REM RE-ERECT EX SIGN (EACH)
IL 157							
39+73	LT	R10-3e	PUSH BUTTON	9 X 15	0.9		
39+75	LT	R5-3	NO MOTOR VEHICLES	24 X 24	4.0	15.0	
39+91	LT	D11-1	BIKE ROUTE	24 X 18	3.0	15.5	
		M6-4	ARROW	12 X 9	0.8		
40+68	LT	R5-3	NO MOTOR VEHICLES	24 X 24	4.0		
		R10-3e	PUSH BUTTON	9 X 15	0.9		
40+74	LT	D11-1	BIKE ROUTE	24 X 18	3.0	15.5	
		M6-4	ARROW	12 X 9	0.8		
40+97	RT	R10-3e	PUSH BUTTON	9 X 15	0.9		
41+08	RT		MCT BUS STOP				1
42+25	RT	SP2-L	BIKE CROSSING	30 X 30	6.3	17.0	
		W11-1P	BIKE X-ING	24 X 18	3.0		
43+00	RT	R1-1	STOP	18 X 18	2.3	14.5	
43+06	RT		STOP / RIGHT TURN ONLY				1
43+10	LT	D11-1	BIKE ROUTE	24 X 18	3.0	17.5	
		M6-4	ARROW	12 X 9	0.8		
		R5-3	NO MOTOR VEHICLES	24 X 24	4.0		
43+54	LT	R1-1	STOP	18 X 18	2.3	14.5	
44+10	LT	W8-3	PAVEMENT ENDS	30 X 30	6.3	16.5	
		W16-2aP	500 FT	24 X 12	2.0		
45+45	RT	SP2-L	BIKE CROSSING	30 X 30	6.3	17.0	
		W11-1P	BIKE X-ING	24 X 18	3.0		
46+42	RT	R1-1	STOP	18 X 18	2.3	14.5	
46+50	LT	D11-1	BIKE ROUTE	24 X 18	3.0	17.5	
		M6-4	ARROW	12 X 9	0.8		
		R5-3	NO MOTOR VEHICLES	24 X 24	4.0		
46+88	LT	R1-1	STOP	18 X 18	2.3	14.5	
47+12	RT		TRAFFIC LIGHT WARNING				1
48+77	RT	SP2-L	BIKE CROSSING	30 X 30	6.3	17.0	
		W11-1P	BIKE X-ING	24 X 18	3.0		
48+96	RT		CENTER TURN LANE ONLY				1
52+61	RT		STREET NAME				1
54+10	RT	W5-4a	PATH NARROWS	18 X 18	2.3	14.5	
59+30	LT	W5-4a	PATH NARROWS	18 X 18	2.3	14.5	
62+47	LT		SPEED LIMIT				1
68+92	LT		STOP				1
68+92	RT		MCT BUS STOP				1
UNIVERSITY DRIVE							
100+08	LT	R10-3e	PUSH BUTTON	9 X 15	0.9		
		R10-3e	PUSH BUTTON	9 X 15	0.9		
100+47	RT	R10-3e	PUSH BUTTON	9 X 15	0.9		
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES**

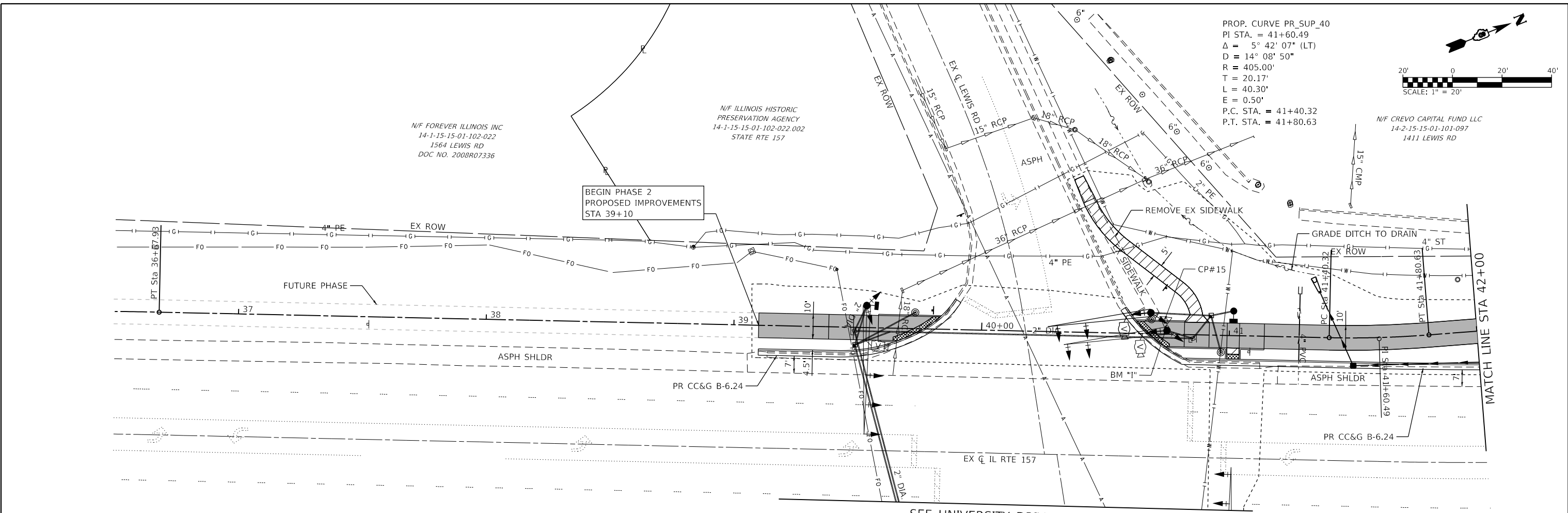
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	12
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				

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	ALIGNED	
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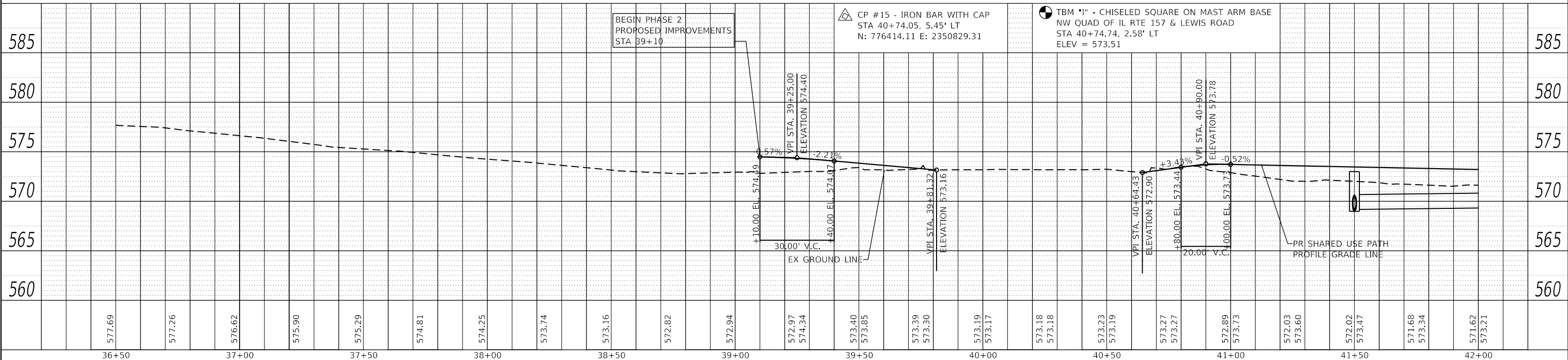
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MODEL: D:\18087-shh-gp\hwy11  
 FILE NAME: Hwy18087 - IL 157 Shared Use Path.dwg  
 CADD:\MicroStation\CADD\_Sheets\18087-shh-gp\hwy11\157.dgn



PROP. CURVE PR\_SUP\_40  
 PI STA. = 41+60.49  
 $\Delta = 5^\circ 42' 07''$  (LT)  
 $D = 14^\circ 08' 50''$   
 $R = 405.00'$   
 $T = 20.17'$   
 $L = 40.30'$   
 $E = 0.50'$   
 P.C. STA. = 41+40.32  
 P.T. STA. = 41+80.63

PLAN SHEET LEGEND	
---	LIMITS OF CONSTRUCTION
	PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
	PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
	ADA TRUNCATED DOMES



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE SHEETS

**OATES ASSOCIATES**  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = b,hell	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/8/2021	DATE -	REVISED -

SCALE: 1"=20'	SHEET 1 OF 6 SHEETS	STA. TO STA.
---------------	---------------------	--------------

F.A.P. RTE. 592	SECTION 18-00111-01-BT	COUNTY MADISON	TOTAL SHEETS 72	SHEET NO. 13
			CONTRACT NO. 97762	
		ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	

MODEL: D818087-shh-qhpr2  
 FILE NAME: H:\157-Shared Use Path\shh-qhpr2\157.dgn  
 CADD:\MicroStation\CADD\_Sheets\0818087-shh-qhpr2\157.dgn

N/F CREVO CAPITAL FUND LLC  
 14-2-15-15-01-101-097  
 1411 LEWIS RD

PROP. CURVE PR\_SUP\_43  
 PI STA. = 42+40.99  
 $\Delta = 1^\circ 50' 42''$  (RT)  
 $D = 5^\circ 45' 30''$   
 $R = 995.00'$   
 $T = 16.02'$   
 $L = 32.04'$   
 $E = 0.13'$   
 P.C. STA. = 42+24.97  
 P.T. STA. = 42+57.01

N/F IDR2020 LLC  
 14-2-15-15-01-101-098  
 449 S STATE ROUTE 157  
 DOC NO. 2018R32153

PROP. CURVE PR\_SUP\_46  
 PI STA. = 43+73.86  
 $\Delta = 9^\circ 26' 57''$  (LT)  
 $D = 19^\circ 05' 55''$   
 $R = 300.00'$   
 $T = 24.79'$   
 $L = 49.48'$   
 $E = 1.02'$   
 P.C. STA. = 43+49.06  
 P.T. STA. = 43+98.54

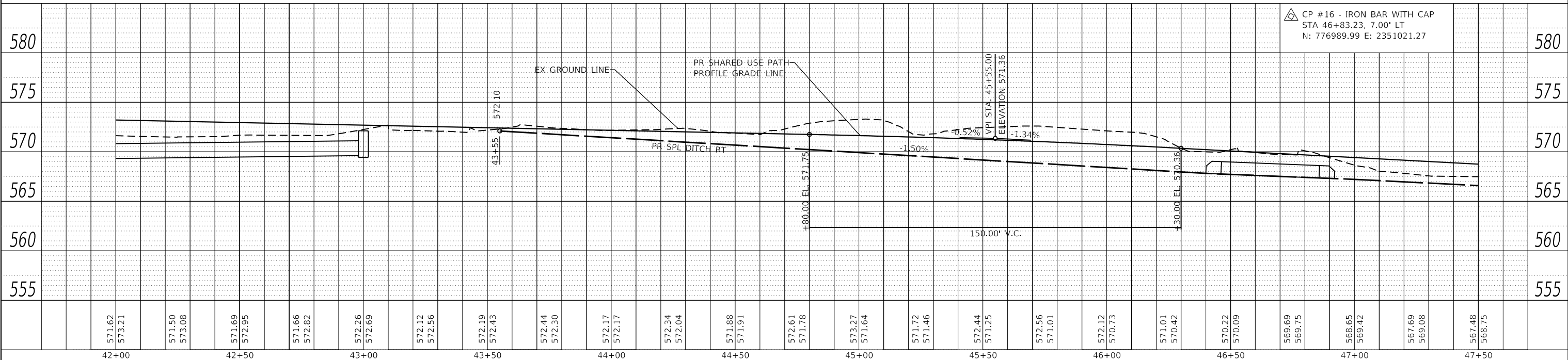
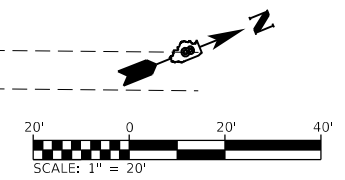
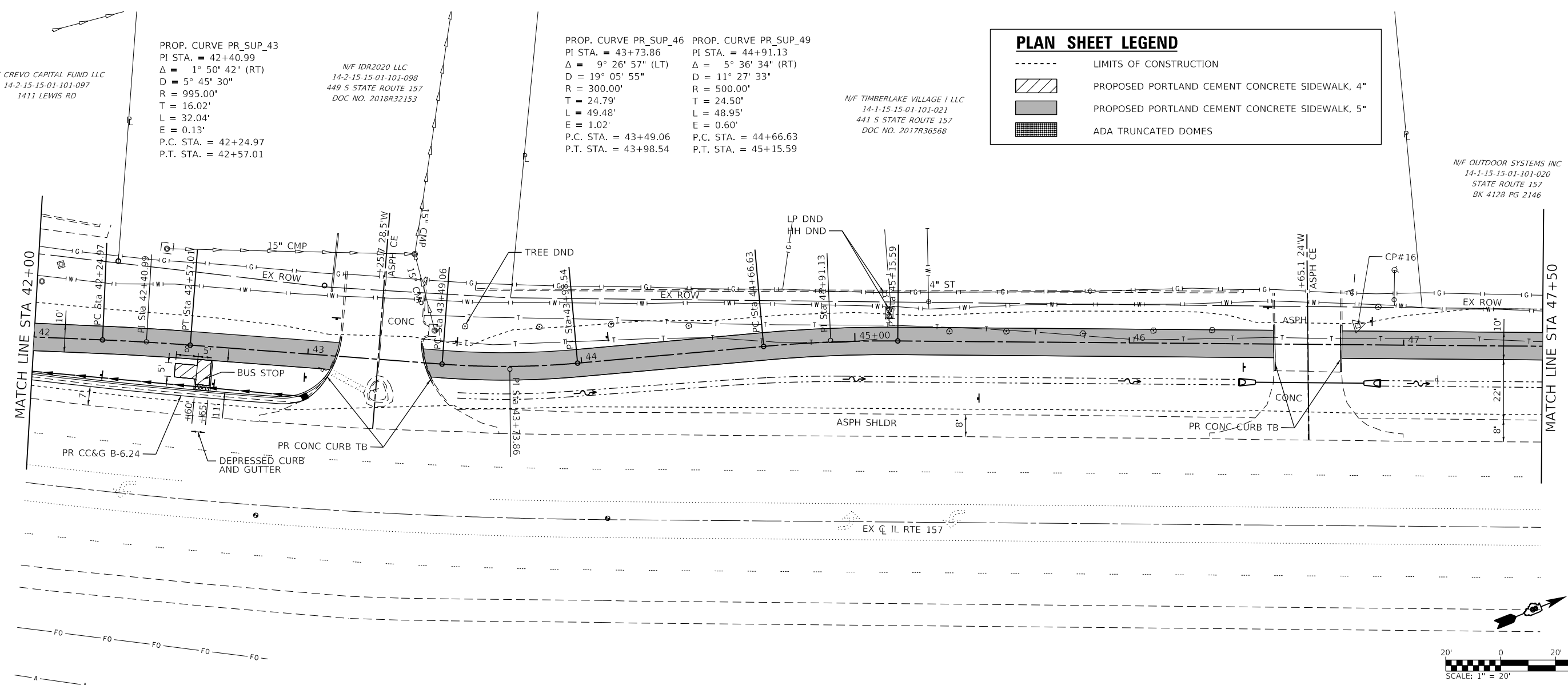
PROP. CURVE PR\_SUP\_49  
 PI STA. = 44+91.13  
 $\Delta = 5^\circ 36' 34''$  (RT)  
 $D = 11^\circ 27' 33''$   
 $R = 500.00'$   
 $T = 24.50'$   
 $L = 48.95'$   
 $E = 0.60'$   
 P.C. STA. = 44+66.63  
 P.T. STA. = 45+15.59

N/F TIMBERLAKE VILLAGE I LLC  
 14-1-15-15-01-101-021  
 441 S STATE ROUTE 157  
 DOC NO. 2017R36568

N/F OUTDOOR SYSTEMS INC  
 14-1-15-15-01-101-020  
 STATE ROUTE 157  
 BK 4128 PG 2146

**PLAN SHEET LEGEND**

- LIMITS OF CONSTRUCTION
- [Hatched Box] PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- [Solid Grey Box] PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- [Grid Box] ADA TRUNCATED DOMES



42+00	42+50	43+00	43+50	44+00	44+50	45+00	45+50	46+00	46+50	47+00	47+50											
571.62 573.21	571.50 573.08	571.69 572.95	571.66 572.82	572.26 572.69	572.12 572.56	572.19 572.43	572.44 572.30	572.17 572.17	572.34 572.04	571.88 571.91	572.61 571.78	573.27 571.64	571.72 571.46	572.44 571.25	572.56 571.01	572.12 570.73	571.01 570.42	570.22 570.09	569.69 569.75	568.65 569.42	567.69 569.08	567.48 568.75

**OATES ASSOCIATES**  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE SHEETS**  
 SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	14
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

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

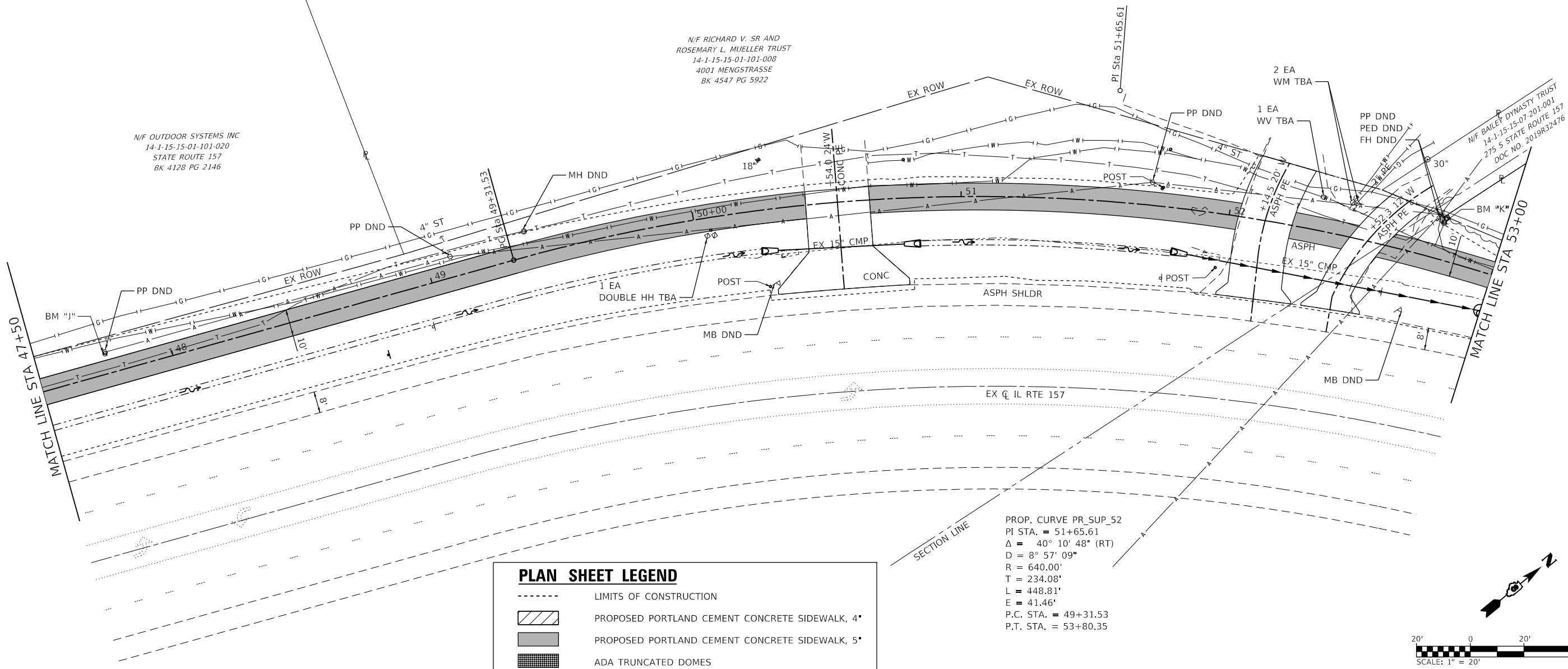
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	CHECKED
	NOTE BOOK	FILE NAME
	NO.	

MODEL: D818087-shh-nhp13  
 FILE NAME: H:\137 Shared Use Path\hph\_1\CADD\MicroStation\CADD\_Sheets\0818087-shh-nhp13.dgn

N/F OUTDOOR SYSTEMS INC  
 14-1-15-15-01-101-020  
 STATE ROUTE 157  
 BK 4128 PG 2146

N/F RICHARD V. SR AND  
 ROSEMARY L. MUELLER TRUST  
 14-1-15-15-01-101-008  
 4001 MENGSTRASSE  
 BK 4547 PG 5922

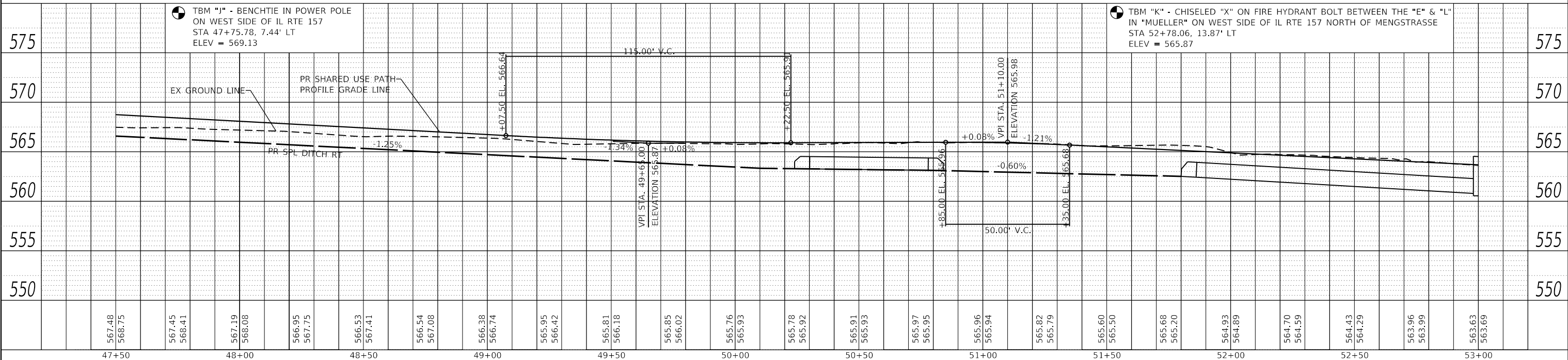
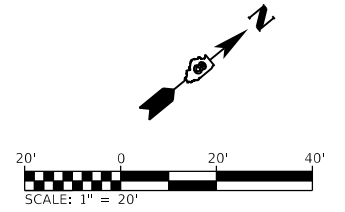
N/F BAILEY DYNASTY TRUST  
 14-1-15-15-07-201-001  
 275 S STATE ROUTE 157  
 DOC NO. 2019R32476



**PLAN SHEET LEGEND**

- LIMITS OF CONSTRUCTION
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4'
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5'
- ADA TRUNCATED DOMES

PROP. CURVE PR SUP\_52  
 PI STA. = 51+65.61  
 $\Delta = 40^\circ 10' 48''$  (RT)  
 $D = 8^\circ 57' 09''$   
 $R = 640.00'$   
 $T = 234.08'$   
 $L = 448.81'$   
 $E = 41.46'$   
 P.C. STA. = 49+31.53  
 P.T. STA. = 53+80.35



● TBM "J" - BENCHMARK IN POWER POLE  
 ON WEST SIDE OF IL RTE 157  
 STA 47+75.78, 7.44' LT  
 ELEV = 569.13

● TBM "K" - CHISELED "X" ON FIRE HYDRANT BOLT BETWEEN THE "E" & "L"  
 IN "MUELLER" ON WEST SIDE OF IL RTE 157 NORTH OF MENGSTRASSE  
 STA 52+78.06, 13.87' LT  
 ELEV = 565.87

47+50	48+00	48+50	49+00	49+50	50+00	50+50	51+00	51+50	52+00	52+50	53+00											
567.48 568.75	567.45 568.41	567.19 568.08	566.95 567.75	566.53 567.41	566.54 567.08	566.38 566.74	565.95 566.42	565.81 566.18	565.85 566.02	565.76 565.93	565.78 565.92	565.91 565.93	565.97 565.95	565.96 565.94	565.82 565.79	565.60 565.50	565.68 565.20	564.93 564.89	564.70 564.59	564.43 564.29	563.96 563.99	563.63 563.69

**OATES ASSOCIATES**  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

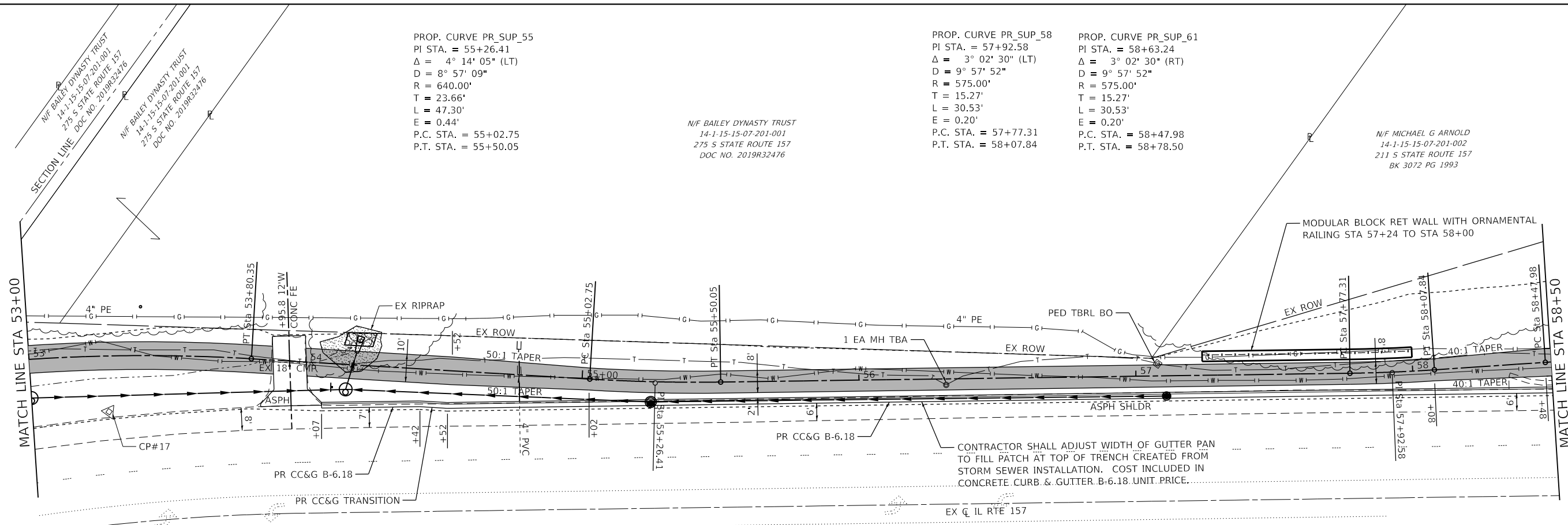
**PLAN & PROFILE SHEETS**  
 SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE. 592	SECTION 18-00111-01-BT	COUNTY MADISON	TOTAL SHEETS 72	SHEET NO. 15
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

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

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK	NO.
	CADD FILE NAME	

MODEL: D818083-shh-qhny14  
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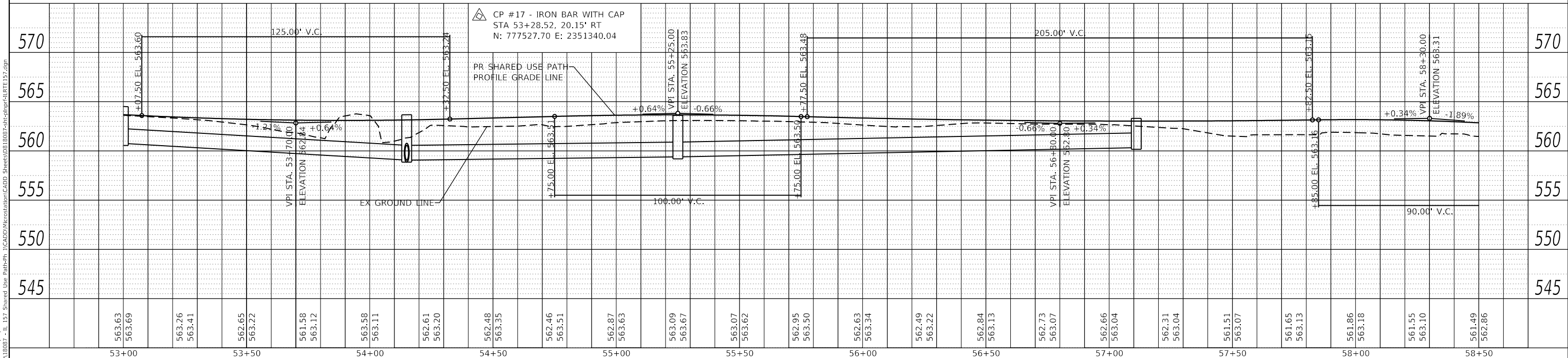
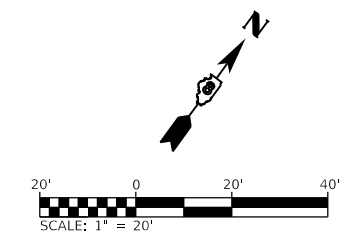
**PROP. CURVE PR\_SUP\_55**  
 PI STA. = 55+26.41  
 $\Delta = 4^\circ 14' 05''$  (LT)  
 $D = 8^\circ 57' 09''$   
 $R = 640.00'$   
 $T = 23.66'$   
 $L = 47.30'$   
 $E = 0.44'$   
 P.C. STA. = 55+02.75  
 P.T. STA. = 55+50.05

**PROP. CURVE PR\_SUP\_58**  
 PI STA. = 57+92.58  
 $\Delta = 3^\circ 02' 30''$  (LT)  
 $D = 9^\circ 57' 52''$   
 $R = 575.00'$   
 $T = 15.27'$   
 $L = 30.53'$   
 $E = 0.20'$   
 P.C. STA. = 57+77.31  
 P.T. STA. = 58+07.84

**PROP. CURVE PR\_SUP\_61**  
 PI STA. = 58+63.24  
 $\Delta = 3^\circ 02' 30''$  (RT)  
 $D = 9^\circ 57' 52''$   
 $R = 575.00'$   
 $T = 15.27'$   
 $L = 30.53'$   
 $E = 0.20'$   
 P.C. STA. = 58+47.98  
 P.T. STA. = 58+78.50

**PLAN SHEET LEGEND**

- LIMITS OF CONSTRUCTION
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ADA TRUNCATED DOMES



53+00	53+50	54+00	54+50	55+00	55+50	56+00	56+50	57+00	57+50	58+00	58+50											
563.63 563.69	563.26 563.41	562.65 563.22	561.58 563.12	563.58 563.11	562.61 563.20	562.48 563.35	562.46 563.51	562.87 563.63	563.09 563.67	563.07 563.62	562.95 563.50	562.63 563.34	562.49 563.22	562.84 563.13	562.73 563.07	562.66 563.04	562.31 563.04	561.51 563.07	561.65 563.13	561.86 563.18	561.55 563.10	561.49 562.86

**OATES ASSOCIATES**  
 ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE SHEETS**

SCALE: 1"=20'    SHEET 4 OF 6 SHEETS    STA.    TO STA.

F.A.P. RTE. 592	SECTION 18-00111-01-BT	COUNTY MADISON	TOTAL SHEETS 72	SHEET NO. 16
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

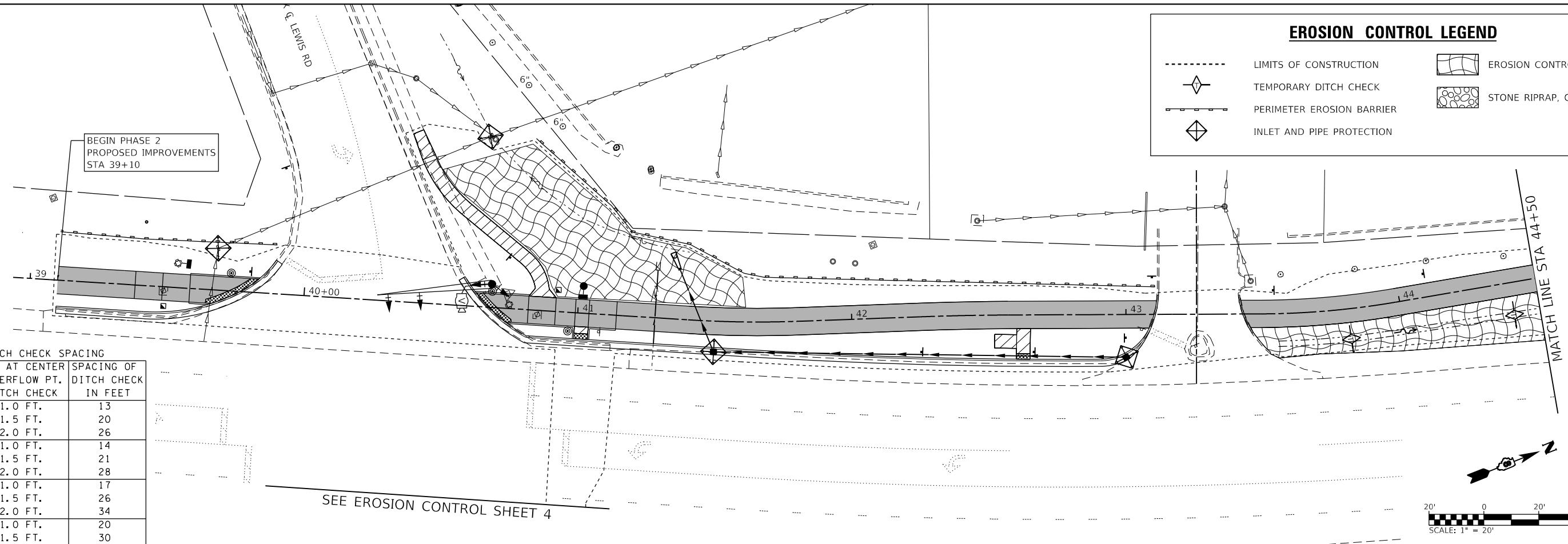




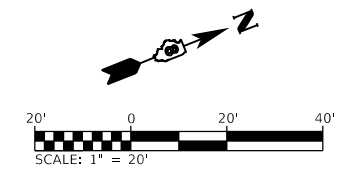
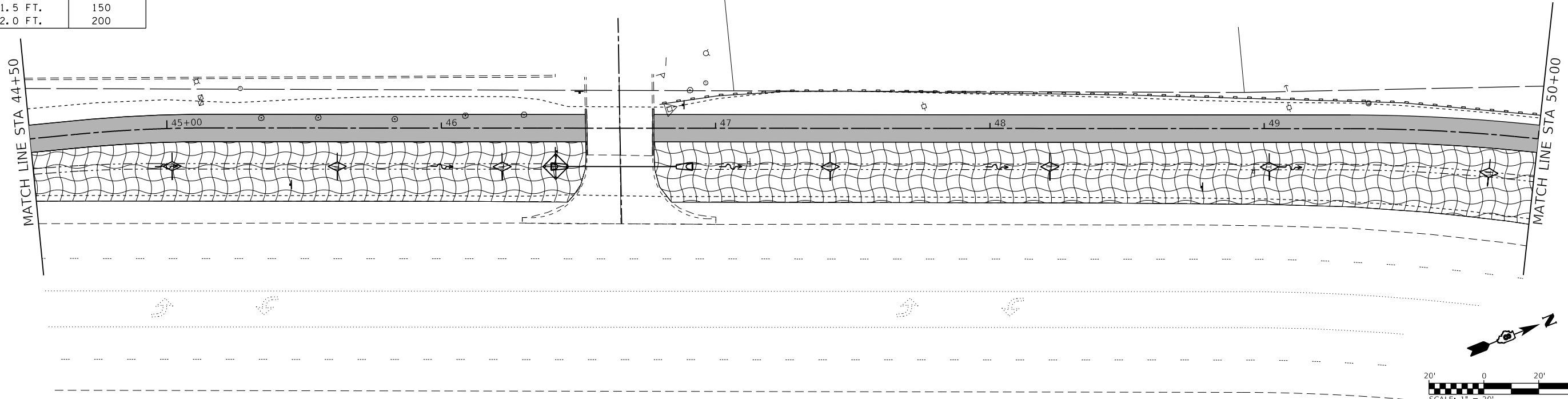
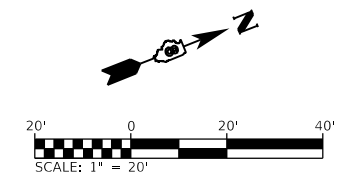




EROSION CONTROL LEGEND			
	LIMITS OF CONSTRUCTION		EROSION CONTROL BLANKET
	TEMPORARY DITCH CHECK		STONE RIPRAP, CLASS A3
	PERIMETER EROSION BARRIER		
	INLET AND PIPE PROTECTION		



DITCH CHECK SPACING		
% SLOPE	HT. AT CENTER OVERFLOW PT. DITCH CHECK	SPACING OF DITCH CHECK IN FEET
8%	1.0 FT.	13
	1.5 FT.	20
	2.0 FT.	26
7%	1.0 FT.	14
	1.5 FT.	21
	2.0 FT.	28
6%	1.0 FT.	17
	1.5 FT.	26
	2.0 FT.	34
5%	1.0 FT.	20
	1.5 FT.	30
	2.0 FT.	40
4%	1.0 FT.	25
	1.5 FT.	38
	2.0 FT.	50
3%	1.0 FT.	33
	1.5 FT.	50
	2.0 FT.	66
2%	1.0 FT.	50
	1.5 FT.	75
	2.0 FT.	100
1% & BELOW	1.0 FT.	100
	1.5 FT.	150
	2.0 FT.	200



MODEL: D:\1807-18-01-11\157\_Shared\_Usage\_Path\11\CADD\Microstation\CADD\_Sheets\1807-18-01-11-157.dgn  
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USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/8/2021	CHECKED -	REVISED -
	DATE -	REVISED -

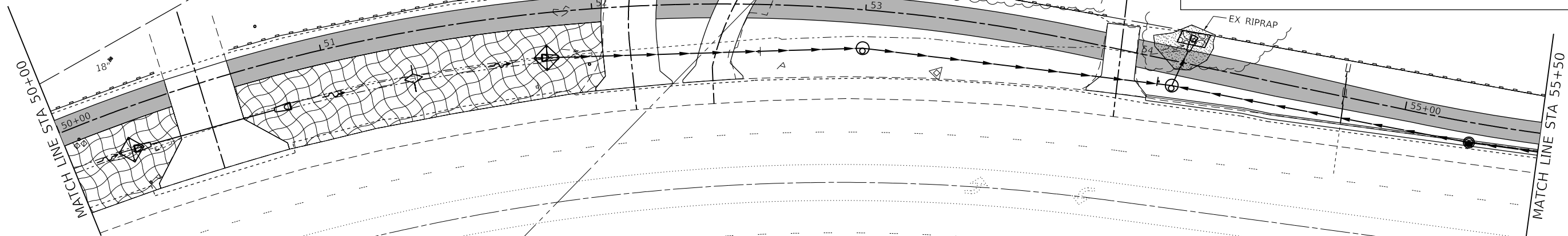
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL SHEETS**  
 SCALE: 1" = 20' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	20
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				

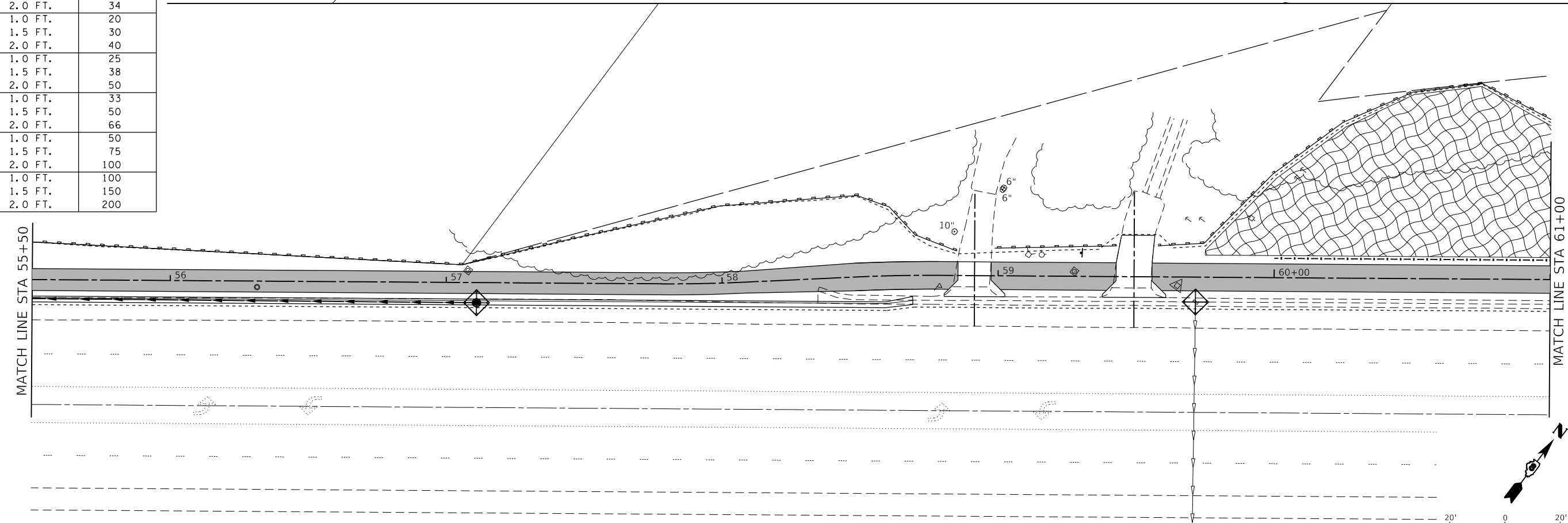
**EROSION CONTROL LEGEND**

- LIMITS OF CONSTRUCTION
- ◇ TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- ◇ INLET AND PIPE PROTECTION
- ▨ EROSION CONTROL BLANKET
- ⊙ STONE RIPRAP, CLASS A3



DITCH CHECK SPACING

% SLOPE	HT. AT CENTER OVERFLOW PT. DITCH CHECK	SPACING OF DITCH CHECK IN FEET
8%	1.0 FT.	13
	1.5 FT.	20
	2.0 FT.	26
7%	1.0 FT.	14
	1.5 FT.	21
	2.0 FT.	28
6%	1.0 FT.	17
	1.5 FT.	26
	2.0 FT.	34
5%	1.0 FT.	20
	1.5 FT.	30
	2.0 FT.	40
4%	1.0 FT.	25
	1.5 FT.	38
	2.0 FT.	50
3%	1.0 FT.	33
	1.5 FT.	50
	2.0 FT.	66
2%	1.0 FT.	50
	1.5 FT.	75
	2.0 FT.	100
1% & BELOW	1.0 FT.	100
	1.5 FT.	150
	2.0 FT.	200



MODEL: D:\18087-1\hch\p1\1\157\_Shared\_Usage\_Path\11\CADD\Microstation\CADD\_Sheets\18087-1\hch-er-05.dgn  
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 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



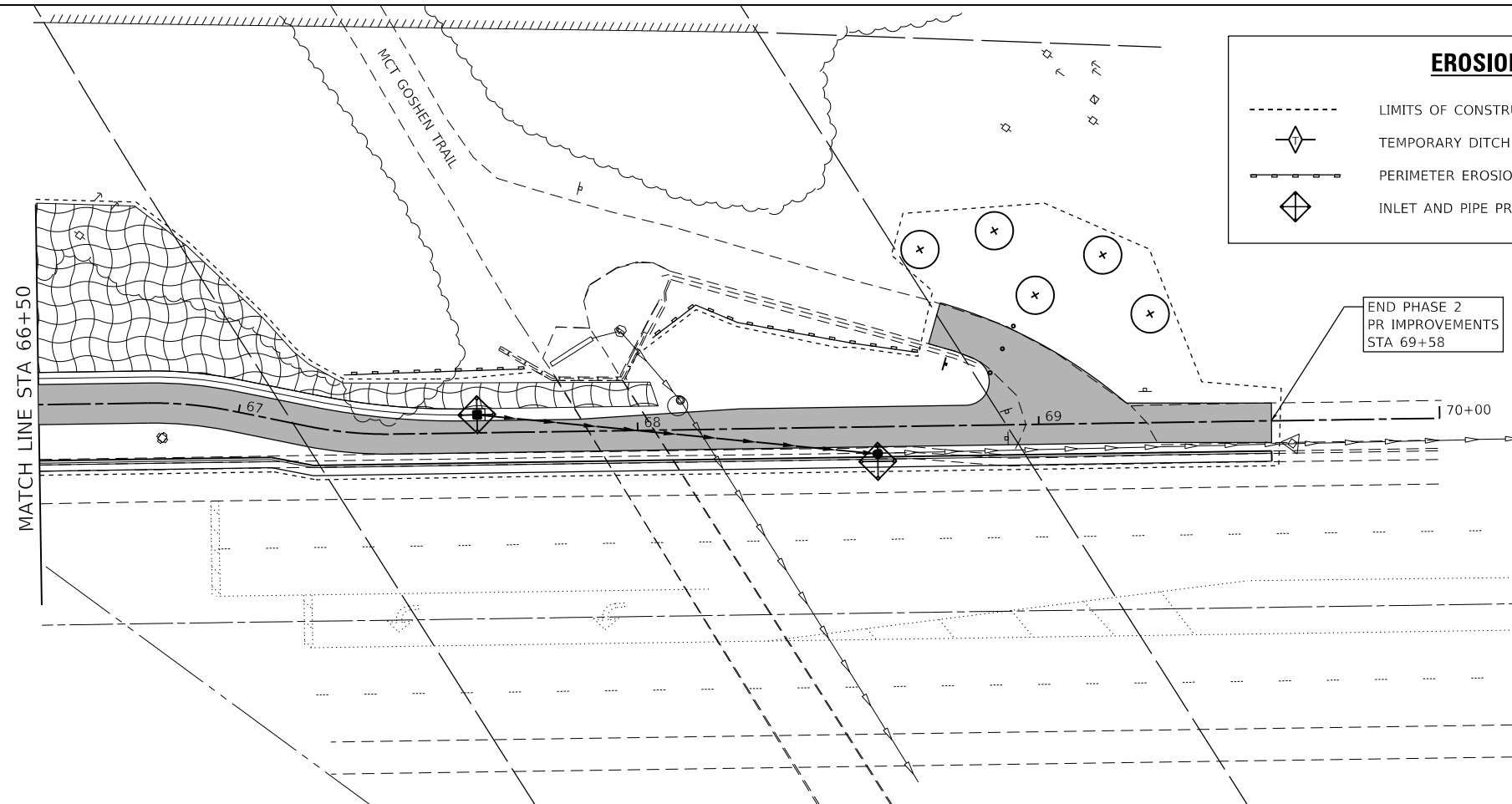
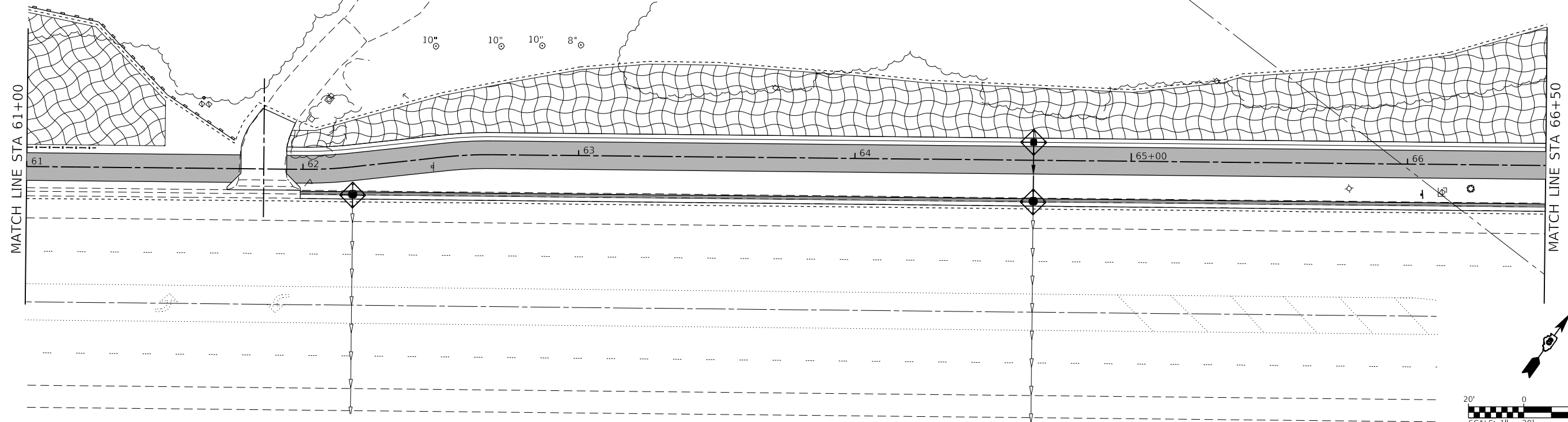
USER NAME = b,hell  
 DESIGNED -  
 DRAWN -  
 PLOT SCALE = 40.0000 ' / in.  
 CHECKED -  
 PLOT DATE = 6/8/2021  
 DATE -  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL SHEETS**

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	21
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	



**EROSION CONTROL LEGEND**

-----	LIMITS OF CONSTRUCTION		EROSION CONTROL BLANKET
	TEMPORARY DITCH CHECK		STONE RIPRAP, CLASS A3
-----	PERIMETER EROSION BARRIER		
	INLET AND PIPE PROTECTION		

**DITCH CHECK SPACING**

% SLOPE	HT. AT CENTER OVERFLOW PT. DITCH CHECK	SPACING OF DITCH CHECK IN FEET
8%	1.0 FT.	13
	1.5 FT.	20
	2.0 FT.	26
7%	1.0 FT.	14
	1.5 FT.	21
	2.0 FT.	28
6%	1.0 FT.	17
	1.5 FT.	26
	2.0 FT.	34
5%	1.0 FT.	20
	1.5 FT.	30
	2.0 FT.	40
4%	1.0 FT.	25
	1.5 FT.	38
	2.0 FT.	50
3%	1.0 FT.	33
	1.5 FT.	50
	2.0 FT.	66
2%	1.0 FT.	50
	1.5 FT.	75
	2.0 FT.	100
1% & BELOW	1.0 FT.	100
	1.5 FT.	150
	2.0 FT.	200

MODEL: D:\1807-2\1807-2.dgn  
 FILE NAME: 1807-2.dwg  
 USER: b.heil  
 DATE: 6/10/2021  
 PROJECT: 1807-2  
 SHEET: 3 OF 4  
 CONTRACT: 97762



USER NAME = b.heil  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -  
 PLOT SCALE = 40,0000 ' / in.  
 PLOT DATE = 6/10/2021

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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

**EROSION CONTROL SHEETS**

SCALE: 1" = 20'    SHEET 3 OF 4 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	22
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				

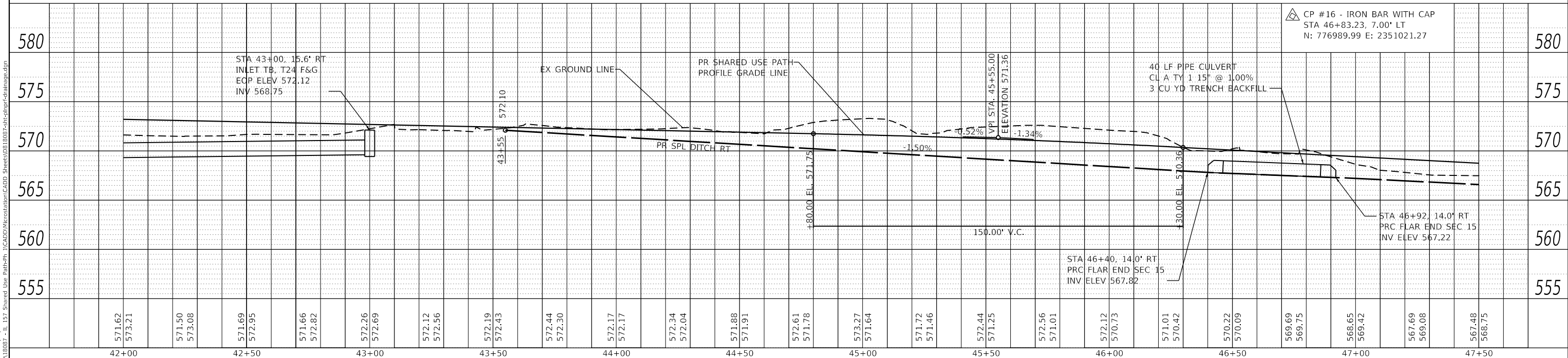
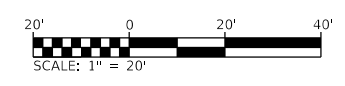
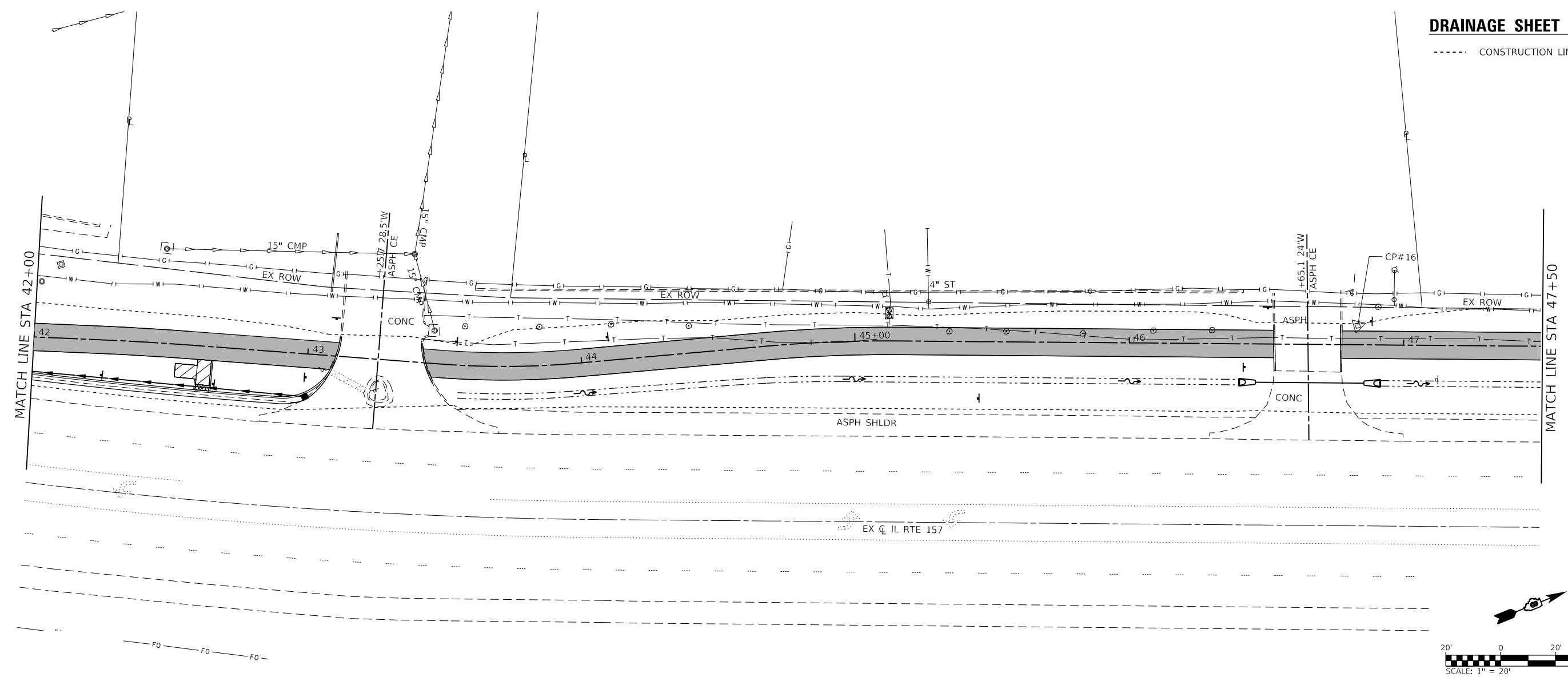






**DRAINAGE SHEET LEGEND**

----- CONSTRUCTION LIMITS



PLAN	SURVEYED	DATE
NO.		
NOTE BOOK	ALIGNED	CHECKED
	CADD FILE NAME	

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

MODEL: D818087-shh-qhnp12  
FILE NAME: H:\1318087 - IL 131 Shared Use Path\p13\CADD\Microstation\CADD\_Sheets\0818087-shh-qhnp12-drainage.dgn

**OATES ASSOCIATES**  
www.oatesassociates.com  
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN & PROFILE SHEETS**

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

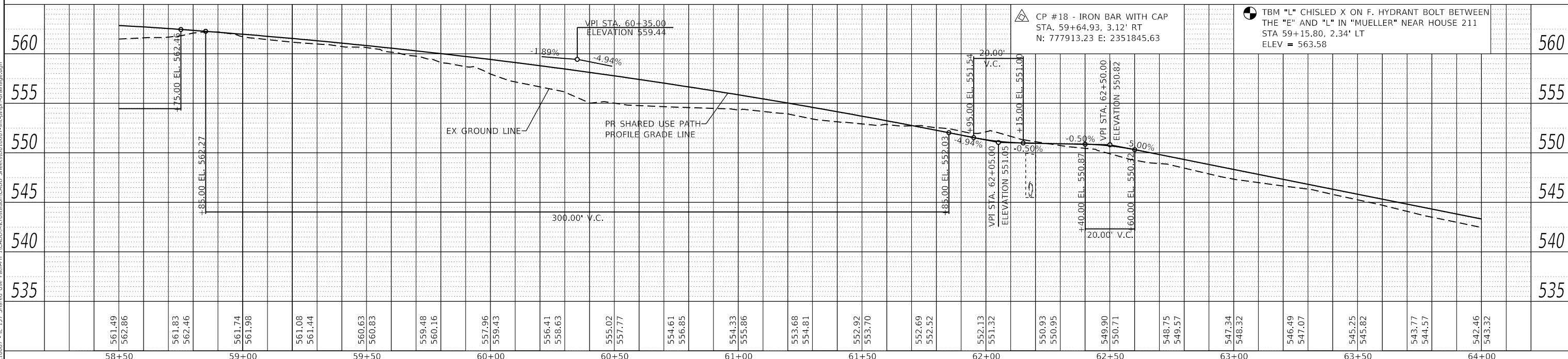
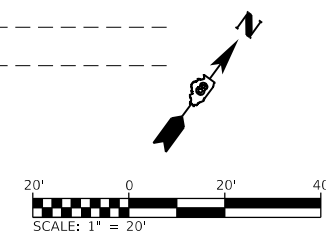
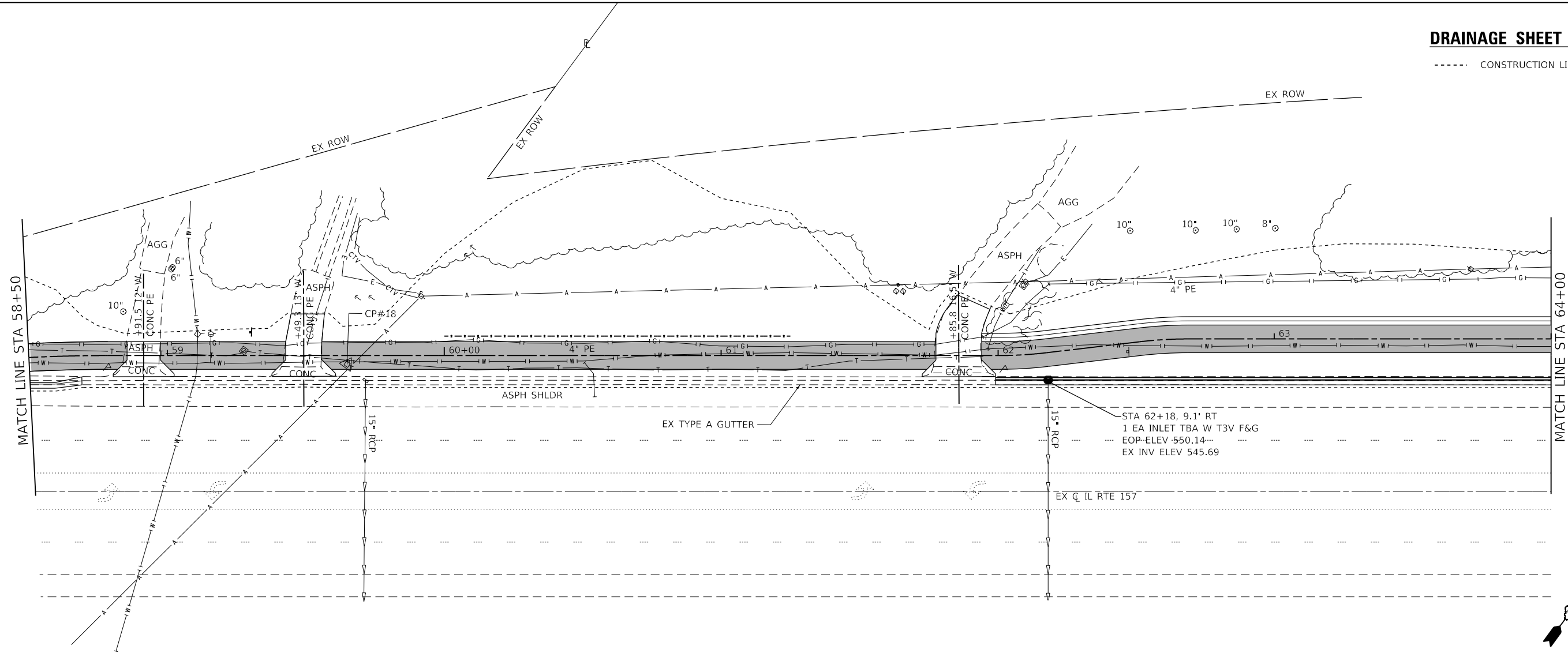
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	25
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	





**DRAINAGE SHEET LEGEND**

----- CONSTRUCTION LIMITS



CP #18 - IRON BAR WITH CAP  
STA. 59+64.93, 3.12' RT  
N: 777913.23 E: 2351845.63

TBM "L" CHISLED X ON F. HYDRANT BOLT BETWEEN  
THE "E" AND "L" IN "MUELLER" NEAR HOUSE 211  
STA 59+15.80, 2.34' LT  
ELEV = 563.58

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

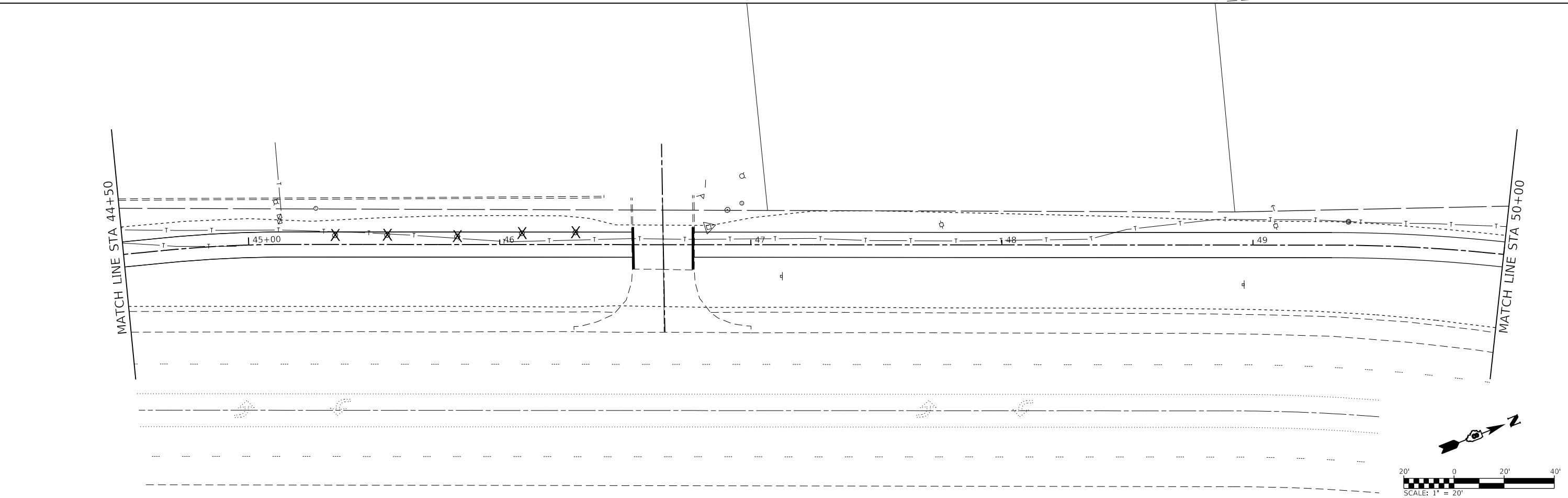
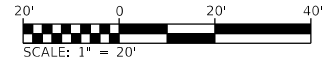
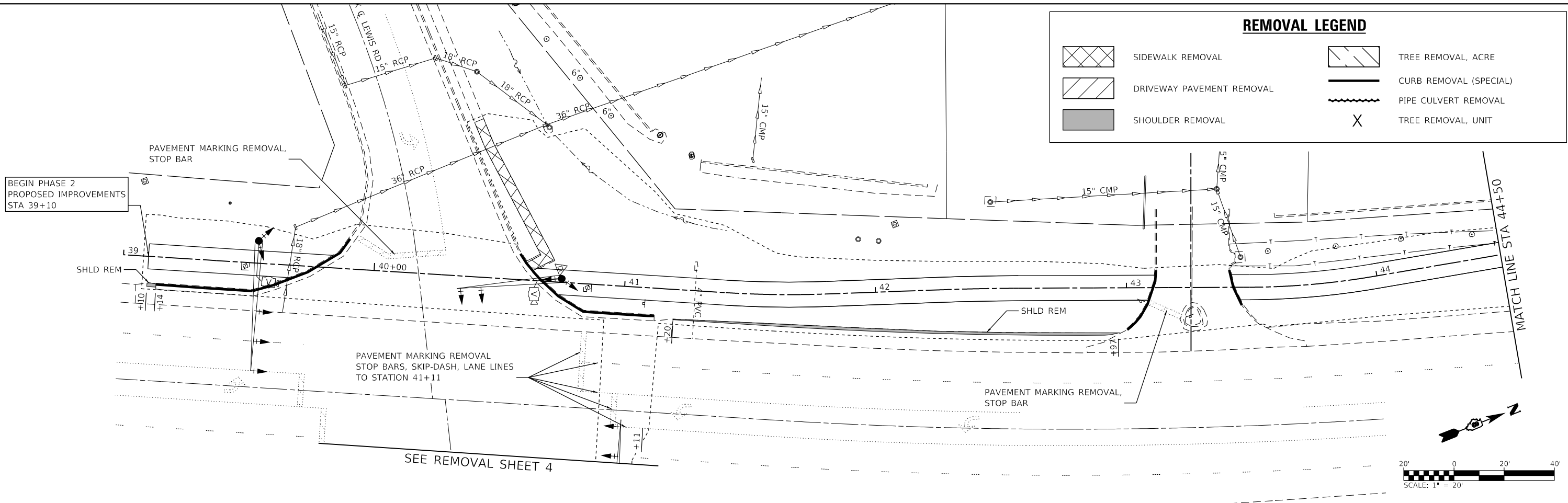
MODEL: D818087-shh-qhnp15  
FILE NAME: H:\131\Shared Use Path\ph\_1\CADD\Microstation\CADD\_Sheets\0818087-shh-qhnp15-drainage.dgn

<p>ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115</p>	USER NAME = b.heil PLOT SCALE = 40,0000' / in. PLOT DATE = 6/8/2021	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PLAN &amp; PROFILE SHEETS</b>	SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. TO STA.	F.A.P. RTE. 592 SECTION 18-00111-01-BT COUNTY MADISON CONTRACT NO. 97762	TOTAL SHEETS 72 SHEET NO. 28
	ILLINOIS FED. AID PROJECT							



### REMOVAL LEGEND

<table border="0"> <tr> <td style="width: 20px; height: 15px; border: 1px solid black; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></td> <td>SIDEWALK REMOVAL</td> </tr> <tr> <td style="width: 20px; height: 15px; border: 1px solid black; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px);"></td> <td>DRIVEWAY PAVEMENT REMOVAL</td> </tr> <tr> <td style="width: 20px; height: 15px; background-color: gray;"></td> <td>SHOULDER REMOVAL</td> </tr> </table>		SIDEWALK REMOVAL		DRIVEWAY PAVEMENT REMOVAL		SHOULDER REMOVAL	<table border="0"> <tr> <td style="width: 20px; height: 15px; border: 1px solid black; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></td> <td>TREE REMOVAL, ACRE</td> </tr> <tr> <td style="width: 20px; height: 15px; border-bottom: 2px solid black;"></td> <td>CURB REMOVAL (SPECIAL)</td> </tr> <tr> <td style="width: 20px; height: 15px; border-bottom: 2px dashed black;"></td> <td>PIPE CULVERT REMOVAL</td> </tr> <tr> <td style="width: 20px; height: 15px; text-align: center; font-size: 24px;">X</td> <td>TREE REMOVAL, UNIT</td> </tr> </table>		TREE REMOVAL, ACRE		CURB REMOVAL (SPECIAL)		PIPE CULVERT REMOVAL	X	TREE REMOVAL, UNIT
	SIDEWALK REMOVAL														
	DRIVEWAY PAVEMENT REMOVAL														
	SHOULDER REMOVAL														
	TREE REMOVAL, ACRE														
	CURB REMOVAL (SPECIAL)														
	PIPE CULVERT REMOVAL														
X	TREE REMOVAL, UNIT														



MODEL: D:\1807-2\chgs\chgs1  
 FILE NAME: 1807-2-11-157\_Shared\_Usr\_Path\p\_1\CADD\Microstation\CADD\_Sheets\1807-2\chgs\chgs.dgn



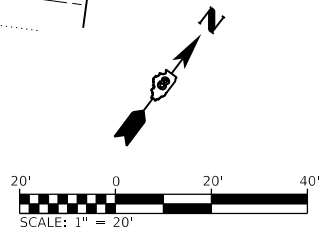
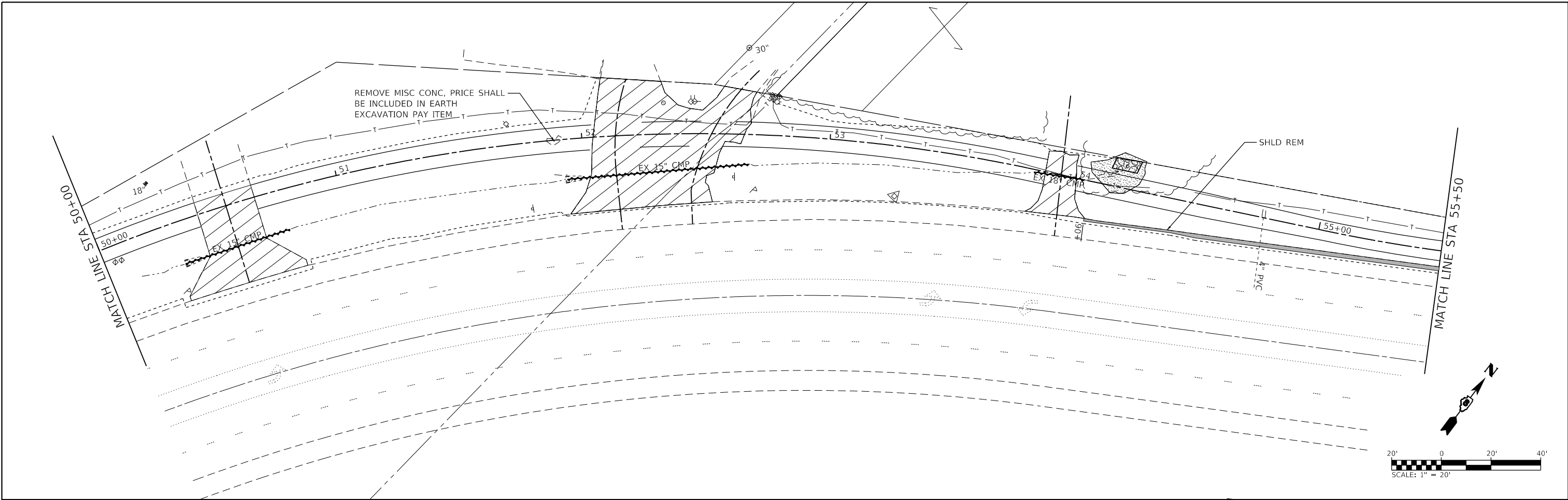
USER NAME = b.heil	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/8/2021	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN SHEETS**

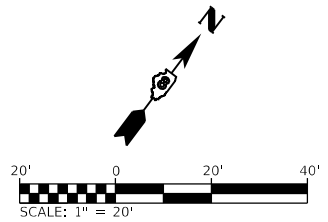
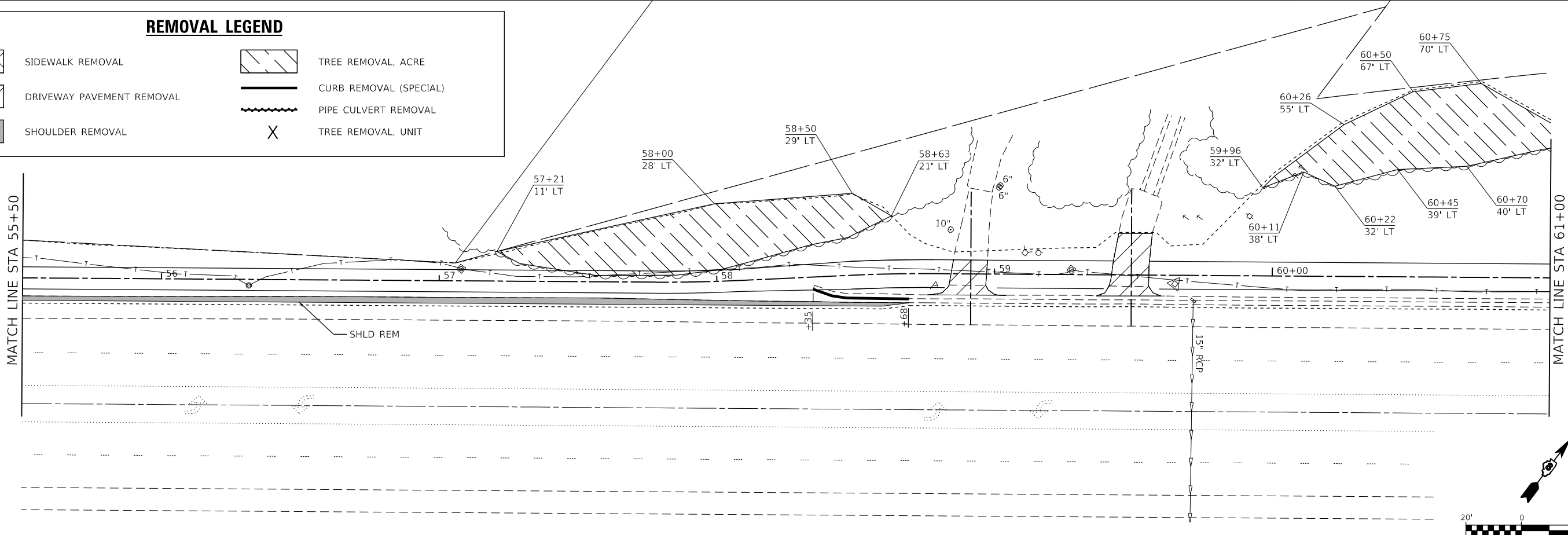
SCALE: 1"=20'    SHEET 1 OF 4 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	30
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				



**REMOVAL LEGEND**

	SIDEWALK REMOVAL		TREE REMOVAL, ACRE
	DRIVEWAY PAVEMENT REMOVAL		CURB REMOVAL (SPECIAL)
	SHOULDER REMOVAL		PIPE CULVERT REMOVAL
			TREE REMOVAL, UNIT



MODEL: D:\18077-1\18077-1.dwg  
 FILE NAME: 18077-1.dwg  
 I:\CADD\Microstation\CADD\_Sheets\18077-1.dwg



USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/8/2021	CHECKED -	REVISED -
	DATE -	REVISED -

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN SHEETS**

SCALE: 1" = 20'    SHEET 2 OF 4 SHEETS    STA.    TO STA.

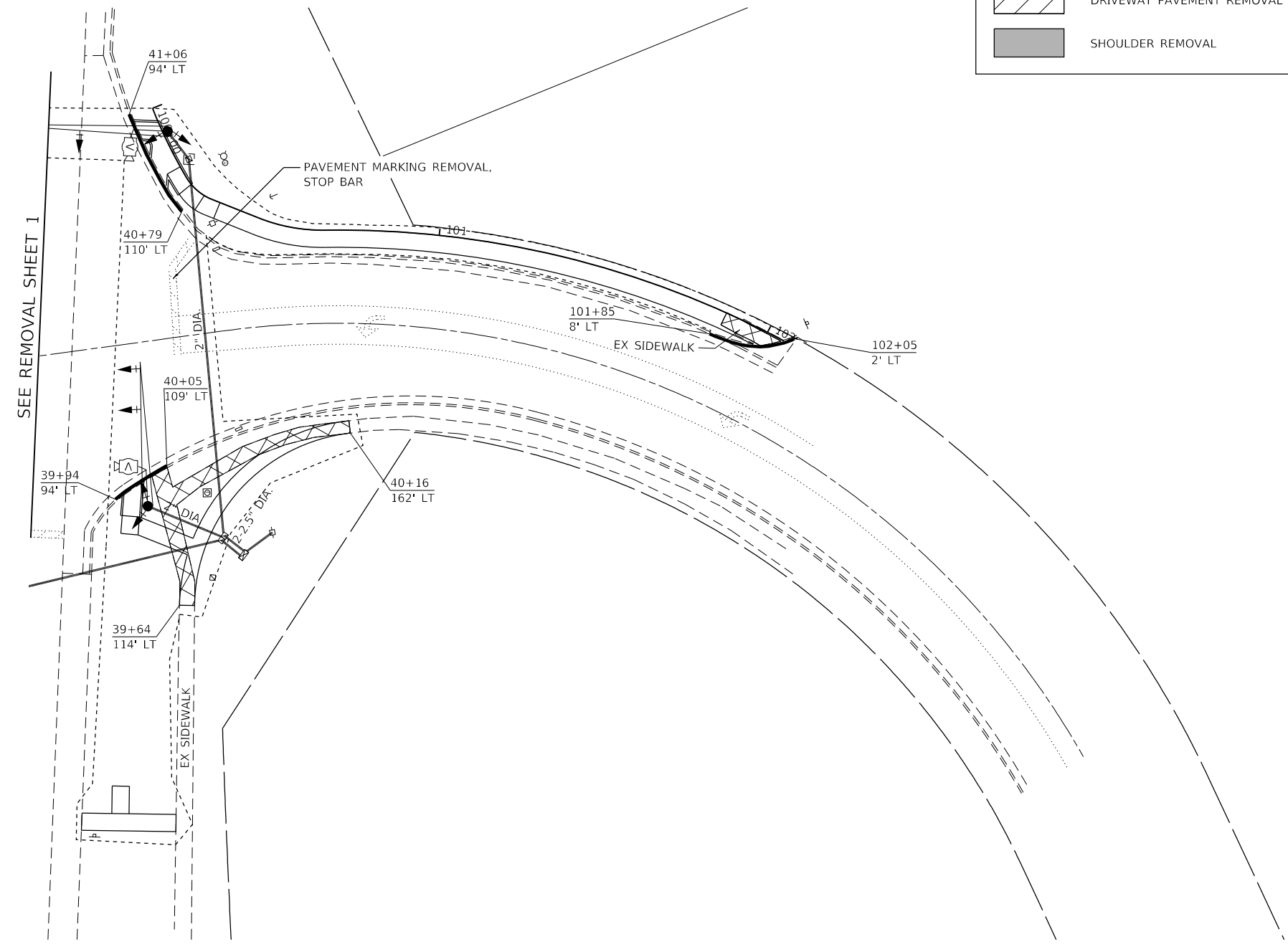
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	31
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				



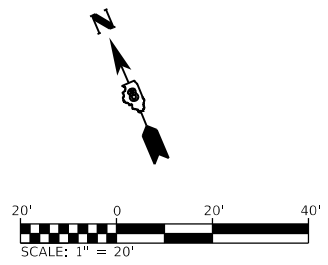


### REMOVAL LEGEND

<table border="0"> <tr> <td style="width: 30px; height: 15px; border: 1px solid black; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></td> <td>SIDEWALK REMOVAL</td> </tr> <tr> <td style="width: 30px; height: 15px; border: 1px solid black; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px);"></td> <td>DRIVEWAY PAVEMENT REMOVAL</td> </tr> <tr> <td style="width: 30px; height: 15px; background-color: gray;"></td> <td>SHOULDER REMOVAL</td> </tr> </table>		SIDEWALK REMOVAL		DRIVEWAY PAVEMENT REMOVAL		SHOULDER REMOVAL	<table border="0"> <tr> <td style="width: 30px; height: 15px; border: 1px solid black; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></td> <td>TREE REMOVAL, ACRE</td> </tr> <tr> <td style="width: 30px; height: 15px; border-bottom: 2px solid black;"></td> <td>CURB REMOVAL (SPECIAL)</td> </tr> <tr> <td style="width: 30px; height: 15px; border-bottom: 2px dashed black;"></td> <td>PIPE CULVERT REMOVAL</td> </tr> <tr> <td style="width: 30px; height: 15px; text-align: center; vertical-align: middle;">X</td> <td>TREE REMOVAL, UNIT</td> </tr> </table>		TREE REMOVAL, ACRE		CURB REMOVAL (SPECIAL)		PIPE CULVERT REMOVAL	X	TREE REMOVAL, UNIT
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	SHOULDER REMOVAL														
	TREE REMOVAL, ACRE														
	CURB REMOVAL (SPECIAL)														
	PIPE CULVERT REMOVAL														
X	TREE REMOVAL, UNIT														



SEE REMOVAL SHEET 1



MODEL: D:\18087-ht-ghl\1.dwg  
FILE NAME: I:\18087 - IL 157 Shared Use Path\rh\_1\CADD\Microstation\CADD\_Sheets\18087-ht-rem.dgn



USER NAME = b,heil	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/8/2021	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

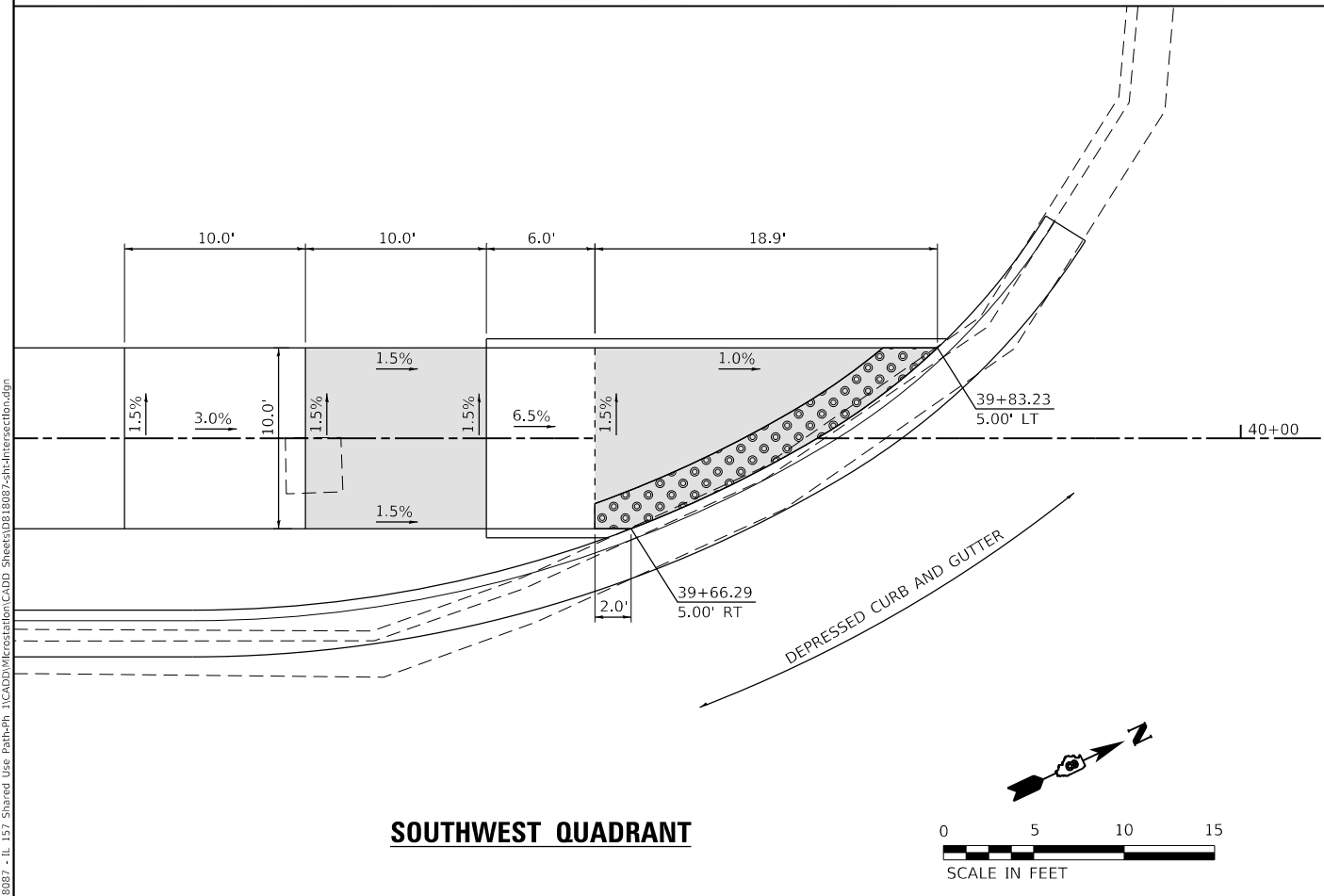
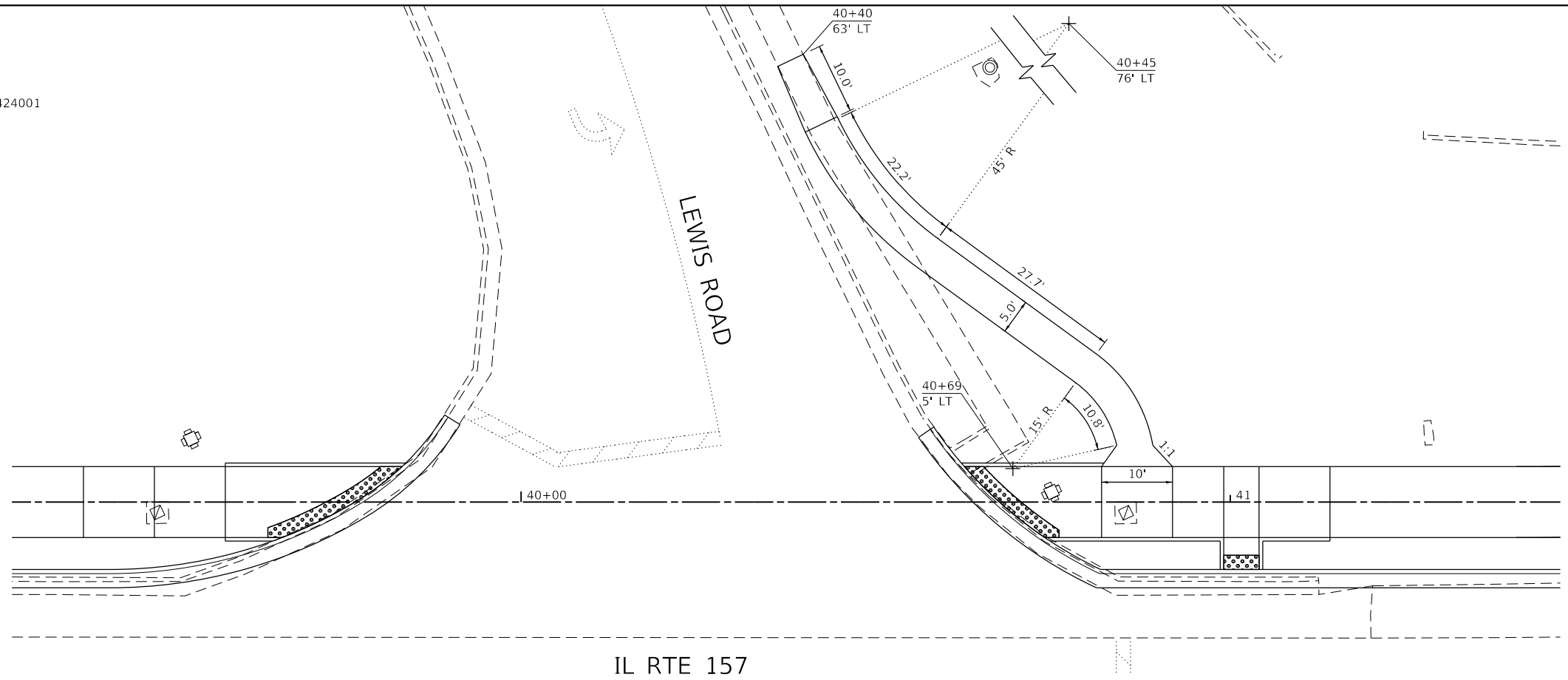
**REMOVAL PLAN SHEETS**

SCALE: 1" = 20'    SHEET 4    OF 4    SHEETS    STA.    TO STA.

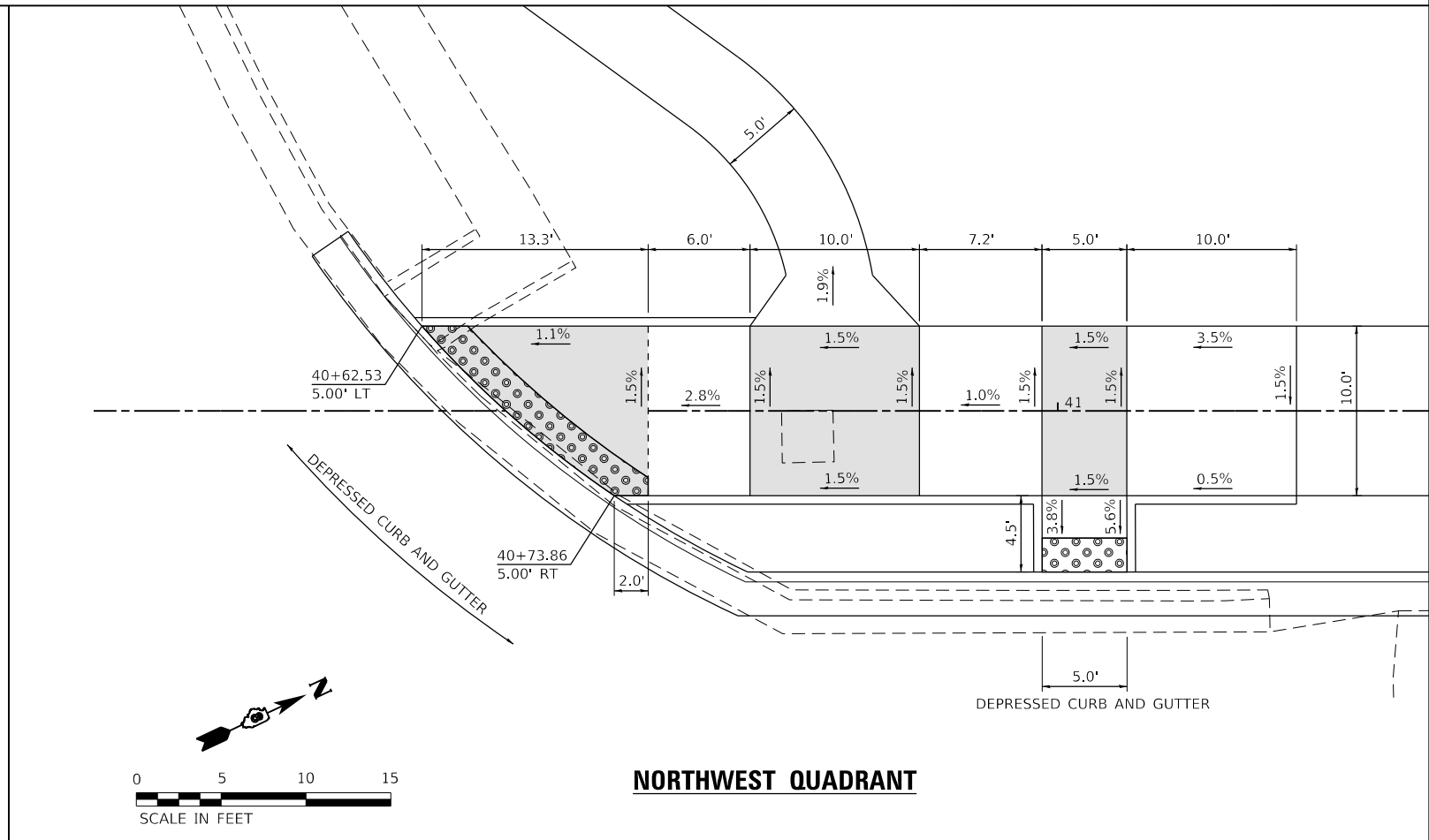
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	33
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				

**NOTES**

- UTILIZE THIS DETAIL AND HIGHWAY STANDARD 424001 TO CONSTRUCT THE CURB RAMPS.



**SOUTHWEST QUADRANT**



**NORTHWEST QUADRANT**

MODEL: SUT\_1  
 FILE NAME: I:\R18087 - IL 157 Shared Use Path\Rh\_1\CADD\Microstation\CADD\_Sheets\0818087-zh-Intersection.dgn



USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/8/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

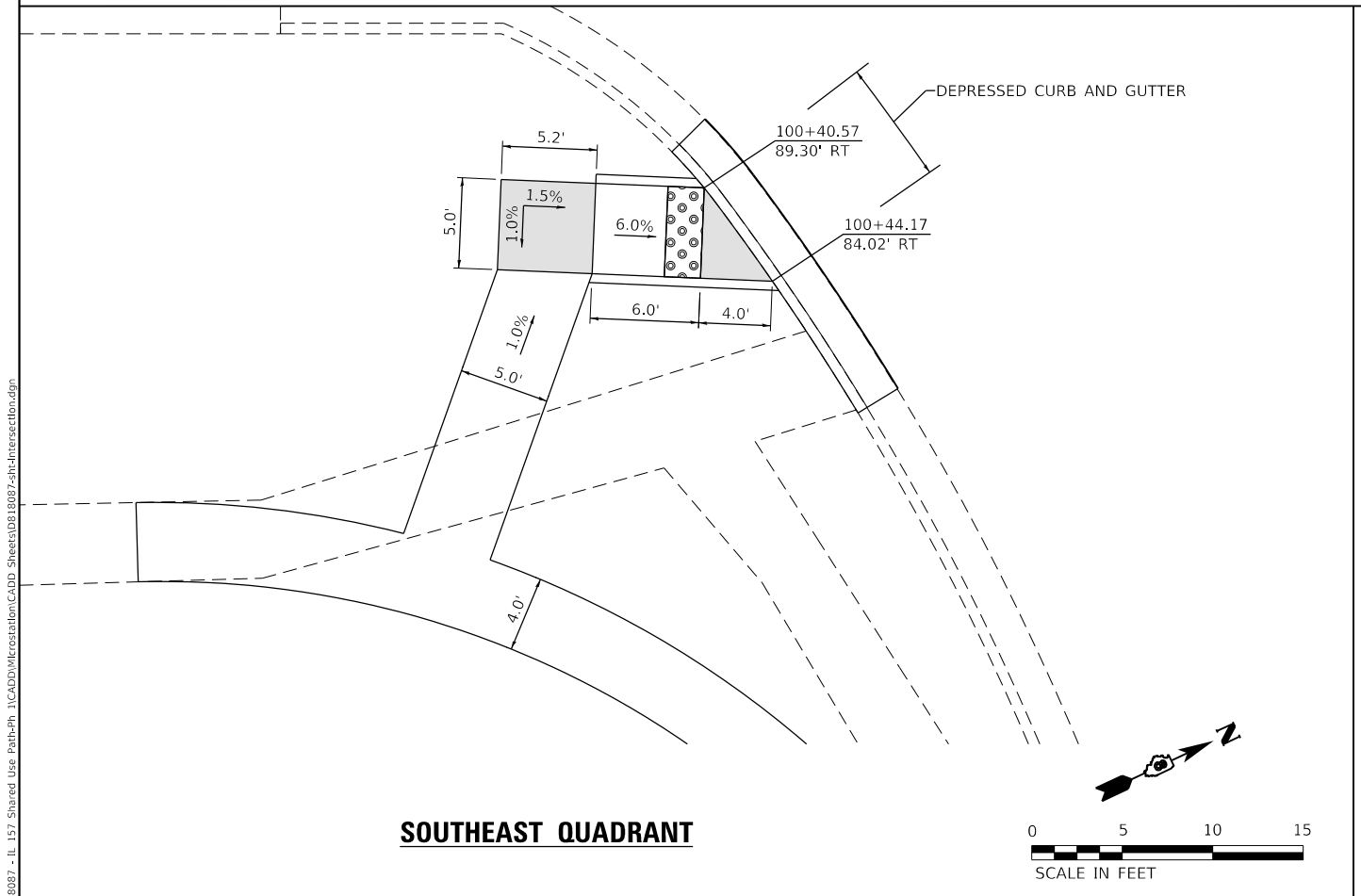
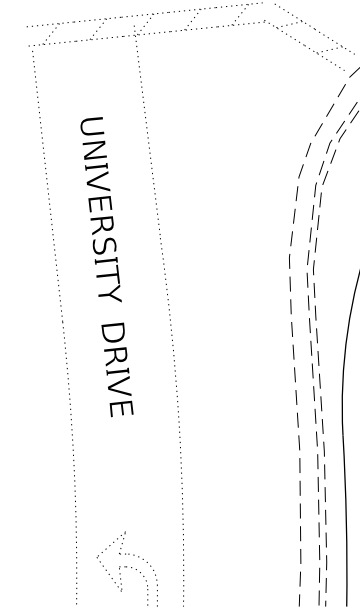
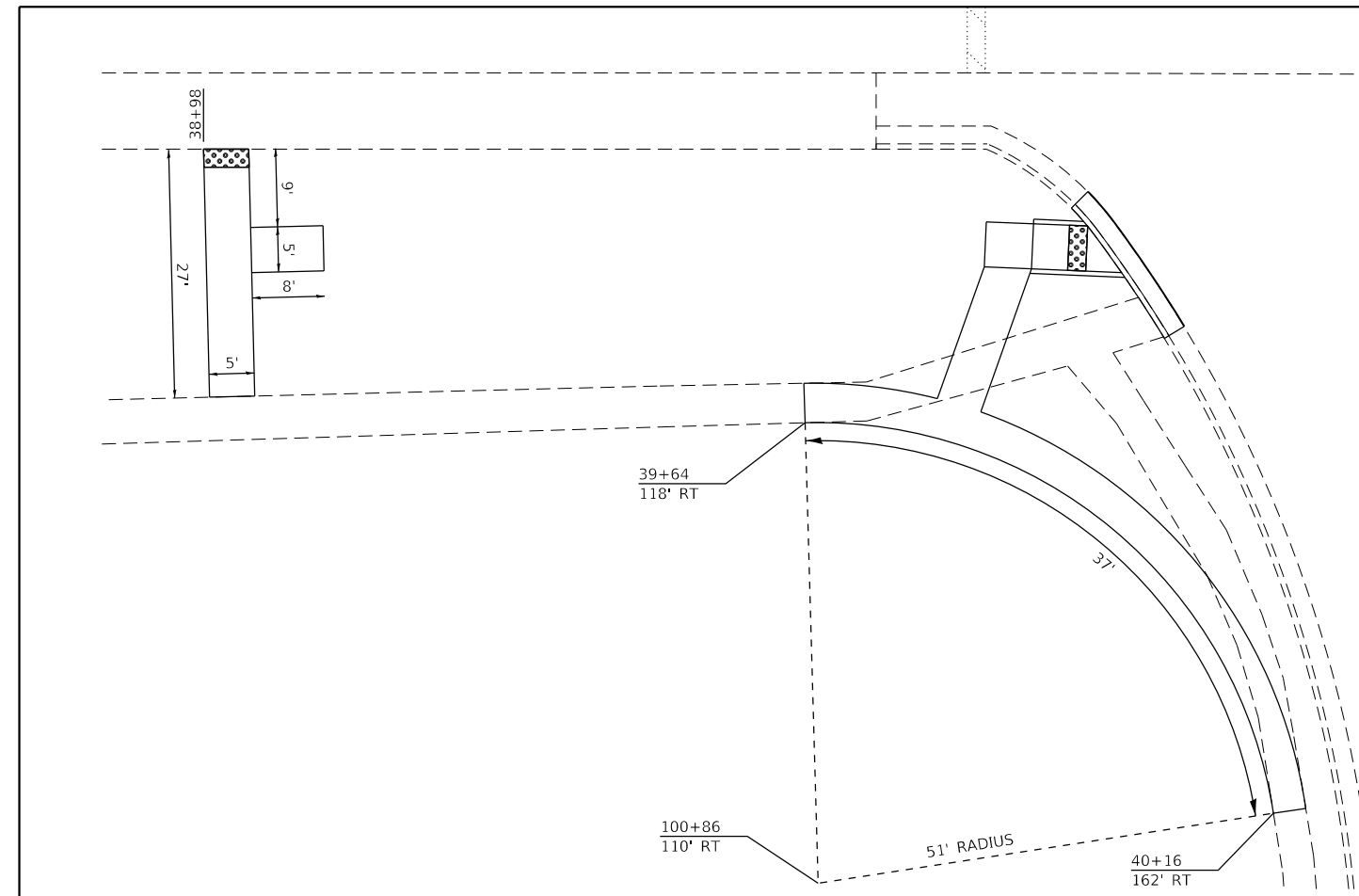
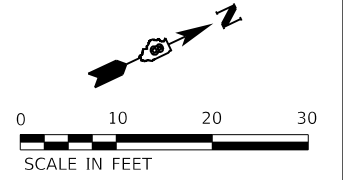
<b>INTERSECTION DETAILS IL RTE 157 &amp; LEWIS ROAD</b>			
SCALE: 1" = 5'	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	34
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				

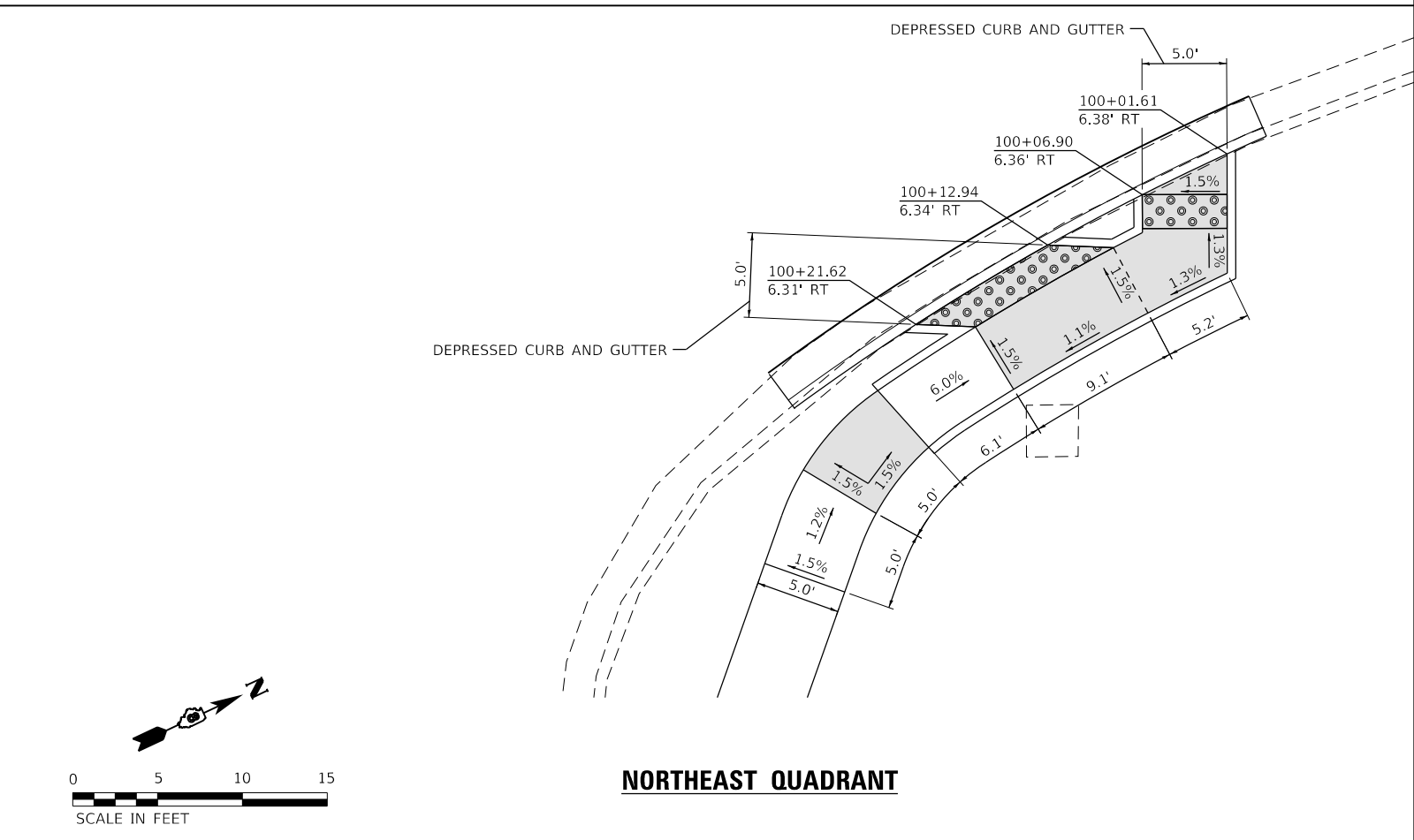
IL RTE 157

**NOTES**

1. UTILIZE THIS DETAIL AND HIGHWAY STANDARD 424001 TO CONSTRUCT THE CURB RAMP.



**SOUTHEAST QUADRANT**



**NORTHEAST QUADRANT**



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**INTERSECTION DETAILS**  
**IL RTE 157 & UNIVERSITY DRIVE**

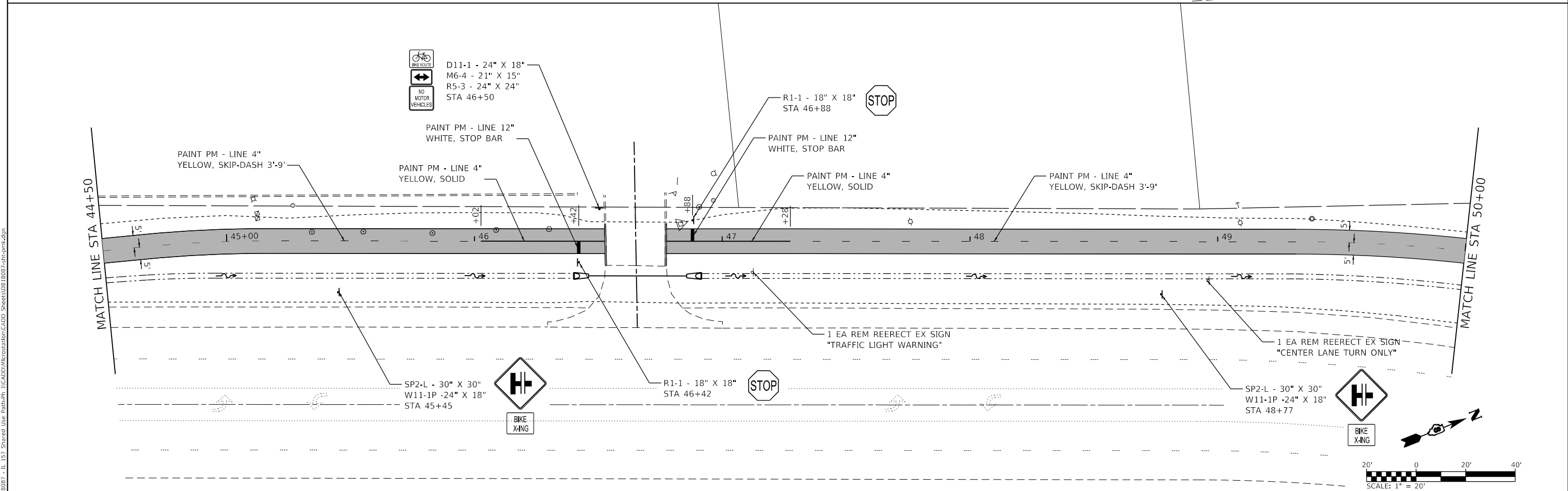
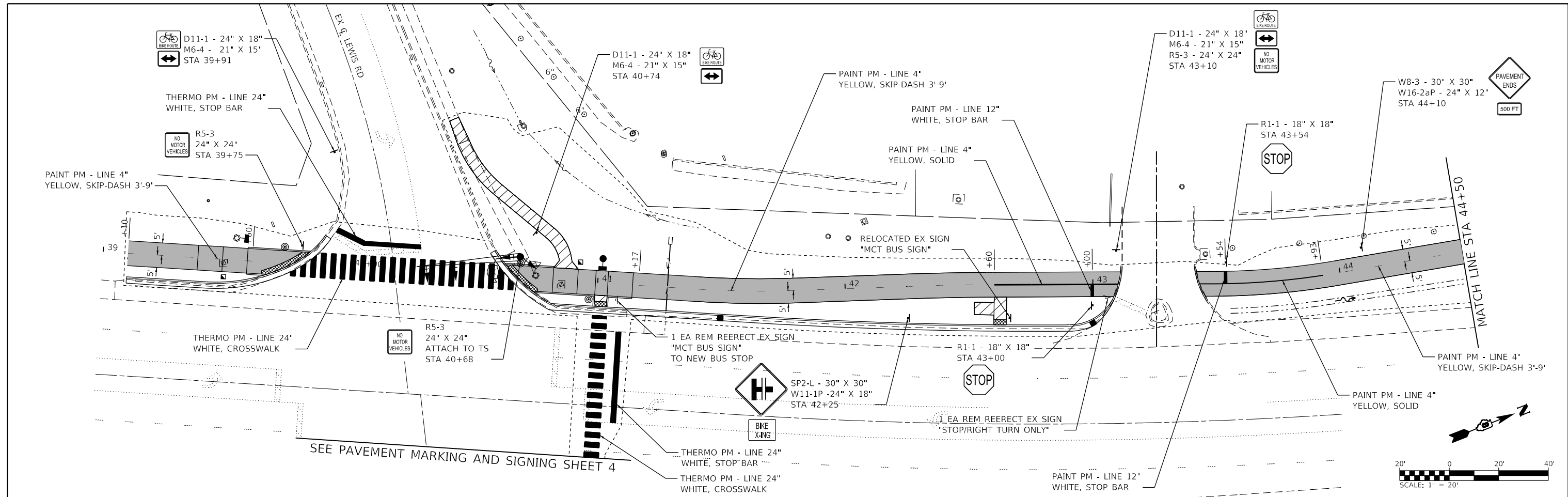
SCALE: 1" = 5'    SHEET 2 OF 2 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	35
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97762	

MODEL: SUT 2  
 FILE NAME: IL RTE 157 - IL 157 Shared Use Path.rvt  
 I:\CADD\Microstation\CADD\_Sheets\1818087-2h-Intersection.dgn  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

**OATES ASSOCIATES**  
www.oatesassociates.com

USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 "/in.	DRAWN -	REVISED -
PLOT DATE = 6/8/2021	CHECKED -	REVISED -
	DATE -	REVISED -



MODEL: D:\18097-4h\p1.dgn  
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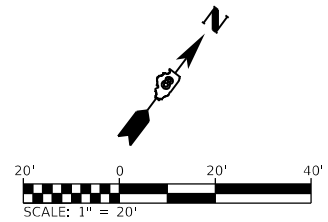
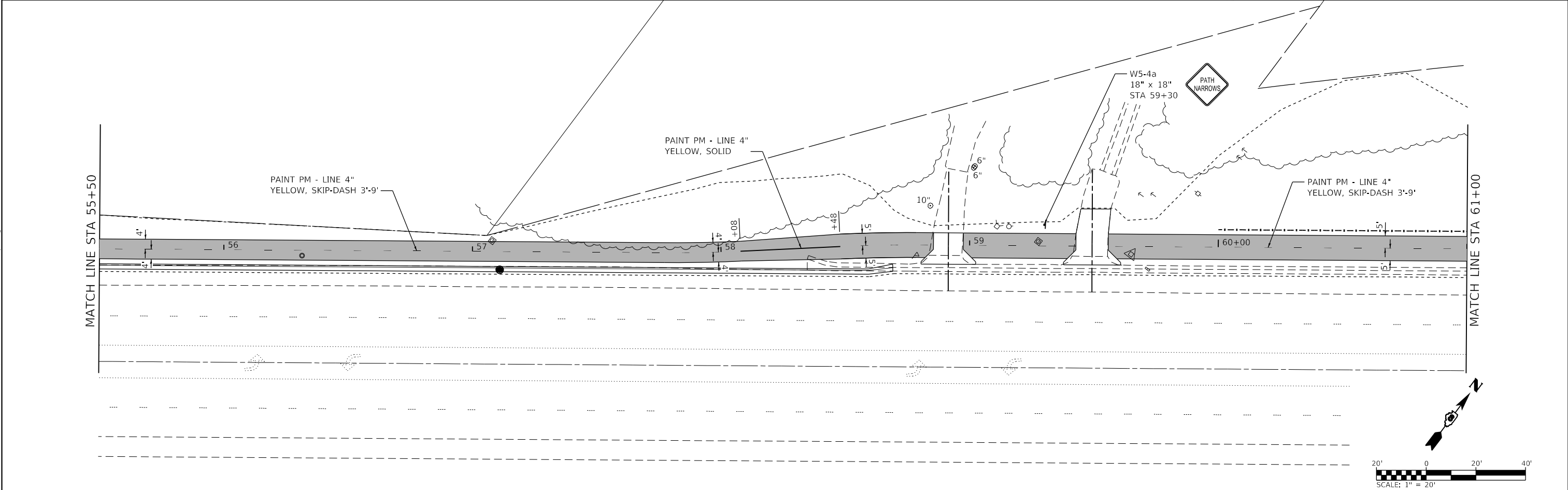
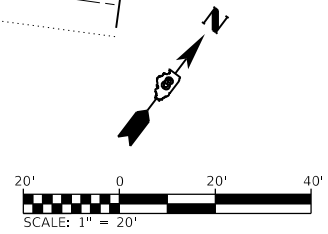
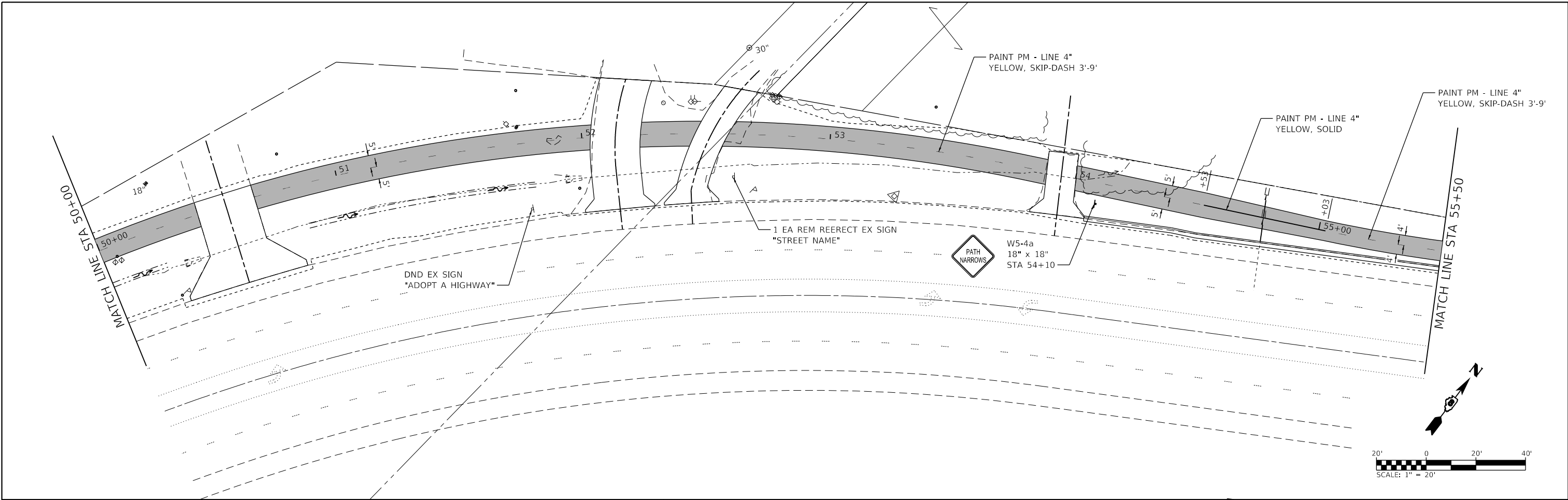


USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/8/2021	CHECKED -	REVISED -
	DATE -	REVISED -

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

**PAVEMENT MARKING AND SIGNING SHEETS**  
 SCALE: 1" = 20'    SHEET 1 OF 4 SHEETS    STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	36
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				



MODEL: D:\18097-1\hghdr2  
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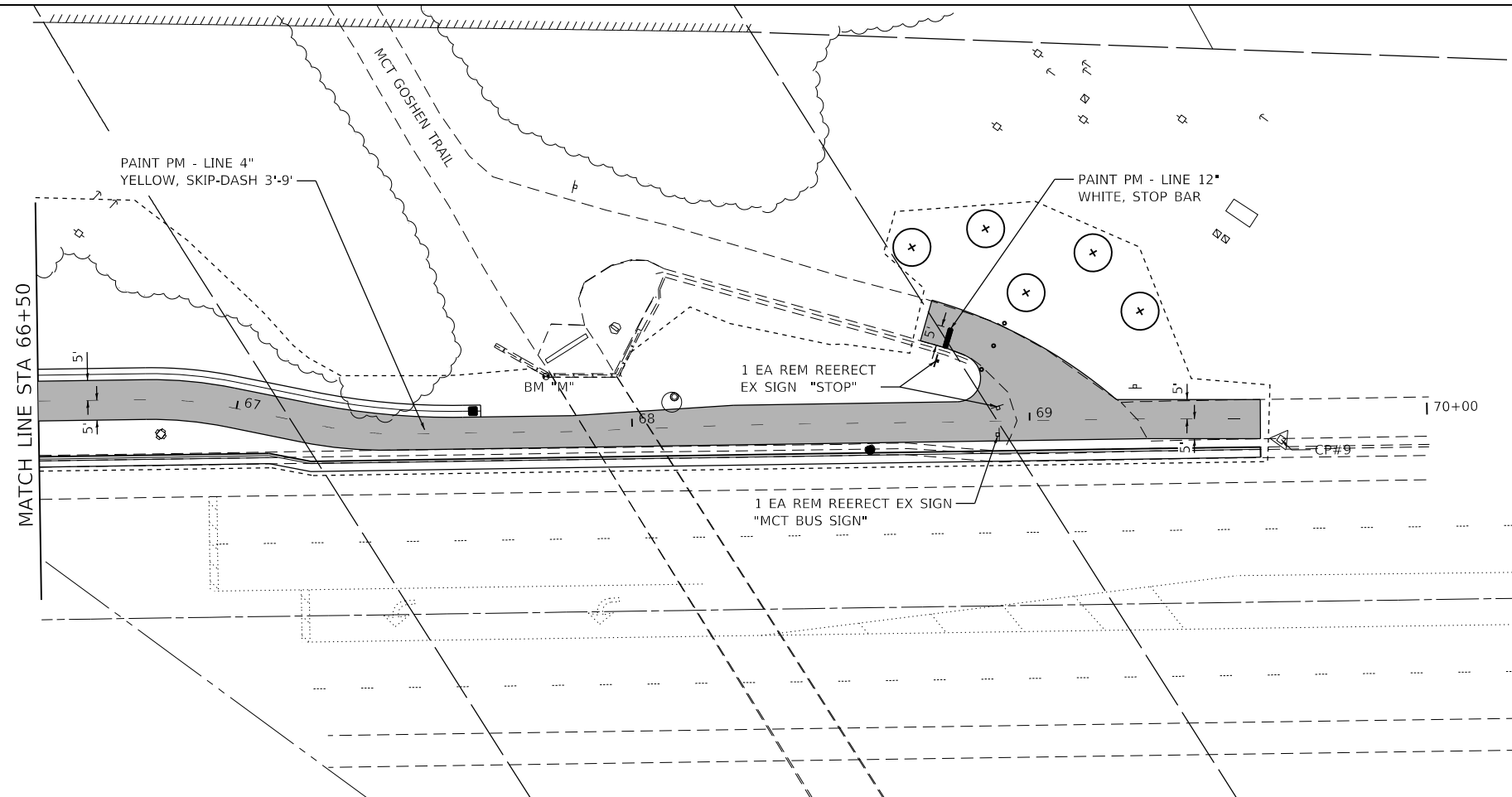
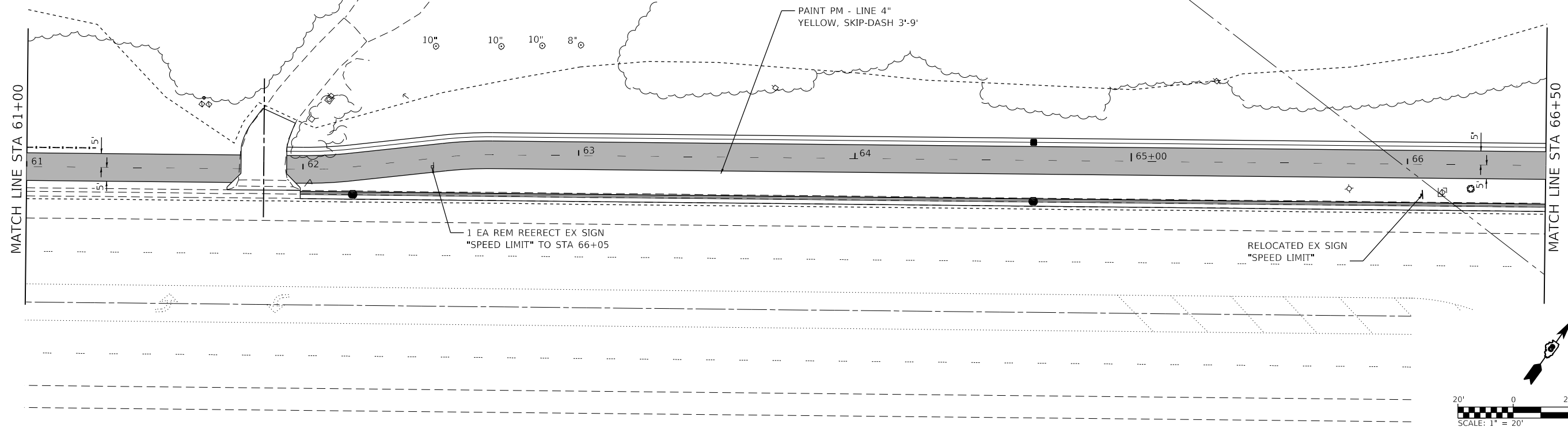
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/8/2021	CHECKED -	REVISED -
	DATE -	REVISED -

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

**PAVEMENT MARKING AND SIGNING SHEETS**

SCALE: 1"=20'    SHEET 2    OF 4    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	37
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				



MODEL: D:\1807-2\1807-2.dwg  
 FILE NAME: 1807-2.dwg  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



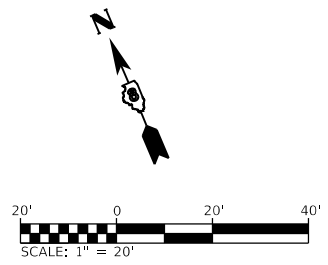
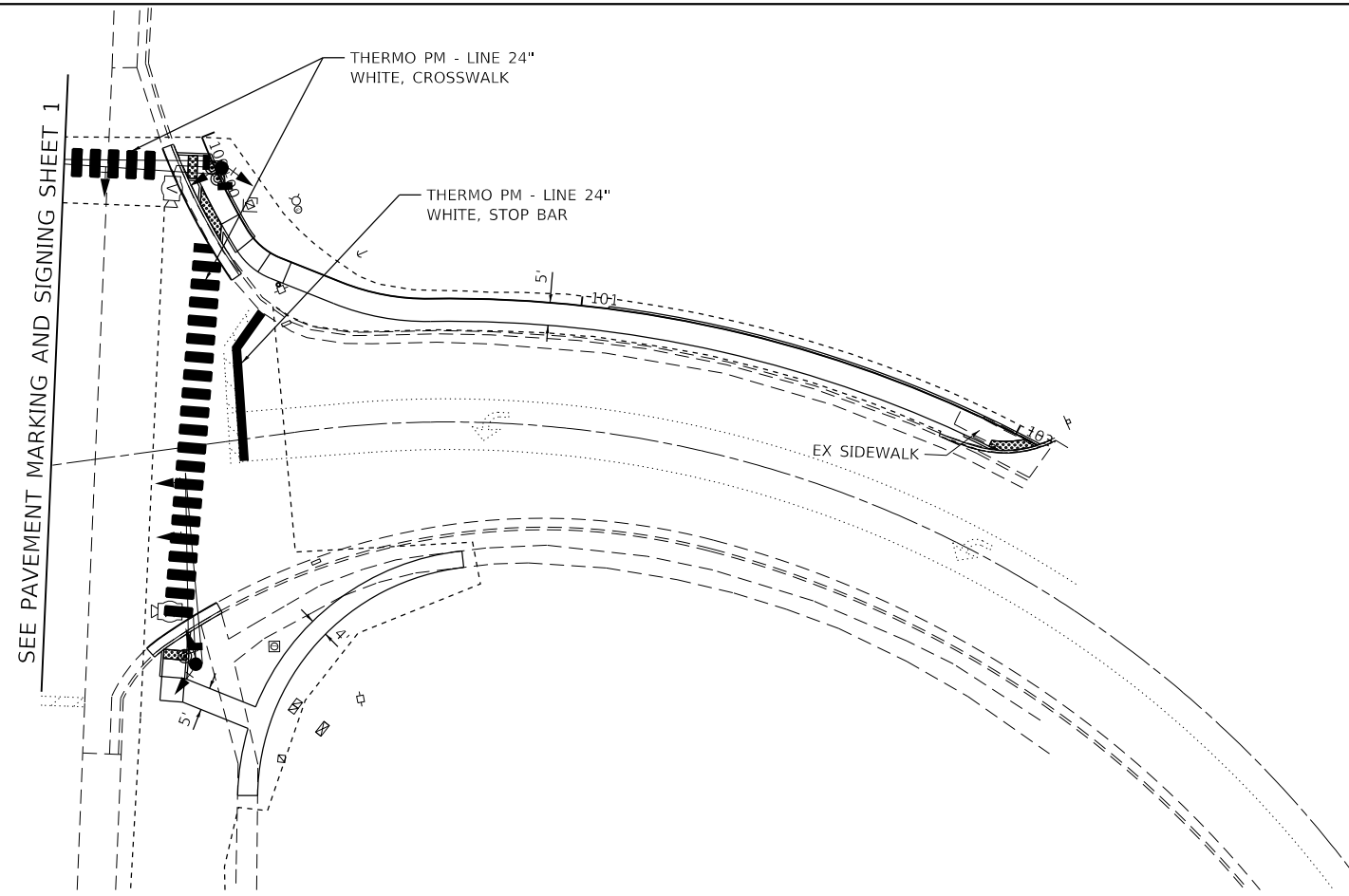
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PLOT DATE = 6/10/2021	CHECKED -	REVISED -
	DATE -	REVISED -

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

**PAVEMENT MARKING AND SIGNING SHEETS**

SCALE: 1" = 20'    SHEET 3    OF 4    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	38
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				



MODEL: D:\18087-2ht-plant4  
 FILE NAME: I:\18087 - IL 157 Shared Use Path.rvt\_1\CADD\Microstation\CADD\_Sheets\18087-2ht-comp.dgn



USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

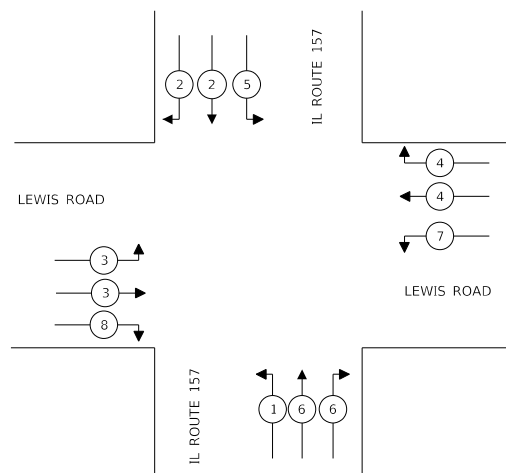
**PAVEMENT MARKING AND SIGNING SHEETS**

SCALE: 1" = 20'    SHEET 4    OF 4    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	39
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				

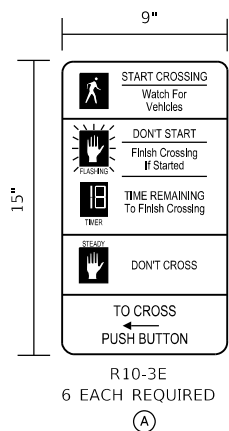






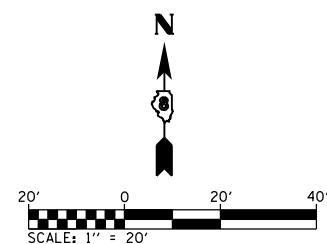
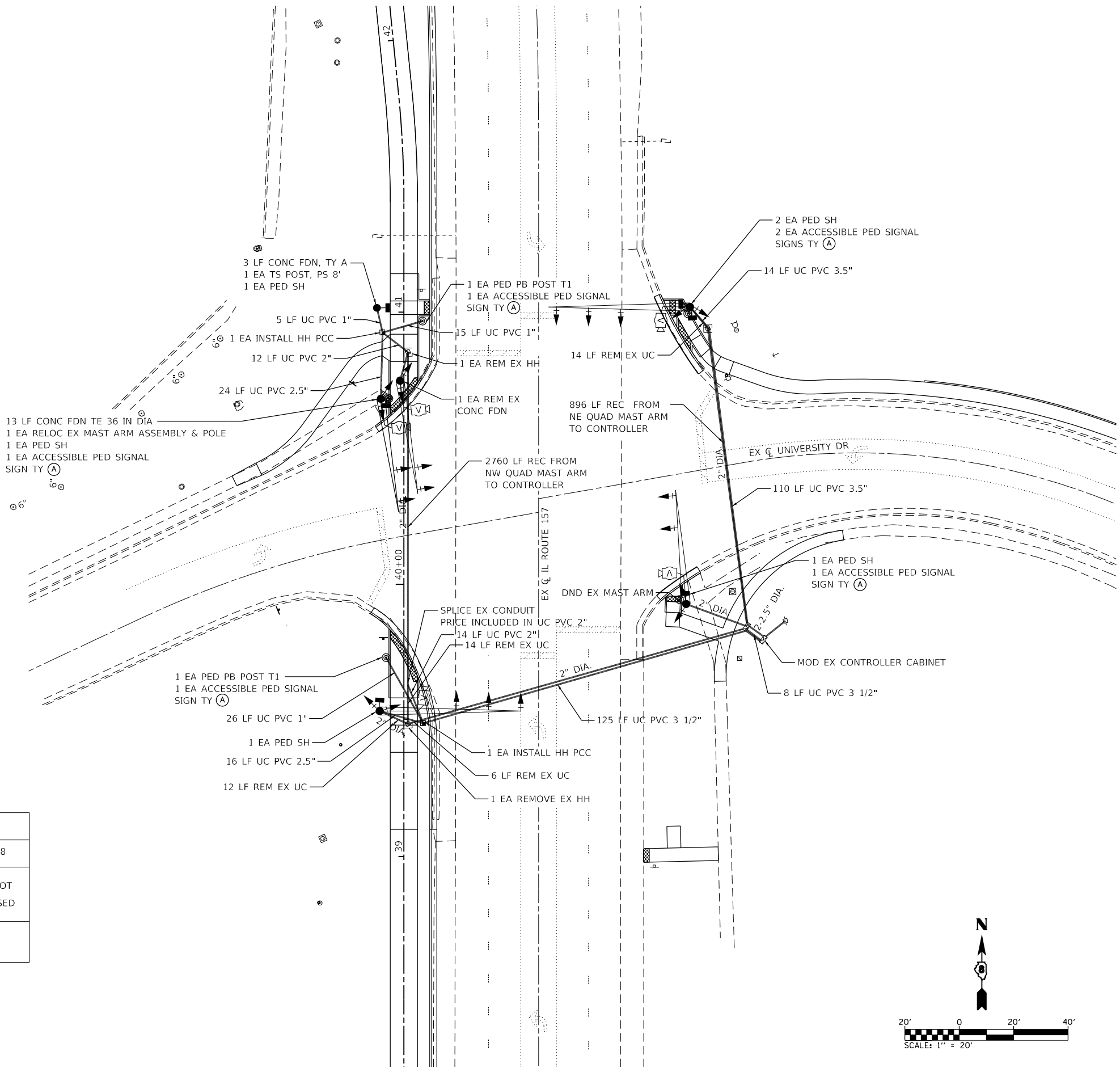
**PHASE DESIGNATION DIAGRAM**

- LEGEND
- (X) VEHICULAR PHASE NUMBER, X
  - (PX) PEDESTRIAN PHASE NUMBER, X



**EXISTING SEQUENCE OF OPERATIONS**

EXISTING FULL-ACTUATED CONTROLLER AND TYPE IV CABINET								
PHASE }	1	2	3	4	5	6	7	8
MOVEMENT					NOT USED	NOT USED	NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2		



MODEL: Default; FILE NAME: I:\157\_Shared\_Usr\_Path\ph\_1\CADD\Microstation\CADD\_Sheets\18007-2h-TrafficSignal.dgn



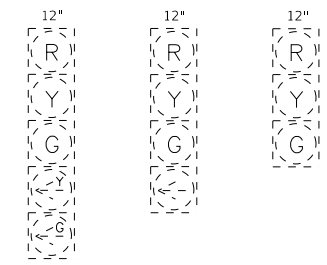
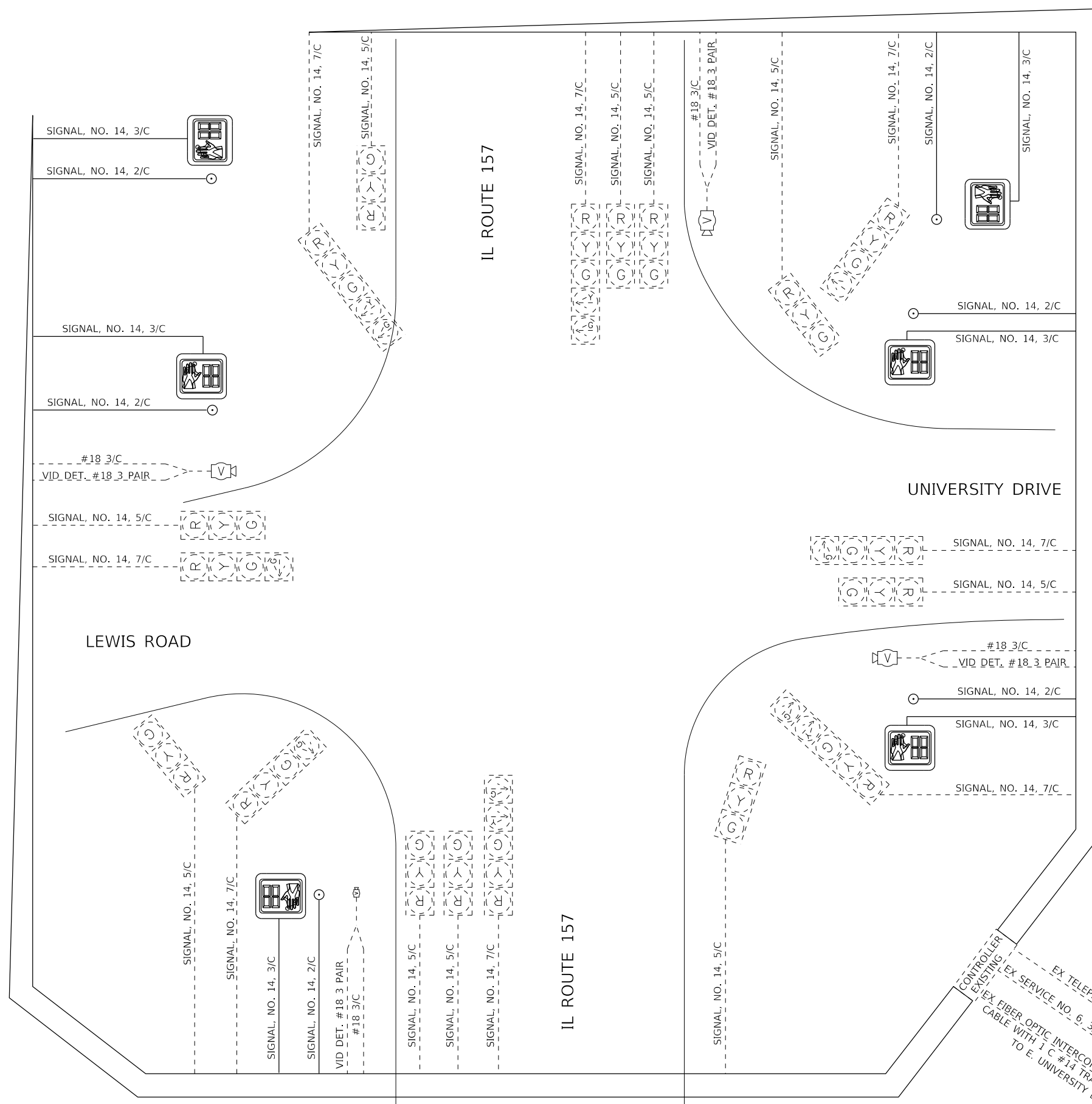
USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/8/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL SHEETS**

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	41
LEWIS ROAD INTERSECTION			CONTRACT NO. 97762	
ILLINOIS FED. AID PROJECT				



**EXISTING TRAFFIC SIGNAL FACES**



**PROPOSED TRAFFIC SIGNAL FACES**

**CABLE DIAGRAM LEGEND**

- PROPOSED ELECTRIC CABLE IN CONDUIT
- PROPOSED PEDESTRIAN PUSH BUTTON
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- NO. 6 INDICATES AMERICAN WIRE (AWG) SIZE 6
- \*6 LOOP DETECTOR NUMBER
- - - - EXISTING ELECTRIC CABLE IN CONDUIT
- EXISTING PEDESTRIAN PUSH BUTTON
- - - - EXISTING SERVICE INSTALLATION



MODEL: Default  
 FILE NAME: I:\157\_Shared\_Usr\_Path\p1h\_11CAD\MicroStation\CADD\_Sheets\18007-2h-TrafficSignal.dgn  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



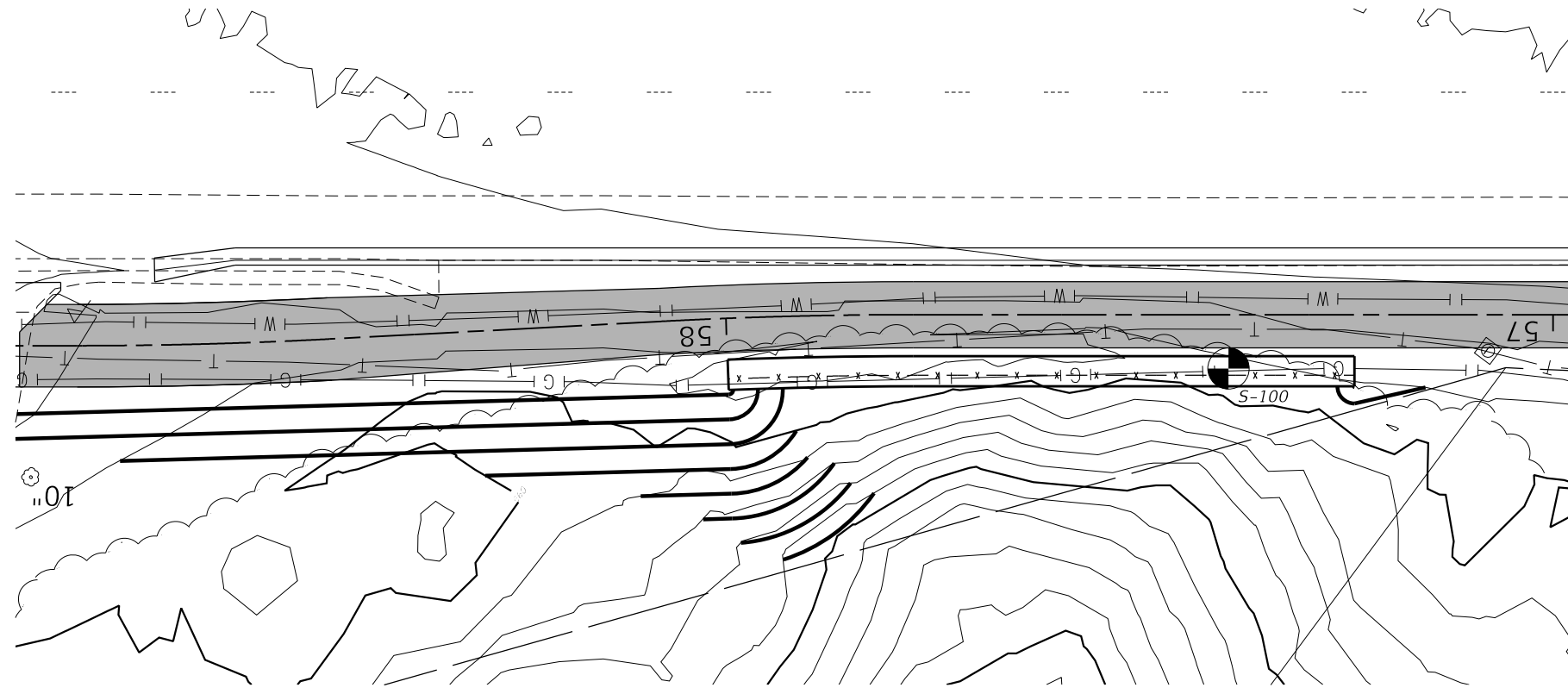
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PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/8/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

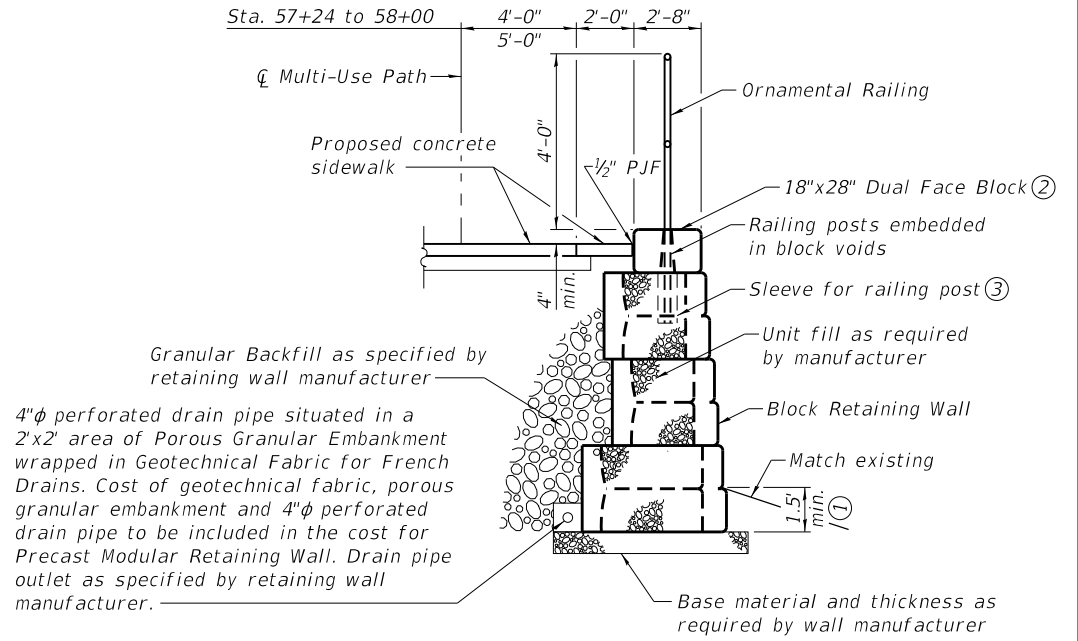
**TRAFFIC SIGNAL SHEETS**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	42
LEWIS ROAD INTERSECTION			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



**PLAN VIEW**  
(Not to scale)

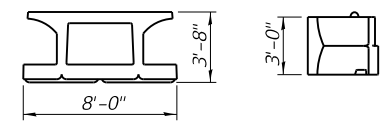


**PRECAST MODULAR RETAINING WALL CROSS SECTION**  
(Not to scale)

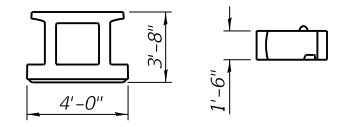
- Notes:
- ① Dimension shall be increased if required by retaining wall manufacturer.
  - ② Multiple courses of the 18"x28" dual face blocks may be required to maintain 2'-0" clearance from edge of multi-use path and back face of block.
  - ③ Included in the cost for Ornamental Railing.
  - ④ Elevation shall be modified as required by retaining wall manufacturer.

Standard square footage of block = 24 SF min.  
Standard block weight = 6,000 lbs min.  
Actual dimensions & measurements may vary depending on block manufacturer, but the block shall meet these minimum requirements for a standard block.

Standard square footage of block = 6 SF min.  
Standard block weight = 1,500 lbs min.  
Actual dimensions & measurements may vary depending on block manufacturer, but the block shall meet these minimum requirements for a standard block.

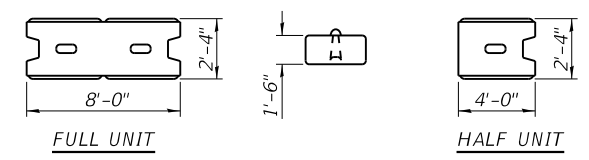


**24 SF BLOCK DETAIL**  
(Not to scale)

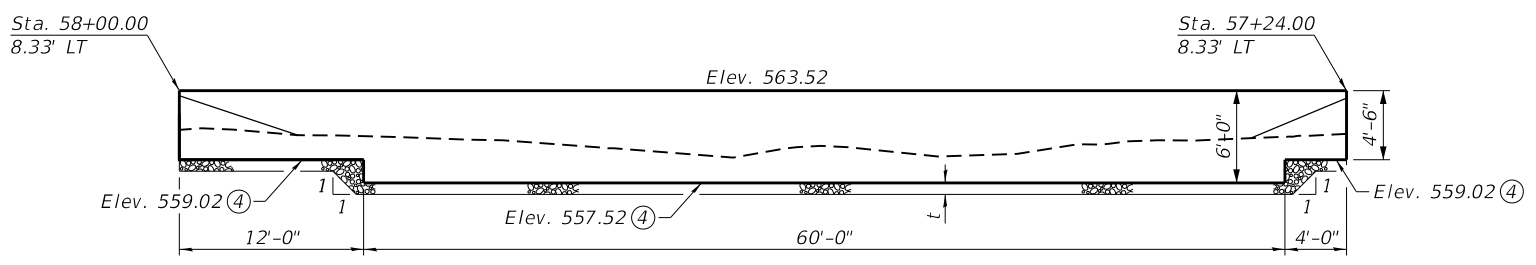


**6 SF BLOCK DETAIL**  
(Not to scale)

Standard full unit block weight = 3,520 lbs min.  
Standard half unit block weight = 1,760 lbs min.  
Actual dimensions & measurements may vary depending on block manufacturer, but the block shall meet these minimum requirements for a standard block.



**DUAL FACE BLOCK DETAIL**  
(Not to scale)



**ELEVATION VIEW - STA. 57+24 TO STA. 58+00**  
(Showing exposed face of wall)  
(Not to scale)

t = base thickness per manufacturer's specifications

FILE NAME: H:\PI\18087 - IL 157 Shared Use Path-Ph 1\Bridgde\Final Plans\Microstation\18087- Ret Wall Details.dgn



USER NAME =	DESIGNED -	REVISED -
CHECKED -	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = 6/8/2021	CHECKED -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RETAINING WALL DETAILS**

SHEET 1 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	43
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				

DocuSign Envelope ID: E20DCB5C-9816-4901-8E10-EAC6349239F8



**BORING LOG**

PROJECT Route 157 Multi-Use Path  
 LOCATION Edwardsville, Illinois  
 DRILLER SCI Engineering, Inc. HAMMER N/A  
 EQUIPMENT Vertek S4 CPT w/DirectSampler ELEVATION 559±

BORING NUMBER S-100  
 SHEET 1 of 1  
 PROJECT NO. 2018-3199.10  
 DATE DRILLED 08/11/20

DEPTH (ft)	SAMPLE			DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS						ELEVATION (ft)
	NUMBER	TYPE	BLOWS RECOVERY (in/ft)				MOISTURE CONTENT (%)	DRY DENSITY (pcf)	WATER CONTENT (%)	PENETROMETER (ksf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	
1	DP			FILL: Brown, with gray, lean clay Trace fine gravel No gravel			15	6.5					558
3							16	8.0					555
4				Boring terminated at 4 feet.									555
6													552
9													549
12													546
15													543
18													540

**WATER LEVEL:**  
 X NONE OBSERVED WHILE DRILLING  
 ft WHILE DRILLING  
 ft HRS AFTER DRILLING  
 ft DAYS AFTER DRILLING

**REMARKS:**

FILE NAME: H:\PI\18087 - IL 157 Shared Use Path-Ph 1\Bridgde\Final Plans\Microstation\18087- Ret Wall Details.dgn



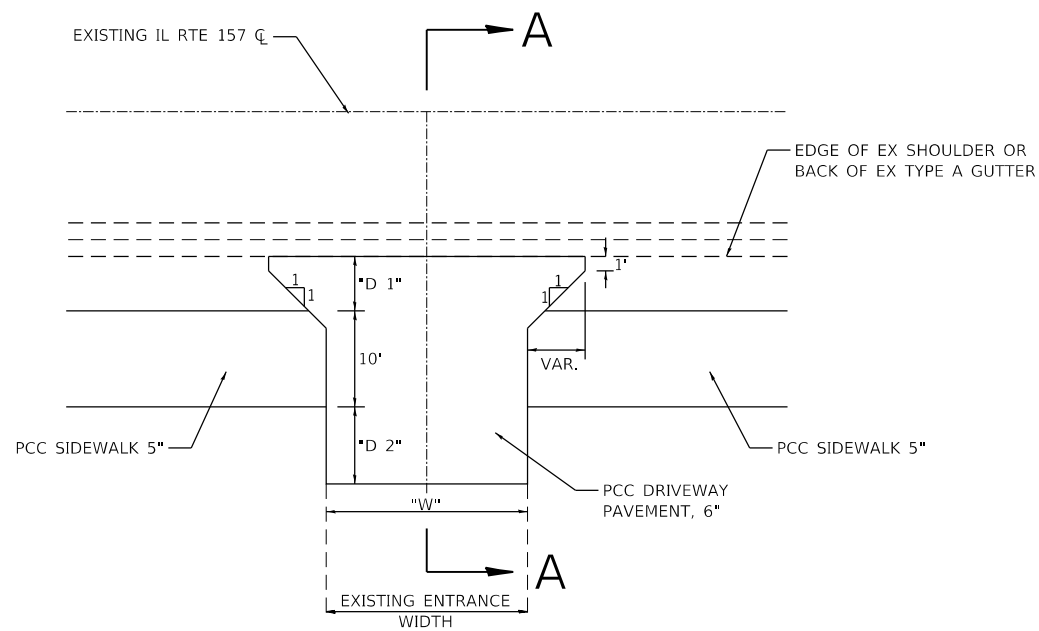
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	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = 6/8/2021	CHECKED -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

RETAINING WALL DETAILS

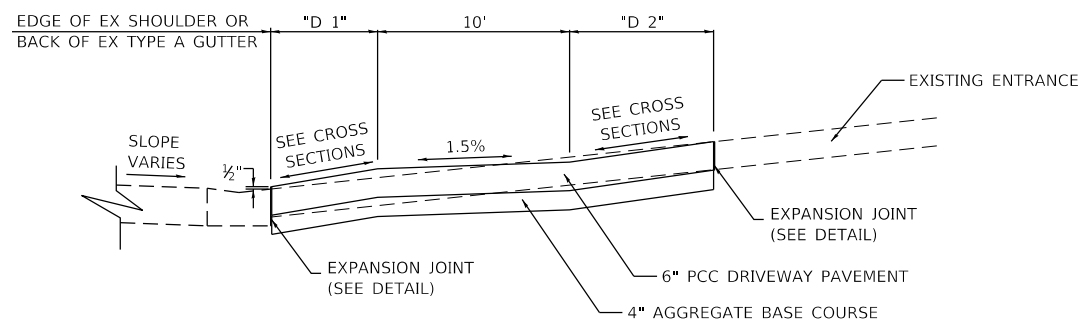
SHEET 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	44
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

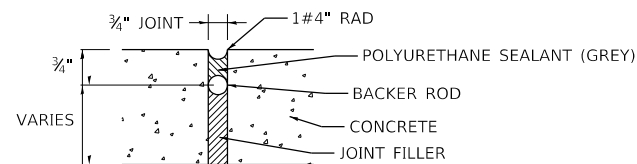


**PRIVATE ENTRANCE (P.E.)**  
(NOT TO SCALE)

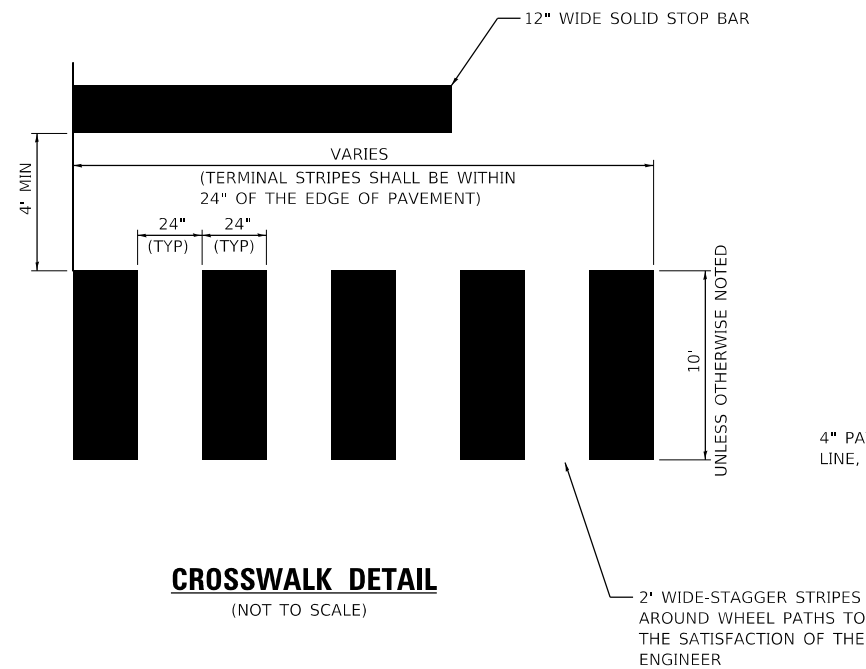
**NOTE:**  
SEE ENTRANCE SCHEDULE  
FOR DIMENSIONS  
"W", "D 1", AND "D 2"



**SECTION A-A**  
(NOT TO SCALE)

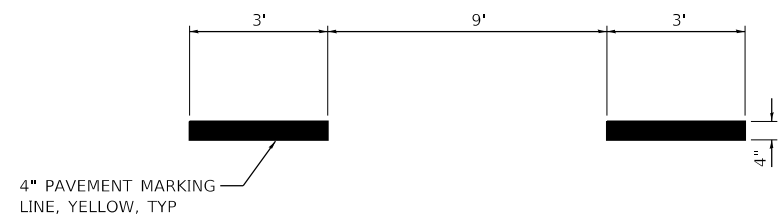


**EXPANSION JOINT DETAIL**  
(NOT TO SCALE)

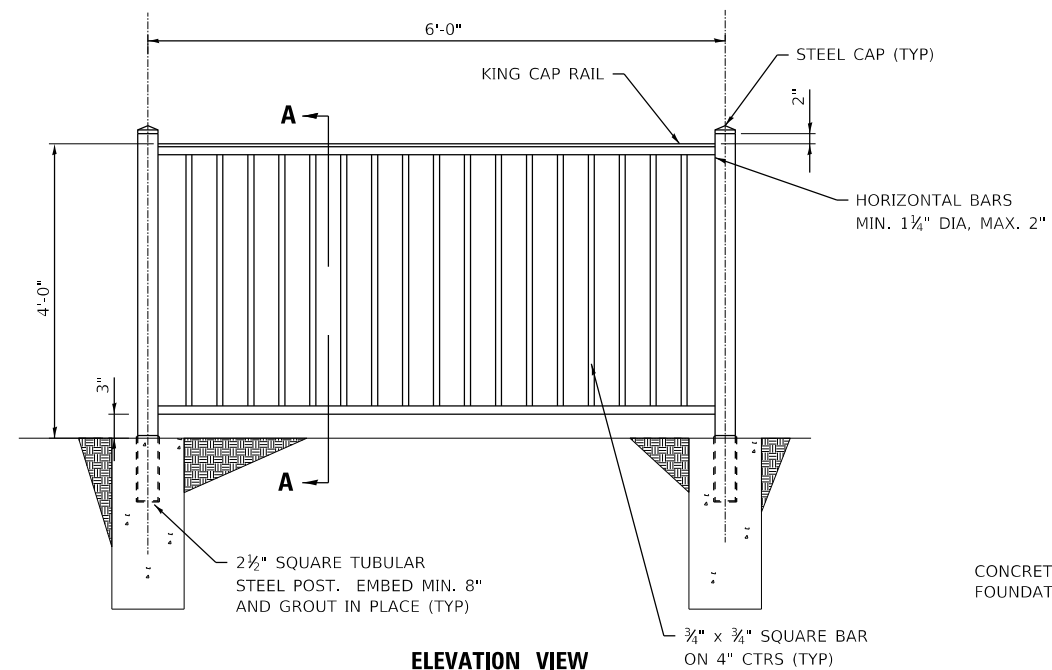


**CROSSWALK DETAIL**  
(NOT TO SCALE)

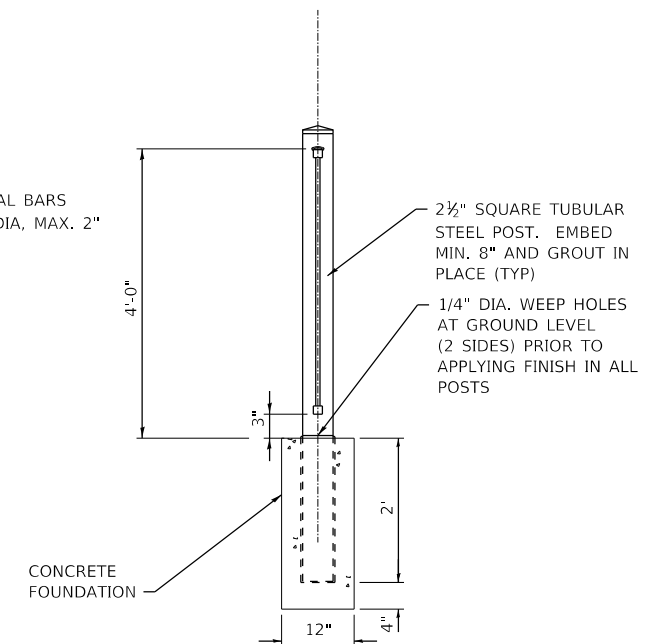
2' WIDE-STAGGER STRIPES  
AROUND WHEEL PATHS TO  
THE SATISFACTION OF THE  
ENGINEER



**SKIP DASH PAVEMENT MARKING DETAIL**  
(NOT TO SCALE)



**ELEVATION VIEW**



**SECTION A-A**  
(NOT TO SCALE)

**ORNAMENTAL RAILING NOTES:**

- UNLESS SHOWN OTHERWISE, ALL CONNECTIONS SHALL BE WELDED.
- ALL WELDS SHALL BE FREE OF SPLATTER.
- ALL JOINT FINISHES AND WELDS SHALL MEET THE NATIONAL ORNAMENTAL & MISCELLANEOUS METALS ASSOCIATION (NOMMA) NO. 1 REQUIREMENTS.
- SEE PLANS FOR MOUNTING LOCATION

**ORNAMENTAL RAILING DETAIL**

(NOT TO SCALE)

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	45
CONTRACT NO. 97762				

ILLINOIS FED. AID PROJECT

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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

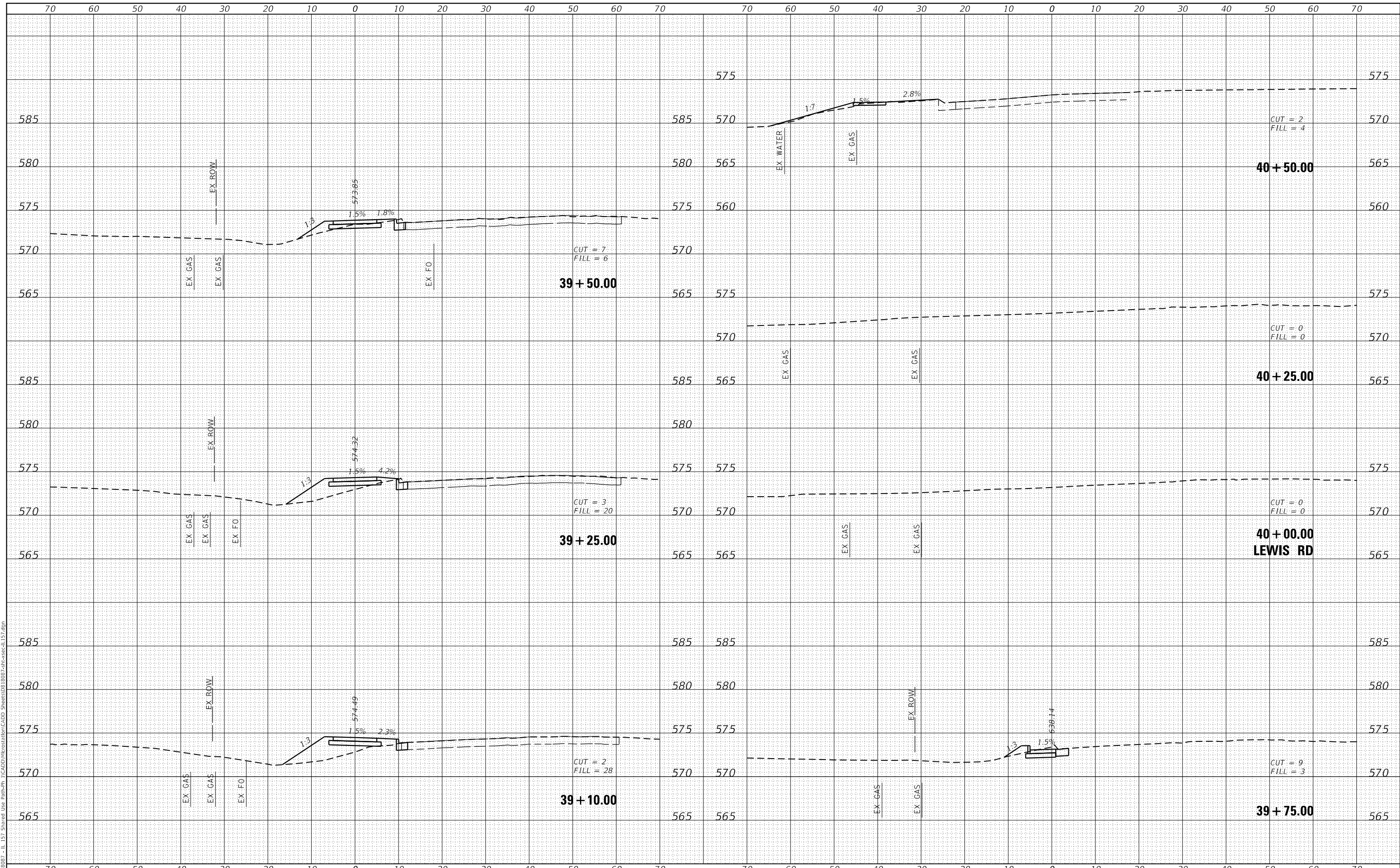


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PLOT DATE = 6/8/2021	CHECKED -	REVISED -
	DATE -	REVISED -

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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**OATES ASSOCIATES**  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = b.hell	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

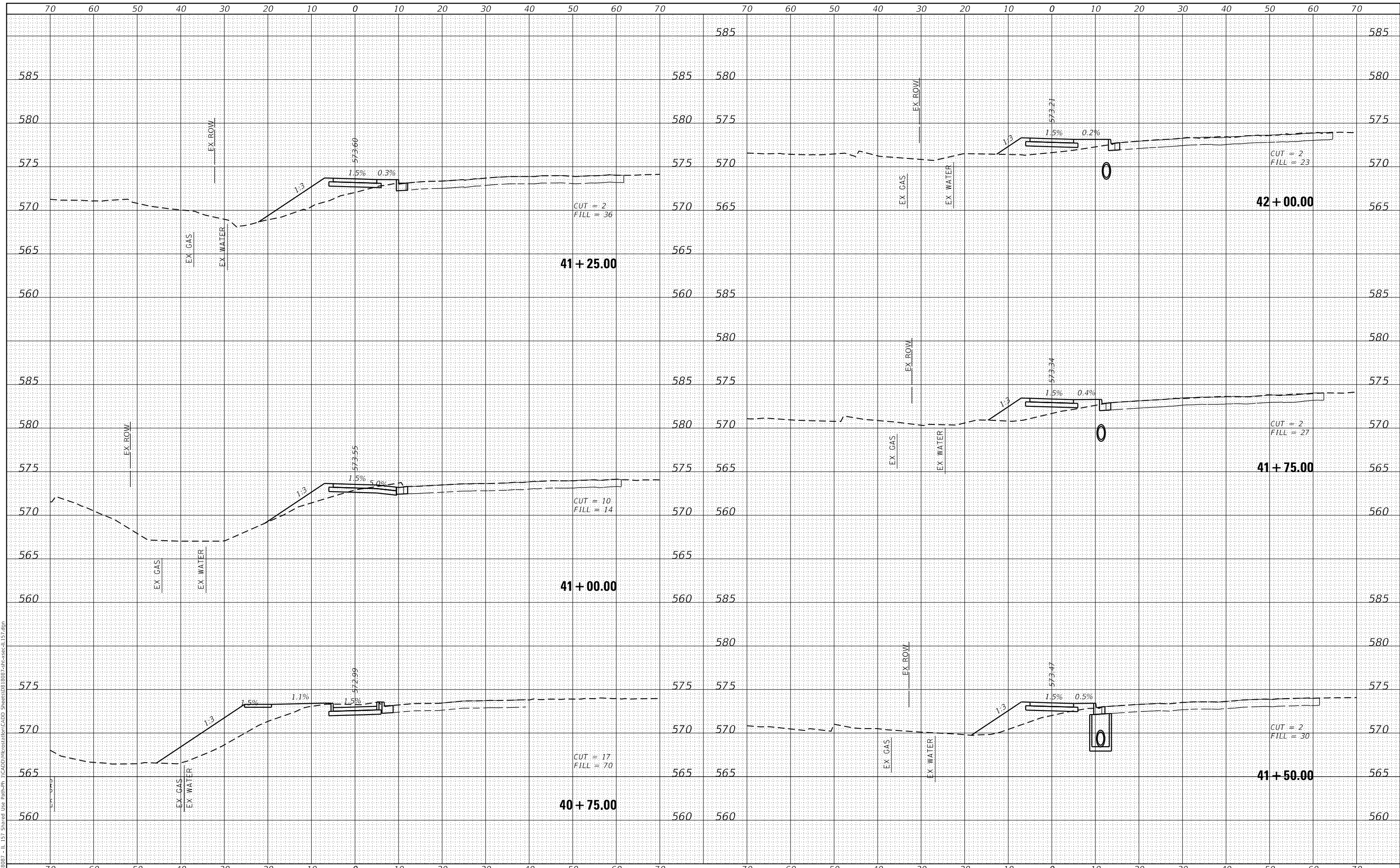
SCALE: 1"=10'    SHEET 1 OF 27 SHEETS    STA. 39+10.00 TO STA. 40+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	46
			CONTRACT NO. 97762	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

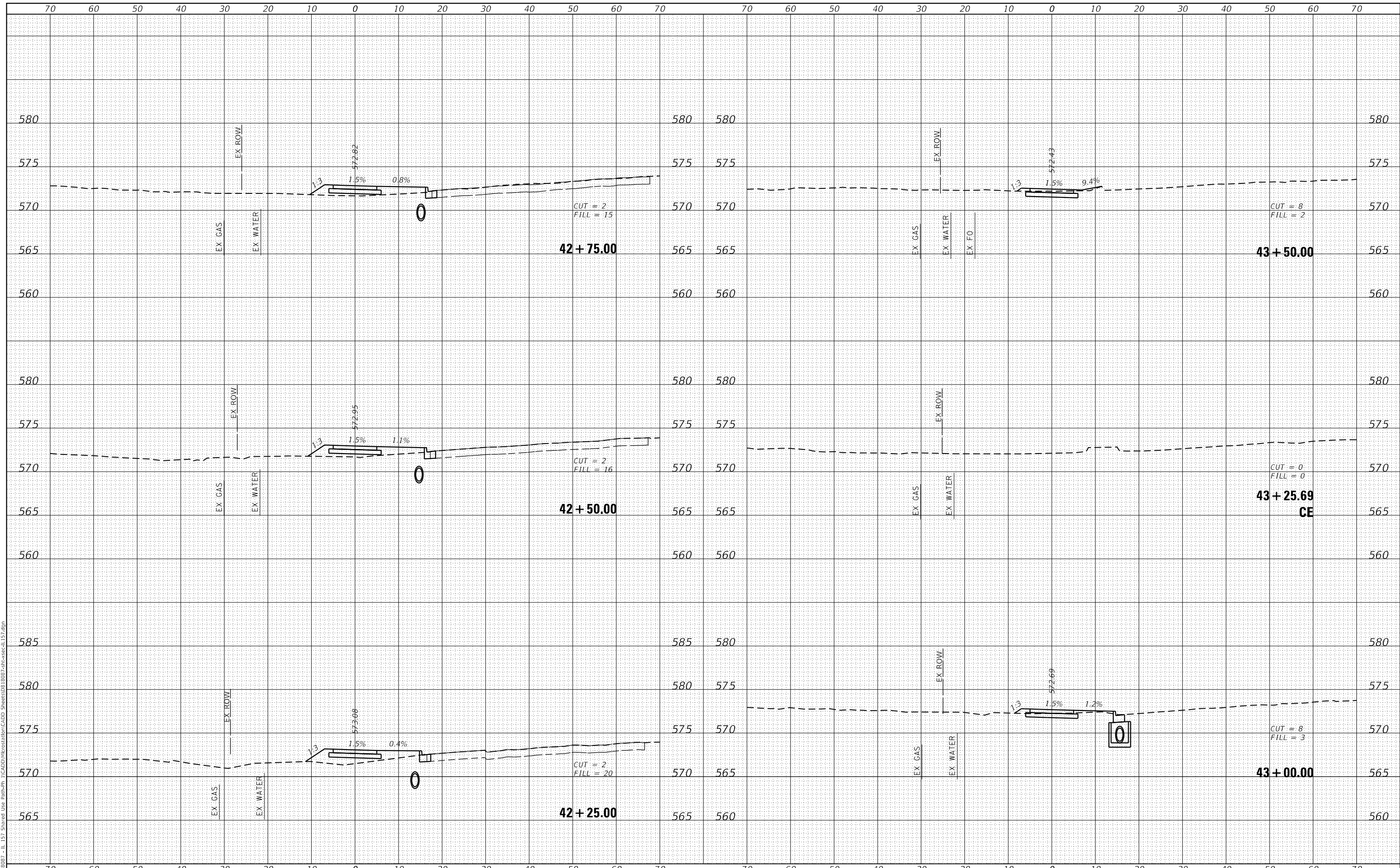
**CROSS SECTIONS**  
 SCALE: 1"=10'  
 SHEET 2 OF 27 SHEETS  
 STA. 40+75.00 TO STA. 42+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	47
			CONTRACT NO. 97762	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: 1"=10'    SHEET 3 OF 27 SHEETS    STA. 42+25.00 TO STA. 43+50.00

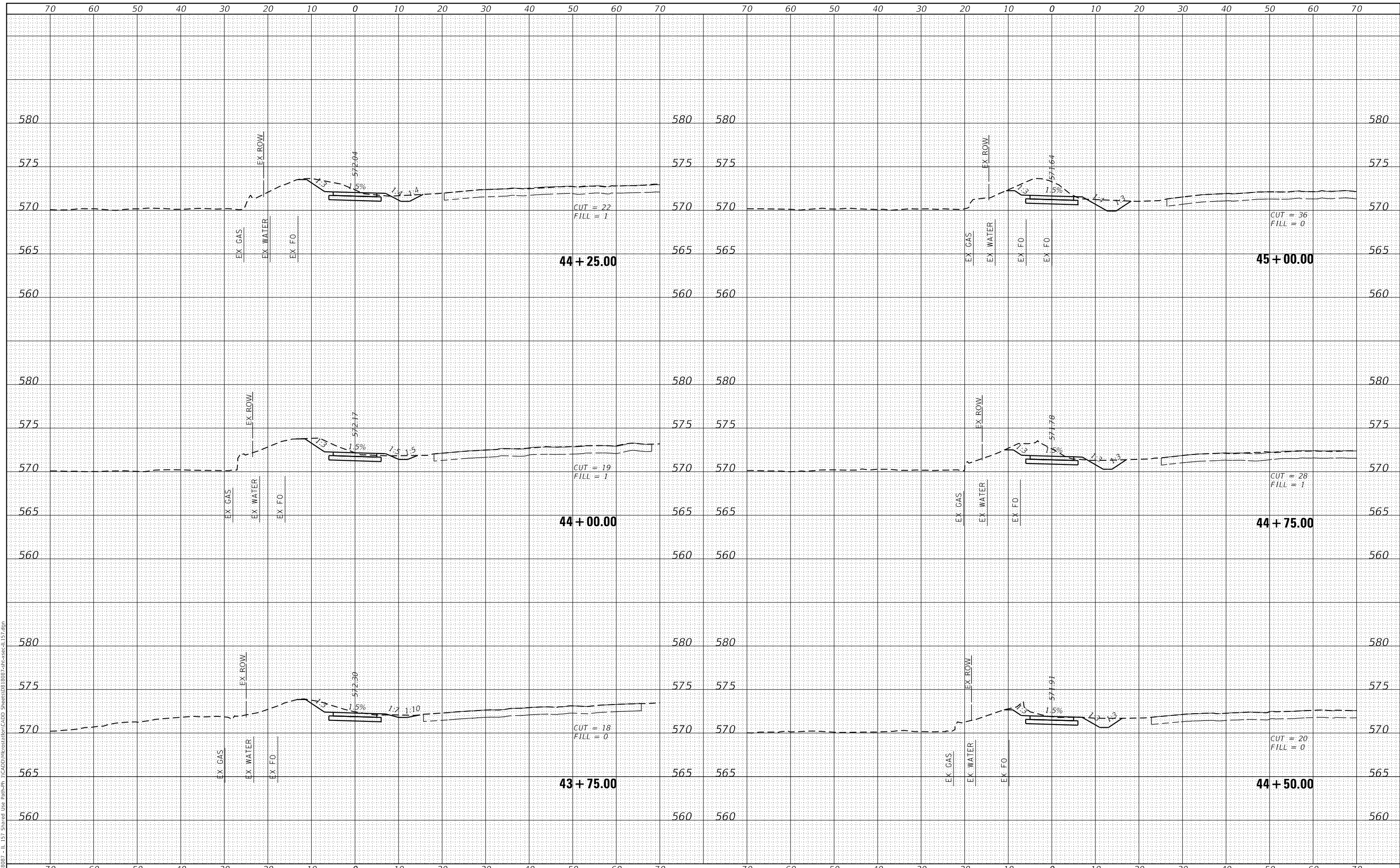
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	48
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

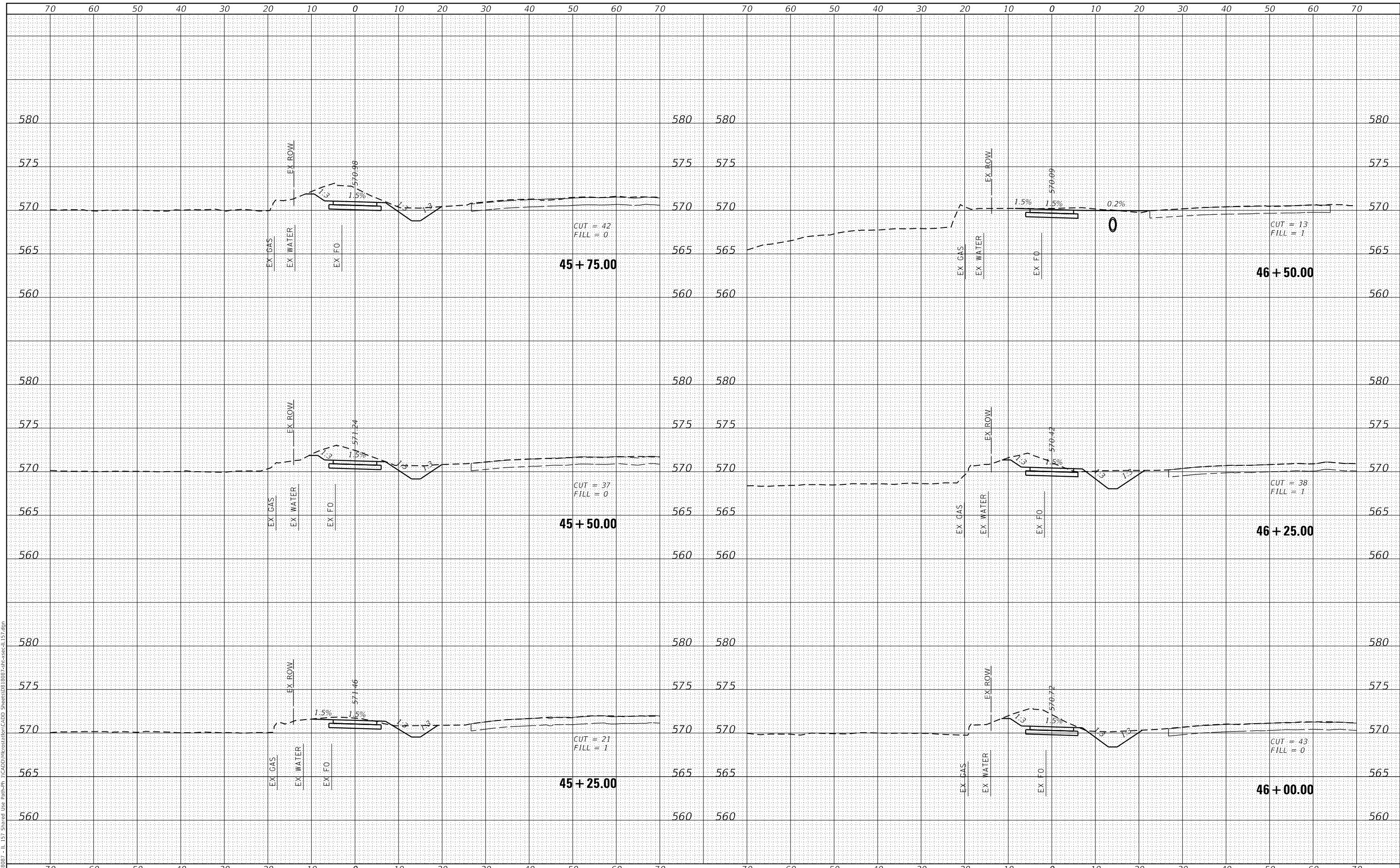
CROSS SECTIONS  
 SCALE: 1"=10'  
 SHEET 4 OF 27 SHEETS  
 STA. 43+75.00 TO STA. 45+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	49
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
NO.	

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

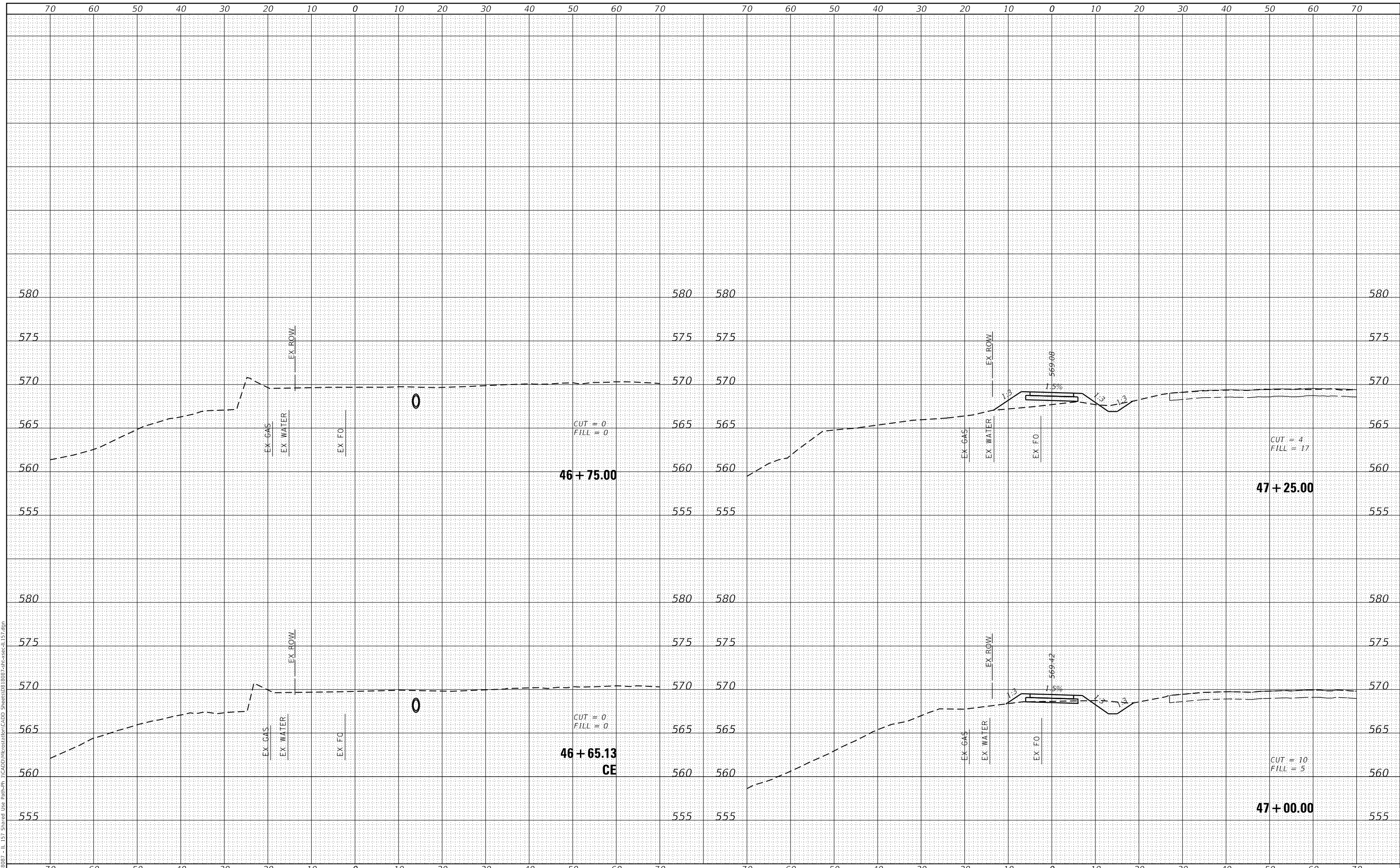
SCALE: 1"=10' SHEET 5 OF 27 SHEETS STA. 45+25.00 TO STA. 46+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	50
			CONTRACT NO. 97762	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

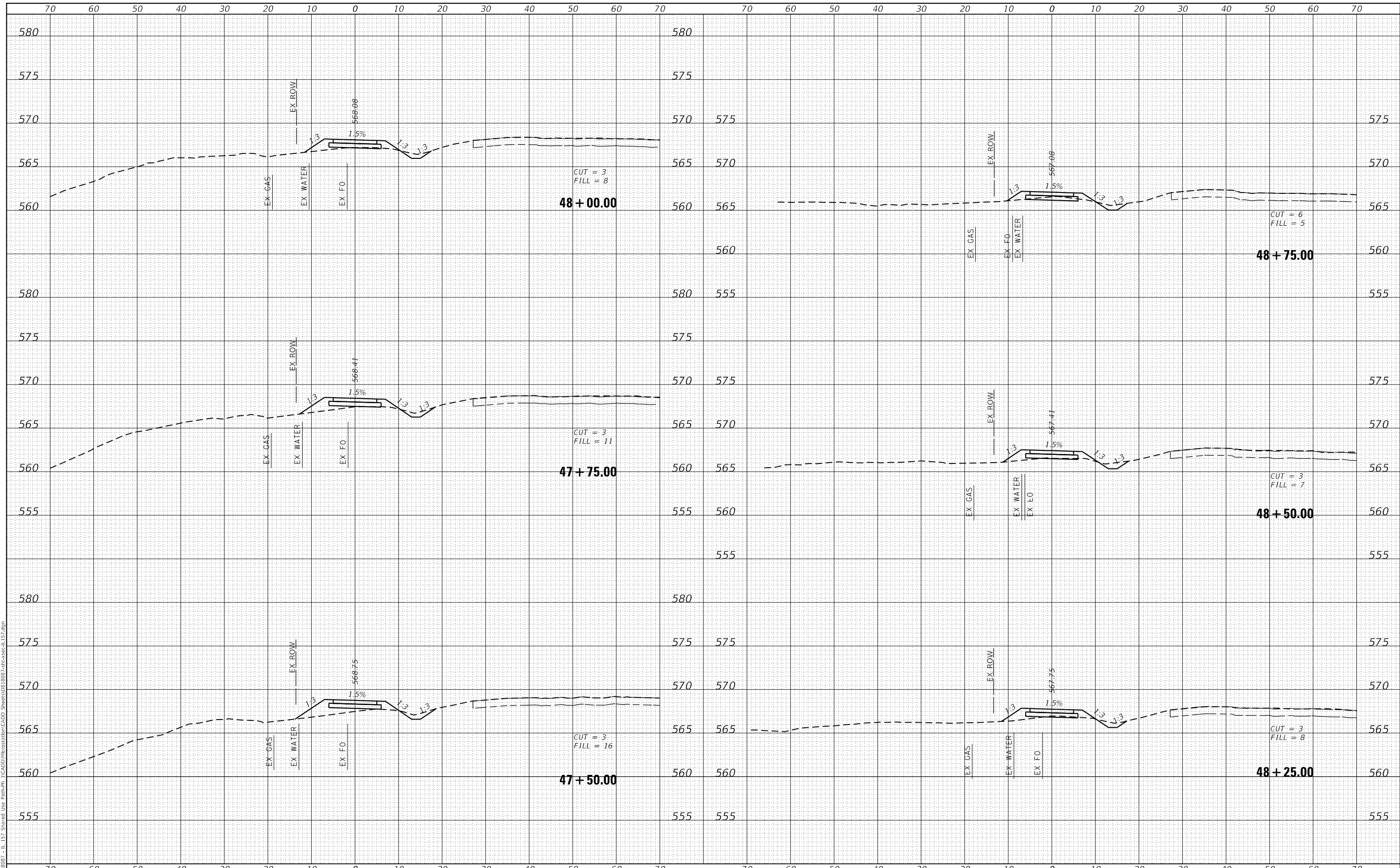
SCALE: 1"=10' SHEET 6 OF 27 SHEETS STA. 46+65.13 TO STA. 47+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	51
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Defaul  
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USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

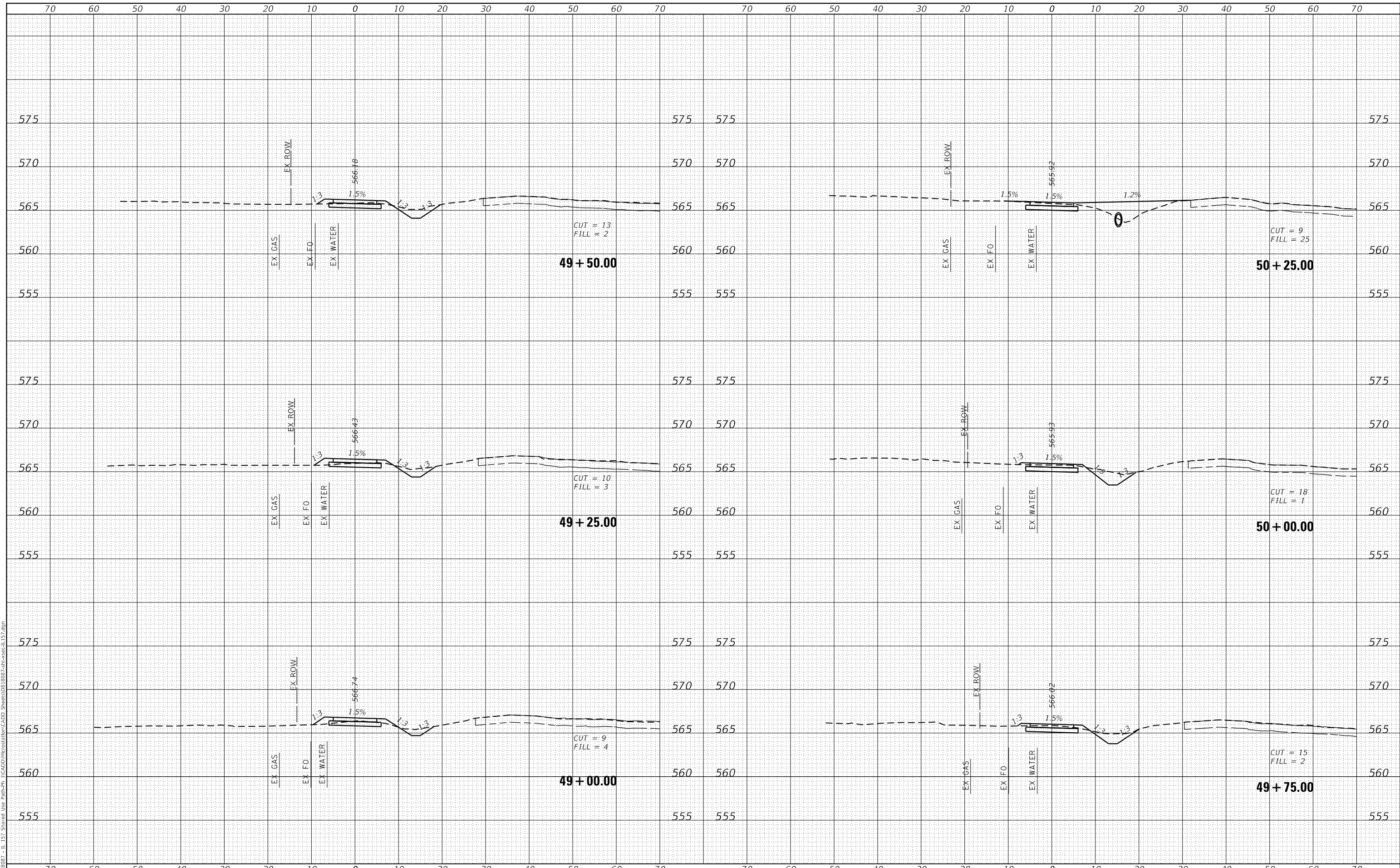
SCALE: 1"=10'    SHEET 7 OF 27 SHEETS    STA. 47+50.00 TO STA. 48+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	52
			CONTRACT NO. 97762	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

MODEL: Defn.dwg  
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PLOT DATE = 6/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

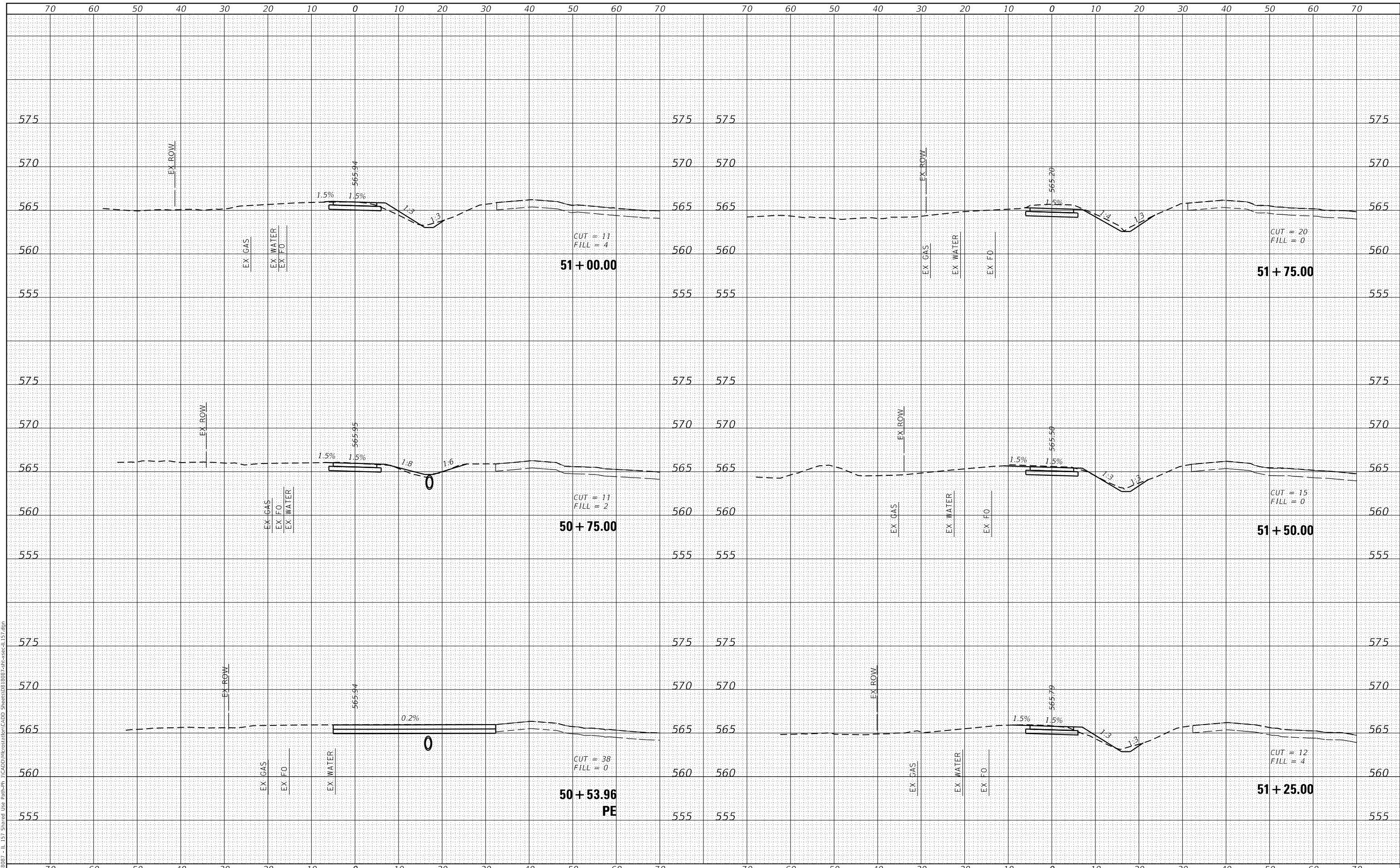
SCALE: 1"=10'    SHEET 8 OF 27 SHEETS    STA. 49+00.00 TO STA. 50+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	53
			CONTRACT NO. 97762	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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PLOT DATE = 6/9/2021	DATE -

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

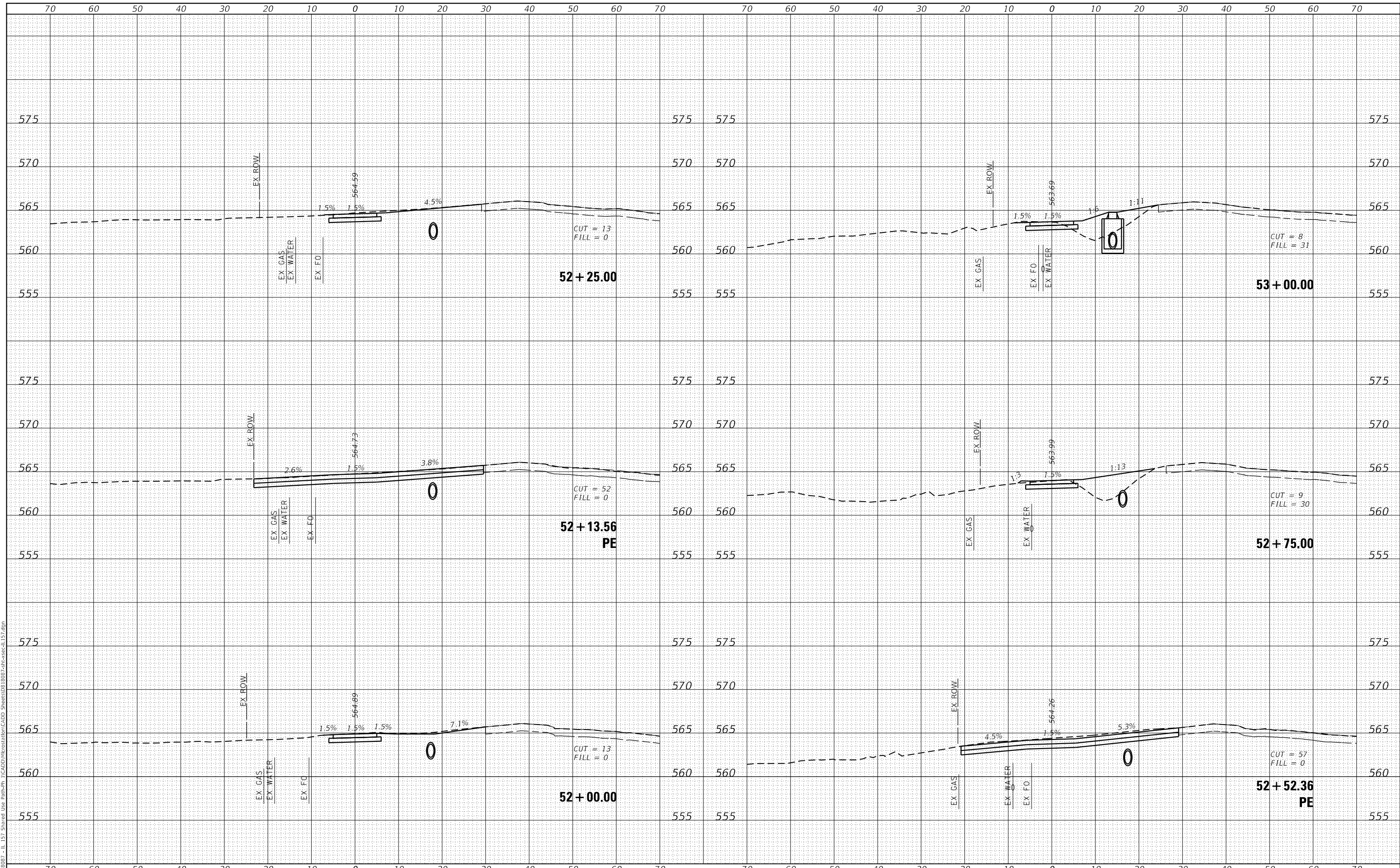
SCALE: 1"=10'    SHEET 9 OF 27 SHEETS    STA. 50+53.96 TO STA. 51+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	54
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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PLOT SCALE = 20.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

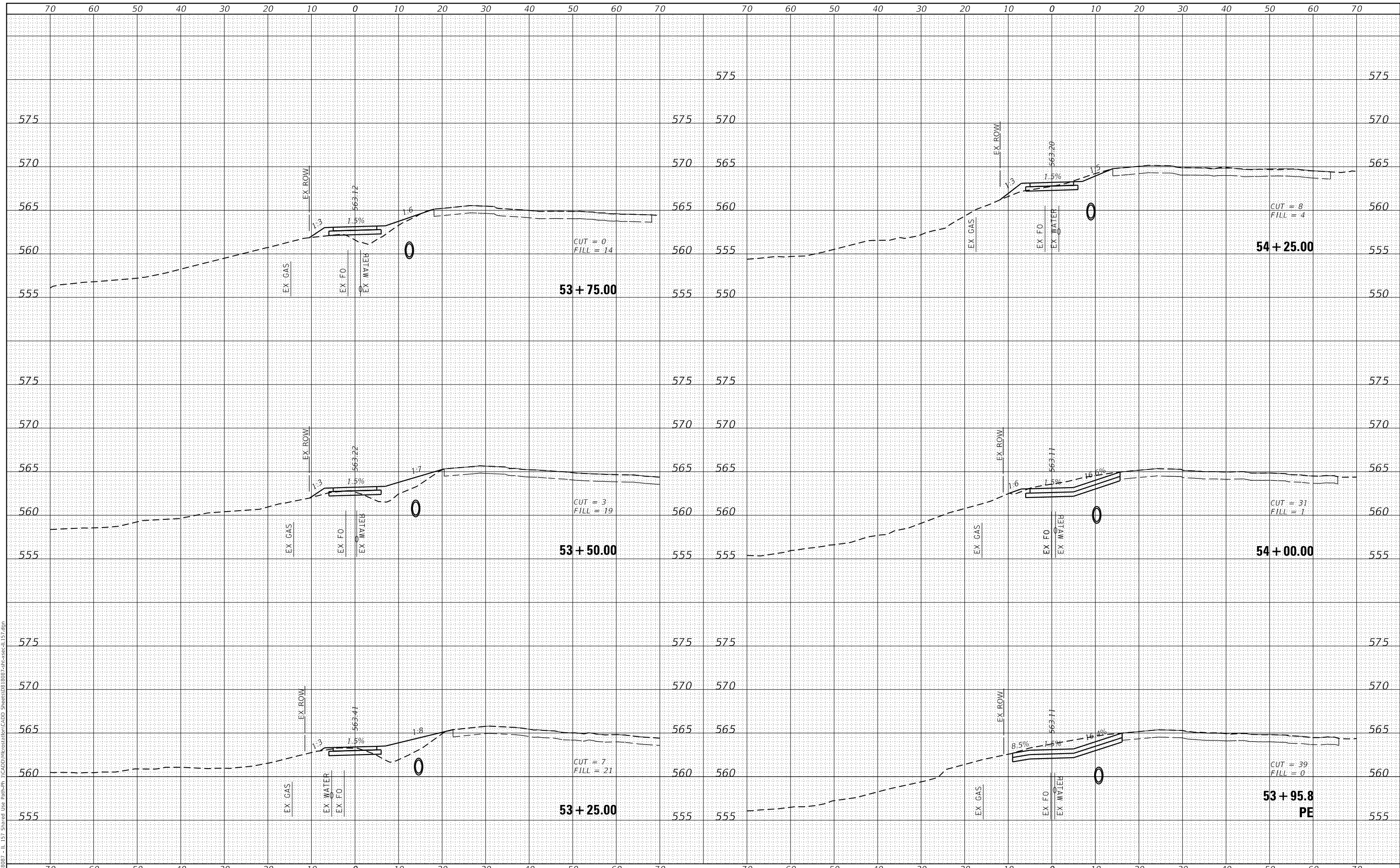
<b>CROSS SECTIONS</b>	
SCALE: 1"=10'	SHEET 10 OF 27 SHEETS
STA. 52+00.00	TO STA. 53+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	55
			CONTRACT NO. 97762	
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' SHEET 11 OF 27 SHEETS STA. 53+25.00 TO STA. 54+25.00

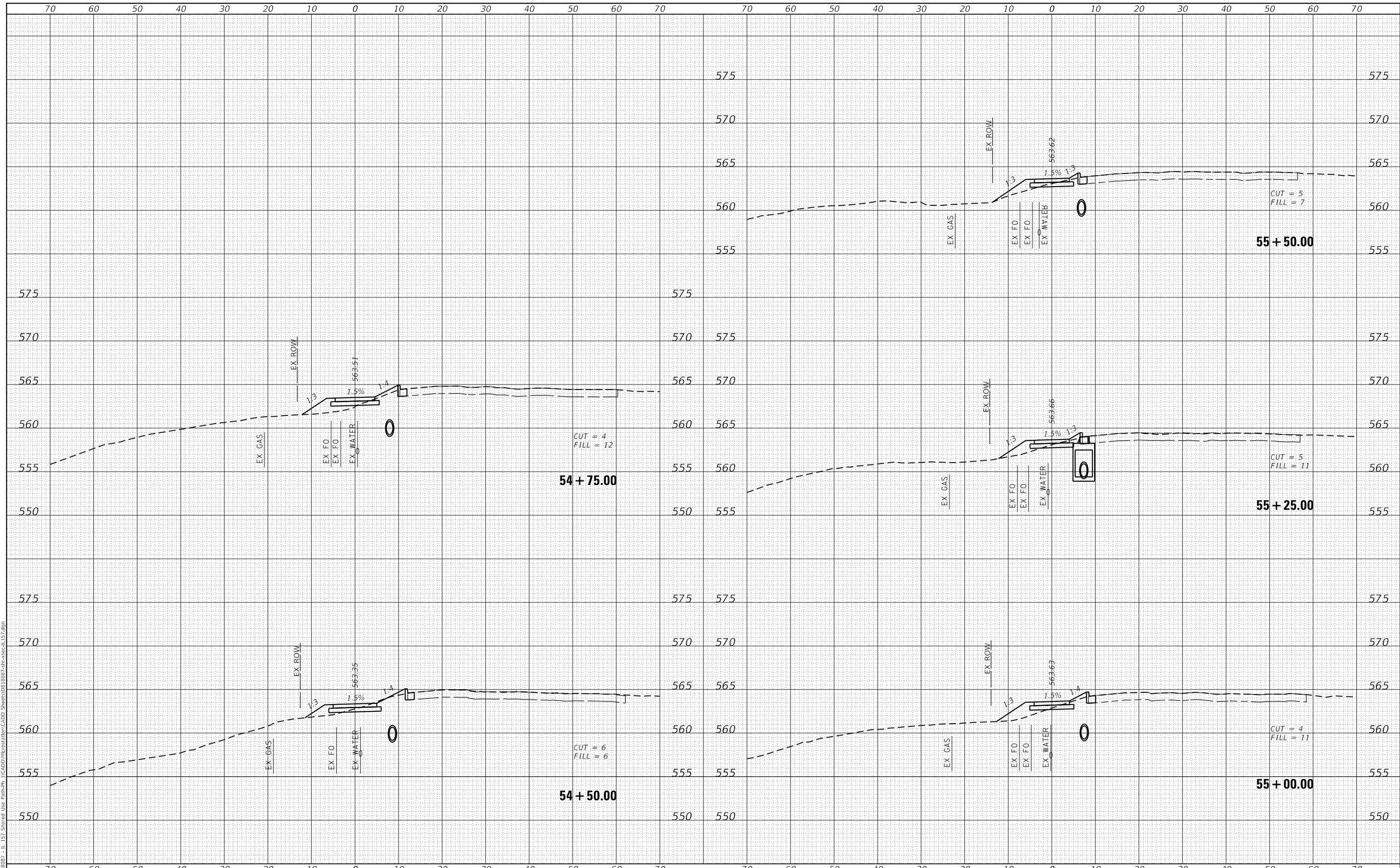
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	56
			CONTRACT NO. 97762	
ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Defaul  
 FILE NAME: H:\18087 - IL 151 Shared Use Path\h...  
 I:\CADD\MicroStation\CADD\_Sheets\18087-2\h151-152.dgn



USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/9/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

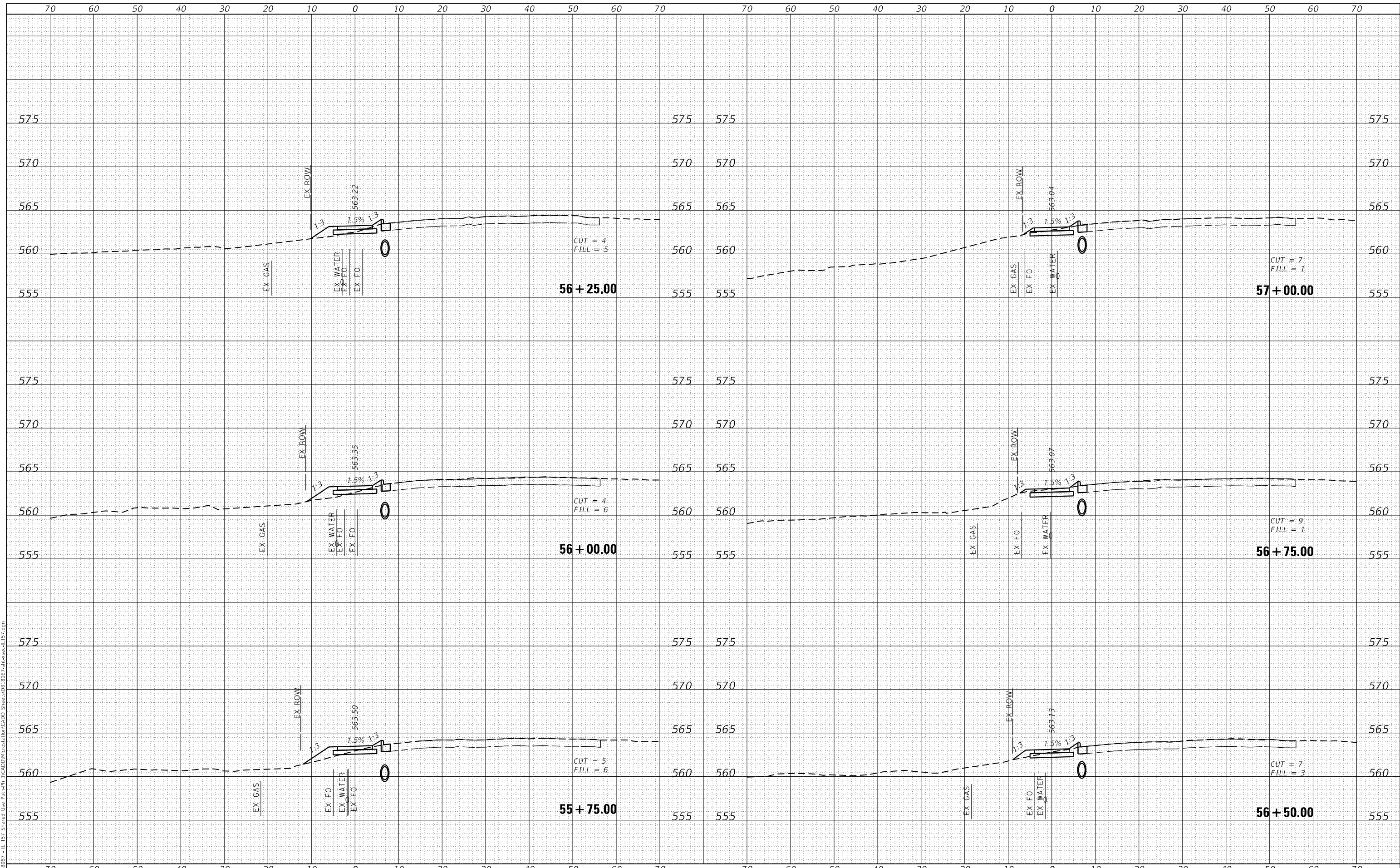
**CROSS SECTIONS**  
 SCALE: 1"=10' SHEET 12 OF 27 SHEETS STA. 54+50.00 TO STA. 55+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	57
			CONTRACT NO. 97762	
		ILLINOIS FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

MODEL: Defaul  
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 I:\CAD\MicroStation\CADD\_Sheets\18087-151\151.dgn



USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

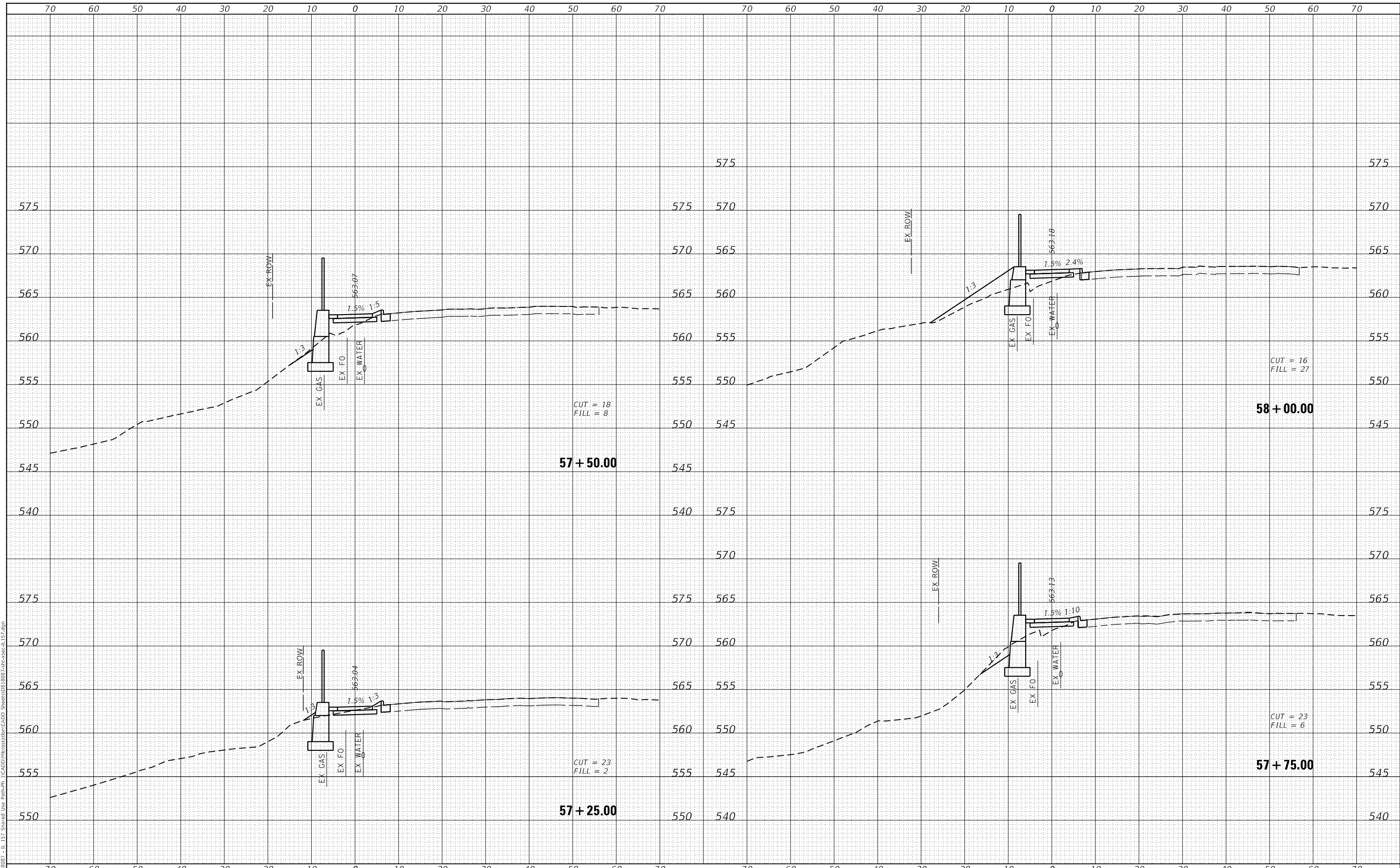
SCALE: 1"=10'    SHEET 13 OF 27 SHEETS    STA. 55+75.00 TO STA. 57+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	58
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Defnair  
 FILE NAME: H:\18087 - IL 151 Shared Use Path\h...  
 I:\CAD\MicroStation\CADD\_Sheets\18087-18087-18087-151.dgn



USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

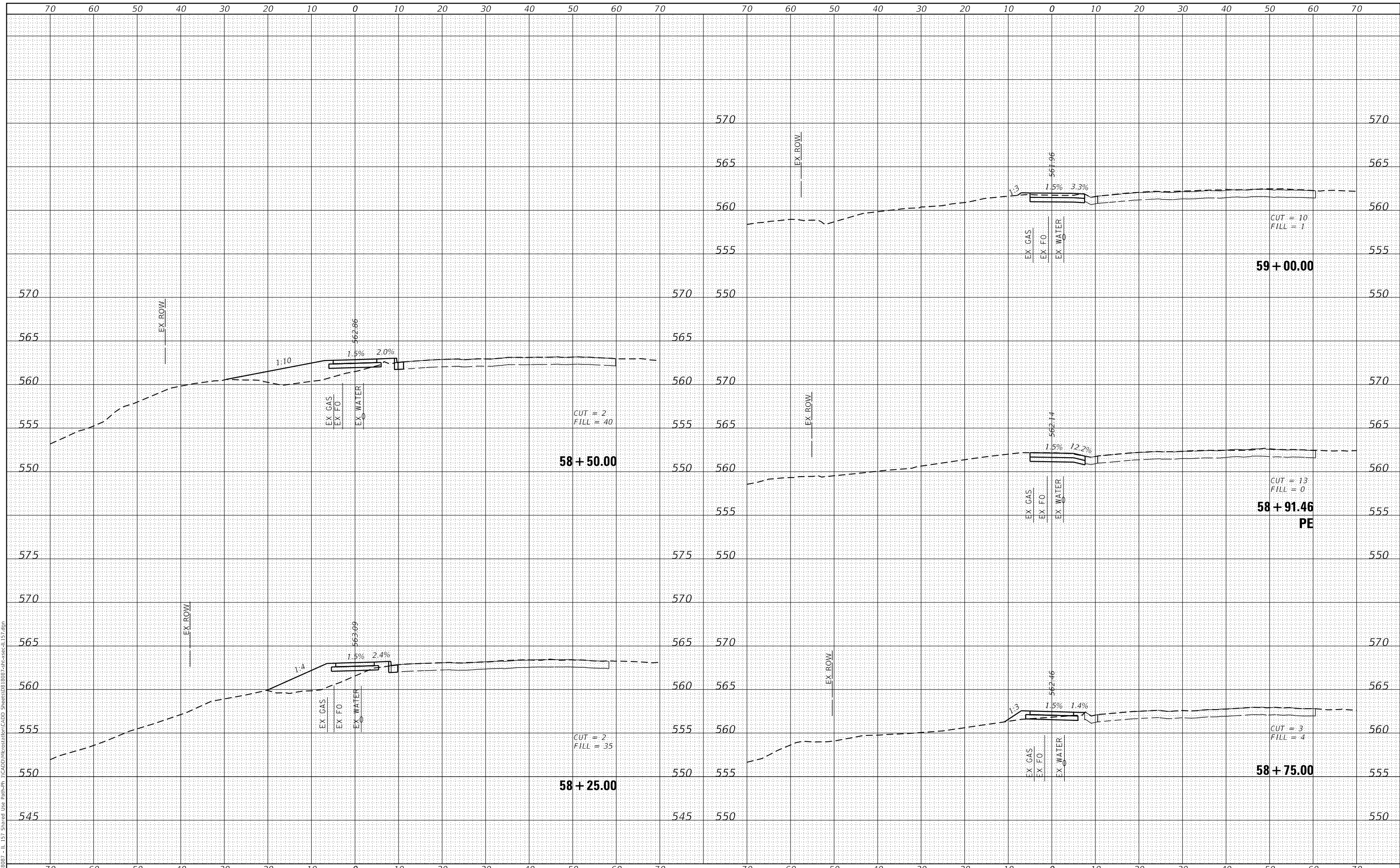
SCALE: 1"=10' SHEET 14 OF 27 SHEETS STA. 57+25.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	59
			CONTRACT NO. 97762	
		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

MODEL: Defaul  
 FILE NAME: H:\18087 - IL 151 Shared Use Path\h...  
 I:\CAD\MicroStation\CADD\_Sheets\18087-2\h-use-IL151.dgn



USER NAME = b.hell	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

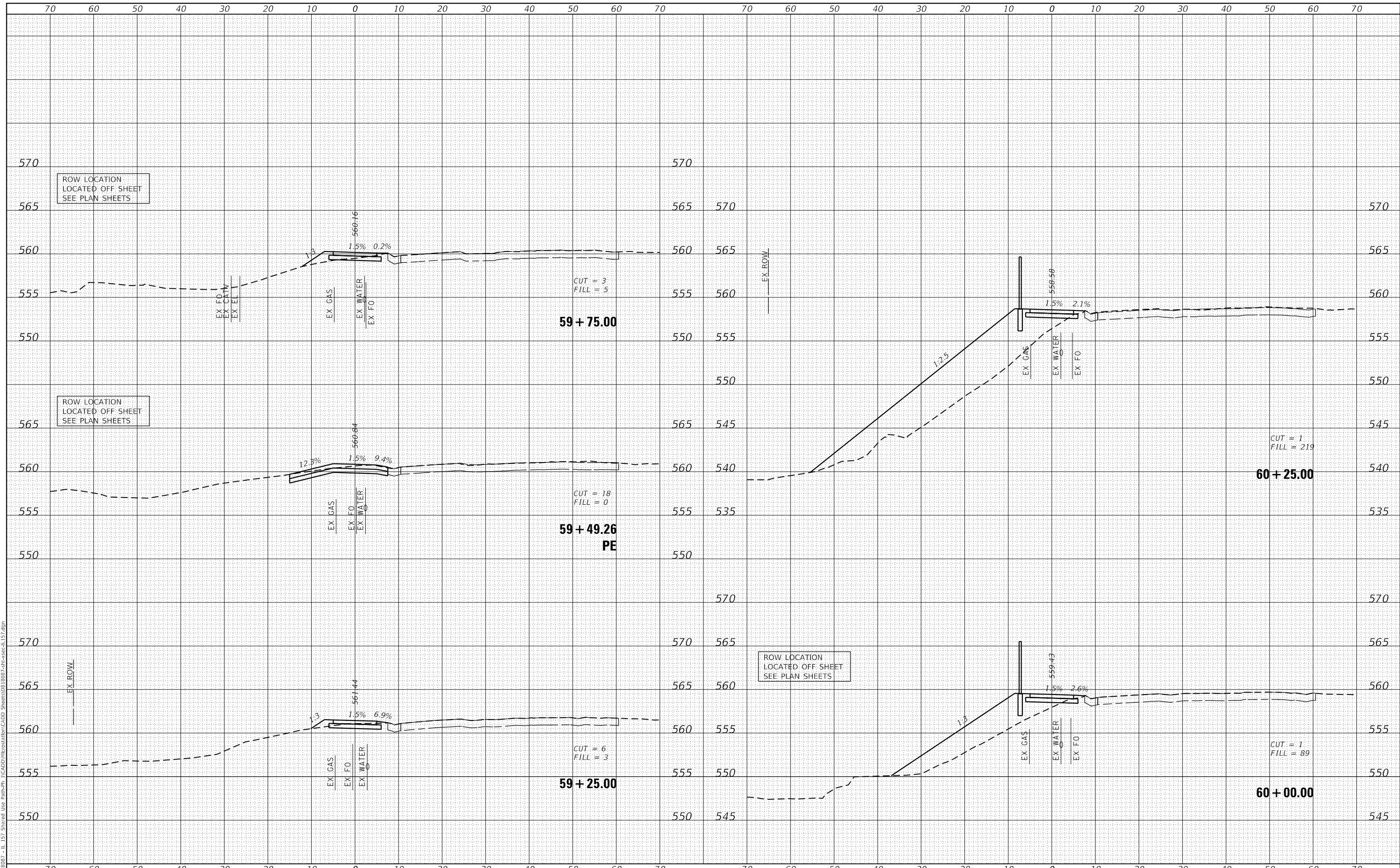
**CROSS SECTIONS**  
 SCALE: 1"=10' SHEET 15 OF 27 SHEETS STA. 58+25.00 TO STA. 59+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	60
			CONTRACT NO. 97762	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Defaul  
 FILE NAME: H:\18087 - IL 151 Shared Use Path\h...  
 I:\CADD\Intersections\CADD\_Sheets\18087-18087-2\h151-151.dgn



USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

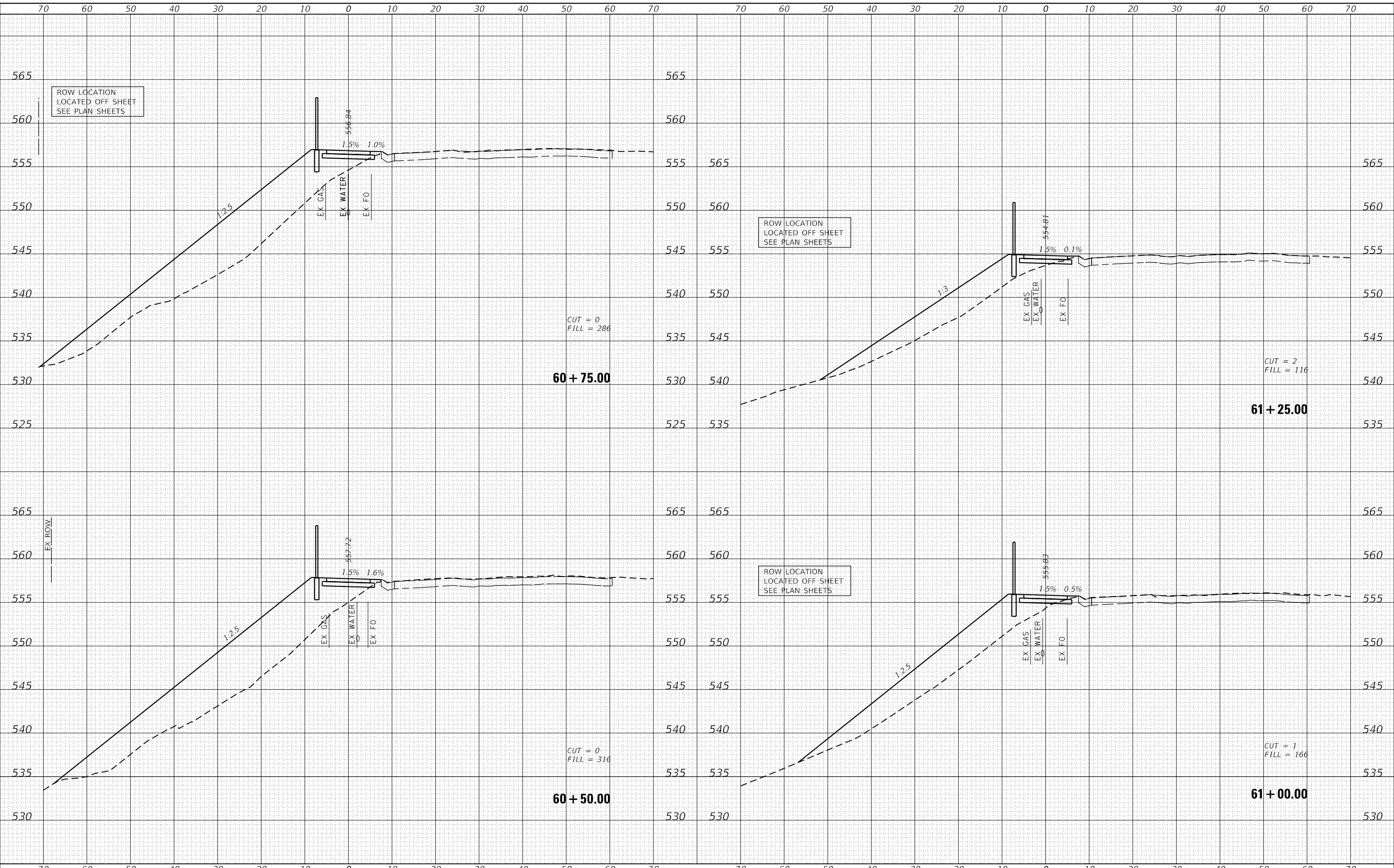
SCALE: 1"=10' SHEET 16 OF 27 SHEETS STA. 59+25.00 TO STA. 60+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	61
			CONTRACT NO. 97762	
		ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

MODEL: Defaul  
 FILE NAME: H:\18897 - IL 151 Shared Use Path\ph...  
 I:\CAD\MicroStation\CADD Sheets\18897-18897-18897-1157.dgn



USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/9/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

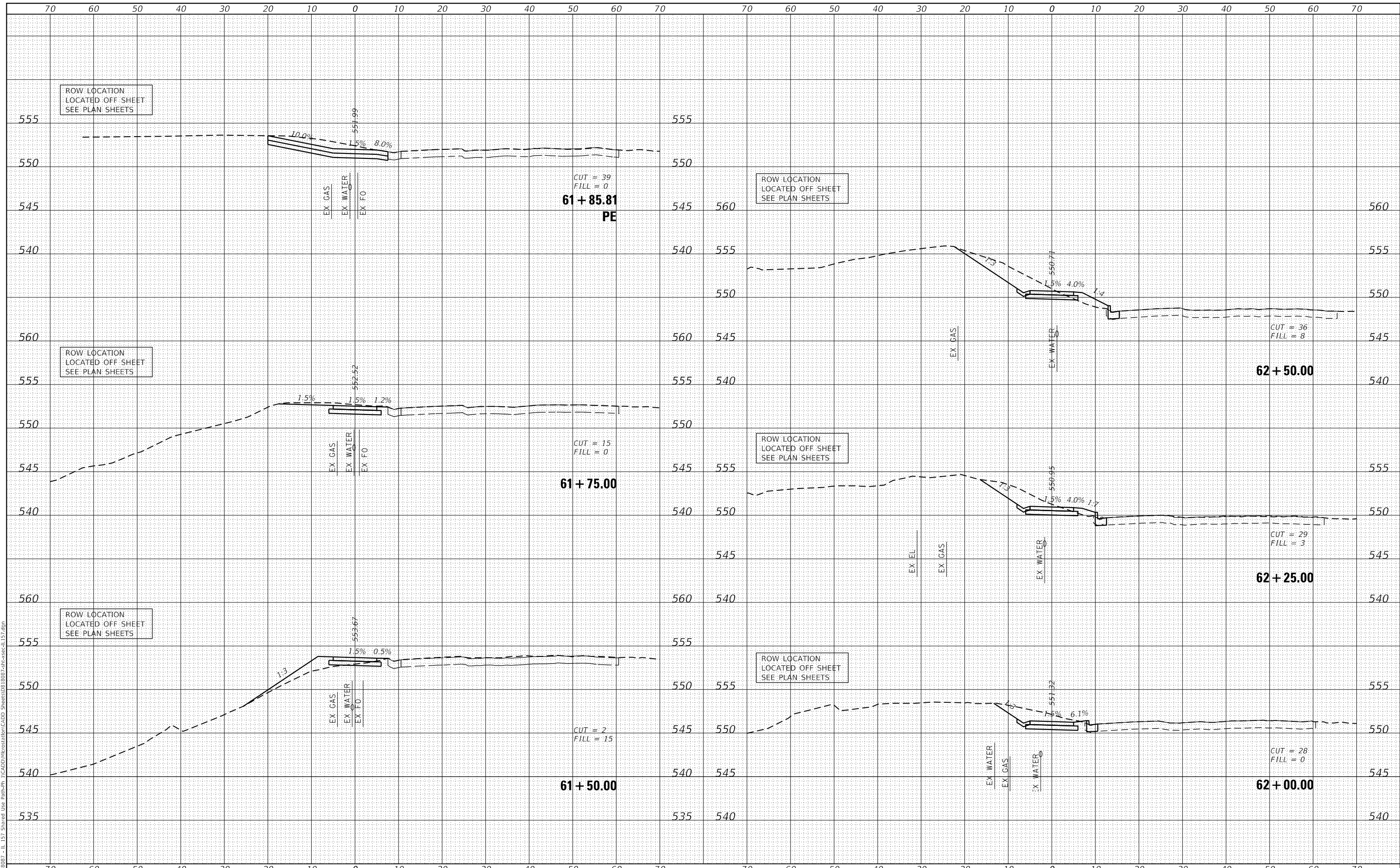
**CROSS SECTIONS**  
 SCALE: 1"=10' SHEET 17 OF 27 SHEETS STA. 60+50.00 TO STA. 61+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	62
			CONTRACT NO. 97762	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

MODEL: Defaul  
 FILE NAME: H:\18087 - IL 151 Shared Use Path-ph...  
 I:\CAD\MicroStation\CADD\_Sheets\18087-18087-151-151.dgn



USER NAME = b.hell	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISD -
PLOT DATE = 6/9/2021	DATE -	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

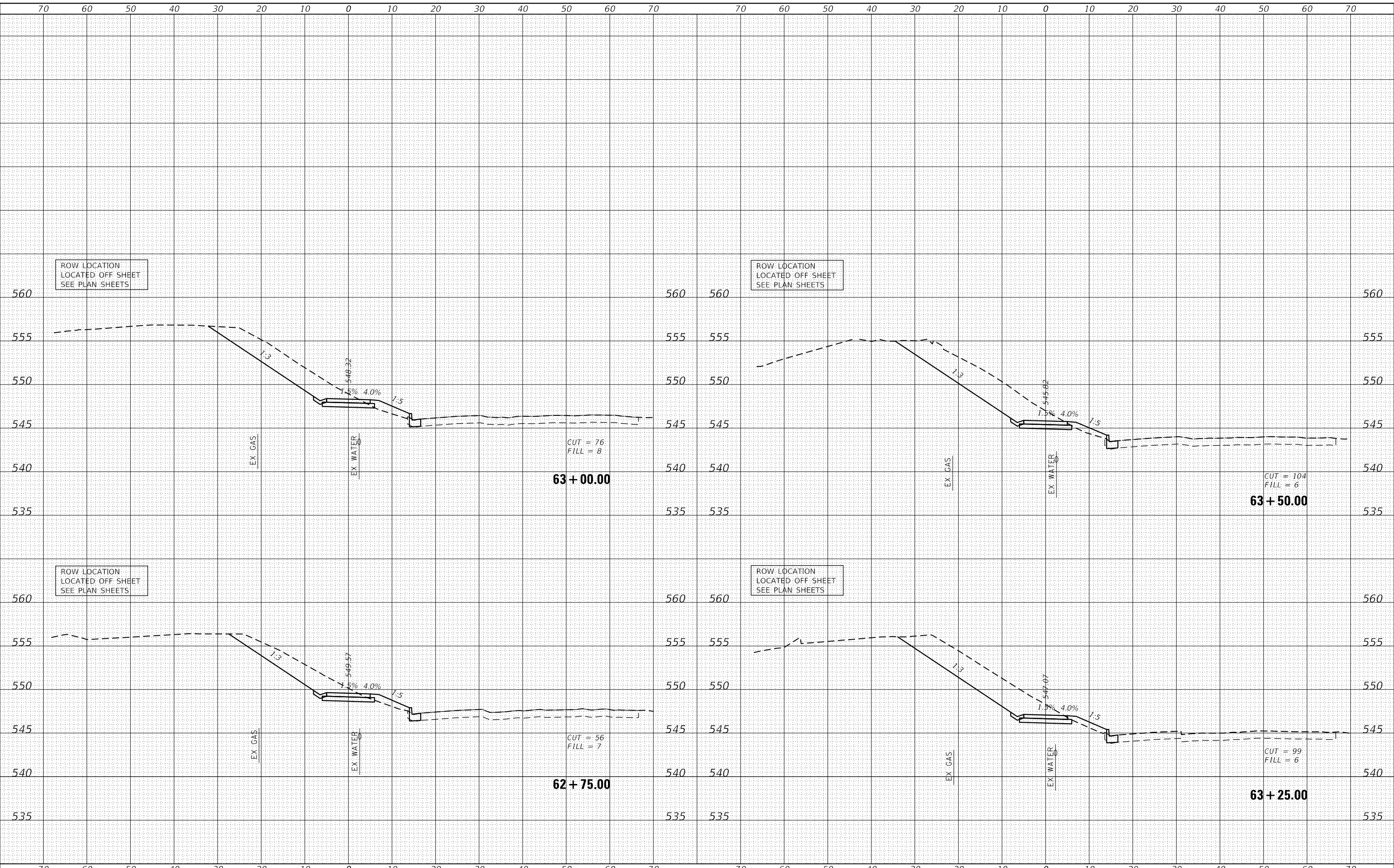
SCALE: 1"=10' SHEET 18 OF 27 SHEETS STA. 61+50.00 TO STA. 62+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	63
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Defnair  
 FILE NAME: H:\18087 - IL 151 Shared Use Path\ph...  
 I:\CAD\MicroStation\CADD Sheets\18087-18087-151.dgn



USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' SHEET 19 OF 27 SHEETS STA. 62+75.00 TO STA. 63+50.00

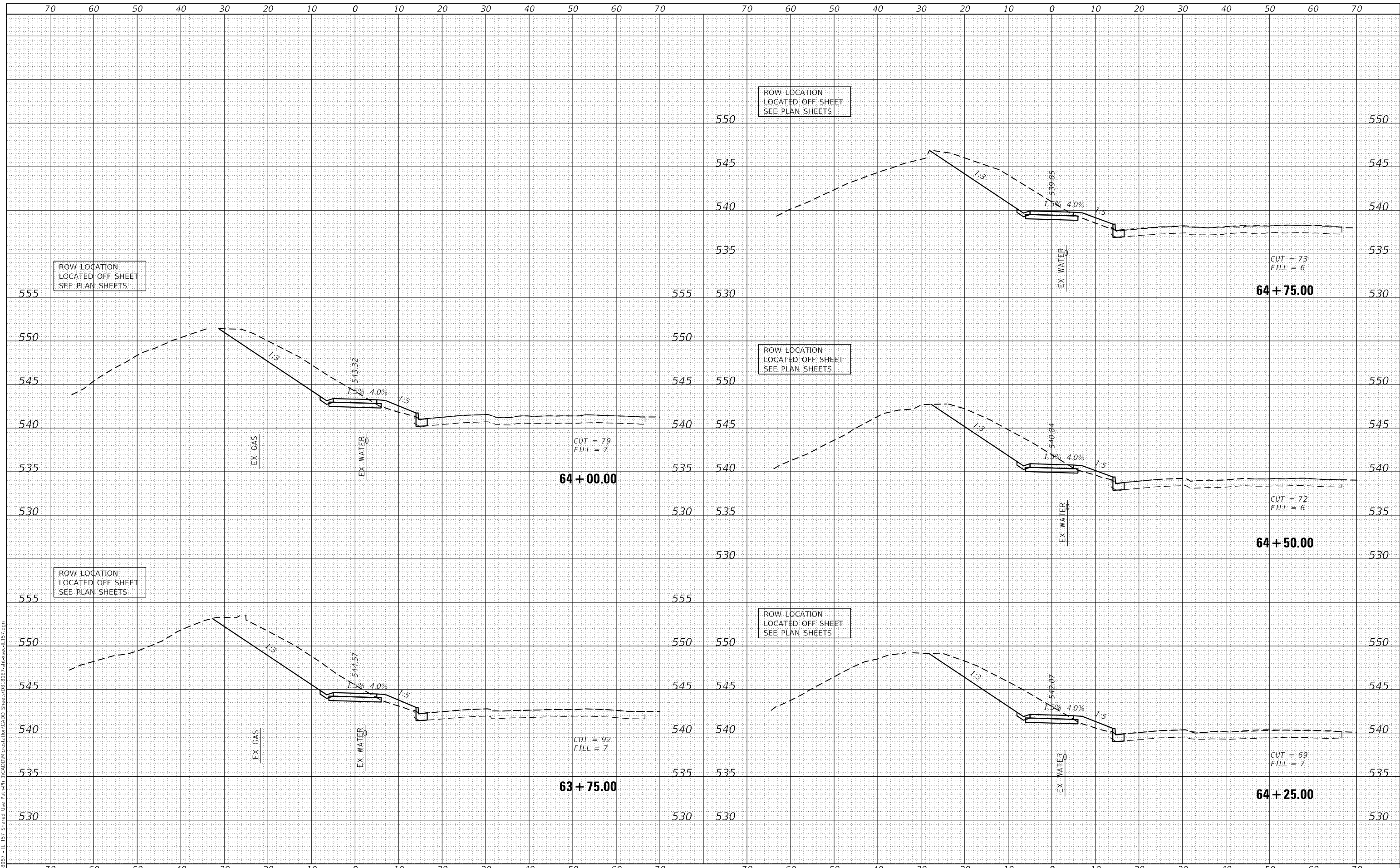
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	64
			CONTRACT NO. 97762	
		ILLINOIS	FED. AID PROJECT	



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

MODEL: Definit  
 FILE NAME: H:\18087 - IL 151 Shared Use Path\h...  
 I:\CAD\MicroStation\CADD Sheets\18087-18087-151.dgn



USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/9/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

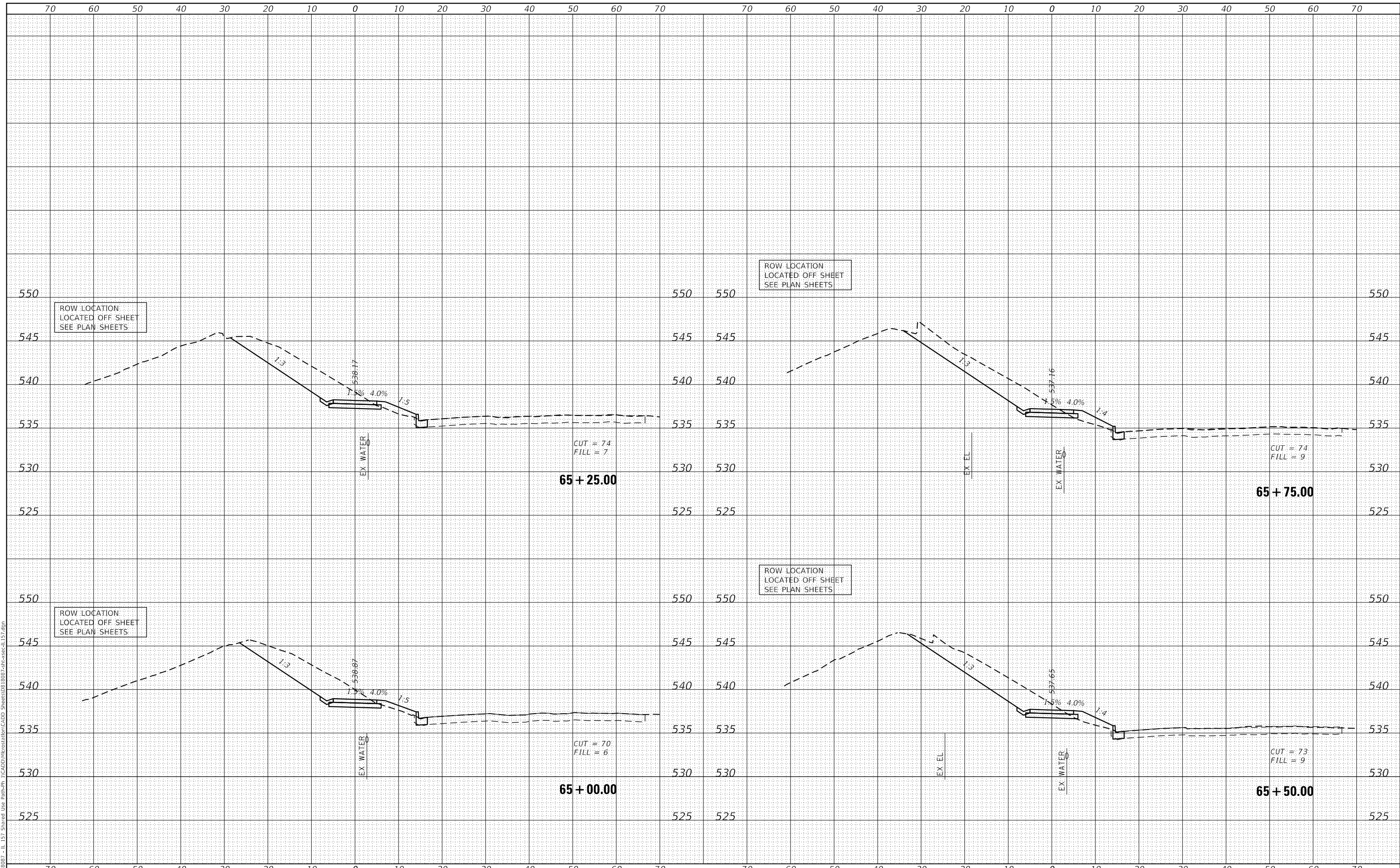
SCALE: 1"=10'    SHEET 20 OF 27 SHEETS    STA. 63+75.00 TO STA. 64+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	65
			CONTRACT NO. 97762	
ILLINOIS FED. AID PROJECT				

DATE	
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SURVEYED	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
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PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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MODEL: Defnair  
 FILE NAME: H:\18087 - IL 151 Shared Use Path\h...  
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USER NAME = b,hell	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

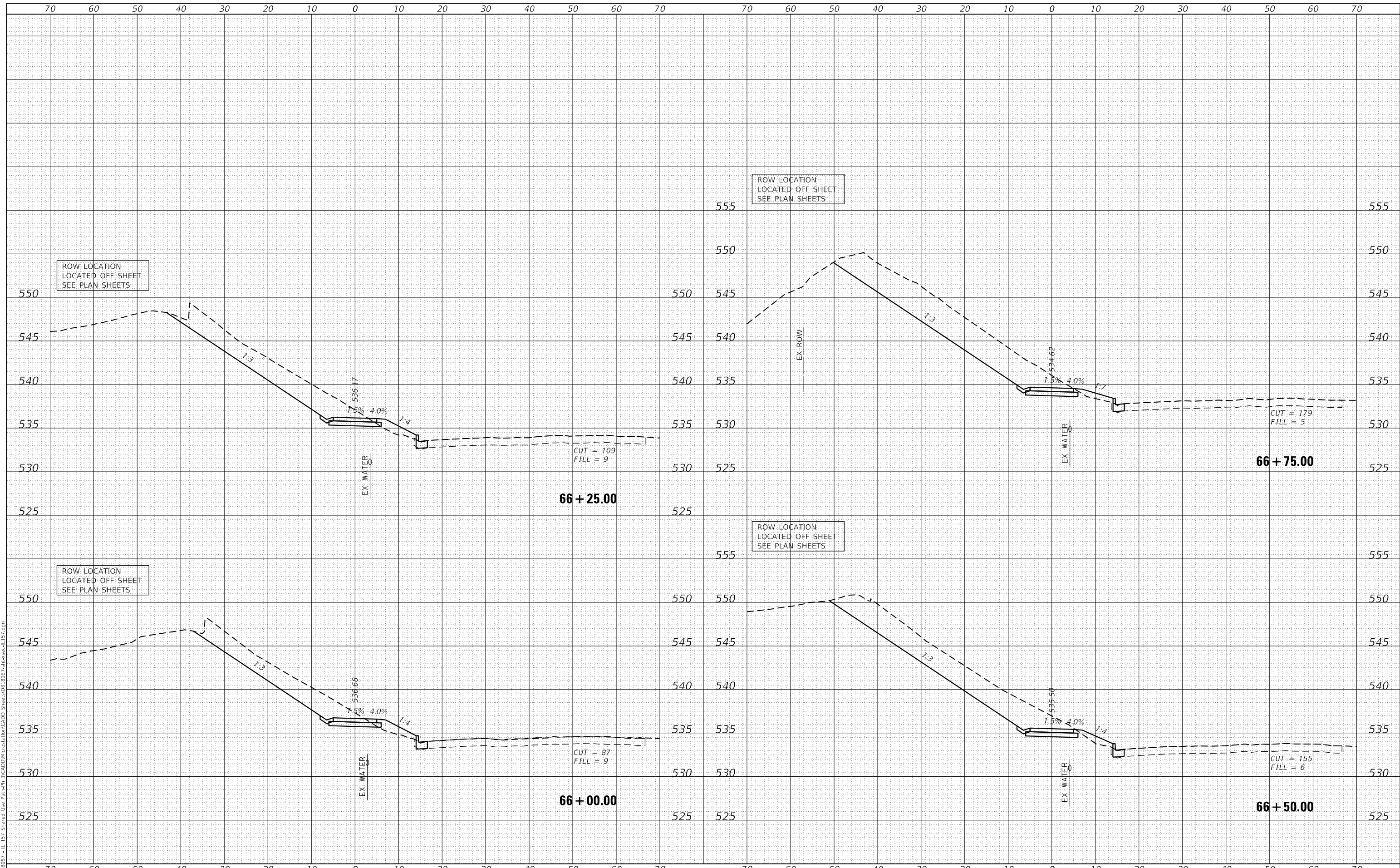
SCALE: 1"=10' SHEET 21 OF 27 SHEETS STA. 65+00.00 TO STA. 65+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	66
			CONTRACT NO. 97762	
		ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Defaul  
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USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

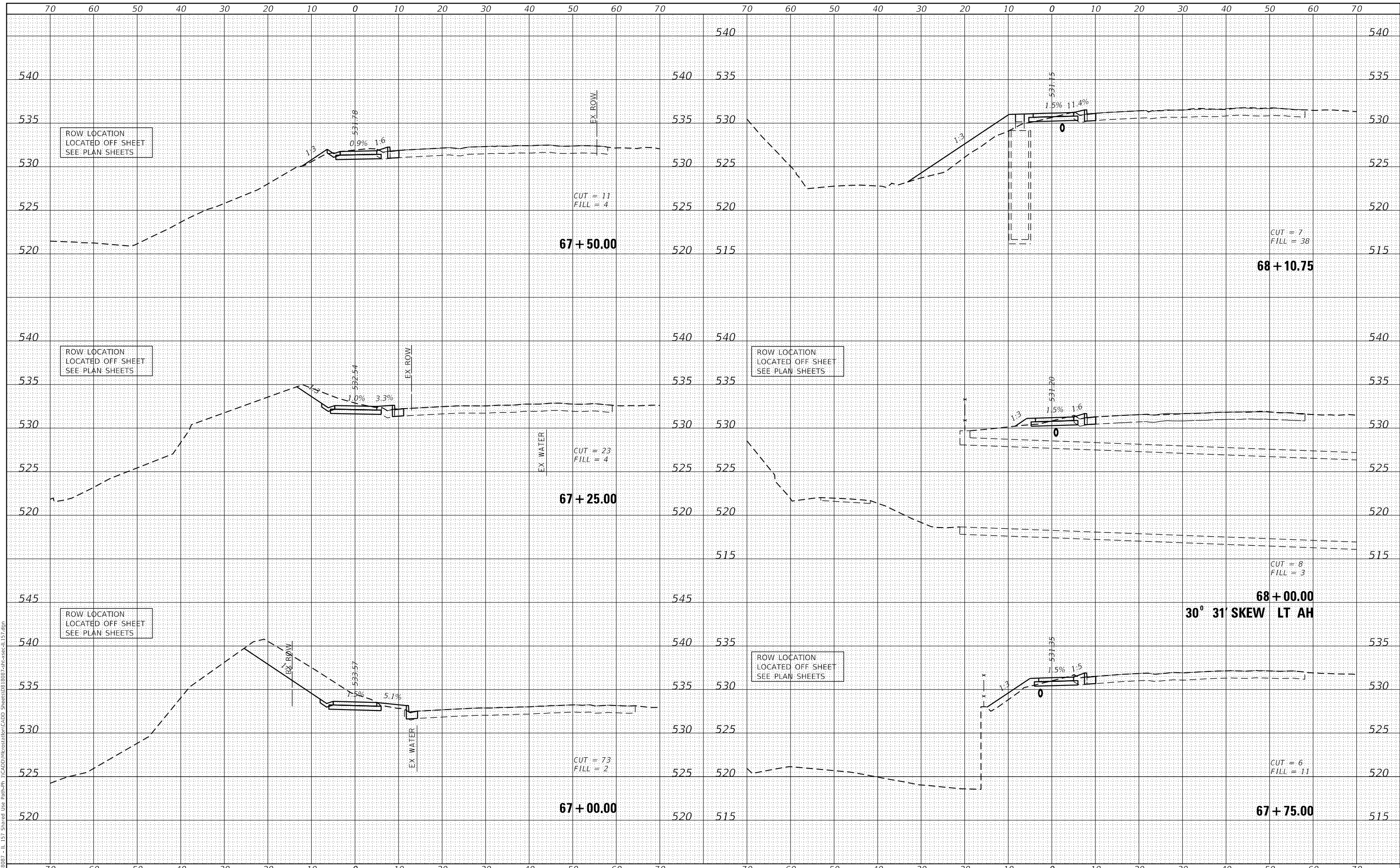
**CROSS SECTIONS**  
SCALE: 1"=10'  
SHEET 22 OF 27 SHEETS  
STA. 66+00.00 TO STA. 66+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	67
			CONTRACT NO. 97762	
		ILLINOIS FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

MODEL: Definit  
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USER NAME = b.hell	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/9/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10'	SHEET 23	OF 27 SHEETS	STA. 67+00.00	TO STA. 68+00.00
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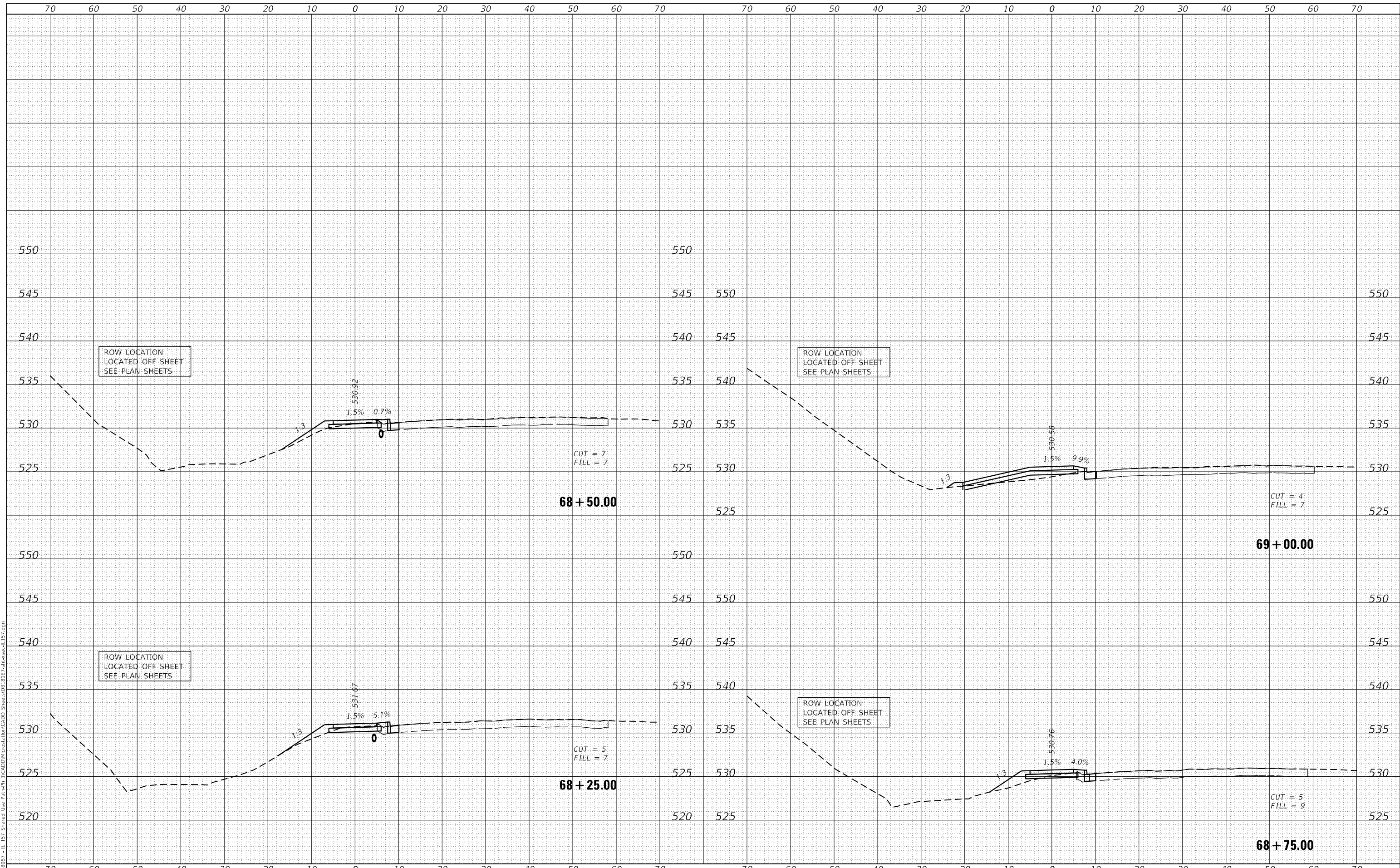
CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	68
CONTRACT NO. 97762			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Defaul  
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USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 20,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/9/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

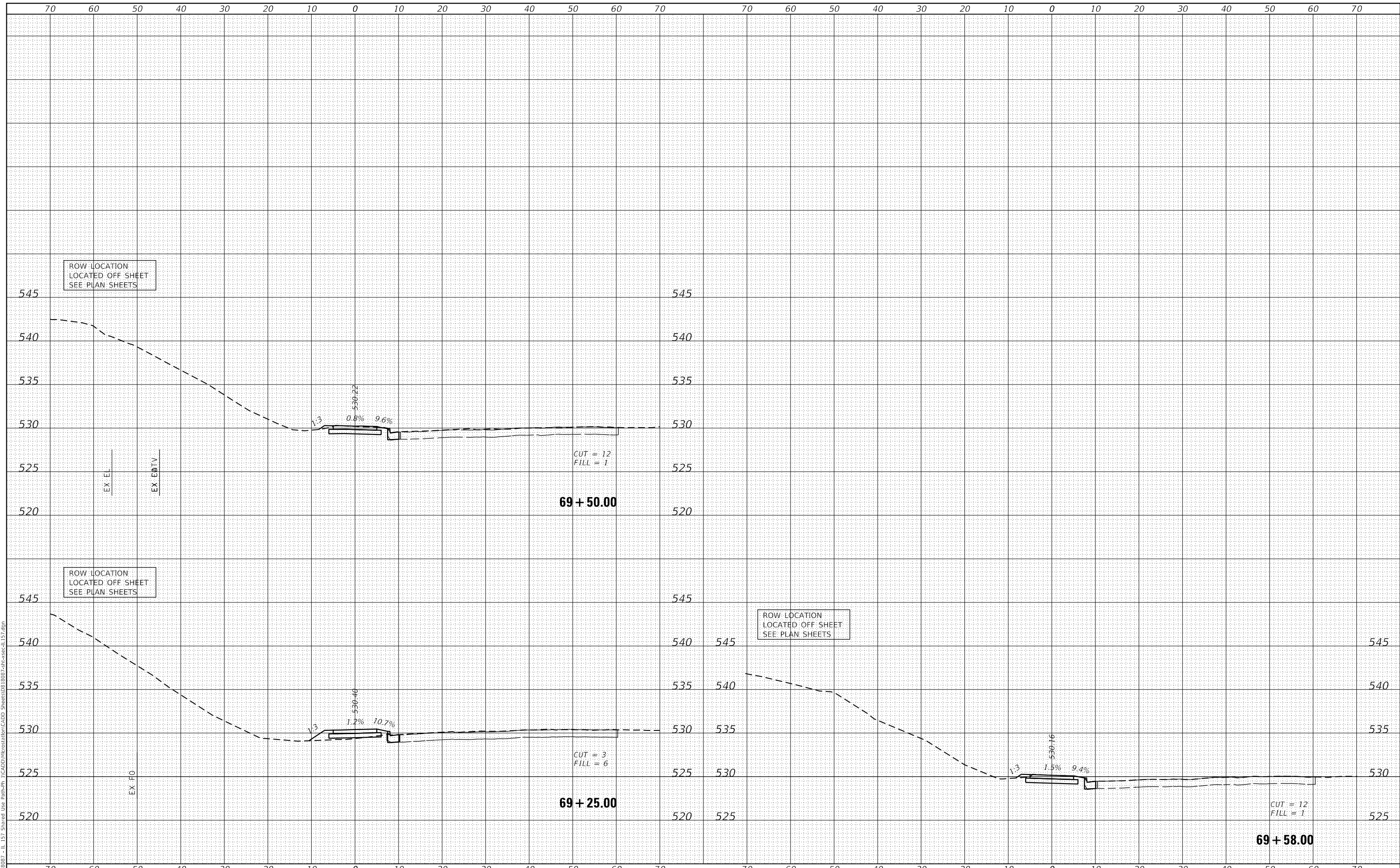
**CROSS SECTIONS**  
 SCALE: 1"=10' SHEET 24 OF 27 SHEETS STA. 68+25.00 TO STA. 69+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	69
			CONTRACT NO. 97762	
		ILLINOIS FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK NO.	
AREAS CHECKED	

DATE	
BY	
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PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK NO.	
AREAS CHECKED	

MODEL: Defaul  
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USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

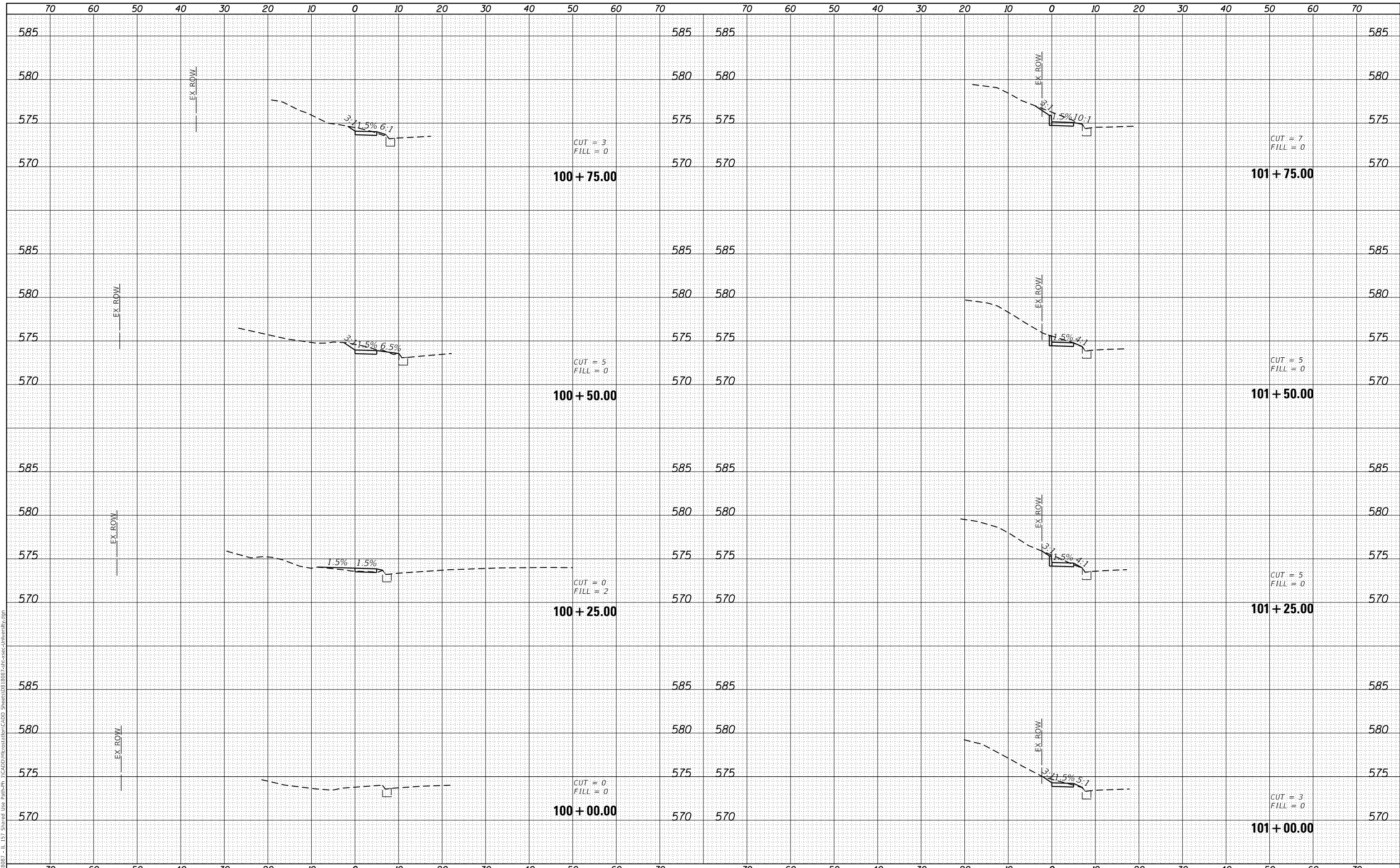
**CROSS SECTIONS**  
 SCALE: 1"=10' SHEET 25 OF 27 SHEETS STA. 69+25.00 TO STA. 69+58.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	70
			CONTRACT NO. 97762	
		ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Defn.dwg  
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USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/9/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 10'	SHEET 26	OF 27 SHEETS	STA. 100+00.00	TO STA. 101+75.00
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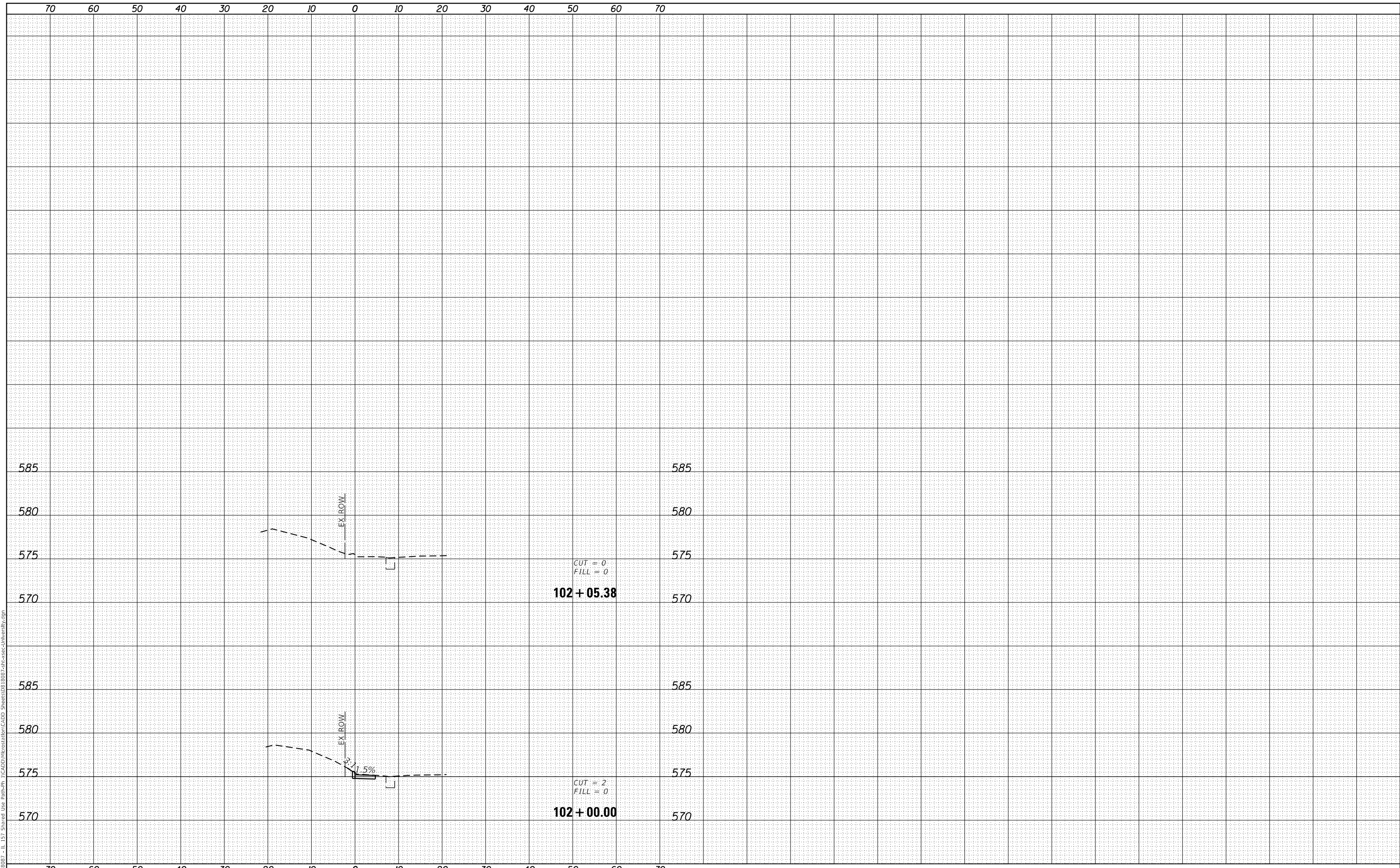
CROSS SECTIONS  
 UNIVERSITY DRIVE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	71
			CONTRACT NO. 97762	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

MODEL: Defn.dwg  
 FILE NAME: H:\18087 - IL 157 Shared Use Path.dgn  
 I:\CAD\MicroStation\CADD Sheets\18087-157-Use-University.dgn



**OATES ASSOCIATES**  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 UNIVERSITY DRIVE**

SCALE: 1" = 10'    SHEET 27 OF 27 SHEETS    STA. 102+00.00 TO STA. 102+05.38

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	18-00111-01-BT	MADISON	72	72
CONTRACT NO. 97762				
ILLINOIS FED. AID PROJECT				