

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	1
FEDERAL AID PROJECT		ILLINOIS	CONTRACT NO. 97830	

**INDEX OF SHEETS 03-08-2024 LETTING ITEM 103**

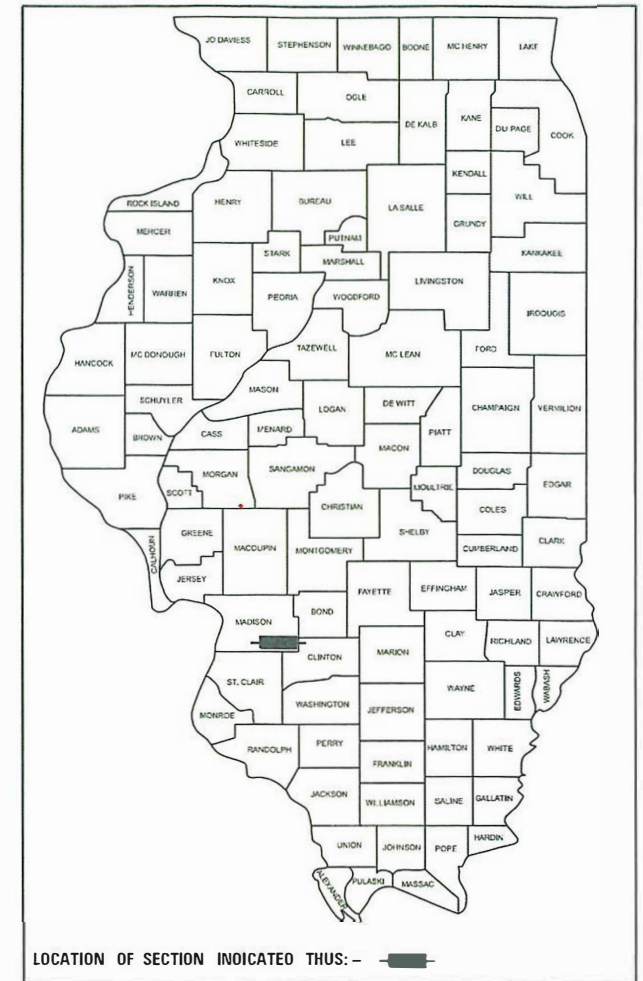
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**HIGHWAY STANDARDS**

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
420101-07	24' JOINTED PCC PAVEMENT
420111-04	PCC PAVEMENT ROUNDOUTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
601001-05	PIPE UNDERDRAINS
602006-04	INLET, TYPE B
602401-07	PRECAST MANHOLE, TYPE A, 4' DIAMETER
602402-03	PRECAST MANHOLE TYPE A, 5' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604006-05	FRAME AND GRATE, TYPE 3
604091-05	FRAME AND GRATE, TYPE 24
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR RURAL LOCAL HIGHWAYS (2L, 2W RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED

## CITY OF HIGHLAND SIXTH STREET RECONSTRUCTION FAU ROUTE 8842 MADISON COUNTY SECTION: 19-00061-01-PV, 20-00061-02-RS PROJECT NO.: 6YZU (675) JOB NO.: C-98-015-23

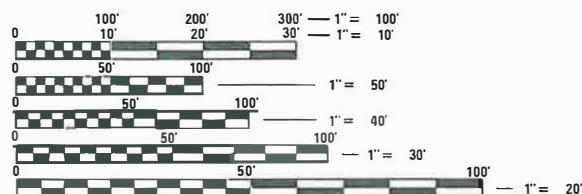


LOCATION OF SECTION INDICATED THUS: -



**BEGIN SECTION**  
STA. 101 + 73.97

**END SECTION**  
STA. 117 + 21.20



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 EXCAVATORS  
1-800-892-0123  
OR 811

**DESIGN DESIGNATION**

ROADWAY CLASSIFICATION = MAJOR COLLECTOR  
DESIGN SPEED = 30 MPH  
CURRENT ADT = 2,600  
DESIGN YEAR ADT (2043) = 3,200

GROSS LENGTH = 1547.23 FT. = 0.29 MILE  
NET LENGTH = 1547.23 FT. = 0.29 MILE



STEVEN M. KEIL, P.E.  
License Expires 11/30/24  
Date 12 / 27 / 2023

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED: JANUARY 4, 2024  
Dana B. Howard MAYOR

PASSED: 1-5-2024 DATE  
[Signature] DISTRICT & PROJECT IMPLEMENTATION ENGINEER  
DISTRICT LOCAL ROADS

RELEASING FOR BID  
BASED ON LIMITED REVIEW: 1-5-2024 DATE  
[Signature] DEPUTY OF HIGHWAYS REGION FIVE ENGINEER

**OATES ASSOCIATES**

Collinsville  
100 Lanier Court, Suite 1  
Collinsville, IL 62234  
618.345.2200

Belleville  
1 South Church, Suite 200  
Belleville, IL 62220  
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720 Olive, Suite 700  
St. Louis, MO 63101  
314.588.8381

St. Charles  
820 South Main, Suite 309  
St. Charles, MO 63301  
636.693.6277

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CONTRACT NO. 97830

GENERAL NOTES

UTILITIES

- ABOVE-GROUND UTILITY FACILITIES OR APPURTENANCES SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS TO PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 1.5 FEET, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. REFER TO THE "STATUS OF UTILITIES TO BE ADJUSTED" SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

CHARTER COMMUNICATIONS (COMMUNICATIONS)  
210 WEST DIVISION STREET  
MARYVILLE, IL 62062  
(618) 345-8121

FRONTIER COMMUNICATIONS (COMMUNICATIONS)  
111 EAST STATE STREET  
MASCOUTAH, IL 62258  
(888) 695-7208

CITY OF HIGHLAND (WATER, SEWER & ELECTRIC)  
1113 BROADWAY  
HIGHLAND, IL 62249  
(618) 654-6823

ILLINOIS AMERICAN WATER CO. (WATER)  
100 NORTH WATERWORKS DRIVE  
BELLEVILLE, IL 62223  
(618) 277-7450

AMEREN IP (GAS)  
2600 NORTH CENTER  
MARYVILLE, IL 62062  
(618) 346-1287

GENERAL

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE LOCAL POSTMASTER FOR APPROVAL OF ALL TEMPORARY MAILBOX LOCATIONS. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SERPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT ACCORDING TO ARTICLE 107.20 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- IN CASE OF CONFLICT BETWEEN THE CONSTRUCTION PLANS AND THE RIGHT OF WAY PLANS, THE RIGHT OF WAY PLANS SHALL TAKE PRECEDENCE IN MATTERS CONCERNING RIGHT OF WAY AND EASEMENTS. THE CONSTRUCTION PLANS SHALL TAKE PRECEDENCE IN MATTERS CONCERNING CONSTRUCTION ITEMS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. AGGREGATE FOR TEMPORARY ACCESS WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN THE CONTRACT. THE COST OF ALL OTHER MATERIALS REQUIRED AND ALL OTHER LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. FERTILIZER, SEEDING AND MULCH WITHIN THE CONSTRUCTION LIMITS WILL BE PAID FOR AS PROVIDED IN THE CONTRACT. FERTILIZER, SEEDING AND MULCH OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.

PAVING

- AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CONCRETE CURB AND GUTTER TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 10 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

DRAINAGE

- STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER WILL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLES 550.09 AND 550.10 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.
- STORM SEWERS AND CULVERTS MAY HAVE MINIMAL DEPTH BELOW THE MODIFIED SOIL LAYER. THE CONTRACTOR SHALL TAKE WHATEVER PRECAUTIONS ARE NECESSARY TO PROTECT THE PIPES FROM DAMAGE DURING THE SOIL MODIFICATION PROCESS. IN THE EVENT THAT PIPES ARE DAMAGED, THEY SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. ALL COSTS INCURRED TO REPAIR OR REPLACE DAMAGED PIPES SHALL BE AT THE CONTRACTOR'S EXPENSE.
- THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRATE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
- THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.

PAVEMENT MARKING

- THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.

APPROXIMATE QUANTITIES, SYMBOLS & ABBREVIATIONS

- THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SUMMARY OF QUANTITIES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

AGGREGATE FOR TEMPORARY ACCESS	100	TON
GRATES (SPECIAL)	5	EACH
TEMPORARY EROSION CONTROL SEEDING	45	POUNDS

- THE FOLLOWING SYMBOLS AND ABBREVIATIONS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ESMT	EASEMENT
ELEV	ELEVATION
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE PIPE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TUP	TEMPORARY USE PERMIT
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
TYP	TYPICAL
W	WIDTH

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PLOT SCALE	20,000' / in.	DRAWN -	REVISION -
PLOT DATE	12/22/2023	CHECKED -	REVISION -
		DATE -	REVISION -

**CITY OF HIGHLAND, ILLINOIS**

**GENERAL NOTES, UTILITIES, AND COMMITMENTS**

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-PV, 20-00061-RS	MADISON	48	2
CONTRACT NO. 97830				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	2870
20800150	TRENCH BACKFILL	CU YD	378
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2450
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	31
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	31
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	31
25200100	SODDING	SQ YD	2450
25200200	SUPPLEMENTAL WATERING	UNIT	110
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	45
28000500	INLET AND PIPE PROTECTION	EACH	25
28000510	INLET FILTERS	EACH	25
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	6201
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	1241
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	5028
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	426
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	7329
42400800	DETECTABLE WARNINGS	SQ FT	130
44000100	PAVEMENT REMOVAL	SQ YD	5722
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	207
44000300	CURB REMOVAL	FOOT	2050
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	269
44000600	SIDEWALK REMOVAL	SQ FT	7851
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	652
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	18
55100500	STORM SEWER REMOVAL 12"	FOOT	9
* 56100600	WATER MAIN 6"	FOOT	29
* 56100700	WATER MAIN 8"	FOOT	704

\*SPECIALTY ITEM

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**CITY OF HIGHLAND, ILLINOIS**

**SUMMARY OF QUANTITIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	3
CONTRACT NO. 97830				
ILLINOIS FED. AID PROJECT				



CODE NO.	ITEM	UNIT	TOTAL QUANTITY
* 56104900	WATER VALVES 6"	EACH	6
* 56105000	WATER VALVES 8"	EACH	8
* 56108900	TAPPING VALVES AND SLEEVES 8"	EACH	1
* 56109210	WATER VALVES TO BE ADJUSTED	EACH	9
* 56200700	WATER SERVICE LINE 2"	FOOT	144
* 56201160	WATER SERVICE LINE 6"	FOOT	240
* 56400825	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	1
60100905	PIPE DRAINS 4"	FOOT	258
60100915	PIPE DRAINS 6"	FOOT	104
60100925	PIPE DRAINS 8"	FOOT	354
60100935	PIPE DRAINS 10"	FOOT	380
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	3
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	13
60255500	MANHOLES TO BE ADJUSTED	EACH	14
60260100	INLETS TO BE ADJUSTED	EACH	2
60500060	REMOVING INLETS	EACH	4
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	373
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2769
67100100	MOBILIZATION	L SUM	1
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	350
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10
* 72000100	SIGN PANEL - TYPE 1	SQ FT	173

\*SPECIALTY ITEM

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CITY OF HIGHLAND, ILLINOIS

SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	4
CONTRACT NO. 97830				
ILLINOIS FED. AID PROJECT				



CODE NO.	ITEM	UNIT	TOTAL QUANTITY
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	17
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	111
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	517
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	3094
* X5610700	WATER MAIN REMOVAL	FOOT	68
* X5630405	REMOVE EXISTING WATER VALVE	EACH	7
X6040171	GRATES (SPECIAL)	EACH	5
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
Z0012450	CONCRETE STEPS	CU YD	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0018911	DRILL AND GROUT #6 TIE BARS	EACH	25
# Z0076600	TRAINEES	HOUR	1500
Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	500
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1500

\*SPECIALTY ITEM

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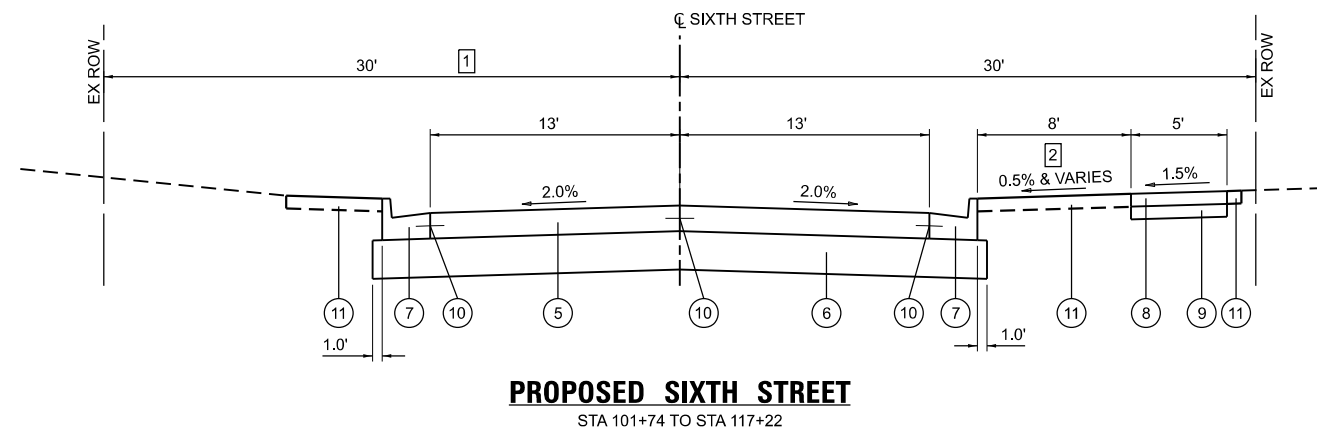
**CITY OF HIGHLAND, ILLINOIS**

**SUMMARY OF QUANTITIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	5
CONTRACT NO. 97830			ILLINOIS FED. AID PROJECT	





**LEGEND**

- 1 EX HMA (3"), PCC PAVEMENT (6")
- 2 EX BARRIER CURB
- 3 EX PCC SIDEWALK, 4"
- 4 EX HMA PAVED SHOULDED
- 5 PR PCC PAVEMENT, 8" (JOINTED)
- 6 PR SUBBASE GRANULAR MATERIAL TYPE A, 12"
- 7 PR CONCRETE CURB AND GUTTER, TYPE B-6.24
- 8 PR PCC SIDEWALK, 4"
- 9 PR AGG BASE COURSE TYPE A, 4"
- 10 PR SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT, SEE HIGHWAY STANDARD 420001
- 11 TOPSOIL FURNISH AND PLACE, 4"

**NOTES**

- 1 ROW IS 55' STA 105+20 TO STA 111+96. SEE EXISTING TYPICAL SECTION.
- 2 SEE CROSS SECTIONS FOR SLOPES

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**CITY OF HIGHLAND, ILLINOIS**

**TYPICAL SECTIONS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	7
CONTRACT NO.			97830	
ILLINOIS		FED. AID PROJECT		

Long Section Number





**STORM SEWER**

STATION	OFFSET	STATION	OFFSET	TRENCH BACKFILL	INLET & PIPE PROTECT	INLET FILTERS	STORM SEW CL A 1 12	STORM SEW CL A 1 18	STORM SEWER REM 12	MAN TA 4 DIA T3F&G	MAN TA 4 DIA T24F&G	MAN TA 5 DIA T24F&G	INLETS TB T3F&G	INLETS TB T24F&G	REMOV INLETS	SS 1 WAT MN 12
				(CU YD)	(EACH)	(EACH)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(FOOT)
103+60	LT	104+85	LT	8	1	1	125		9					1	3	
104+25	RT	105+20	RT	6	1	1								1		95
104+85	LT	104+93	LT	3	1	1		18				1				
104+85	LT	105+55	LT	9	1	1	70							1		
105+20	RT	106+73	RT	20	1	1								1		153
106+73	LT	106+73	CL	3	1	1	17			1						
106+73	RT	106+73	CL	2	1	1	12			1						
106+73	LT	106+83	LT	1	1	1	10									
106+73	RT	106+83	RT	2	1	1							1		1	
108+70	LT	109+72	LT	18	1	1								1		102
108+70	RT	109+72	RT	20	1	1								1		102
109+72	LT	109+72	CL	3	1	1	16									
109+72	RT	109+72	CL	3	1	1	12			1						
111+13	LT	111+51	LT	8	1	1								1		38
111+51	LT	111+51	CL	4	1	1	15			1						
111+51	RT	111+51	CL	3	1	1	13							1		
112+25	LT	113+22	LT	13	1	1	97							1		
112+45	RT	113+22	RT	10	1	1	77							1		
113+22	LT	113+22	CL	2	1	1	14			1						
113+22	RT	113+22	CL	2	1	1	14			1						
114+74	LT	114+74	CL	5	1	1	20							1		
114+74	RT	114+74	CL	2	1	1	9									
114+74	RT	115+25	RT	10	1	1	51			1						
115+25	RT	115+85	RT	9	1	1	42						1			
115+85	RT	116+10	LT	5	1	1	38							1		
<b>TOTAL</b>				<b>171</b>	<b>25</b>	<b>25</b>	<b>652</b>	<b>18</b>	<b>9</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>3</b>	<b>13</b>	<b>4</b>	<b>500</b>

**PIPE DRAINS**

STATION	STATION	OFFSET	PIPE DRAINS 4	PIPE DRAINS 6	PIPE DRAINS 8	PIPE DRAINS 10
			(FOOT)	(FOOT)	(FOOT)	(FOOT)
101+84	103+60	LT	25			178
103+89	104+85	LT	16			100
105+41	105+55	LT		17		
105+69	106+76	LT		30		110
106+83	108+06	LT		15		130
108+70	108+70	LT	11			
108+97	109+73	LT	21			76
109+78	111+13	LT		42		140
111+43	111+51	LT	13			
111+51	111+70	LT	22			
101+74	117+21	LT	150			
<b>TOTAL</b>			<b>258</b>	<b>104</b>	<b>354</b>	<b>380</b>

NOTES:  
1. 150 FEET OF PIPE DRAINS 4" ADDED TO PROJECT LENGTH FOR APPROXIMATE UNKNOWN PIPE DRAIN AREAS

**CURB & GUTTER**

STATION	STATION	OFFSET	CURB REM	COMB CURB GUTTER REM	COMB CC&G TB6.12	COMB CC&G TB6.24
			(FOOT)	(FOOT)	(FOOT)	(FOOT)
101+62	105+06	LT		27		366
101+74	104+59	RT	215	17	55	251
104+83	108+15	RT	153	25	97	274
105+35	115+16	LT	847	49		1,008
108+47	111+81	RT	280	50	101	276
112+05	115+46	RT	296	34	88	293
115+65	117+34	RT	155	19	32	150
115+84	117+32	LT	104	48		151
<b>TOTAL</b>			<b>2,050</b>	<b>269</b>	<b>373</b>	<b>2,769</b>

CURB & GUTTER NOTES:  
1. THE TRANSITION FROM TYPE B-6.24 CC&G TO TYPE B-6.12 CC&G SHALL BE MEASURED FOR PAYMENT AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24.

**SPECIAL WASTE**

STATION	STATION	OFFSET	NON SPL WASTE DISPOS	SOIL DISPOSAL ANALY	REG SUB MON
			(CU YD)	(EACH)	(CAL DA)
101+74	105+00	LT	350	1	10
<b>TOTAL</b>			<b>350</b>	<b>1</b>	<b>10</b>

**SIDEWALK**

STATION	STATION	OFFSET	AGG BSE CSE A 4	PC CONC SIDEWALK 4	DETECTABLE WARNINGS	SIDEWALK REM	CONCRETE STEPS
			(SQ YD)	(SQ FT)	(SQ FT)	(SQ FT)	(CU YD)
101+74	104+52	RT	138	1240	14	1535	
104+90	108+13	RT	157	1410	36	1731	
108+50	111+74	RT	166	1492	24	1668	
112+10	115+44	RT	182	1642	23	1902	
115+67	117+21	RT	87	786	10	839	
104+55	105+05	LT	73	658			
105+35	105+40	LT	6	50	23	103	
114+20	114+20	LT	2	18		25	
114+40	114+40	LT	1	9		17	
116+52	116+52	LT	3	24		33	1
<b>TOTAL</b>			<b>815</b>	<b>7329</b>	<b>130</b>	<b>7851</b>	<b>1</b>

**PAVEMENT**

STATION	STATION	OFFSET	SUB GRAN MAT A 12	PCC PVT 8 JOINTED	PAVEMENT REM	DRILL-GROUT #6 T-BAR
			(SQ YD)	(SQ YD)	(SQ YD)	(EACH)
101+74	117+21	LT/RT	5,674	4,480	5,722	
104+25	105+17	RT	139	144		
104+88	105+52	LT	70	72		
107+91	108+71	RT	120	127		
111+47	112+34	RT	144	146		
115+26	115+84	RT	54	59		25
<b>TOTAL</b>			<b>6,201</b>	<b>5,028</b>	<b>5,722</b>	<b>25</b>

**WATER LINE**

STATION	STATION	OFFSET	TRENCH BACKFILL	WATER MAIN 6	WATER MAIN 8	WATER VALVES 6	WATER VALVES 8	TAP VALVE & SLEEVE 8	WATER SERV LINE 2	WATER SERV LINE 6	FIRE HYD W/A V VB & T	WATER MAIN REMOV	REM EX WATER VALVE
			(CU YD)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(FOOT)	(FOOT)	(EACH)	(FOOT)	(EACH)
101+80	108+32	RT	105	23	704								
101+80		RT/CL	10				3	1					
102+42		RT/LT	14			1				49			1
102+50		RT/LT	14			1				49			
102+85		RT/LT	15			1				49			
103+50		RT/LT							51				
103+57		RT/LT	15			1				51			1
104+64		RT	11				3					27	1
104+75		RT/LT							50				
105+47		LT											1
107+68		RT/LT	14			1				42			
108+15		RT/LT							43				1
108+23		RT	9			1	2				1	24	2
108+32		RT											
108+32	108+40	RT		6								17	
108+40		RT											
<b>TOTAL</b>			<b>207</b>	<b>29</b>	<b>704</b>	<b>6</b>	<b>8</b>	<b>1</b>	<b>144</b>	<b>240</b>	<b>1</b>	<b>68</b>	<b>7</b>

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CHECKED -  
DATE -

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REVISOR -  
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REVISOR -

**CITY OF HIGHLAND, ILLINOIS**

**SCHEDULES**

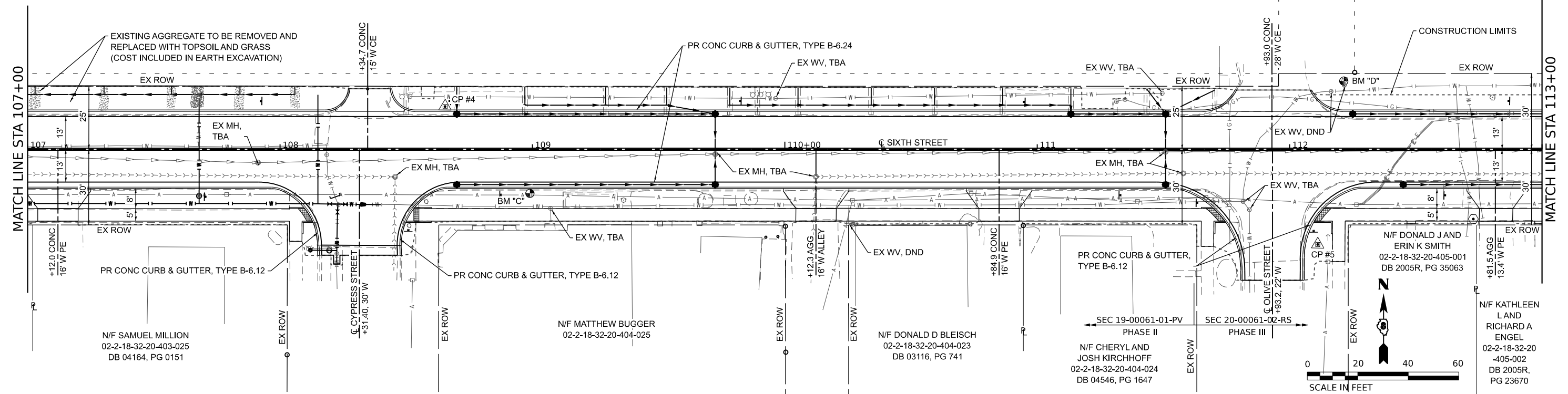
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	9
CONTRACT NO. 97830				
ILLINOIS FED. AID PROJECT				





N/F NULL ROCKTENN  
02-2-18-32-20-401-005



545	CP #4 - IRON BAR WITH CAP STA. 108+65.36, 16.94' LT ELEV = 533.25 N: 756,997.2929 E: 2,436,906.4540		BENCHMARK "C" RR SPIKE IN P POLE STA. 108+98.97, 17.49 RT ELEV = 534.71		CP #5 - IRON BAR WITH CAP STA. 112+11.12 ELEV = 531.22 N: 756,948.4454 E: 2,437,253.0872		BENCHMARK "D" CHISELED "X" ON FIRE HYDRANT BOLT STA. 112+21.44, 27.06 LT ELEV = 533.09		545
540	VPI: 107+25.00 EL: 532.42		VPI: 108+00.00 EL: 532.85		VPI: 108+50.00 EL: 532.63		VPI: 112+25.00 EL: 531.75		540
535	VPC: 107+50.00 EL: 532.70		VPC: 108+50.00 EL: 532.76		VPC: 109+50.00 EL: 532.43		VPC: 112+50.00 EL: 531.06		535
530	+0.30%		-0.45%						530
525	L = 110.00' K = 164.18		L = 100.00' K = 133.93						525
520									520
515									515
510									510

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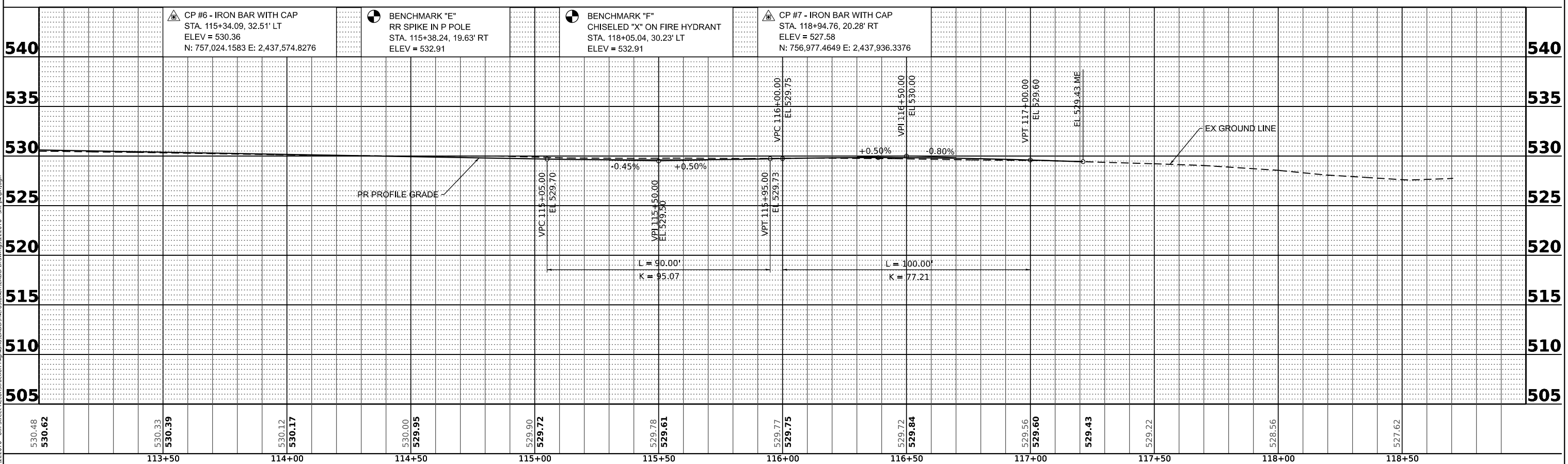
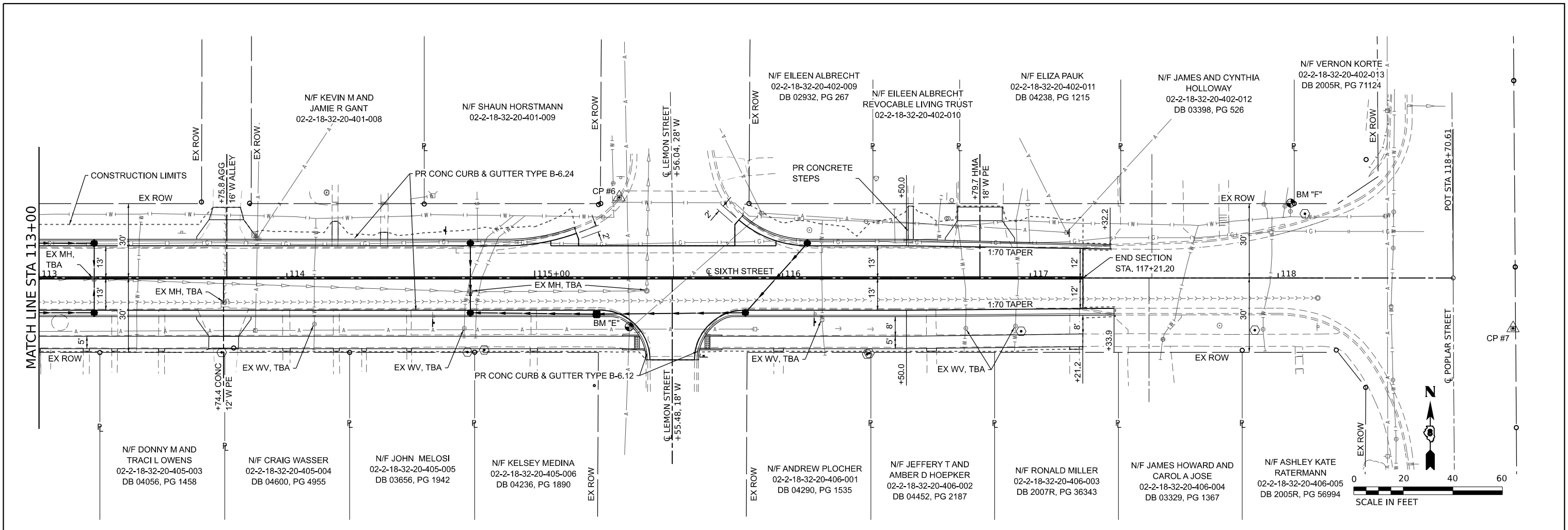
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CITY OF HIGHLAND, ILLINOIS

PLAN & PROFILE SHEETS

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 107+00 TO STA. 113+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	11
CONTRACT NO.			97830	
ILLINOIS FED. AID PROJECT				



530.48 <b>530.62</b>	530.33 <b>530.39</b>	530.12 <b>530.17</b>	530.00 <b>529.95</b>	529.90 <b>529.72</b>	529.78 <b>529.61</b>	529.77 <b>529.75</b>	529.72 <b>529.84</b>	529.56 <b>529.60</b>	529.43	529.22	528.56	527.62
113+50	114+00	114+50	115+00	115+50	116+00	116+50	117+00	117+50	118+00	118+50		

**OATES ASSOCIATES**  
 USER NAME = zachary\_hresko  
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 DATE -  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

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

**CITY OF HIGHLAND, ILLINOIS**

**PLAN & PROFILE SHEETS**  
 SCALE: 1" = 20'  
 SHEET 3 OF 3 SHEETS  
 STA. 113+00 TO STA. 119+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	12
CONTRACT NO.			97830	
ILLINOIS		FED. AID PROJECT		

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**TRAFFIC CONTROL – STAGE 1**

1. CLOSE ROAD FOR STAGE 1 BY INSTALLING TRAFFIC CONTROL ACCORDING TO HIGHWAY STANDARD B.L.R. 21.
2. CONSTRUCT PROPOSED STORM SEWER & INLETS FOR STAGE 1.
3. CONSTRUCT PROPOSED CURB & GUTTER, PAVEMENT, & SIDEWALK FOR STAGE 1.

**TRAFFIC CONTROL – STAGE 2**

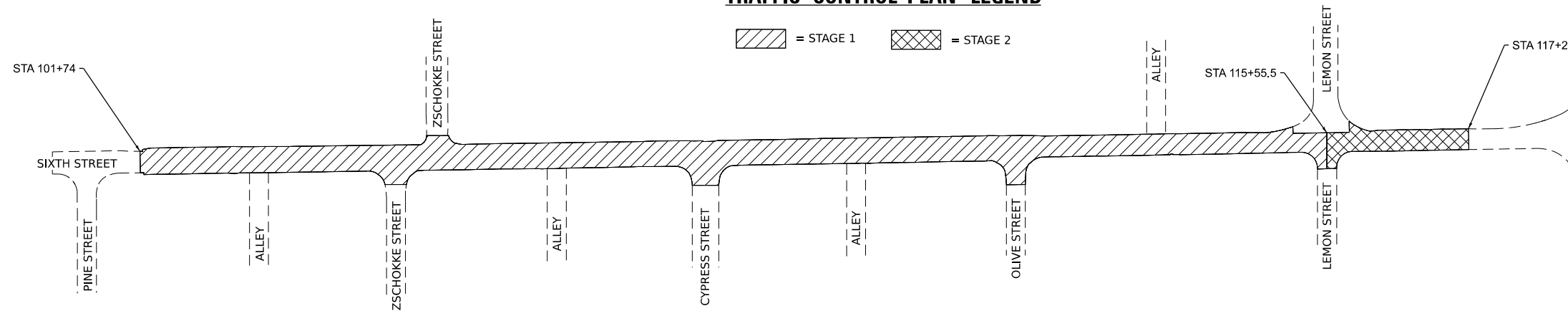
1. CLOSE ROAD FOR STAGE 2 BY INSTALLING TRAFFIC CONTROL ACCORDING TO HIGHWAY STANDARD B.L.R. 21.
2. CONSTRUCT PROPOSED STORM SEWER & INLETS FOR STAGE 2.
3. CONSTRUCT PROPOSED CURB & GUTTER, PAVEMENT, & SIDEWALK FOR STAGE 2.

**TRAFFIC CONTROL NOTES**

1. ALL TRAFFIC CONTROL SIGNS, BARRICADES, AND MAINTENANCE TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL)
2. ACCESS TO WAREHOUSE FROM LEMON STREET SHALL BE MAINTAINED DURING STAGE 1 AND STAGE 2 OF CONSTRUCTION.
3. THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT CONSTRUCTION.
4. TYPE III BARRICADES SHALL BE PLACED AT BOTH ENDS OF THE ROADWAY STAGED CONSTRUCTION AND SIDE STREETS, ACCORDING TO THE HIGHWAY STANDARDS AND AS DIRECTED BY THE ENGINEER.
5. BARRICADES AND SIGNS SHALL BE POSITIONED, ACCORDING TO HIGHWAY STANDARDS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
6. THE EXACT LOCATION OF THE BARRICADES AND SIGN SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR TWO WORKING DAYS IN ADVANCE OF CONSTRUCTION OPERATIONS FOR APPROVAL BY THE ENGINEER.
7. ALL PROPERTY OWNERS AND BUSINESS OWNERS FRONTING THE PROJECT SHALL BE NOTIFIED OF THE WORK AT LEAST 48 HOURS PRIOR TO CONSTRUCTION OPERATIONS.
8. ROAD CLOSED AHEAD SIGN WITH APPROPRIATE DIRECTION ARROWS WILL BE REQUIRED ON ALL ADJACENT SIDE STREETS AND ALLEYS AS DIRECTED BY THE ENGINEER.

**TRAFFIC CONTROL PLAN LEGEND**

▨ = STAGE 1    ▩ = STAGE 2



MODEL: Traffic Control Plan (Sheet)  
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 OATES ASSOCIATES  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



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	DATE -	REVISED -

**CITY OF HIGHLAND, ILLINOIS**

**TRAFFIC CONTROL PLANS**

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	13
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 97830

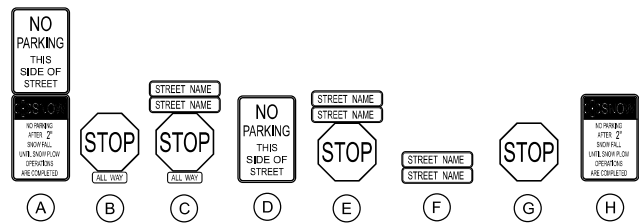


**EROSION CONTROL LEGEND**

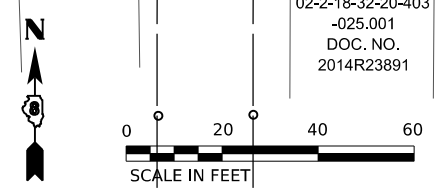
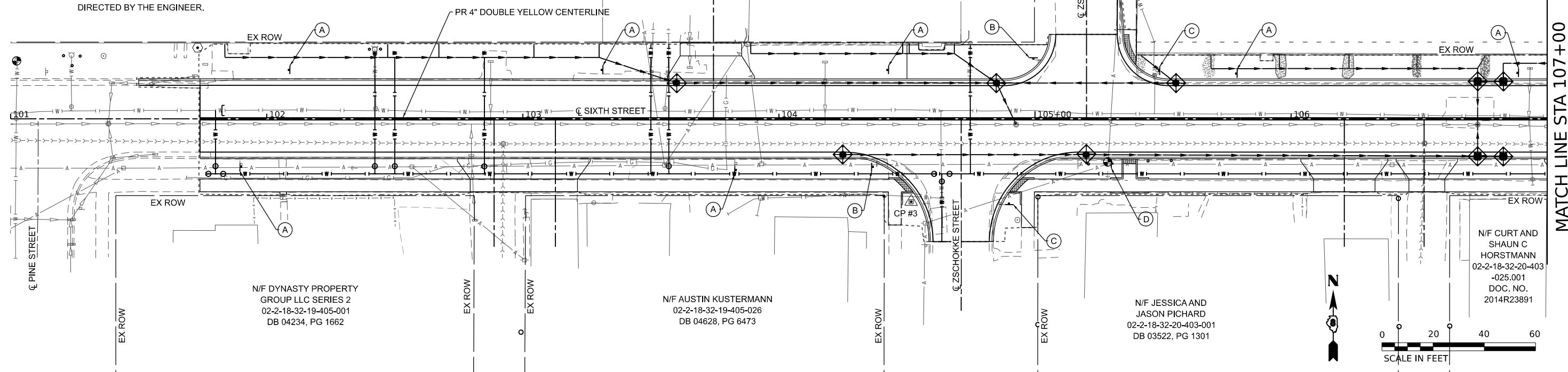


NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.

N/F WALNUT GROVE LLC  
02-2-18-32-19-402-011  
DB 02339, PG 475

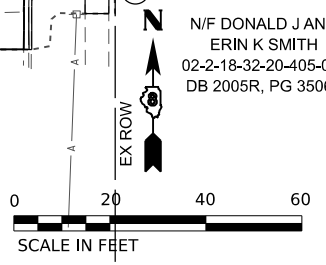
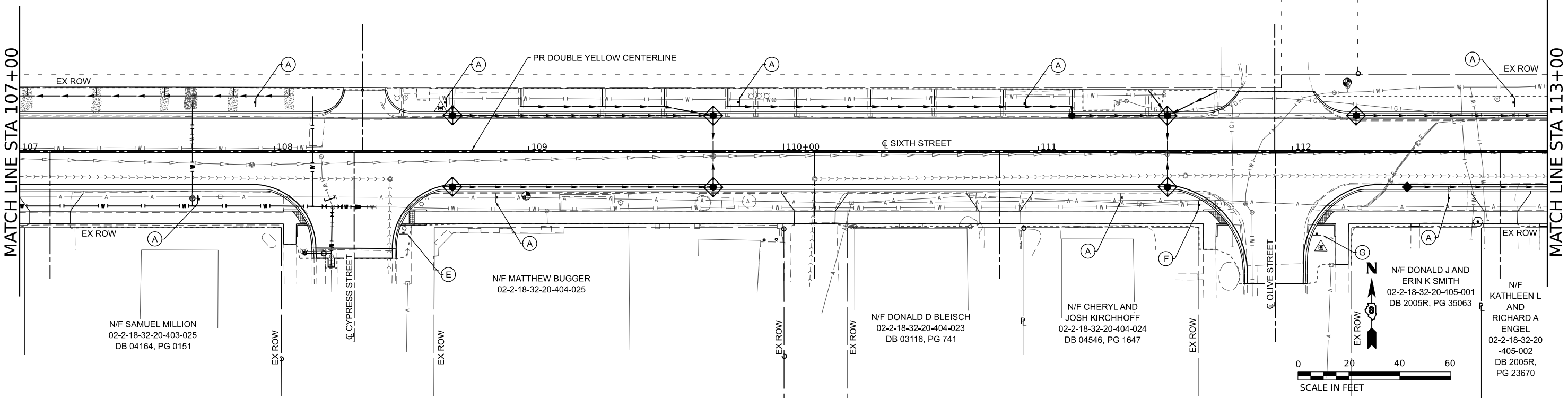


N/F NULL ROCKTENN  
02-2-18-32-20-401-005



MATCH LINE STA 107+00

N/F NULL ROCKTENN  
02-2-18-32-20-401-005



MATCH LINE STA 113+00

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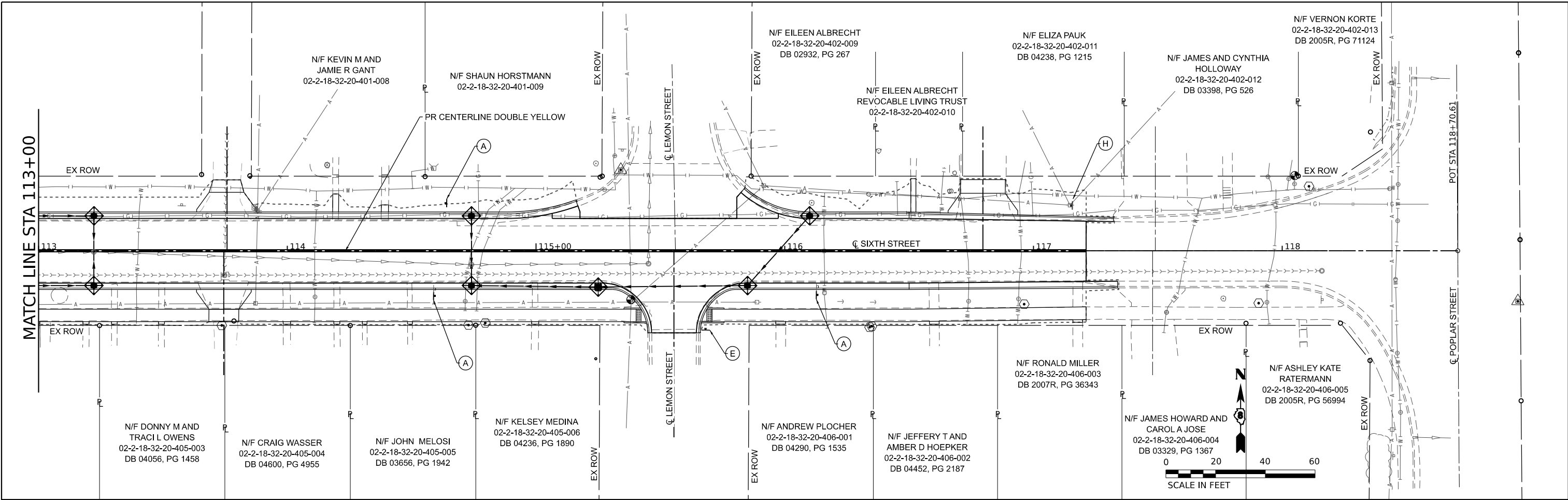
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	DATE -	REVISED -

CITY OF HIGHLAND, ILLINOIS

**EROSION CONTROL, PAVEMENT MARKING AND SIGNING SHEETS**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 101+00 TO STA. 113+00

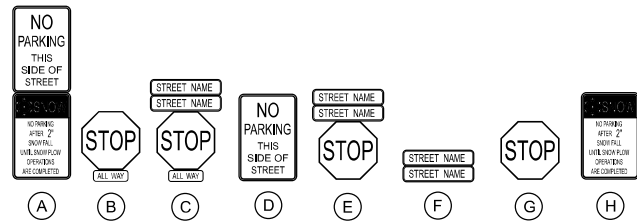
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	14
CONTRACT NO. 97830				
ILLINOIS FED. AID PROJECT				



**EROSION CONTROL LEGEND**

 INLET AND PIPE PROTECTION

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.



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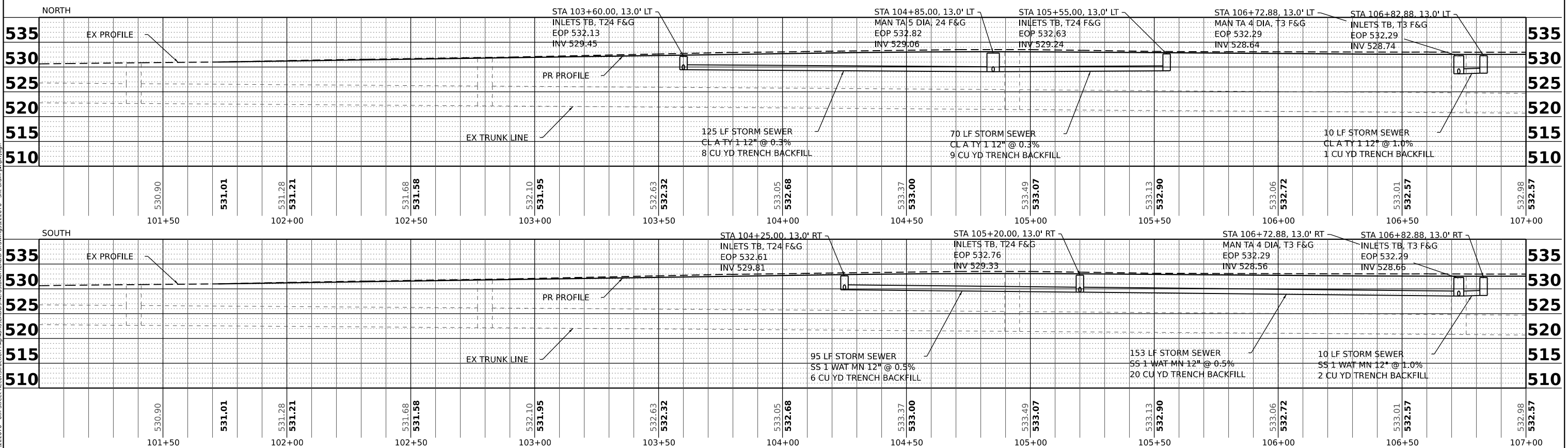
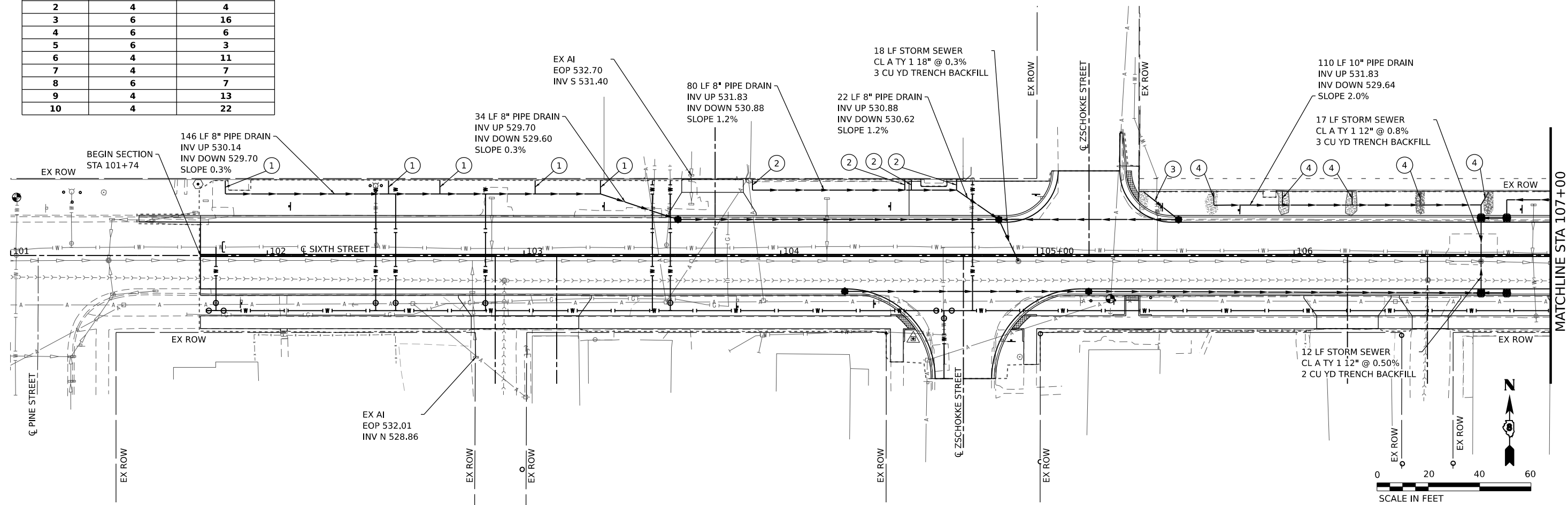
**CITY OF HIGHLAND, ILLINOIS**

**EROSION CONTROL, PAVEMENT MARKING, AND SIGNING SHEETS**

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 113+00 TO STA. 118+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	15
CONTRACT NO. 97830				
ILLINOIS FED. AID PROJECT				

CALLOUT	PIPE DRAIN (IN.)	LENGTH (FT)
1	4	5
2	4	4
3	6	16
4	6	6
5	6	3
6	4	11
7	4	7
8	6	7
9	4	13
10	4	22



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	DATE -	REVISED -

CITY OF HIGHLAND, ILLINOIS

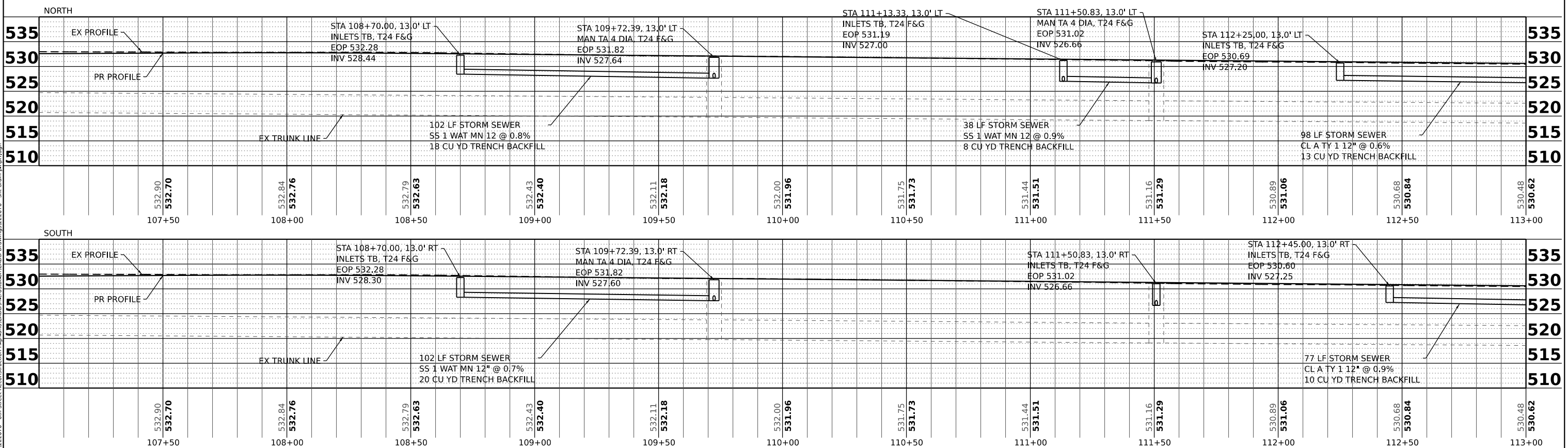
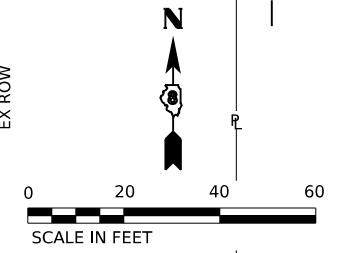
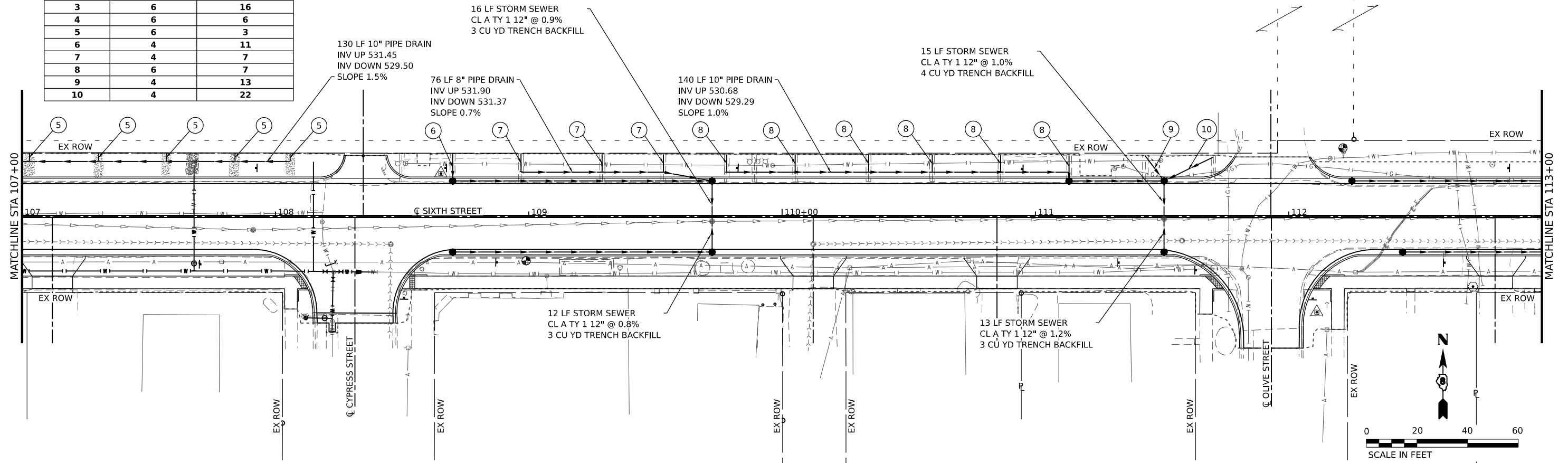
DRAINAGE PLAN AND PROFILE SHEETS

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F.A. U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	16
CONTRACT NO.			97830	
ILLINOIS FED. AID PROJECT				



CALLOUT	PIPE DRAIN (IN.)	LENGTH (FT)
1	4	5
2	4	4
3	6	16
4	6	6
5	6	3
6	4	11
7	4	7
8	6	7
9	4	13
10	4	22



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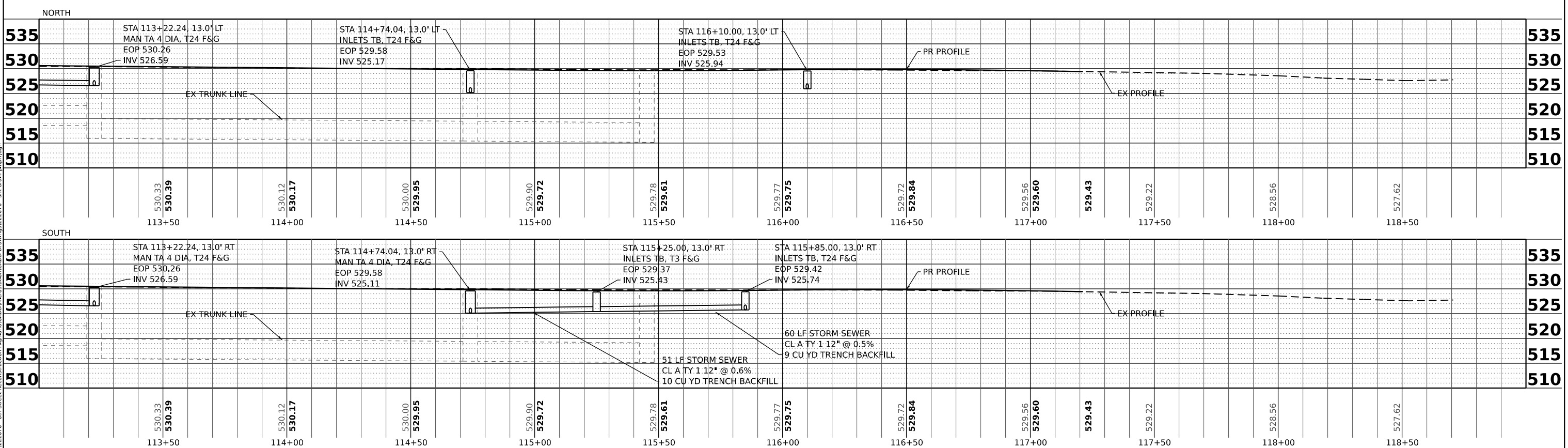
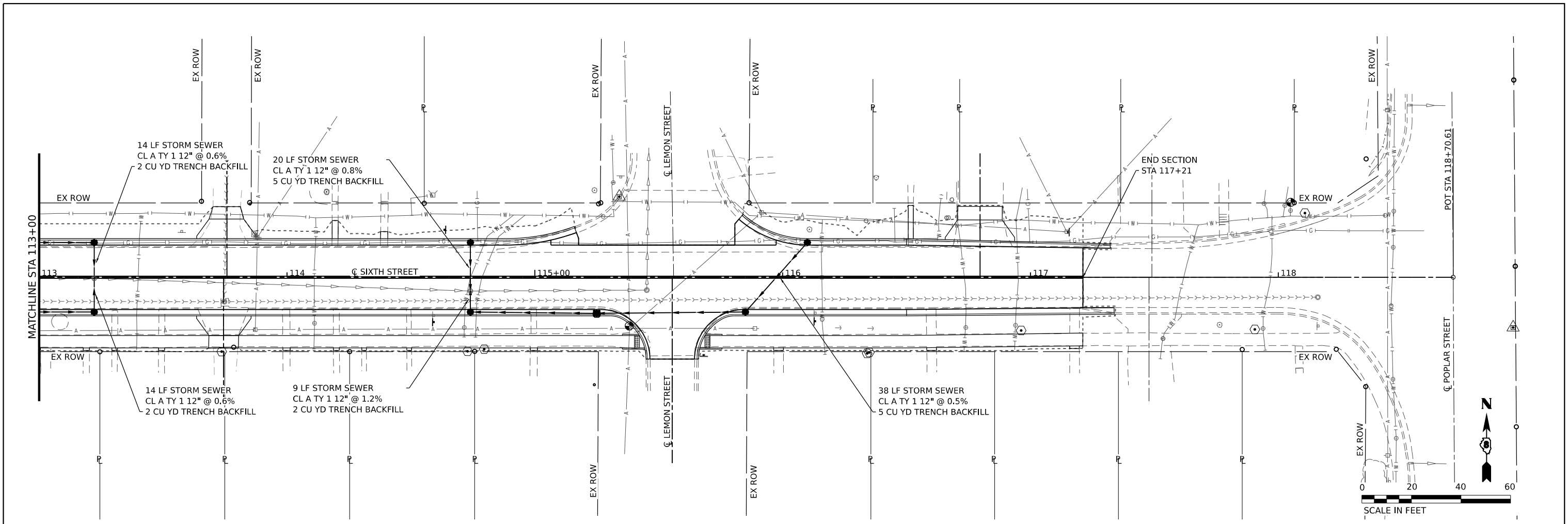
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CITY OF HIGHLAND, ILLINOIS

DRAINAGE PLAN & PROFILE SHEETS

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 107+00 TO STA. 113+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			97830	
ILLINOIS FED. AID PROJECT				



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**CITY OF HIGHLAND, ILLINOIS**

**DRAINAGE PLAN & PROFILE SHEETS**

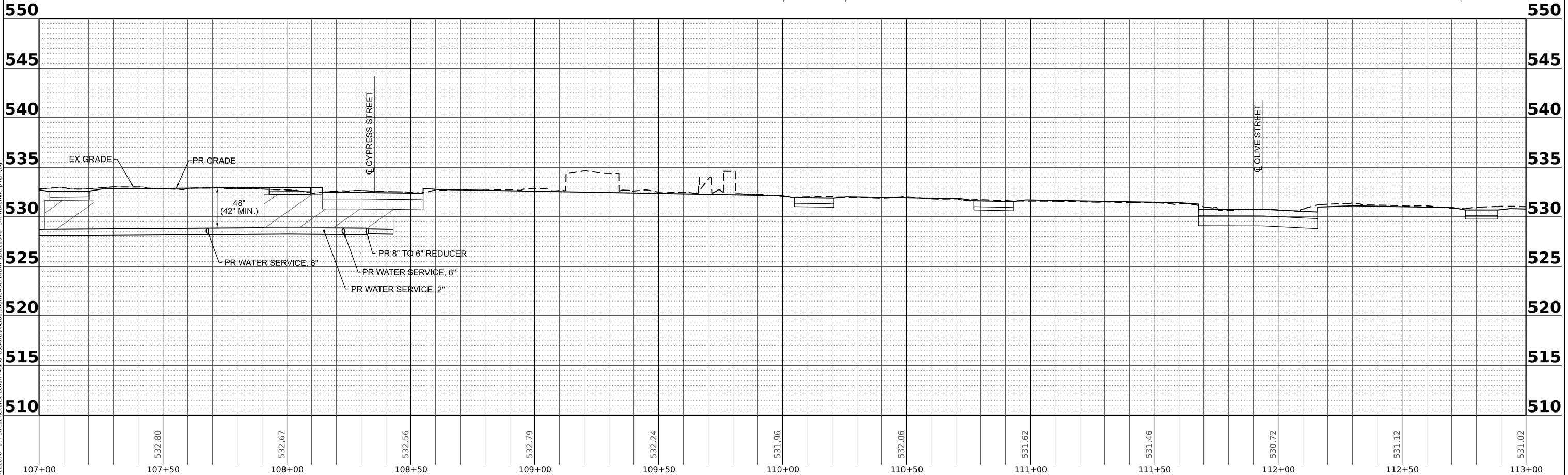
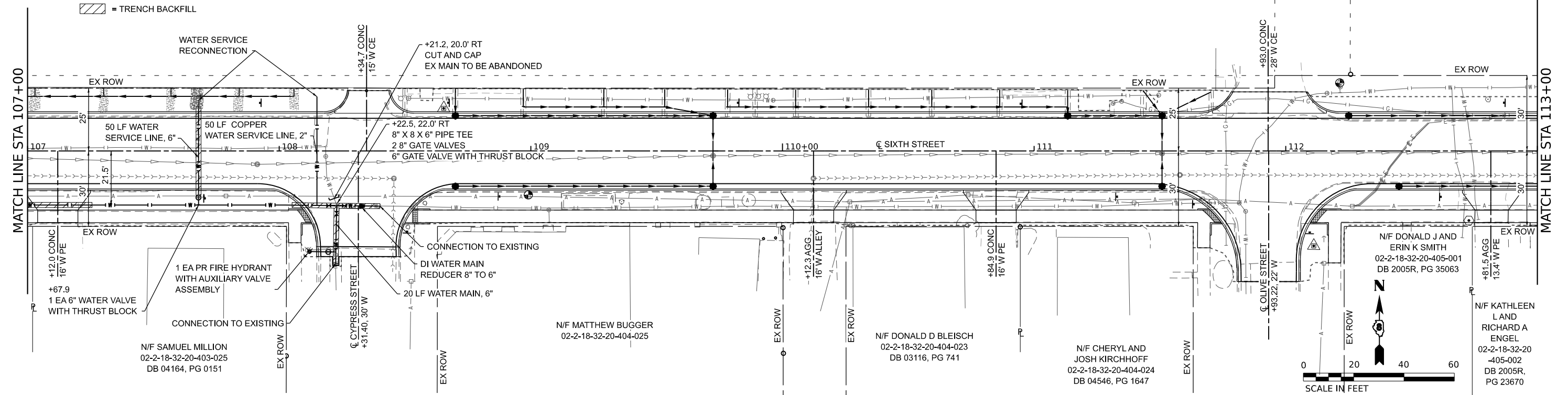
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	18
CONTRACT NO. 97830			ILLINOIS FED. AID PROJECT	



N/F NULL ROCKTENN  
02-2-18-32-20-401-005

▨ = TRENCH BACKFILL



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107+00	107+50	108+00	108+50	109+00	109+50	110+00	110+50	111+00	111+50	112+00	112+50	113+00
532.80	532.67	532.56	532.79	532.24	531.96	532.06	531.62	531.46	530.72	531.12	531.02	

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

USER NAME = zachary_hresko	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 2/1/2024	CHECKED -	REVISED -
	DATE -	REVISED -







**CITY OF HIGHLAND, ILLINOIS**

**WATER LINE  
PLAN & PROFILE SHEETS**

SCALE: 1" = 20'    SHEET 2 OF 2 SHEETS    STA. 107+00 TO STA. 113+00

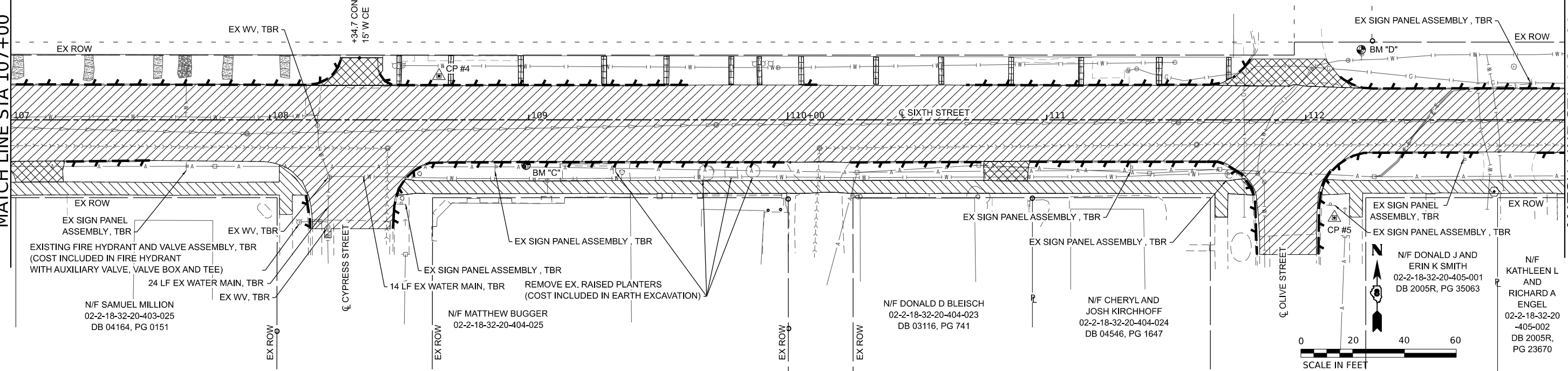
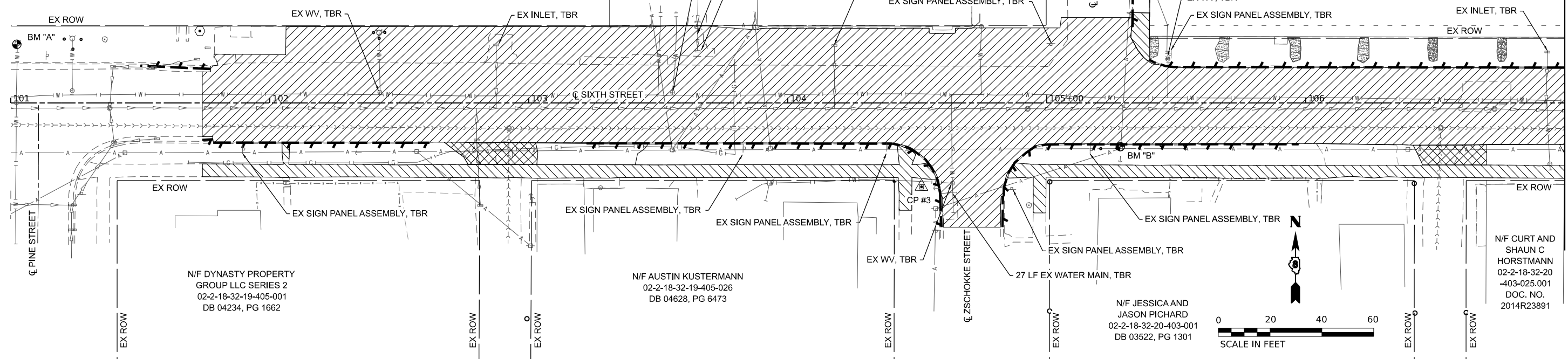
F.A.U. RTE. 8842	SECTION 19-00061-01-PV, 20-00061-02-RS	COUNTY MADISON	TOTAL SHEETS 48	SHEET NO. 20
CONTRACT NO. 97830			ILLINOIS FED. AID PROJECT	

**REMOVAL LEGEND**

-  ENTRANCE REMOVAL
-  SIDEWALK REMOVAL
-  GUTTER REMOVAL
-  CURB AND GUTTER REMOVAL
-  PAVEMENT REMOVAL
-  RIP RAP REMOVAL (COST INCLUDED IN EARTH EXCAVATION)

N/F WALNUT GROVE LLC  
02-2-18-32-19-402-011  
DB 02339, PG 475

N/F NULL ROCKTEEN  
02-2-18-32-20-401-005



MODEL: PR\_Slct\_Plan\_1 (Sheet)  
FILE NAME: H:\P\222070 - 6th Street Reconstruction - High\HandCAD\DWG\Drawings\222070 - sbrrem.dwg



USER NAME = zachary.hresko  
PLOT SCALE = 0.16666633 ' / in.  
PLOT DATE = 2/1/2024

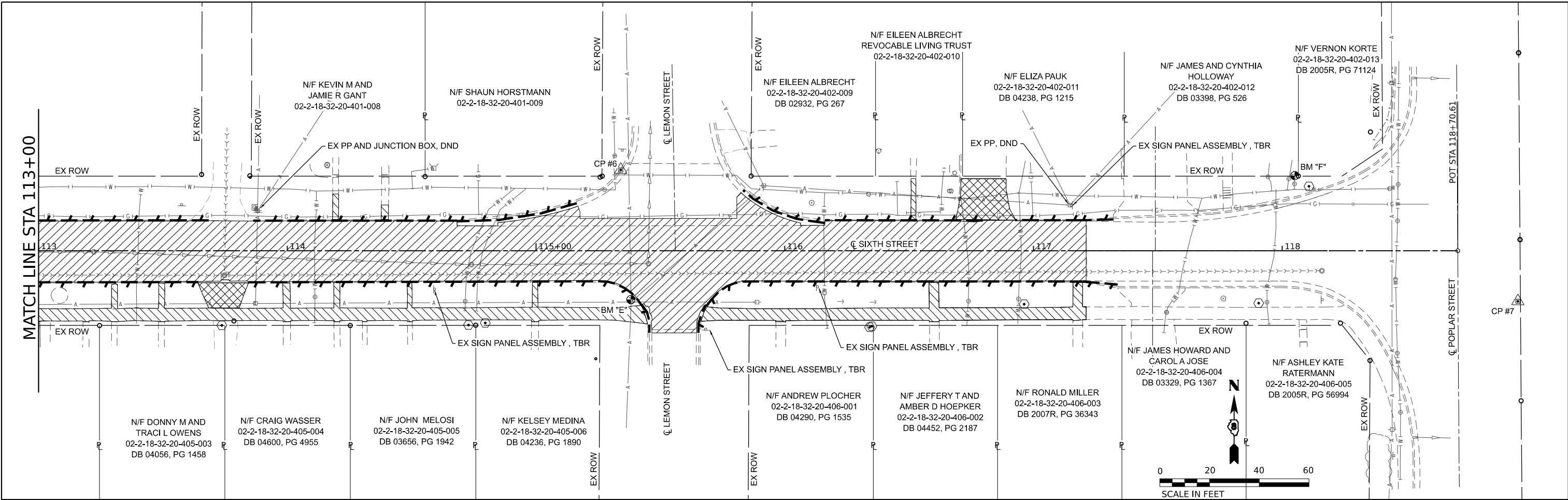
DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**CITY OF HIGHLAND, ILLINOIS**

**REMOVAL PLAN SHEETS**

SCALE: 1" = 20'    SHEET 1 OF 2 SHEETS    STA. 101+00 TO STA. 113+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	21
CONTRACT NO. 97830				
ILLINOIS FED. AID PROJECT				



**REMOVAL LEGEND**

- ENTRANCE REMOVAL
- SIDEWALK REMOVAL
- GUTTER REMOVAL
- CURB AND GUTTER REMOVAL
- PAVEMENT REMOVAL
- RIP RAP REMOVAL (COST INCLUDED IN EARTH EXCAVATION)

MODEL: PR\_Slct\_Plan\_3 (Sheet)  
 FILE NAME: H:\PR\222070 - 6th Street Reconstruction Highland\CAD\Drawings\222070 - sh-srem.dgn



USER NAME = zachary.hresko	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 2/1/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**CITY OF HIGHLAND, ILLINOIS**

**REMOVAL PLAN SHEETS**

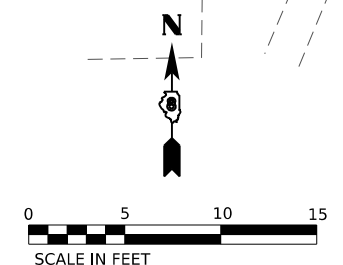
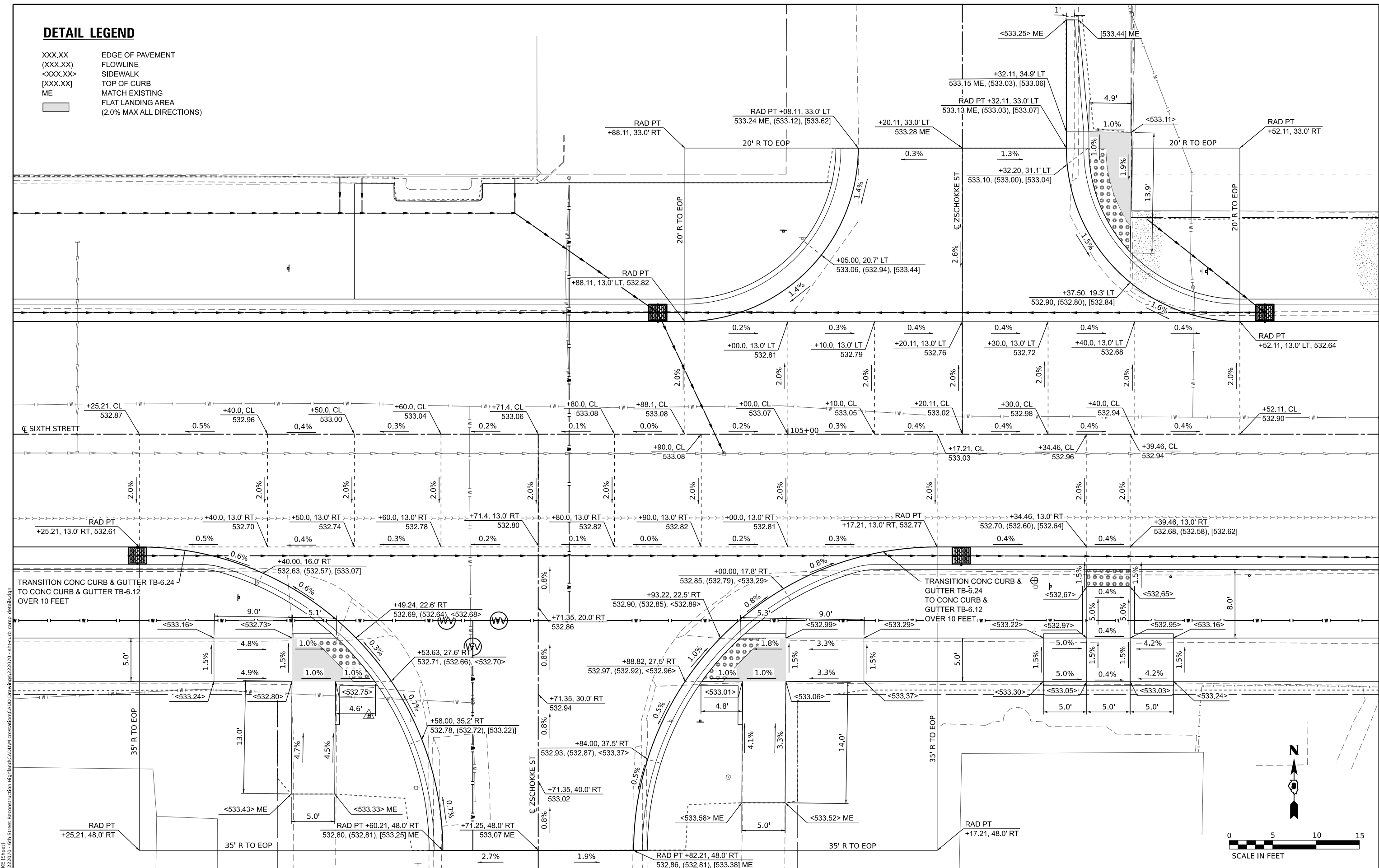
SCALE: 1" = 20'    SHEET 2 OF 2 SHEETS    STA. 113+00 TO STA. 118+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	22
CONTRACT NO. 97830				
ILLINOIS FED. AID PROJECT				



**DETAIL LEGEND**

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2.0% MAX ALL DIRECTIONS)



MODEL: ZSCHOKKE [Sheet]  
 FILE NAME: H:\P2\22070 - 6th Street Reconstruction\Highland\CAD\Drawings\22070 - sh-curb\_ramp\_details.dwg  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



USER NAME = zachary,hresko	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633 ' / in.	DRAWN -	REVISED -
PLOT DATE = 12/21/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**CITY OF HIGHLAND, ILLINOIS**

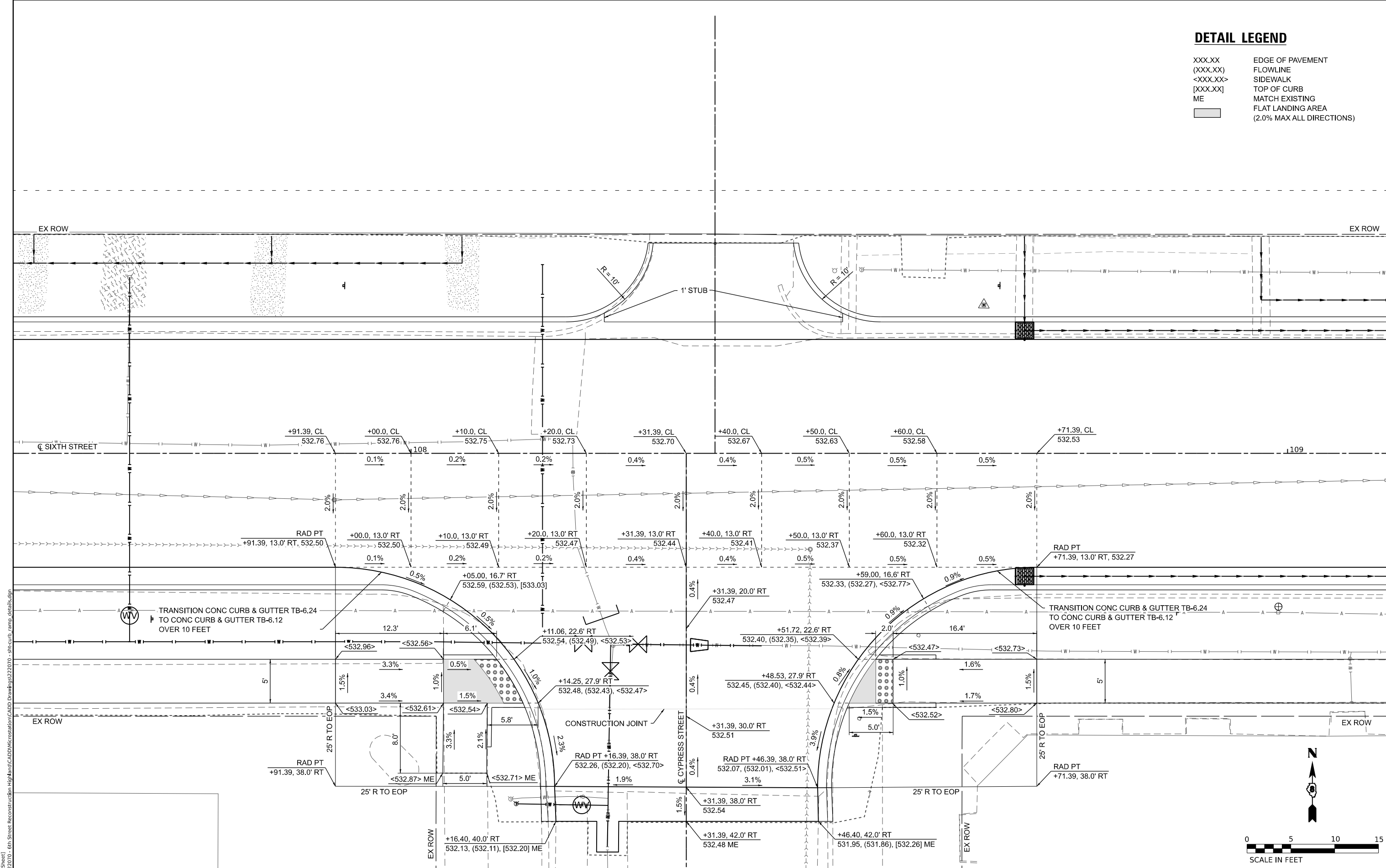
**INTERSECTION DETAILS**

SCALE: 1" = 5'    SHEET 1 OF 4 SHEETS    STA.    TO STA.

F.A.U. RTE. 8842	SECTION 19-00061-01-PV, 20-00061-02-RS	COUNTY MADISON	TOTAL SHEETS 48	SHEET NO. 23
CONTRACT NO. 97830				ILLINOIS FED. AID PROJECT

**DETAIL LEGEND**

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2.0% MAX ALL DIRECTIONS)



MODEL: CYPRESS (Sheet) FILE NAME: H:\P222070 - 6th Street Reconstruction HighRoad\CADD\Microstation\CADD Drawings\222070 - sh-curb\_ramp\_details.dgn


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

USER NAME = zachary,hresko	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633 ' / in.	DRAWN -	REVISED -
PLOT DATE = 12/21/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**CITY OF HIGHLAND, ILLINOIS**

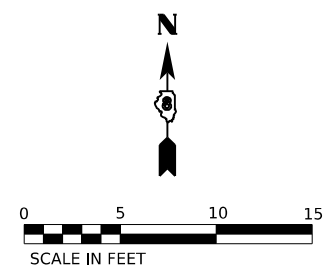
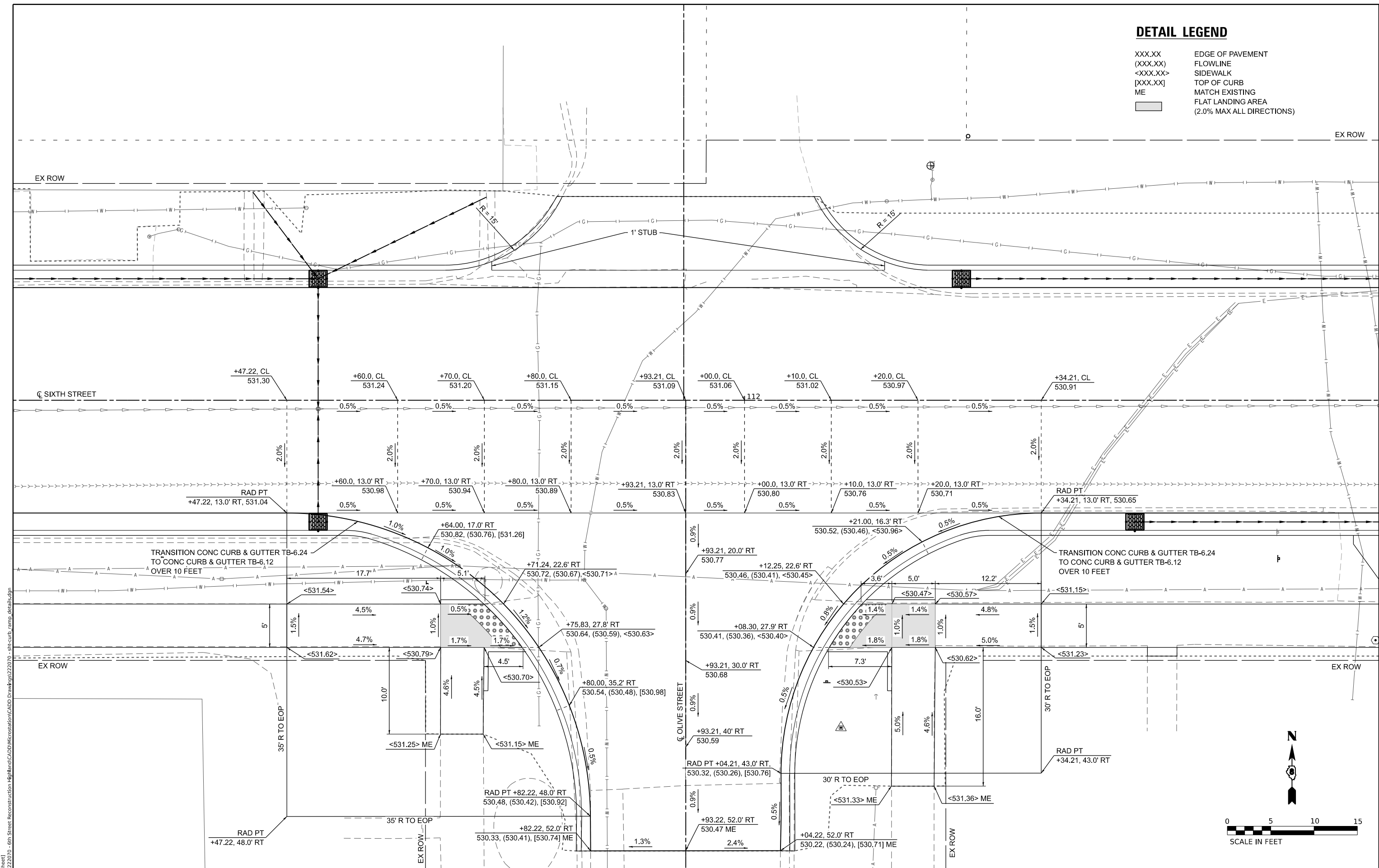
**INTERSECTION DETAILS**

SCALE: 1" = 5'    SHEET 2 OF 4 SHEETS    STA.    TO STA.

F.A.U R.T.E. 8842	SECTION 19-00061-01-PV, 20-00061-02-R5	COUNTY MADISON	TOTAL SHEETS 48	SHEET NO. 24
				CONTRACT NO. 97830
ILLINOIS FED. AID PROJECT				

**DETAIL LEGEND**

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2.0% MAX ALL DIRECTIONS)



MODEL: OLIVE STREET  
 FILE NAME: H:\P2\22070 - 6th Street Reconstruction\Highland\CADD\Microstation\CADD Drawings\22070 - 6th Street Reconstruction\Details.dgn



USER NAME = zachary,hresko	DESIGNED -	REVISED -
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PLOT DATE = 12/21/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**CITY OF HIGHLAND, ILLINOIS**

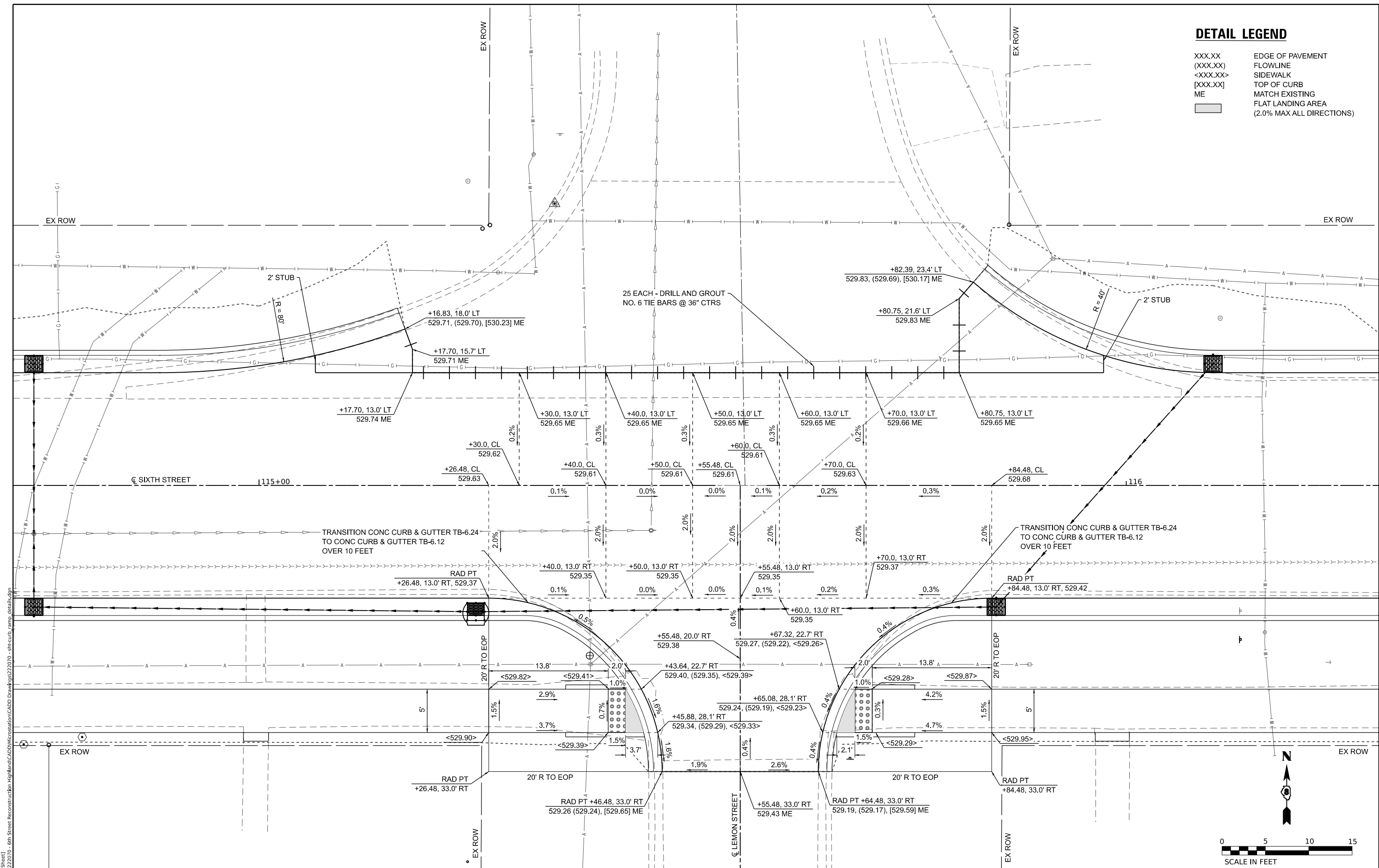
**INTERSECTION DETAILS**

SCALE: 1" = 5'    SHEET 3 OF 4 SHEETS    STA.    TO STA.

F.A.U. RTE. 8842	SECTION 19-00061-01-PV, 20-00061-02-RS	COUNTY MADISON	TOTAL SHEETS 48	SHEET NO. 25
				CONTRACT NO. 97830
ILLINOIS FED. AID PROJECT				

**DETAIL LEGEND**

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2.0% MAX ALL DIRECTIONS)



MODEL: LEMON (Sheet) FILE NAME: H:\P222070 - 6th Street Reconstruction\Highland\CADD\Microstation\CADD Drawings\222070 - 6th Street Reconstruction\Detail.dwg



USER NAME = zachary.hresko  
 PLOT SCALE = 0.16666633 \* / in.  
 PLOT DATE = 12/27/2023

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**CITY OF HIGHLAND, ILLINOIS**

**INTERSECTION DETAILS**

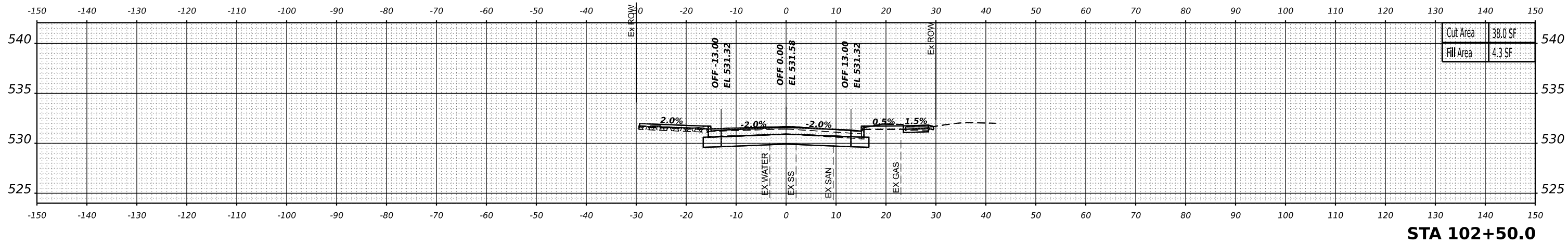
SCALE: 1" = 5' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	26
CONTRACT NO. 97830				
ILLINOIS FED. AID PROJECT				



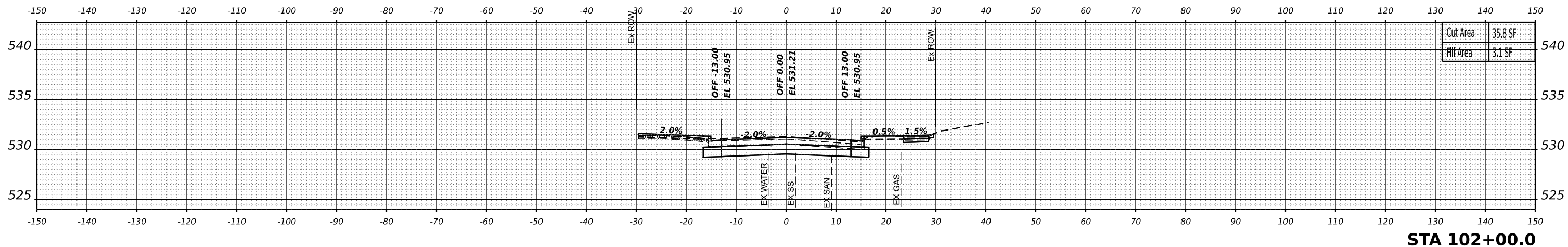


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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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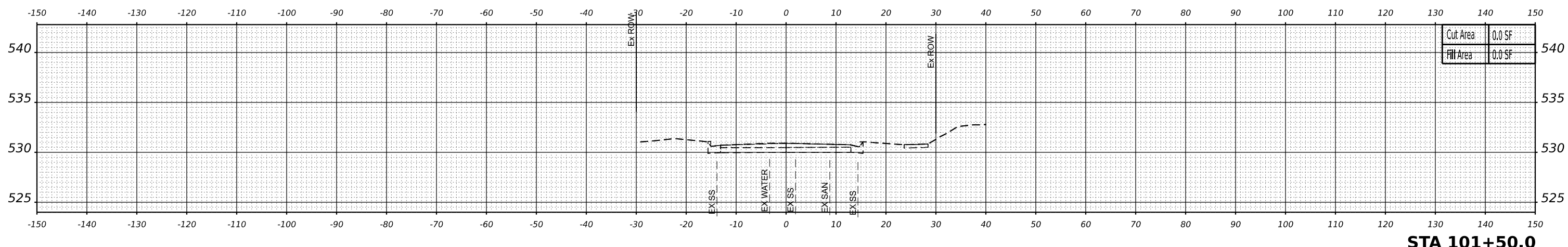
**STA 102+50.0**

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



**STA 102+00.0**

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



**STA 101+50.0**

MODEL: Plt\_Skm - 101+50.00 (Sheet)  
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USER NAME = zachary.hresko	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 12/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**CITY OF HIGHLAND, ILLINOIS**

**CROSS SECTIONS**

SCALE: 1" = 10'    SHEET 1    OF 20 SHEETS    STA. 101+50.0 TO STA. 102+50.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	29
CONTRACT NO. 97830			ILLINOIS FED. AID PROJECT	

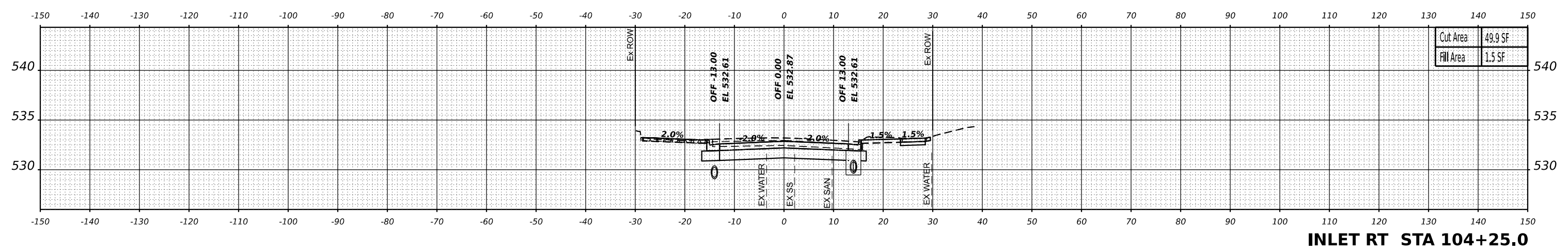




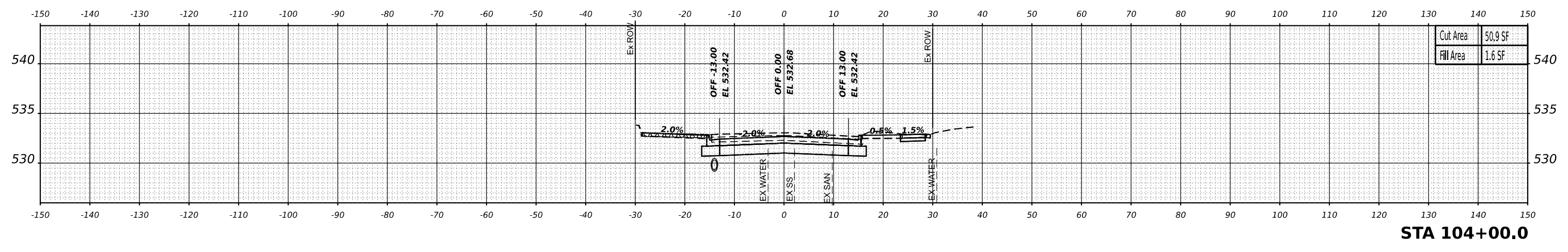
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PLOTTED	
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DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
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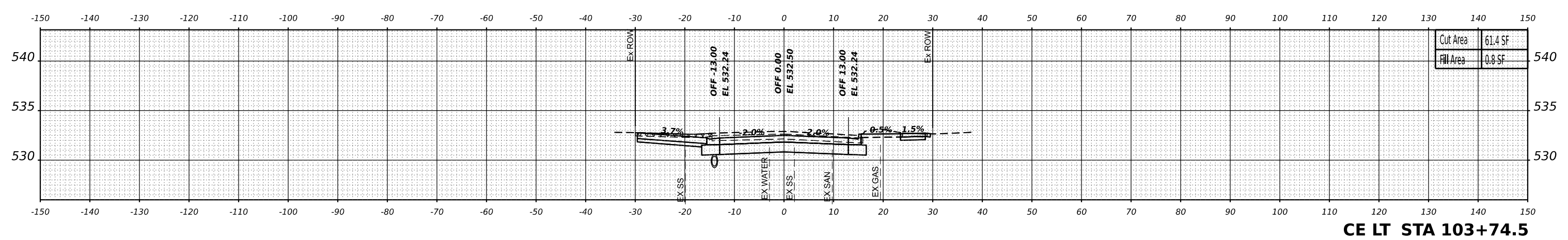
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 FILE NAME: 19-00061-01-PV-20-00061-02-RS  
 Highland CADD\MicroStation\CADD Drawings\222070 - sheet3.dgn



**INLET RT STA 104+25.0**



**STA 104+00.0**



**CE LT STA 103+74.5**



USER NAME = zachary.hresko	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 12/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**CITY OF HIGHLAND, ILLINOIS**

**CROSS SECTIONS**

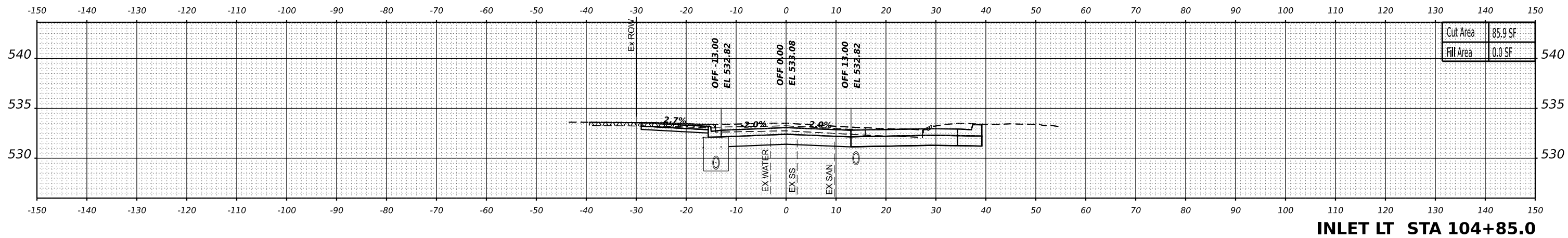
SCALE: 1" = 10' SHEET 3 OF 20 SHEETS STA. 103+74.5 TO STA. 104+25.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	31
CONTRACT NO. 97830			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
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FINAL SURVEY	
NOTE BOOK	

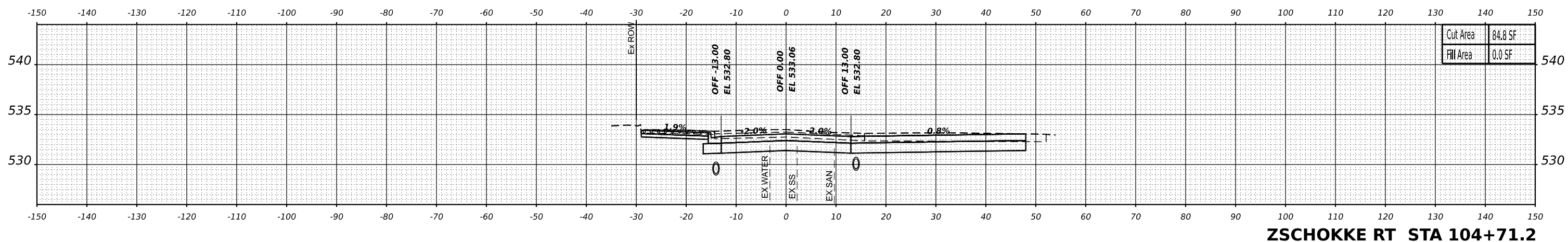
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BY	
SURVEYED	
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TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	

MODEL: PL\_S4m - 104+50.0 (Sheet)  
 FILE NAME: 19-00061-01-PV, 20-00061-02-RS  
 Highland CADD\MicroStation\CADD Drawings\22270 - Streets.dgn



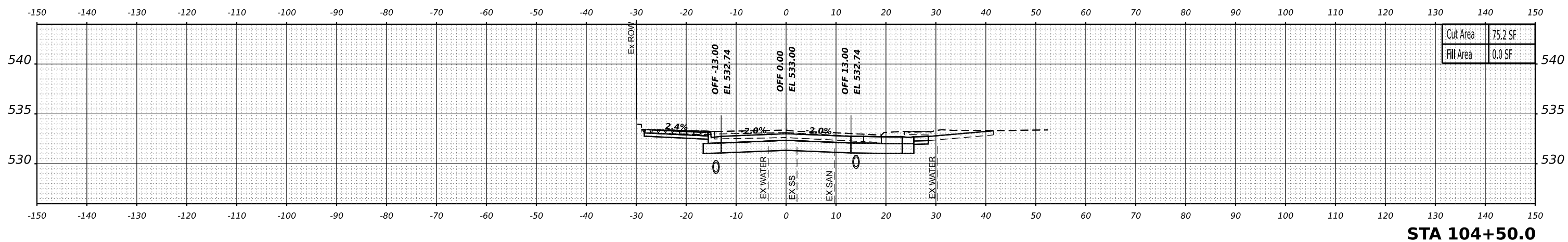
Cut Area	85.9 SF
Fill Area	0.0 SF

**INLET LT STA 104+85.0**



Cut Area	84.8 SF
Fill Area	0.0 SF

**ZSCHOKKE RT STA 104+71.2**



Cut Area	75.2 SF
Fill Area	0.0 SF

**STA 104+50.0**



USER NAME = zachary.hresko	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 12/22/2023	DATE -	REVISED -

**CITY OF HIGHLAND, ILLINOIS**

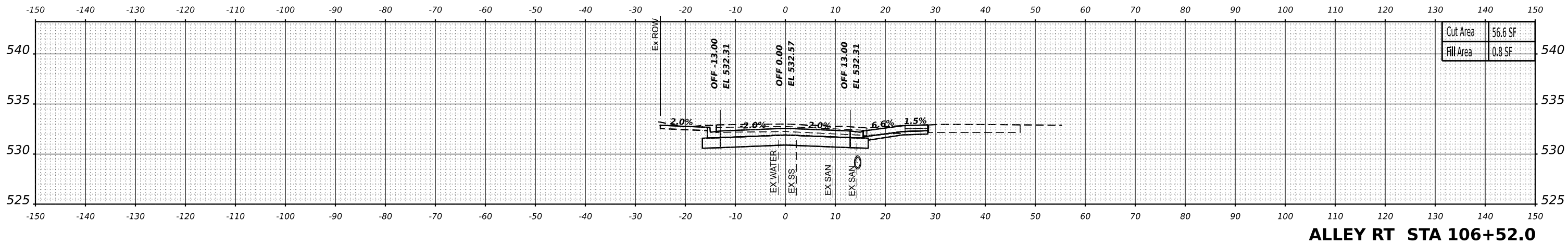
**CROSS SECTIONS**

SCALE: 1" = 10' SHEET 4 OF 20 SHEETS STA. 104+50.0 TO STA. 104+85.0

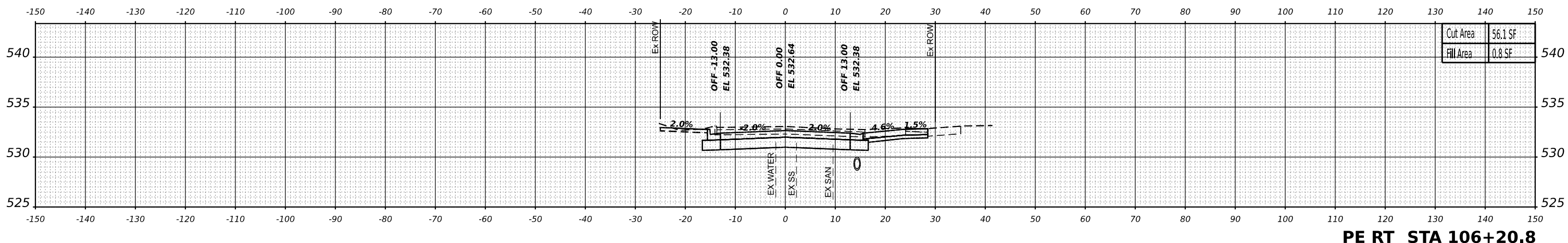
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	32
CONTRACT NO. 97830				
ILLINOIS		FED. AID PROJECT		



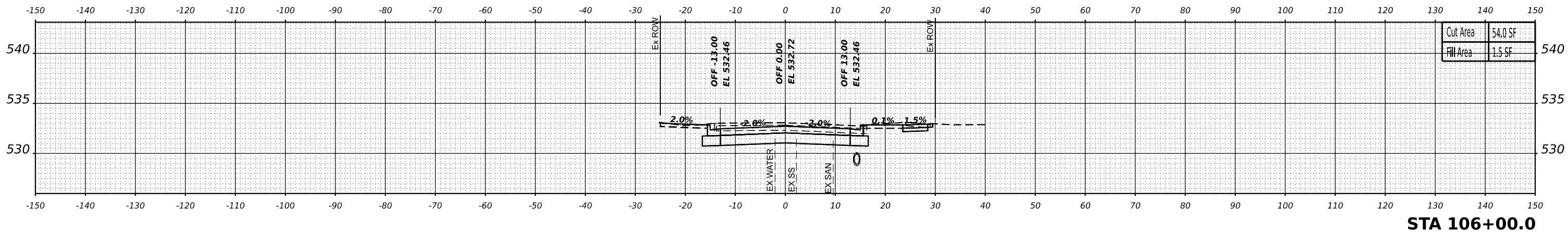
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BY	
SURVEYED	
PLOTTED	
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NOTE BOOK	



**ALLEY RT STA 106+52.0**



**PE RT STA 106+20.8**



**STA 106+00.0**

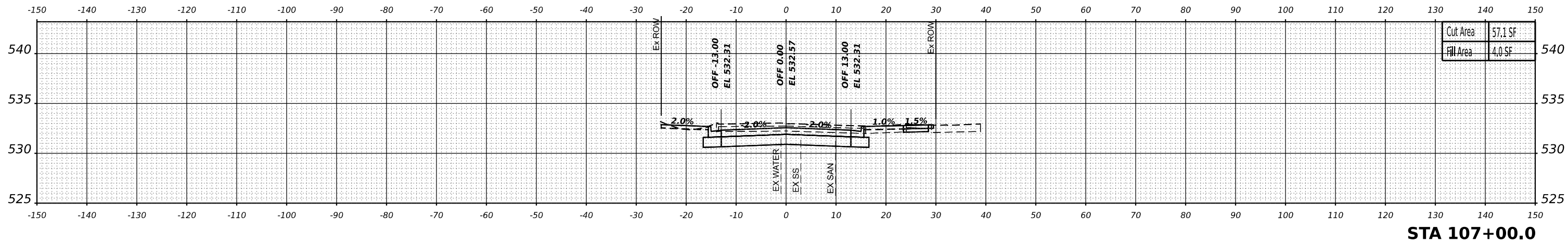
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NOTE BOOK	

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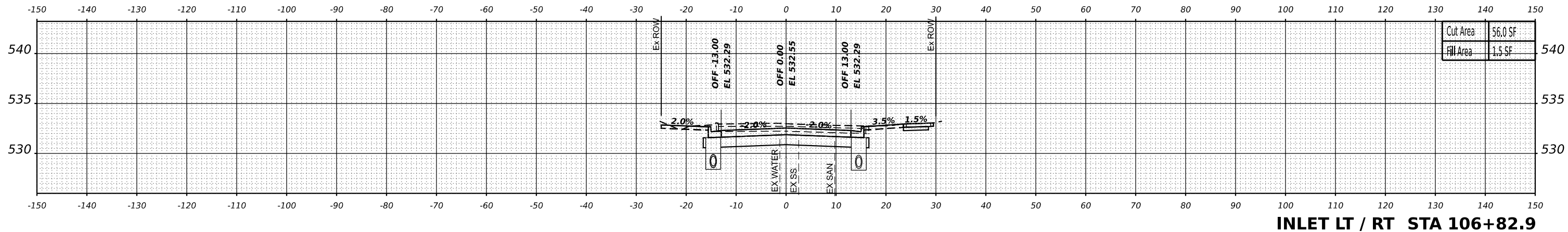
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PLOT DATE = 12/22/2023	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	34
CONTRACT NO. 97830				
ILLINOIS		FED. AID PROJECT		

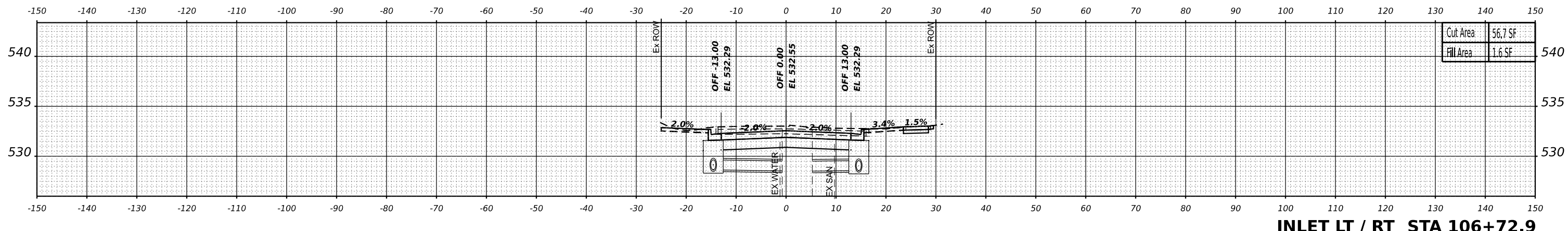
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**STA 107+00.0**



**INLET LT / RT STA 106+82.9**



**INLET LT / RT STA 106+72.9**

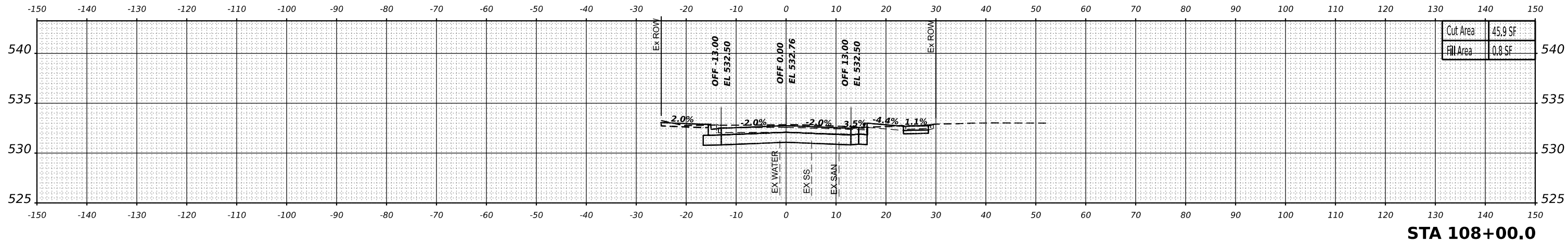
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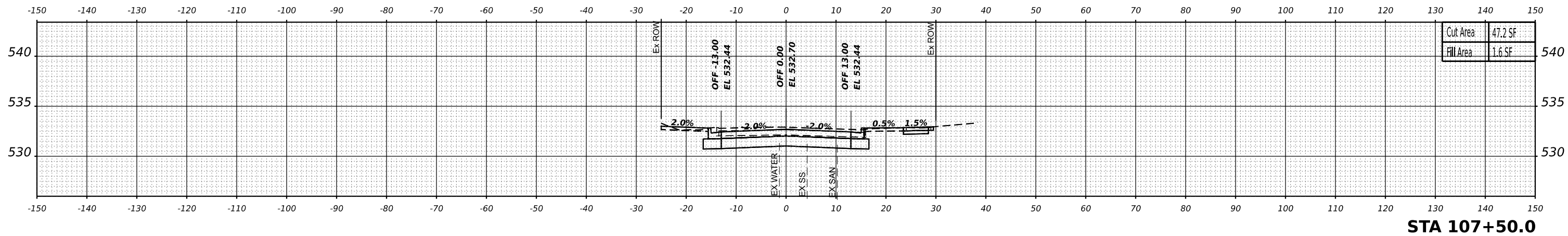
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PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 12/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	35
CONTRACT NO. 97830				
ILLINOIS		FED. AID PROJECT		

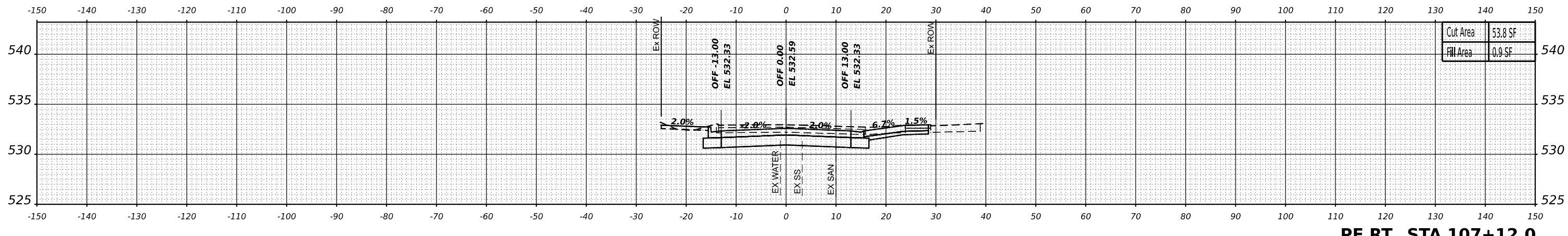
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BY	
SURVEYED	
PLOTTED	
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AREAS	
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FINAL SURVEY	
NOTE BOOK	
NO.	



**STA 108+00.0**



**STA 107+50.0**



**PE RT STA 107+12.0**

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
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MODEL: PL\_Skm - 107+12.0 (Sheet)  
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USER NAME = zachary.hresko	DESIGNED -	REVISED -
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PLOT DATE = 12/22/2023	DATE -	REVISED -

**CITY OF HIGHLAND, ILLINOIS**

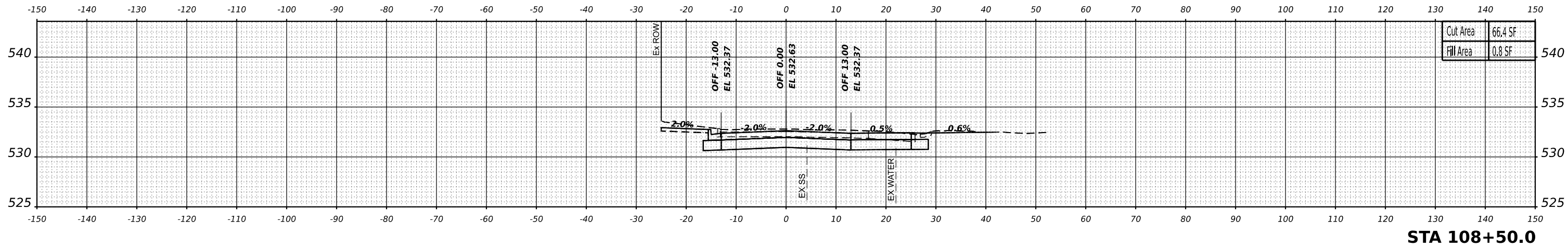
**CROSS SECTIONS**

SCALE: 1" = 10'    SHEET 8    OF 20 SHEETS    STA. 107+12.0 TO STA. 108+00.0

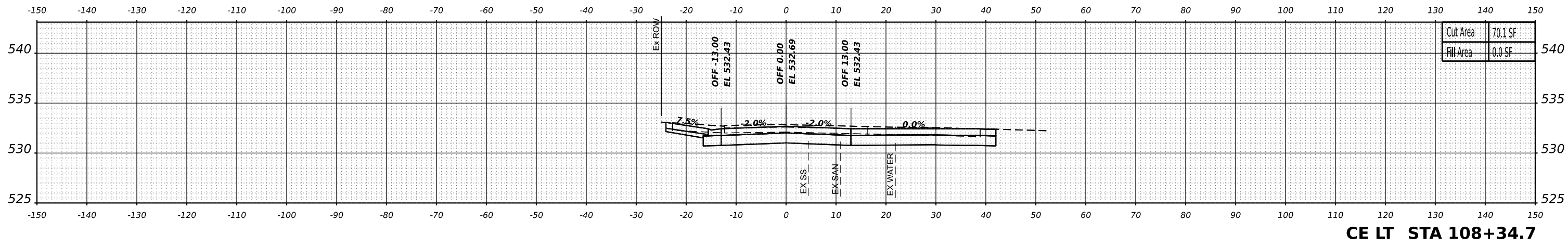
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	36
CONTRACT NO.			97830	
ILLINOIS		FED. AID PROJECT		



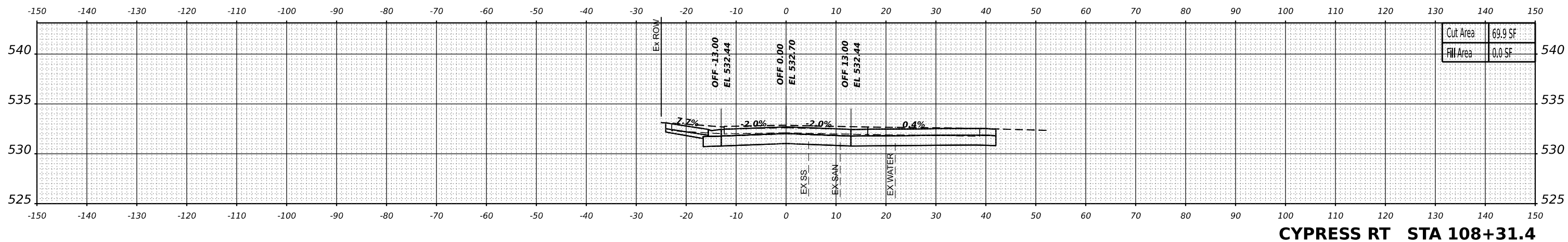
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BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED
	AREAS
	CHECKED



**STA 108+50.0**



**CE LT STA 108+34.7**



**CYPRESS RT STA 108+31.4**

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

MODEL: PL\_Skm - 108+31.40 (Sheet)  
FILE NAME: R19222070 - 6th Street Reconstruction - Highland CADD\MicroStation\CADD Drawings\222070 - sheet9.dgn



USER NAME = zachary.hresko	DESIGNED -	REVISED -
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PLOT DATE = 12/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

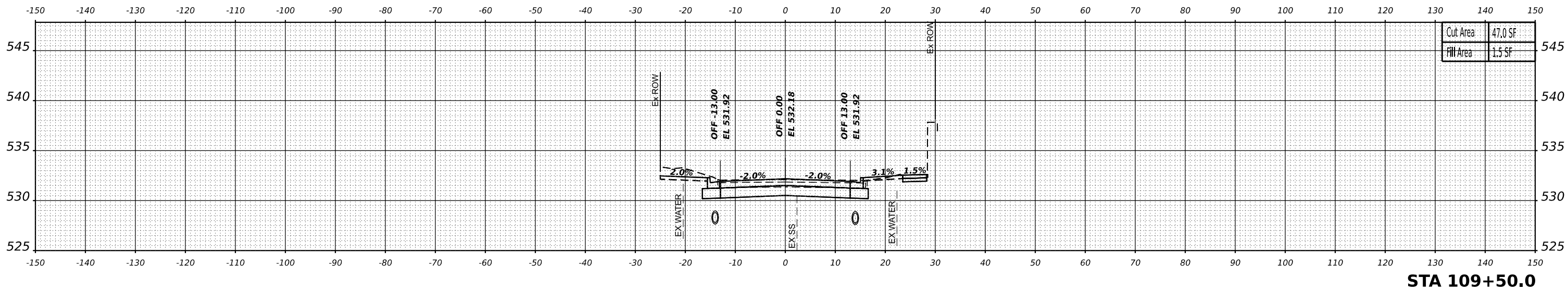
**CITY OF HIGHLAND, ILLINOIS**

**CROSS SECTIONS**

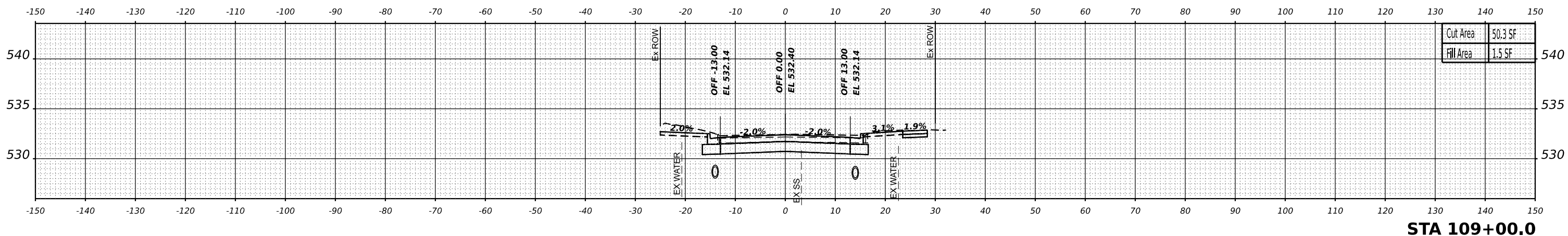
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 97830				
ILLINOIS		FED. AID PROJECT		

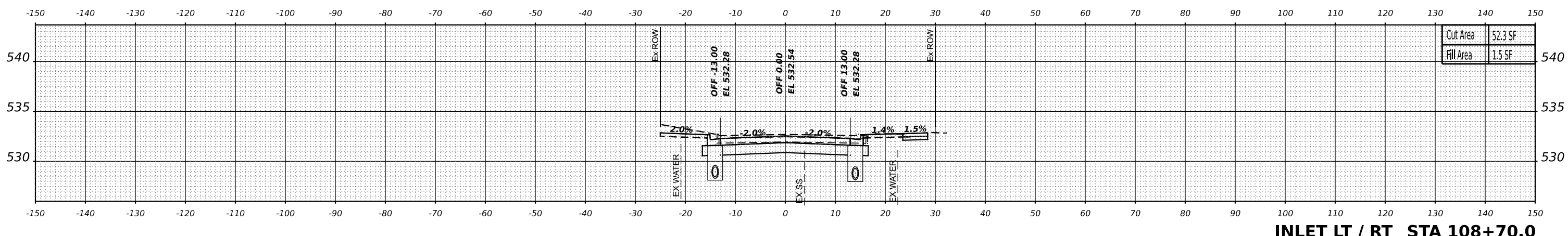
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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	



**STA 109+50.0**



**STA 109+00.0**



**INLET LT / RT STA 108+70.0**

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

MODEL: PL\_Skin - 108+70.0 (Sheet)  
 FILE NAME: R2222010 - 6th Street Reconstruction - Highland CADD\Microsoft\CADD Drawings\222010 - sheet.dgn

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 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

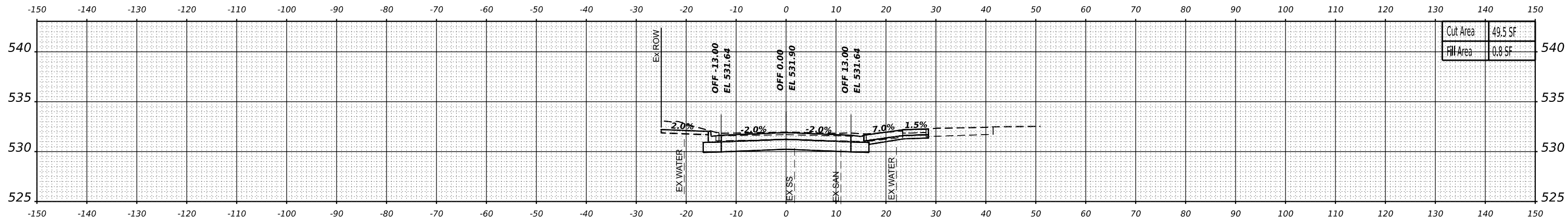
USER NAME = zachary.hresko	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 12/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**CITY OF HIGHLAND, ILLINOIS**

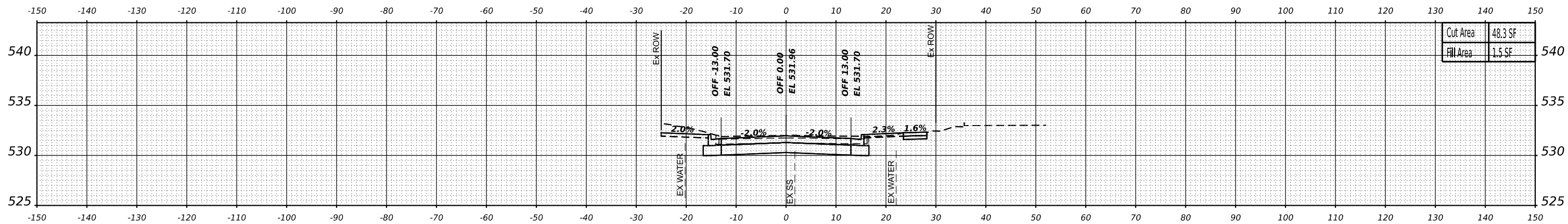
<b>CROSS SECTIONS</b>		
SCALE: 1" = 10'	SHEET 10	OF 20 SHEETS
STA. 108+70.0 TO STA. 109+50.0		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	38
CONTRACT NO.			97830	
ILLINOIS		FED. AID PROJECT		

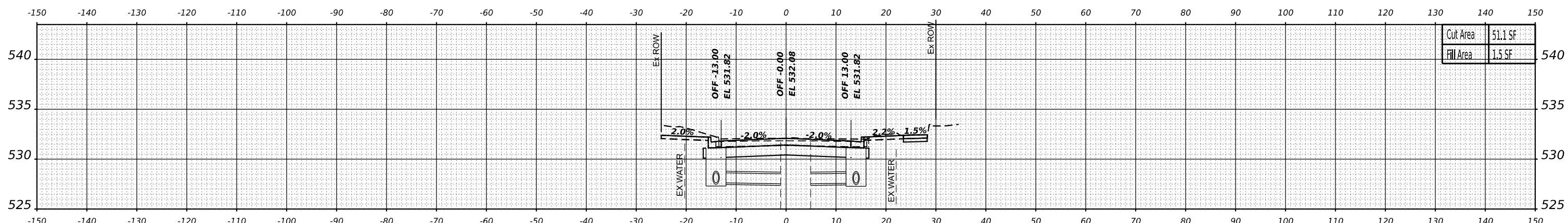
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



**ALLEY RT STA 110+12.3**



**STA 110+00.0**



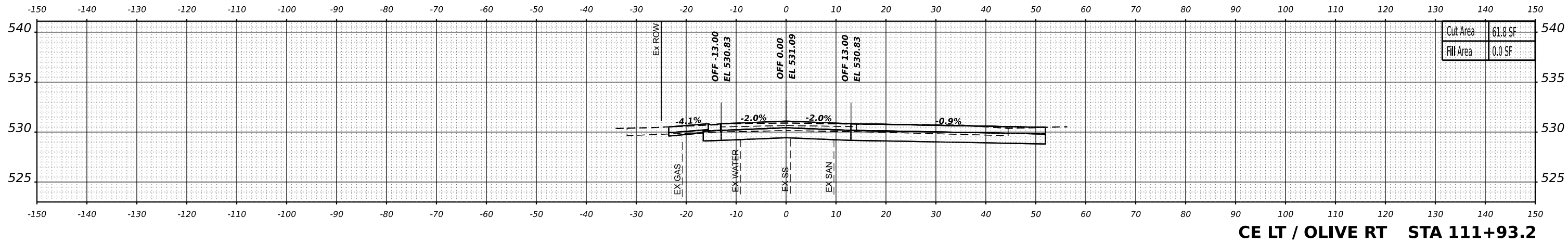
**INLET LT / RT STA 109+72.4**

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

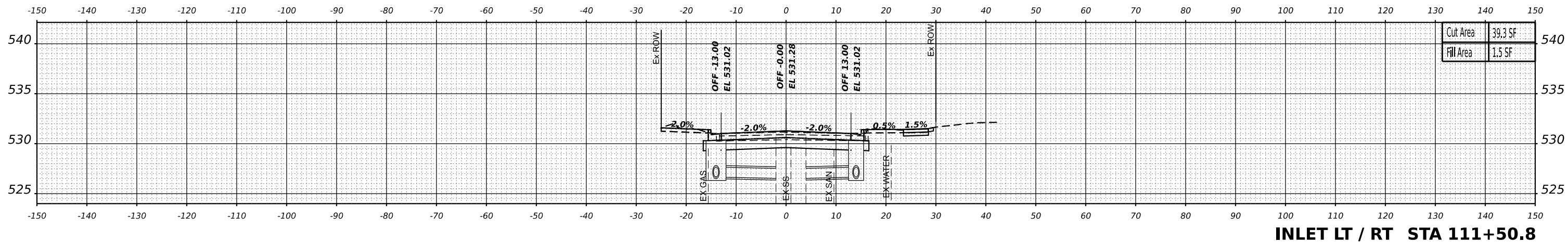
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FILE NAME: R19222010 - 6th Street Reconstruction - Highland CADD\MicroStation\CADD Drawings\222010 - sheet.cad



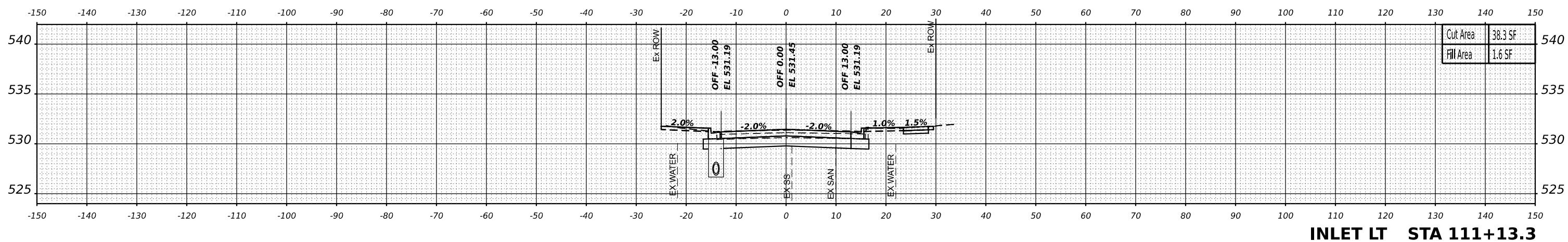
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NO.	
FINAL SURVEY	
NOTE BOOK	
NO.	



**CE LT / OLIVE RT STA 111+93.2**



**INLET LT / RT STA 111+50.8**



**INLET LT STA 111+13.3**

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

MODEL: PL\_Skm - 111+13.3 (Sheet)  
FILE NAME: 19-00061-01-FV-20-00061-02-RS.dgn

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USER NAME = zachary.hresko	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 12/22/2023	DATE -	REVISED -

**CITY OF HIGHLAND, ILLINOIS**

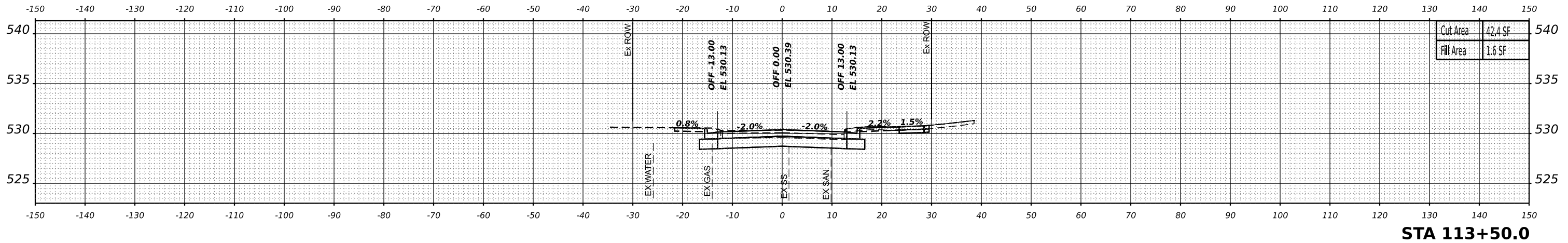
**CROSS SECTIONS**

SCALE: 1" = 10' SHEET 13 OF 20 SHEETS STA. 111+13.3 TO STA. 111+93.2

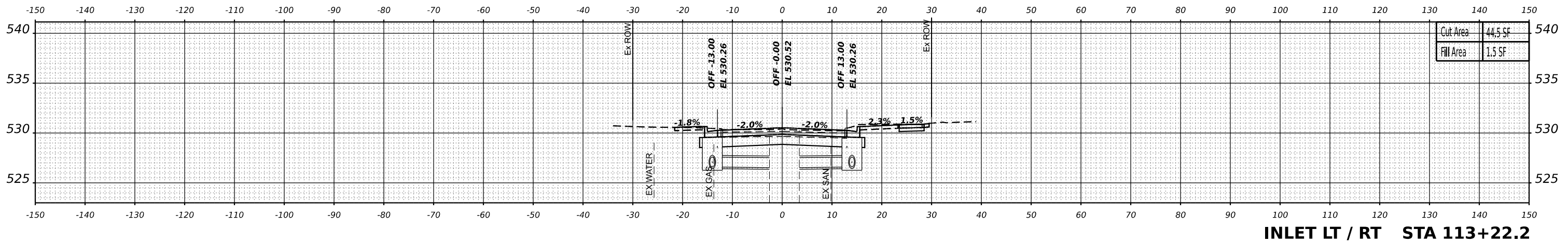
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-FV, 20-00061-02-RS	MADISON	48	41
CONTRACT NO. 97830				
ILLINOIS		FED. AID PROJECT		



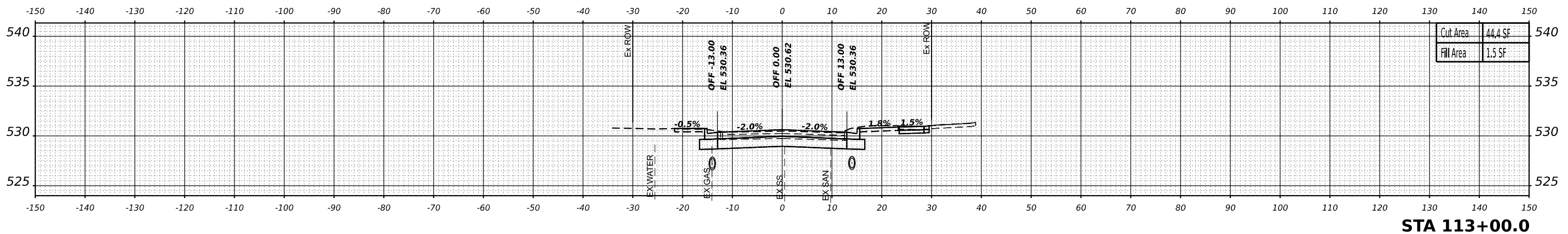
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	



**STA 113+50.0**



**INLET LT / RT STA 113+22.2**



**STA 113+00.0**

MODEL: Pl\_Shm - 113+00.00 (Sheet)  
 FILE NAME: R19222010 - 6th Street Reconstruction - Highland CADD\MicroStation\CADD Drawings\222010 - sheet.cad

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



USER NAME	= zachary.hresko
PLOT SCALE	= 0.16666633 ' / in.
PLOT DATE	= 12/22/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

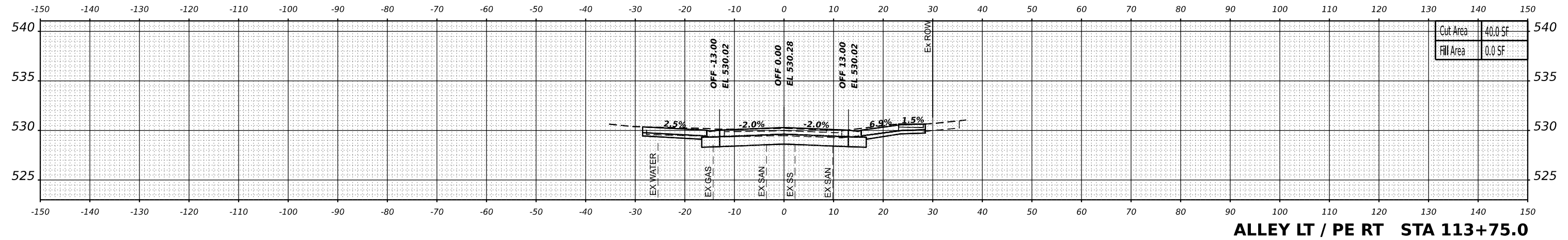
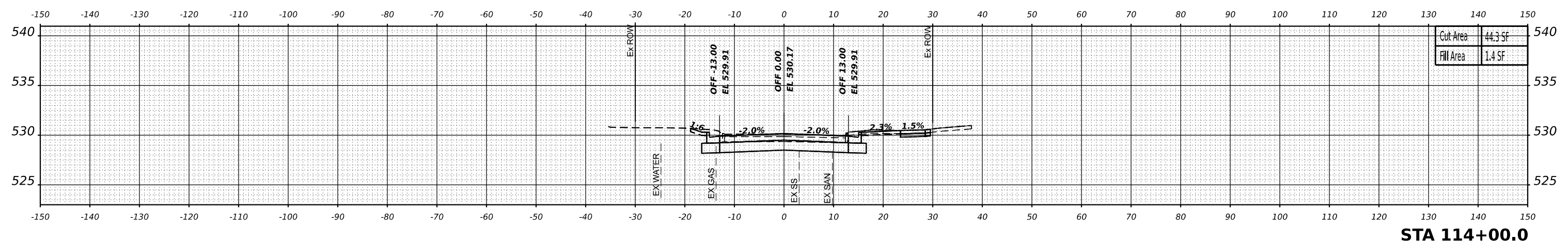
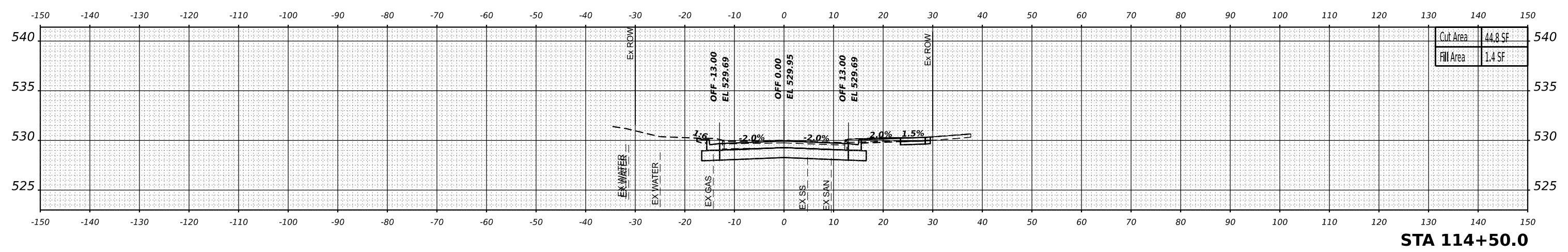
**CITY OF HIGHLAND, ILLINOIS**

**CROSS SECTIONS**

SCALE: 1" = 10'    SHEET 15 OF 20 SHEETS    STA. 113+00.0 TO STA. 113+50.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-R5	MADISON	48	43
CONTRACT NO. 97830				
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: PL\_Skm - 113+75.00 (Sheet)  
 FILE NAME: H:\2222010 - 6th Street Reconstruction - Highland\CADD\Microstation\CADD Drawings\2222010 - sheet.dgn



USER NAME = zachary.hresko	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 12/22/2023	DATE -	REVISED -

CITY OF HIGHLAND, ILLINOIS

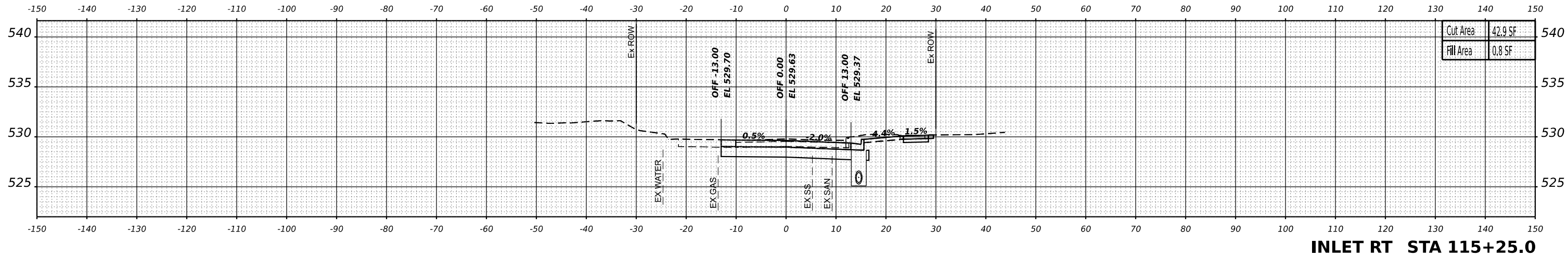
CROSS SECTIONS

SCALE: 1" = 10' SHEET 16 OF 20 SHEETS STA. 113+75.0 TO STA. 114+50.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	44
CONTRACT NO.			97830	
ILLINOIS		FED. AID PROJECT		

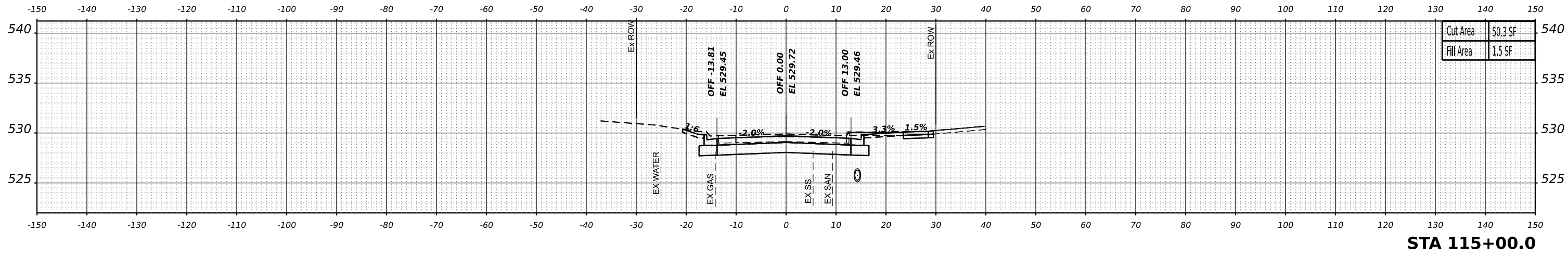


DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NO.	
FINAL SURVEY	
NOTE BOOK	



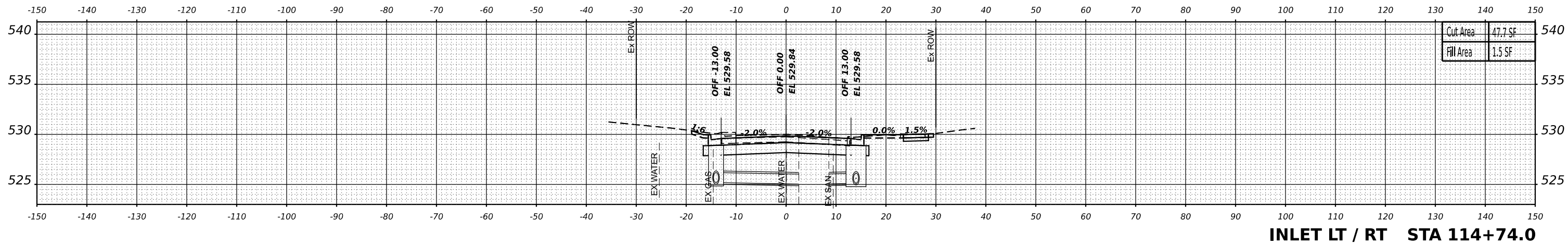
**INLET RT STA 115+25.0**

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



**STA 115+00.0**

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



**INLET LT / RT STA 114+74.0**

MODEL: Plt\_Shm - 114+74.0 (Sheet)  
FILE NAME: Plt222010 - 6th Street Reconstruction - Highland CADD\Microstation\CADD Drawings\222010 - sheet.dgn

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USER NAME = zachary.hresko	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 12/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

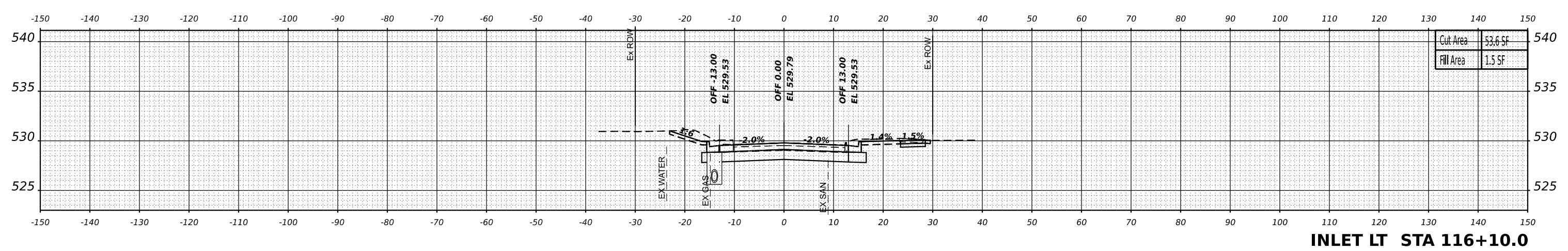
**CITY OF HIGHLAND, ILLINOIS**

**CROSS SECTIONS**

SCALE: 1" = 10' SHEET 17 OF 20 SHEETS STA. 114+74.0 TO STA. 115+25.0

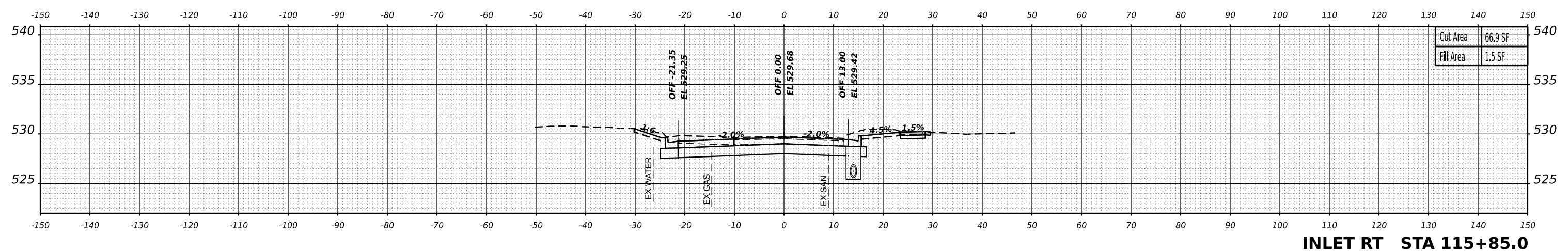
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	45
CONTRACT NO. 97830			ILLINOIS FED. AID PROJECT	

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



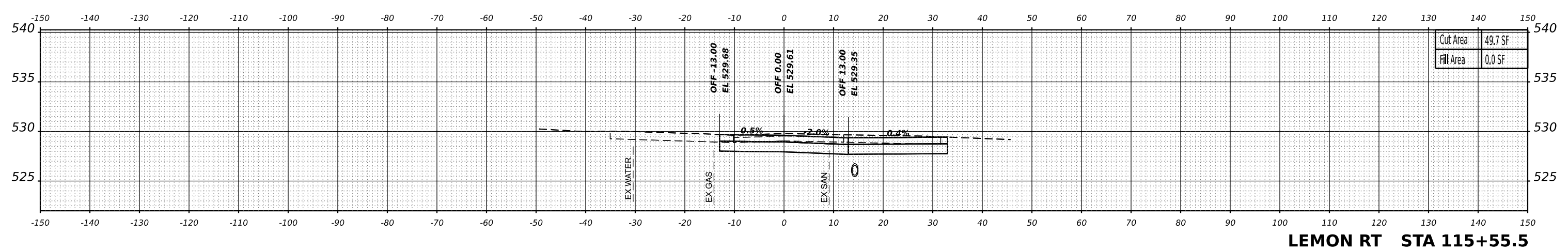
**INLET LT STA 116+10.0**

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



**INLET RT STA 115+85.0**

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



**LEMON RT STA 115+55.5**

MODEL: PL\_Skm - 115+55.48 (Sheet)  
FILE NAME: H:\2222070 - 6th Street Reconstruction - Highland\CADD\Microstation\CADD Drawings\222070 - sheet.dgn



USER NAME = zachary.hresko	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 12/22/2023	DATE -	REVISED -

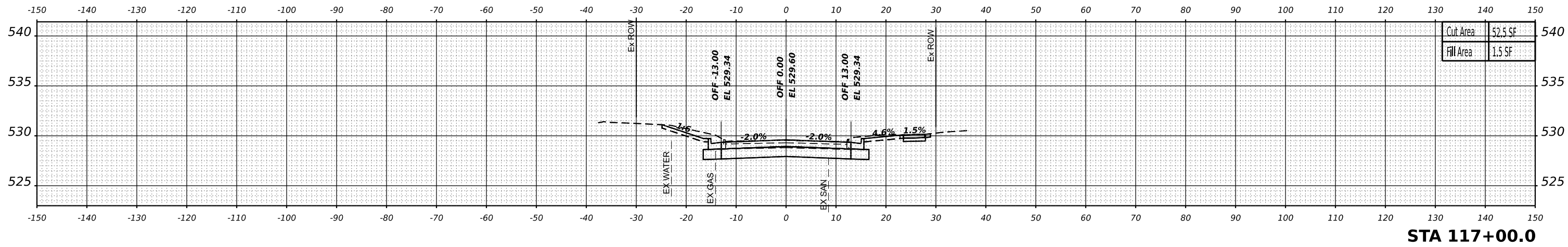
**CITY OF HIGHLAND, ILLINOIS**

**CROSS SECTIONS**

SCALE: 1" = 10'    SHEET 18 OF 20 SHEETS    STA. 115+55.5 TO STA. 116+10.0

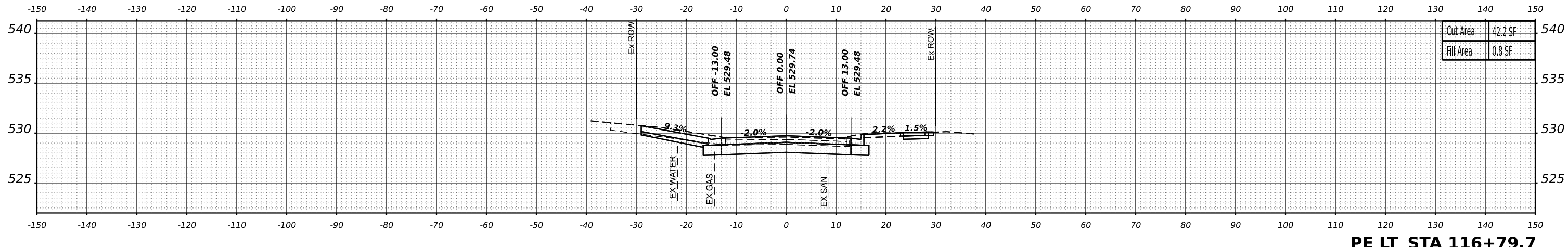
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	46
CONTRACT NO. 97830				
ILLINOIS		FED. AID PROJECT		

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



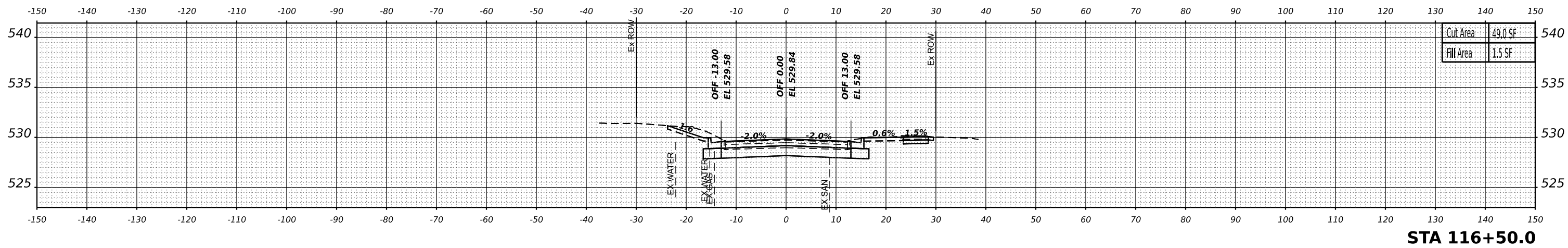
**STA 117+00.0**

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



**PE LT STA 116+79.7**

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



**STA 116+50.0**

MODEL: PL\_Skm - 116+50.00 (Sheet)  
FILE NAME: R19222010 - 6th Street Reconstruction - Highland CADD\MicroStation\CADD Drawings\222070 - sheet.cad

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USER NAME = zachary.hresko	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 12/22/2023	DATE -	REVISED -

**CITY OF HIGHLAND, ILLINOIS**

**CROSS SECTIONS**

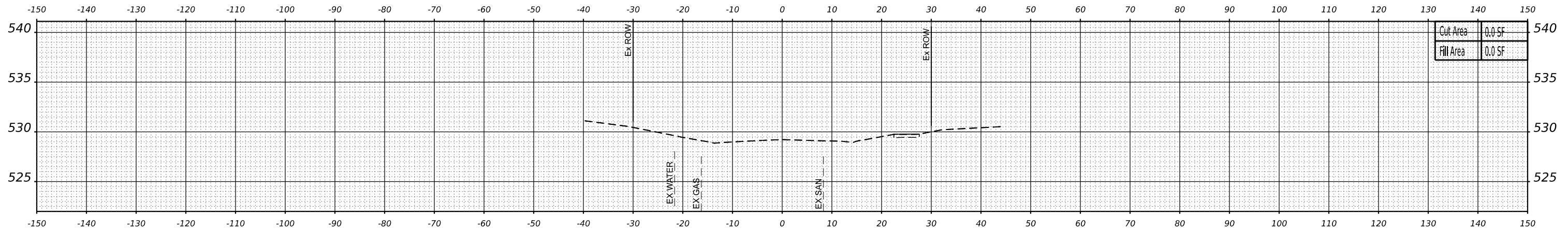
SCALE: 1" = 10' SHEET 19 OF 20 SHEETS STA. 116+50.0 TO STA. 117+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	47
CONTRACT NO. 97830				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Plt\_Skch - 117+50.00 [Sheet]  
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**STA 117+50.0**



USER NAME = zachary.hresko	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 12/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**CITY OF HIGHLAND, ILLINOIS**

**CROSS SECTIONS**

SCALE: 1" = 10'    SHEET 20 OF 20 SHEETS    STA. 117+50.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8842	19-00061-01-PV, 20-00061-02-RS	MADISON	48	48
CONTRACT NO. 97830				
ILLINOIS		FED. AID PROJECT		