

03-07-2025 LETTING ITEM 174

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	1
		ILLINOIS	CONTRACT NO. 97856	

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED HIGHWAY PLANS

STATE AND LOCAL FUNDS

FAU ROUTE 8896

SECTION 23-00032-01-BT

JOB NO.: C-98-121-23

GLEN CARBON ROAD SHARED-USE PATH PHASE 1

VILLAGE OF GLEN CARBON

MADISON COUNTY

**INDEX OF SHEETS**

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- 2 GENERAL NOTES, HIGHWAY STANDARDS & COMMITMENTS
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- 26 ADA DETAILS
- 27 FLASHING BEACON DETAIL
- 28-30 MISCELLANEOUS DETAILS
- 31-39 CROSS SECTIONS

**LIST OF HIGHWAY STANDARDS**

SEE SHEET 2 FOR LIST OF HIGHWAY STANDARDS

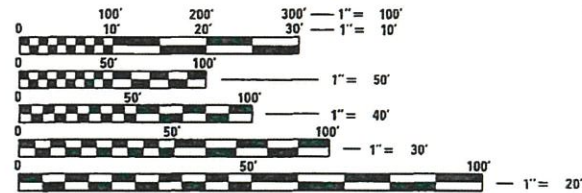
**DESIGN DESIGNATION**

**ROUTE NUMBER 8896 (GLEN CARBON ROAD)**

ROADWAY CLASSIFICATION = MINOR ARTERIAL  
DESIGN SPEED = 45 MPH  
ADT (2021) = 5750 VPD  
ADT (2031) = 6325 VPD

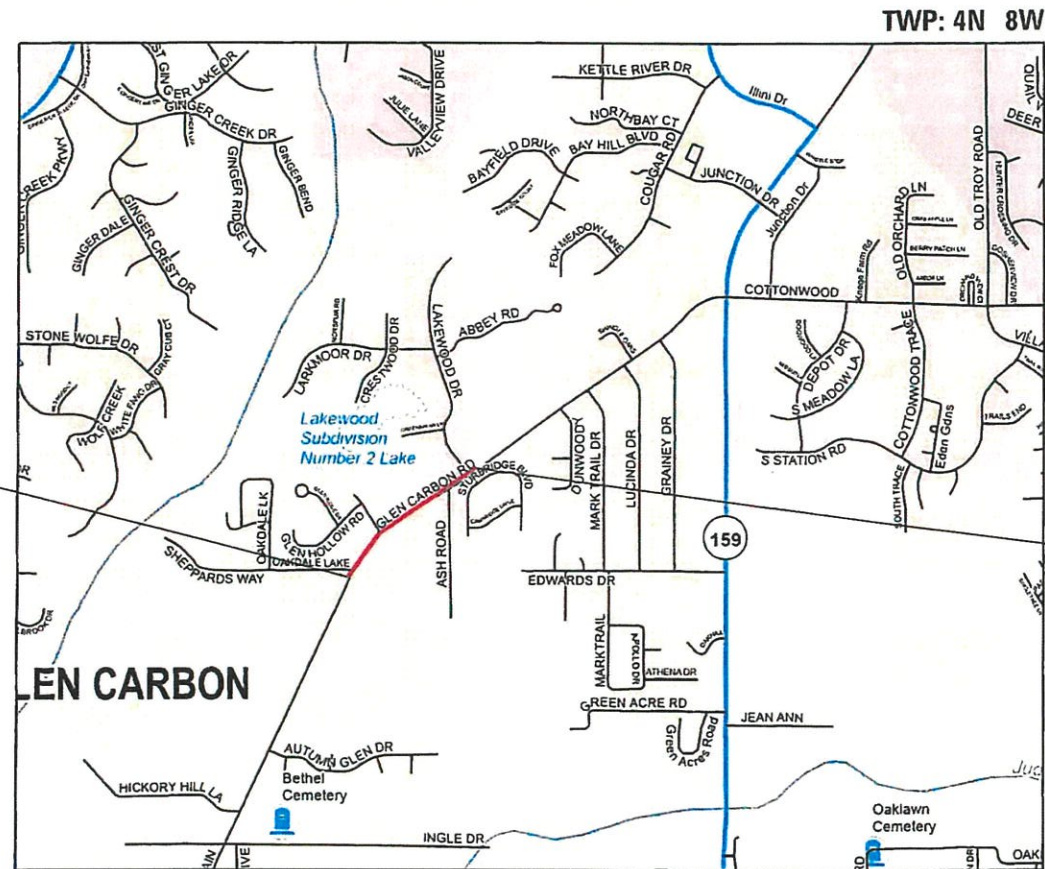
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LONG. 89.969461

END IMPROVEMENTS  
STA. 216 + 29.46  
LAT. 38.769733  
LONG. 89.965144



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.

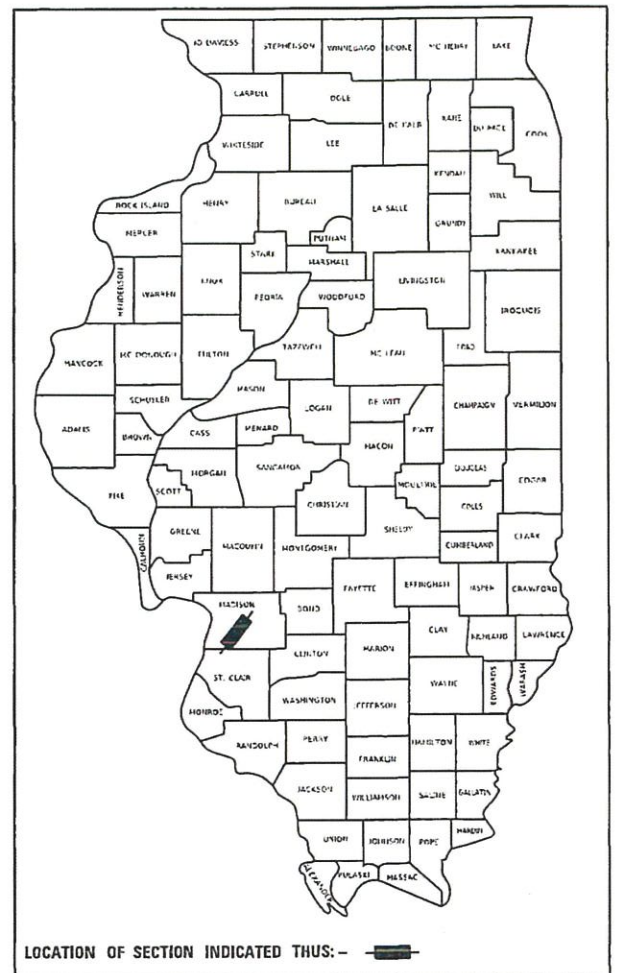
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS  
1-800-892-0123  
OR 811



GROSS/NET LENGTH = 1616.60 FT. = 0.306 MILE



12-6-2024



APPROVED *DEC 6 20 24*  
MAYOR  
VILLAGE OF GLEN CARBON

PASSED *12/17 20 24*  
*[Signature]*  
DISTRICT 8 ENGINEER  
LOCAL ROADS & STREETS

RELEASED FOR  
BID BASED ON  
LIMITED REVIEW *12/17 20 24*  
*[Signature]*  
REGIONAL ENGINEER

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**PLANS PREPARED BY:**  
**TWM** ENGINEERING GEOSPATIAL SERVICES  
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www.twm-inc.com  
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No. 184-001220  
License Expires: 04/30/2025

JEFFREY R. REIS, P.E., P.T.O.E. EXPIRATION DATE  
LICENSE NO. 062-063262 11-30-2025



## GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF GLEN CARBON AT LEAST TWO WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
2. ALL CONSTRUCTION SIGNS SHALL BE 48" FLUORESCENT ORANGE.
3. PRIOR TO CONSTRUCTING ANY ENTRANCE, THE PROPERTY OWNER WILL BE NOTIFIED IN WRITING, INFORMING THEM OF CONSTRUCTION AND ESTIMATED DATES CONSTRUCTION WILL TAKE PLACE.
4. ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION, UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURE.
5. ANY EXCAVATION ADJACENT TO EDGE OF PAVEMENTS SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGH OUT THE CONSTRUCTION PROJECT. THE EMBANKMENT SURFACES SHALL BE SLOPED TO DRAIN OFF THE EMBANKMENT TO SIDE SLOPES. DITCHES ALONG THE SIDES OF THE EMBANKMENT SHALL BE GRADED TO DRAIN THROUGH THE EMBANKMENT UNTIL SUCH TIME THAT PIPE CULVERTS ARE INSTALLED AND FUNCTIONAL. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN EARTH EXCAVATION AND/OR FURNISHED EXCAVATION.
7. EXISTING DITCHES/SWALES WILL NEED TO BE REGRADED/SHAPED TO ENSURE ALL FLOWS ENTER THE PROPER DITCH, CROSSROAD CULVERT OR OTHER DRAINAGE APPURTENANCES, UNLESS OTHERWISE INDICATED. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTHWORK, UNLESS NOTED OTHERWISE.
8. ALL DRAINAGE STRUCTURES THAT ARE CONSTRUCTED, RECONSTRUCTED OR ADJUSTED SHALL BE CLEANED OF ANY ACCUMULATED SILT OR DEBRIS. THIS WORK WILL BE INCLUDED IN THE THE COST OF VARIOUS DRAINAGE STRUCTURE PAY ITEMS.
9. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
10. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING THE PROPOSED SIDEWALK AND ADJOINING RAMPS IN ACCORDANCE WITH APPLICABLE ADA STANDARDS.
11. ALL DETECTABLE WARNING PANELS SHALL BE PLACED IN ACCORDANCE WITH APPLICABLE HIGHWAY STANDARDS.
12. EXISTING UNDERGROUND AND ABOVE-GRADE UTILITY STRUCTURES AND FACILITIES HAVE BEEN PLOTTED ON THESE PLANS BASED ON TOPOGRAPHIC SURVEYS CONDUCTED DURING DESIGN. THE LOCATIONS OF THESE FEATURES MUST BE CONSIDERED APPROXIMATE ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES WHICH DID NOT EXIST OR WERE NOT KNOWN DURING PREPARATION OF THESE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL EXISTING FACILITIES LOCATED IN THE FIELD PRIOR TO ANY CONSTRUCTION ACTIVITIES AND TO PROTECT ALL SUCH FACILITIES THROUGHOUT CONSTRUCTION.

## GENERAL NOTES

13. THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. REFER TO THE SPECIAL PROVISIONS "STATUS OF UTILITIES TO BE ADJUSTED" FOR ADDITIONAL INFORMATION:  
  
AMEREN IP  
AT&T  
CHARTER COMMUNICATIONS  
EVERSTREAM GLC HOLDING CO  
MCI / VERIZON  
VILLAGE OF GLEN CARBON
14. OFFSET - = LT  
OFFSET + = RT
15. ALL EXISTING SIGNAGE THAT IS TO BE REMOVED SHALL BE GIVEN TO THE VILLAGE OF GLEN CARBON UNLESS THE SIGNS ARE TO BE REINSTALLED AS PART OF THE PROJECT.

## COMMITMENTS

- TREES THREE (3) INCHES IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.
- NO TREE CUTTING BEYOND 100 FEET OF THE EDGE OF PAVEMENT OR RAILROAD WILL OCCUR.
- SHOULD THE PROJECT REQUIRE TEMPORARY OR PERMANENT LIGHTING, ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH FEDERAL HIGHWAY ADMINISTRATION GUIDE FOR BATS WHICH RECOMMENDS THAT LIGHTING DOES NOT INCREASE ILLUMINATION ABOVE AMBIENT CONDITIONS AND THAT INCORPORATES FULL CUT OFF, DOWNWARD FACING LIGHTS DIRECTED AWAY FROM FORESTED AREAS.

## HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE	SURFACE WIDENING	TRAIL SURFACE
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	10%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5FG
FRICTION AGG	MIXTURE "C"	MIXTURE "C"

\* SEE SECTION 1031 IN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

## HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604036-03	GRATE TYPE 8
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS

## APPLICATION RATES

THE FOLLOWING RATES OF APPLICATION WERE UTILIZED TO CALCULATE CONTRACT QUANTITIES:

AGGREGATES (SURFACE, BASE, BACKFILL)	2.10 TON/CY
BITUMINOUS MATERIALS - TACK COAT (EX. HMA, MILLED SURFACE, CONCRETE, MILLED/TINED CONCRETE)	0.05 LB/SF
BITUMINOUS MATERIALS - TACK COAT (BETWEEN HMA LIFTS, IL 4.75, BRICK)	0.025 LB/SF
BITUMINOUS MATERIAL - PRIME COAT (AGGREGATE BASES)	0.25 LB/SF
HOT-MIX ASPHALT SURFACE/BINDER/BASE	0.056 TON/SY PER INCH
NITROGEN FERTILIZER NUTRIENT	90 LB/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB/ACRE
AGRICULTURE GROUND LIMESTONE	2 TON/ACRE
MULCH	2 TON/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LB/ACRE

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VILLAGE OF GLEN CARBON

GENERAL NOTES, HIGHWAY STANDARDS AND COMMITMENTS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	2
CONTRACT NO. 97856				
ILLINOIS		FED. AID PROJECT		

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	46
20200100	EARTH EXCAVATION	CU YD	425
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100
20400800	FURNISHED EXCAVATION	CU YD	330
25000210	SEEDING, CLASS 2A	ACRE	0.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	40
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	40
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	40
25100115	MULCH, METHOD 2	ACRE	0.5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	80
28000305	TEMPORARY DITCH CHECKS	FOOT	63
28000500	INLET AND PIPE PROTECTION	EACH	31
30300011	AGGREGATE SUBGRADE IMPROVEMENT	TON	200
35101400	AGGREGATE BASE COURSE, TYPE B	TON	941
35300200	PORTLAND CEMENT CONCRETE BASE COURSE 7"	SQ YD	361

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	2
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	145
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	3184
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	173
40604002	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70	TON	149
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	43
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	12
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	413
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	337
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1585
42400800	DETECTABLE WARNINGS	SQ FT	161
44000100	PAVEMENT REMOVAL	SQ YD	358
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	527
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	36
44004250	PAVED SHOULDER REMOVAL	SQ YD	895

\* SPECIALTY ITEM

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VILLAGE OF GLEN CARBON

SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	3
CONTRACT NO. 97856			ILLINOIS FED. AID PROJECT	

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
44201321	CLASS C PATCHES, TYPE III, 7 INCH	SQ YD	25
50105220	PIPE CULVERT REMOVAL	FOOT	539
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1
54248510	CONCRETE COLLAR	CU YD	0.3
542C0220	PIPE CULVERTS, CLASS C, TYPE 1 15"	FOOT	34
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	126
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	254
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	143
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	98
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	17
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	17
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	1
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	7
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	13

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1603
67100100	MOBILIZATION	L SUM	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	22
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	5
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	161
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	288
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	20
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	432
* X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2
X1700066	POTHOLING	EACH	50
X4404700	SIDEWALK REMOVAL (SPECIAL)	SQ FT	62
X5230168	DOWNSPOUT CONNECTION	EACH	11
X6024242	INLETS, SPECIAL, NO. 1	EACH	2
X6024244	INLETS, SPECIAL, NO. 2	EACH	4

\* SPECIALTY ITEM

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VILLAGE OF GLEN CARBON

SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	4
CONTRACT NO. 97856			ILLINOIS FED. AID PROJECT	


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X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
X7240300	SIGN REMOVAL	EACH	2
* X8300001	LIGHT POLE (SPECIAL)	EACH	2
Z0012450	CONCRETE STEPS	CU YD	1.2
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	299
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	481
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	108
Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	190
# Z0076600	TRAINEES	Hour	500
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	500

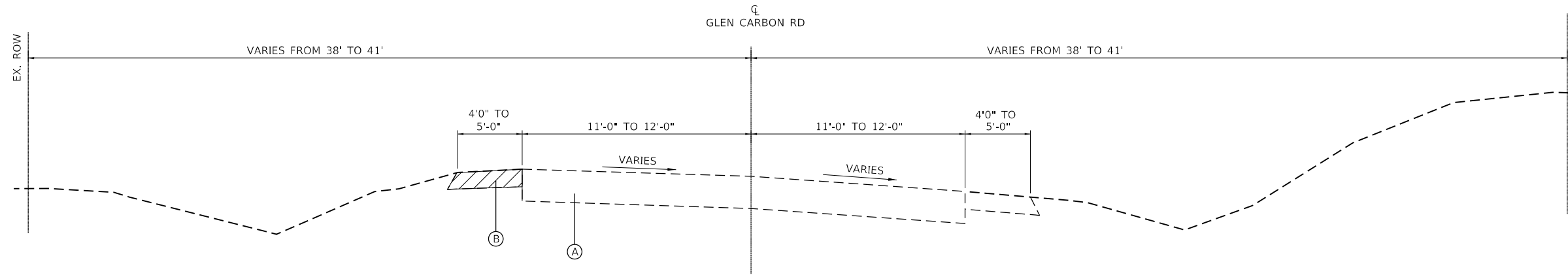
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\* SPECIALTY ITEM # = 0042

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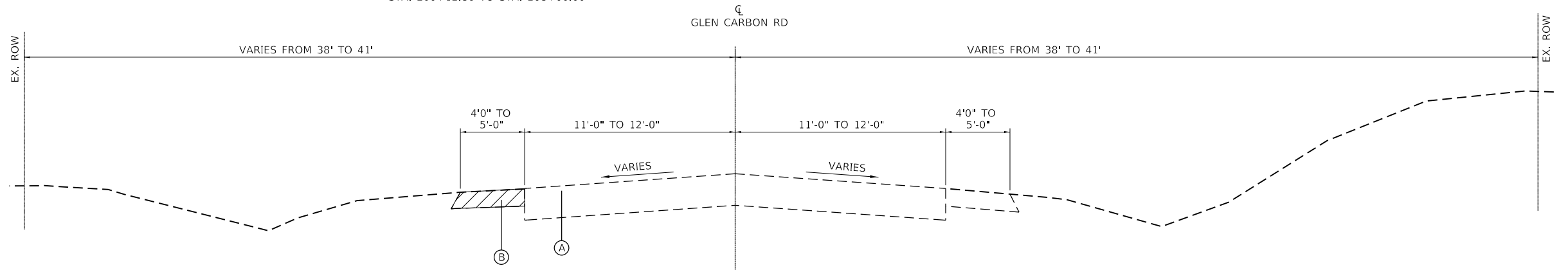
**LEGEND**

- Ⓐ EX. HMA PAVEMENT
  - Ⓑ EX. HMA SHOULDER
  - ① PR. COMB. CONC. CURB & GUTTER, TYPE B-6.24
  - ② PR. AGGREGATE BASE COURSE, TYPE B, 4"
  - ③ PR. AGGREGATE BASE COURSE, TYPE B, 6"
  - ④ PR. HMA SURFACE COURSE, IL-9.5FG, MIX "C", N70, 2"
  - ⑤ PR. HMA SURFACE COURSE, IL-9.5, MIX "C", N70, 2"
  - ⑥ PR. BITUMINOUS MATERIALS (PRIME COAT)
  - ⑦ PR. EMBANKMENT / FURNISHED EXCAVATION
  - ⑧ PR. EARTH EXCAVATION
  - ⑨ PR. PCC BASE COURSE, 7"
  - ⑩ PR. BITUMINOUS MATERIALS (TACK COAT)
-  PAVED SHOULDER REMOVAL



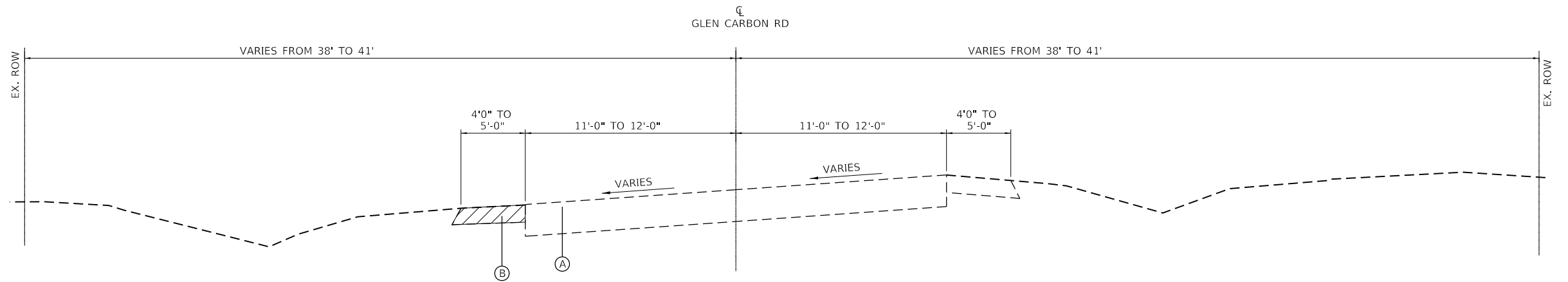
**EXISTING TYPICAL SECTION  
GLEN CARBON SHARED USED PATH**

STA. 200+12.86 TO STA. 208+00.00



**EXISTING TYPICAL SECTION  
GLEN CARBON SHARED USED PATH**

STA. 208+00.00 TO STA. 211+50.00



**EXISTING TYPICAL SECTION  
GLEN CARBON SHARED USED PATH**

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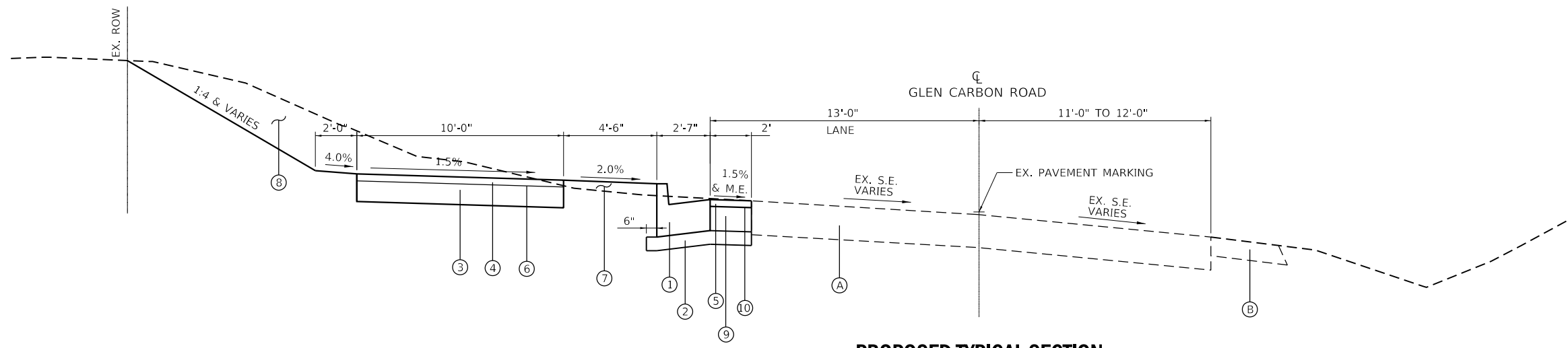
**VILLAGE OF GLEN CARBON**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	6
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				

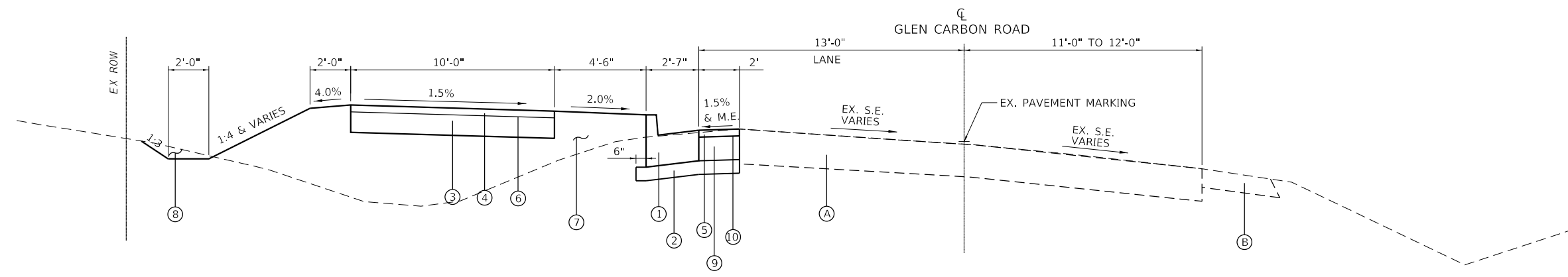
**LEGEND**

- (A) EX. HMA PAVEMENT
- (B) EX. HMA SHOULDER
- (1) PR. COMB. CONC. CURB & GUTTER, TYPE B-6.24
- (2) PR. AGGREGATE BASE COURSE, TYPE B, 4"
- (3) PR. AGGREGATE BASE COURSE, TYPE B, 6"
- (4) PR. HMA SURFACE COURSE, IL-9.5FG, MIX "C", N70, 2"
- (5) PR. HMA SURFACE COURSE, IL-9.5, MIX "C", N70, 2"
- (6) PR. BITUMINOUS MATERIALS (PRIME COAT)
- (7) PR. EMBANKMENT / FURNISHED EXCAVATION
- (8) PR. EARTH EXCAVATION
- (9) PR. PCC BASE COURSE, 7"
- (10) PR. BITUMINOUS MATERIALS (TACK COAT)



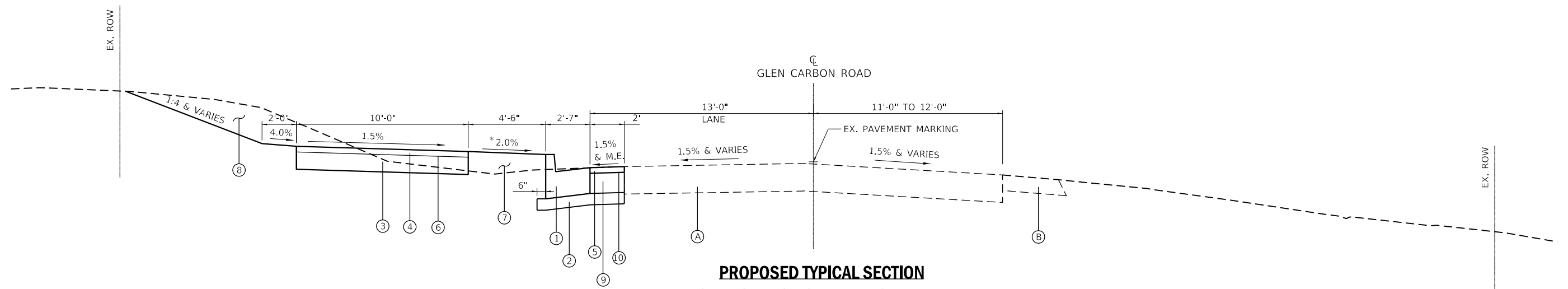
**PROPOSED TYPICAL SECTION  
GLEN CARBON SHARED USED PATH**

STA. 200+12.86 TO STA. 202+00.00



**PROPOSED TYPICAL SECTION  
GLEN CARBON SHARED USED PATH**

STA. 202+00.00 TO STA. 208+00.00



**PROPOSED TYPICAL SECTION  
GLEN CARBON SHARED USED PATH**

STA. 209+25.00 TO STA. 211+30.00  
\* STA. 210+25.00 TO STA. 211+30.00 - 1:4

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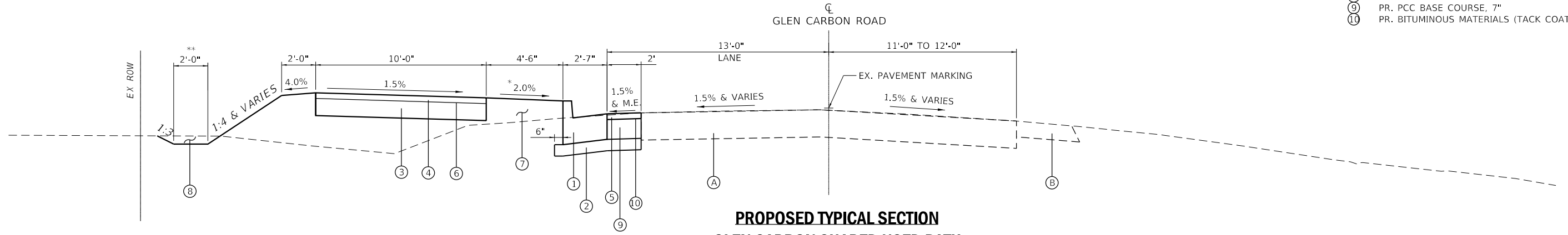
**VILLAGE OF GLEN CARBON**

SCALE: N.T.S.		SHEET 2 OF 3 SHEETS		STA.	TO STA.
		<b>TYPICAL SECTIONS</b>			

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	7
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				

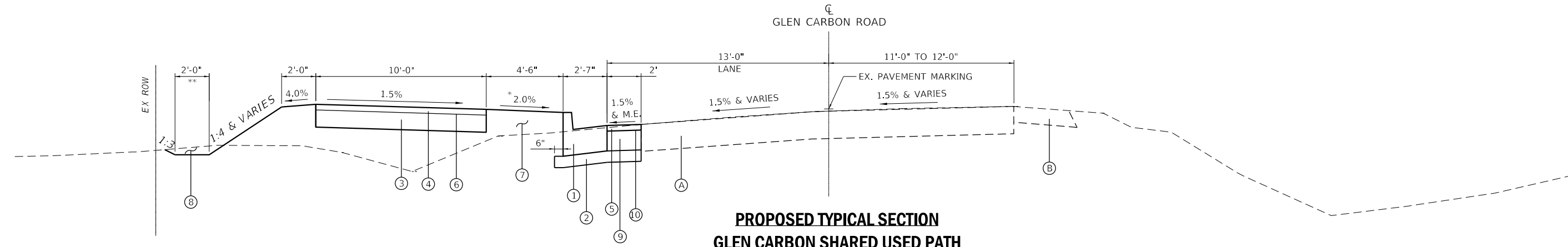
**LEGEND**

- Ⓐ EX. HMA PAVEMENT
- Ⓑ EX. HMA SHOULDER
- ① PR. COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ② PR. AGGREGATE BASE COURSE, TYPE B, 4"
- ③ PR. AGGREGATE BASE COURSE, TYPE B, 6"
- ④ PR. HMA SURFACE COURSE, IL-9.5FG, MIX "C", N70, 2"
- ⑤ PR. HMA SURFACE COURSE, IL-9.5, MIX "C", N70, 2"
- ⑥ PR. BITUMINOUS MATERIALS (PRIME COAT)
- ⑦ PR. EMBANKMENT / FURNISHED EXCAVATION
- ⑧ PR. EARTH EXCAVATION
- ⑨ PR. PCC BASE COURSE, 7"
- ⑩ PR. BITUMINOUS MATERIALS (TACK COAT)



**PROPOSED TYPICAL SECTION  
GLEN CARBON SHARED USED PATH**

STA. 208+00.00 TO STA. 209+25.00  
 STA. 211+30.00 TO STA. 211+50.00  
 \* STA. 211+30.00 TO STA. 211+50.00 - 1:4  
 \*\* STA. 208+00.00 TO STA. 209+00.00 - 1'-0"



**PROPOSED TYPICAL SECTION  
GLEN CARBON SHARED USED PATH**

STA. 211+50.00 TO STA. 216+29.46  
 \* STA. 211+50.00 TO STA. 212+25.00 - 1:4  
 \*\* STA. 215+75.00 TO STA. 216+29.46 - 0'-0"

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	DATE -	REVISED -



**VILLAGE OF GLEN CARBON**

<b>TYPICAL SECTIONS</b>	
SCALE: N.T.S.	SHEET 3 OF 3 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	8
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				



REMOVAL SCHEDULE										
LOCATION				COMBINATION CURB AND GUTTER REMOVAL	PIPE CULVERT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	SIGN REMOVAL	SIDEWALK REMOVAL (SPECIAL)
STATION	TO	STATION	NOTES	FOOT	FOOT	SQ YD	SQ YD	SQ YD	EACH	SQ FT
GLEN CARBON SHARED USE PATH										
200+12.54	TO	206+00.00	LT					325.6		
		200+42.62	OAKDALE LAKE				102.9			
		201+21.66	LT							62.3
		201+82.13	PE LT							
		202+06.50	PE LT		51.6	109.6				
		202+83.04	PE LT		20.9	31.2				
		203+50.62	PE LT		24.3	47.1				
		205+23.23	BRAD DRIVE	36.0	40.5		73.6			
205+89.13	TO	205+99.74	LT		30.1	17.1				
206+00.00	TO	212+00.00	LT					338.2		
206+77.31	TO	206+77.54	LT/RT		55.2					
		207+14.05	PE LT		30.0	44.5				
		208+92.77	PE LT		27.3	42.0				
		209+16.43	PE LT		23.8	31.7				
		210+21.16	PE LT		28.1	41.5				
212+00.00	TO	216+29.46	LT					231.2		
		212+32.48	PE LT		30.3	38.7				
212+65.92	TO	212+82.15	LT		16.2					
		213+16.29	PE LT		59.9	82.0				
		215+00.84	PE LT			41.3				
		215+46.05	LAKEWOOD		100.5		182.0		2	
TOTAL:				36	539	527	358	895	2	62

TREE REMOVAL SCHEDULE			
LOCATION			TREE REMOVAL (6 TO 15 UNITS DIAMETER)
STATION	OFFSET	LT/RT	UNIT
GLEN CARBON SHARED USE PATH			
202+34.61	40.33	LT	10
202+59.66	41.00	LT	9
206+09.29	35.25	LT	10
206+21.14	35.22	LT	11
206+37.30	36.19	LT	6
PAY TOTAL:			46

EARTHWORK SCHEDULE							
LOCATION			EARTH EXCAVATION	FOR INFORMATION ONLY			
STATION	TO	STATION		EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)	FURNISHED EXCAVATION
CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	
GLEN CARBON SHARED USE PATH							
200+12.86	TO	216+29.46	423	317	645	-328	328
SUB-TOTAL:			423	317	645	-328	328
PAY TOTAL:			425				330

CURB AND GUTTER SCHEDULE					
LOCATION			COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	AGGREGATE BASE COURSE, TYPE B *	
STATION	TO	STATION	FOOT	TON	
GLEN CARBON SHARED USE PATH					
200+54.82	TO	205+12.24	LT	484.5	38.7
205+34.43	TO	215+31.85	LT	1030.1	82.3
215+60.07	TO	216+29.46	LT	88.4	7.1
TOTAL:			1603	128	

\*SEE PAVING, SIDEWALK, AND ENTRANCE SCHEDULES FOR ADDITIONAL QUANTITY

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PLOT DATE = 1/21/2025

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VILLAGE OF GLEN CARBON

SCHEDULE OF QUANTITIES  
SCALE: N.T.S. SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97856	

**STORM SEWERS SCHEDULE**

LOCATION										CONCRETE COLLAR CU YD	STORM SEWER											
											PIPE CULVERTS	CLASS A, TYPE 1					CLASS A, TYPE 2		WATER MAIN REQUIREMENTS			
											CLASS C, TYPE 1	12"	15"	18"	24"	12"	15"	15 INCH	18 INCH	24 INCH	30 INCH	
PIPE	STR.	STATION	OFFSET	LT/RT	TO	STR.	STATION	OFFSET	LT/RT		15" FOOT	12" FOOT	15" FOOT	18" FOOT	24" FOOT	12" FOOT	15" FOOT	15 INCH FOOT	18 INCH FOOT	24 INCH FOOT	30 INCH FOOT	
<b>GLEN CARBON SHARED USE PATH</b>																						
1-1	P-1-1	201+50.00	15.23	LT	TO	P-1-2	202+65.00	14.70	LT									114.4				
1-2	P-1-2	202+65.00	14.70	LT	TO	P-1-4	203+35.00	15.29	LT									68.2				
1-3	P-1-3	202+65.00	38.36	LT	TO	P-1-4	202+65.00	14.70	LT			21.5										
1-4	P-1-4	203+35.00	15.29	LT	TO	P-1-6	204+75.00	15.22	LT				139.0									
1-5	P-1-5	203+35.00	39.26	LT	TO	P-1-4	203+35.00	15.29	LT			21.8										
1-6	P-1-6	204+75.00	15.22	LT	TO	P-1-10A	205+52.24	16.57	LT										75.9			
1-7	P-1-7	204+75.00	35.72	LT	TO	P-1-6	204+75.00	15.22	LT								17.4					
1-8	P-1-8	205+06.50	33.83	LT	TO	P-1-7	204+75.00	35.72	LT				29.8									
1-9	P-1-9	205+38.29	33.85	LT	TO	P-1-8	205+06.50	33.83	LT				30.0									
1-10A	P-1-10A	205+52.24	16.57	LT	TO	P-1-10	205+75.00	15.07	LT					20.7								
1-10	P-1-10	205+75.00	15.07	LT	TO	P-1-11	206+65.00	17.07	LT						88.5							
1-11	P-1-11	206+65.00	17.07	LT	TO	P-1-12	206+77.30	17.64	LT						9.5							
1-OUT	P-1-12	206+77.30	17.64	LT	TO		206+77.22	30.34	RT												46.5	
1-12	P-1-14	207+50.00	17.69	LT	TO	P-1-12	206+77.30	17.64	LT												70.7	
1-13	P-1-13	206+77.31	34.63	LT	TO	P-1-12	206+77.30	17.64	LT			14.9										
1-14	P-1-16	208+25.00	18.19	LT	TO	P-1-14	207+50.00	17.69	LT												72.4	
1-15	P-1-15	207+50.00	36.62	LT	TO	P-1-14	207+50.00	17.69	LT			16.7										
1-16	P-1-18	209+35.00	15.04	LT	TO	P-1-16	208+25.00	18.19	LT											107.5		
1-17	P-1-17	208+25.00	37.71	LT	TO	P-1-16	208+25.00	18.19	LT			12.0										
1-18	P-1-19	210+50.00	14.77	LT	TO	P-1-18	209+35.00	15.04	LT										112.7			
1-19	P-1-21	211+50.00	14.96	LT	TO	P-1-19	210+50.00	14.77	LT										97.6			
1-20	P-1-20	211+50.00	34.37	LT	TO	P-1-19	210+50.00	14.77	LT							17.1						
1-21	P-1-22	212+50.00	15.07	LT	TO	P-1-21	211+50.00	14.96	LT										97.5			
1-22	P-1-24	213+50.00	15.13	LT	TO	P-1-22	212+50.00	15.07	LT										97.4			
1-23	P-1-23	212+50.00	36.40	LT	TO	P-1-22	212+50.00	15.07	LT			19.2										
1-24	P-1-26	214+75.00	15.49	LT	TO	P-1-24	213+50.00	15.13	LT					122.3								
1-25	P-1-25	213+50.00	37.39	LT	TO	P-1-24	213+50.00	15.13	LT			20.1										
		216+25.00	28.18	RT	TO		215+90.69	28.19	RT	0.3	34.3											
1-26	P-1-26A	215+75.82	17.05	LT	TO	P-1-26	214+75.00	15.49	LT									98.3				
1-26A	P-1-27	216+25.00	14.87	LT	TO	P-1-26A	215+75.82	17.05	LT				46.9									
1-27	P-1-27A	216+35.00	15.05	LT	TO	P-1-27	216+25.00	14.87	LT				8.2									
1-27A		216+50.00	26.79	LT	TO	P-1-27A	216+35.00	15.05	LT									18.5				
<b>TOTAL:</b>										0.3	34	126	254	143	98	17	17	299	481	108	190	

**SEEDING SCHEDULE**

LOCATION		SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMP. EROSION CONTROL SEEDING (2 APPL.)
STATION	TO	STATION	ACRE	POUND	POUND	POUND	ACRE
<b>GLEN CARBON ROAD SUP</b>							
200+00.00	TO	216+50.00	0.411	37.0	37.0	37.0	0.411
<b>TOTAL:</b>			0.411	37.0	37.0	37.0	0.411
<b>PAY TOTAL:</b>			0.50	40	40	40	0.50

**SIDEWALK SCHEDULE**

LOCATION		PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	AGGREGATE BASE COURSE, TYPE B (4") *	DETECTABLE WARNING	CONCRETE STEPS
STATION	LT/RT	SQ FT	TON	SQ FT	CU YD
<b>GLEN CARBON SHARED USE PATH</b>					
200+62.65	TO	200+87.80	197.0	5.1	33.7
201+21.66		LT	16.5	0.4	1.2
204+86.47	TO	205+07.17	173.3	4.5	27.4
205+37.62	TO	205+58.30	173.4	4.5	27.5
215+06.78	TO	215+28.05	173.4	4.5	27.5
215+63.94	TO	216+29.45	677.2	17.6	35.5
215+91.97	TO	216+16.96	174.0	4.5	10.0
<b>TOTAL:</b>			1585	41	161

\*SEE CURB AND GUTTER, ENTRANCE, AND PAVING SCHEDULES FOR ADDITIONAL QUANTITY

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**VILLAGE OF GLEN CARBON**

**SCHEDULE OF QUANTITIES**

SCALE: N.T.S. SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	10
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				

SIGNAGE SCHEDULE											
LOCATION			DESCRIPTION				SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	TELESCOPING STEEL SIGN SUPPORT	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	SIGN PANEL - TYPE 1	
STATION			SIGN	SHAPE	SIZE		EACH	FOOT	EACH	SQ FT	
<b>GLEN CARBON SHARED USE PATH</b>											
200+93.17	32.73	LT	R1-1 STOP SIGN	OCT	18	X 18		13.9		2.25	
204+81.03	17.99	LT	R1-1 STOP SIGN	OCT	18	X 18		14.2		2.25	
205+46.91	31.53	LT	STREET SIGNS	REC X2	6	X VAR		13.6	1		
205+63.68	32.84	LT	R1-1 STOP SIGN	OCT	18	X 18		14.1		2.25	
210+86.92	18.03	LT	R2-1 SPEED LIMIT SIGN	REC	24	X 30		15.8	1		
212+50.96	24.00	RT	W11-15 BIKE AND PED CROSSING	REC	18	X 18		15.7		2.25	
			W16-9P AHEAD	REC	24	X 12				2.00	
213+74.72	17.97	LT	R4-1 DO NOT PASS SIGN	OCT	24	X 30		15.2	1		
214+89.19	18.32	LT	R1-1 STOP SIGN	REC	18	X 18		14.2		2.25	
215+27.13	36.03	LT	R1-1 STOP SIGN	OCT	30	X 30		15.2	1		
215+89.97	17.93	LT	MCT BUS SIGN	REC	12	X 6		13.2	1		
216+10.96	19.23	RT	W16-7P DOWNWARD DIAGONAL ARROW	REC	21	X 15	1			2.19	
216+17.85	17.74	LT	W16-7P DOWNWARD DIAGONAL ARROW	REC	21	X 15	1			2.19	
219+77.85	17.94	LT	W11-15 BIKE AND PED CROSSING	REC	18	X 18		15.8		2.25	
			W16-9P AHEAD	REC	24	X 12				2.00	
<b>TOTAL:</b>							<b>2</b>	<b>161</b>	<b>5</b>	<b>22</b>	

PAVING SCHEDULE											
LOCATION			AGGREGATE BASE COURSE, TYPE B *	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE BASE COURSE 7"	BITUMINOUS MATERIALS (TACK COAT)	CLASS C PATCHES, TYPE III, 7 INCH	INCIDENTIAL HOT-MIX ASPHALT SURFACING **	BITUMINOUS MATERIALS (PRIME COAT) **
STATION	TO	STATION	TON	TON	TON	SQ YD	SQ YD	POUND	SQ YD	TON	POUND
<b>GLEN CARBON SHARED USE PATH</b>											
200+12.86	TO	216+29.46	84.1		40.4		360.6	162.3			
200+42.62 (OAKDALE)			29.6			127.1					
200+87.79	TO	201+76.54	35.2	11.4							226.0
202+12.59	TO	202+76.86	25.4	8.3							163.4
202+88.52	TO	203+43.52	21.7	7.1							139.7
203+58.17	TO	204+86.50	50.8	16.5							326.7
205+23.23 (BRAD)			20.5			87.9					
205+58.28	TO	207+04.20	57.8	18.8							371.5
206+74.27	TO	206+80.27			2.8			11.1	24.7		
207+23.92	TO	207+85.55	23.8	7.7							152.7
207+99.60	TO	209+10.40	42.3	13.8							271.7
209+22.36	TO	210+13.26	35.0	11.4							224.7
210+29.26	TO	212+26.41	75.7	24.6							486.7
212+38.45	TO	213+04.07	24.6	8.0							158.1
213+28.17	TO	214+94.75	64.5	21.0							414.4
215+46.05 (LAKEWOOD)			46.0			122.3				8.4	168.6
<b>TOTAL:</b>			<b>637</b>	<b>149</b>	<b>43</b>	<b>337</b>	<b>361</b>	<b>173</b>	<b>25</b>	<b>8</b>	<b>3105</b>

\*SEE CURB AND GUTTER, SIDEWALK, AND ENTRANCE SCHEDULES FOR ADDITIONAL QUANTITY

\*\* SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

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CHECKED -	REVISED -
DATE -	REVISED -



VILLAGE OF GLEN CARBON

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	11
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE							
LOCATION					PAINT PAVEMENT MARKINGS		
					LINE 4"	LINE 12"	LINE 24"
					YELLOW	WHITE	WHITE
STATION	TO	STATION	LOCATION	TYPE	FOOT	FOOT	FOOT
GLEN CARBON ROAD SUP							
OAKDALE LAKE DRIVE			CROSSWALK	SOLID			132.0
			STOP BAR	SOLID			14.0
200+93.20			STOP BAR	SOLID		5.0	
200+93.20	TO	201+76.47	TRAIL CL	(3'-9') SKIP-DASH	21.2		
202+12.61	TO	202+76.82	TRAIL CL	(3'-9') SKIP-DASH	16.3		
202+88.60	TO	203+43.45	TRAIL CL	(3'-9') SKIP-DASH	14.0		
203+58.18	TO	204+81.09	TRAIL CL	(3'-9') SKIP-DASH	31.3		
204+81.09			STOP BAR	SOLID		5.0	
BRAD DRIVE			CROSSWALK	SOLID			93.0
			STOP BAR	SOLID			11.0
205+63.69			STOP BAR	SOLID		5.0	
205+63.69	TO	207+04.23	TRAIL CL	(3'-9') SKIP-DASH	35.8		
207+23.88	TO	207+84.09	TRAIL CL	(3'-9') SKIP-DASH	15.3		
208+01.04	TO	209+09.41	TRAIL CL	(3'-9') SKIP-DASH	27.2		
209+23.37	TO	210+13.25	TRAIL CL	(3'-9') SKIP-DASH	22.5		
210+29.28	TO	212+24.42	TRAIL CL	(3'-9') SKIP-DASH	48.7		
212+40.46	TO	213+04.02	TRAIL CL	(3'-9') SKIP-DASH	15.8		
213+28.14	TO	214+89.20	TRAIL CL	(3'-9') SKIP-DASH	40.1		
214+89.20			STOP BAR	SOLID		5.0	
LAKEWOOD DRIVE			CROSSWALK	SOLID			104.0
			STOP BAR	SOLID			14.0
216+10.45	TO	216+18.45	CROSSWALK	SOLID			64.0
TOTAL:					288	20	432

ENTRANCE SCHEDULE																
LOCATION			DIMENSIONS								AGGREGATE FOR TEMPORARY ACCESS	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	INCIDENTAL HOT-MIX ASPHALT SURFACING **	AGGREGATE SURFACE COURSE, TYPE A	AGGREGATE BASE COURSE, TYPE B *	BITUMINOUS MATERIALS (PRIME COAT) **
			LENGTH "L1"	LENGTH "L2"	LENGTH "L3"	WIDTH "W"	WIDTH "W1"	WIDTH "W2"	WIDTH "W3"	WIDTH "W4"						
STATION	LT/RT	TYPE	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	TON	SQ YD	TON	TON	TON	POUND
GLEN CARBON SHARED USE PATH																
201+82.13	LT	PE	4.5	15.0	5.0	21.0	12.0	12.0	12.0	12.0	12.4	35.4	0.8		9.8	15.0
202+06.50	LT	PE	4.5	15.0	5.0	21.0	12.0	12.0	12.0	12.0	12.4	35.4	0.8		9.8	15.0
202+83.04	LT	PE	4.5	15.0	0.0	21.0	12.0	12.0	12.0	0.0	9.9	28.3			6.6	
203+50.62	LT	PE	4.5	15.0	5.0	24.0	15.0	15.0	15.0	13.8	15.0	42.8			10.0	
207+14.05	LT	PE	4.5	15.0	0.0	29.0	20.0	20.0	18.0	0.0	15.8	45.0			10.5	
207+92.77	LT	PE	4.5	15.0	5.0	29.0	20.0	14.0	12.0	10.0	13.4	38.4	0.7		10.4	13.8
209+16.43	LT	PE	4.5	15.0	0.0	25.0	16.0	12.0	10.9	0.0	11.3	32.2			7.5	
210+21.16	LT	PE	4.5	15.0	5.4	25.0	16.0	16.0	16.0	12.4	12.9	36.9	1.0		10.6	19.1
212+32.48	LT	PE	4.5	15.0	3.0	29.0	20.0	12.0	12.0	10.2	12.8	36.7	0.4		9.4	8.3
213+16.29	LT	PE	4.5	15.0	3.0	33.0	24.0	24.0	24.0	14.3	19.0	54.3		2.2	31.7	
215+00.81	LT	PE	4.5	15.0	3.0	21.0	12.0	12.0	12.0	9.4	9.8	28.0	0.4		18.4	8.0
TOTAL:											145	413	4	2	135	79

\*SEE CURB AND GUTTER, SIDEWALK, AND PAVING SCHEDULES FOR ADDITIONAL QUANTITY

\*\* SEE PAVING SCHEDULE FOR ADDITIONAL QUANTITY

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 PLOT SCALE = 2,000' / 1 in.  
 PLOT DATE = 1/21/2025

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DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -



VILLAGE OF GLEN CARBON

SCALE: N.T.S. SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	12
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				

DRAINAGE STRUCTURES SCHEDULE											
STATION				INLETS, TYPE A			INLETS, TYPE B		INLETS, SPECIAL		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"
				TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	TYPE 8 GRATE	TYPE 3 FRAME AND GRATE	TYPE 8 GRATE	NO.1	NO.2	
STR.	STATION	OFFSET	LT/RT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
<b>GLEN CARBON SHARED USE PATH</b>											
P-1-1	201+50.00	15.23	LT		1						
P-1-2	202+65.00	14.70	LT				1				
P-1-3	202+65.00	38.36	LT			1					
P-1-4	203+35.00	15.29	LT				1				
P-1-5	203+35.00	39.26	LT			1					
P-1-6	204+75.00	15.22	LT				1				
P-1-7	204+75.00	35.72	LT					1			
P-1-8	205+06.50	33.83	LT						1		
P-1-9	205+38.29	33.85	LT						1		
P-1-10A	205+52.24	16.57	LT				1				
P-1-10	205+75.00	15.07	LT				1				
P-1-11	206+65.00	17.07	LT						1		
P-1-12	206+77.30	17.64	LT						1		
P-1-13	206+77.31	34.63	LT			1					
P-1-14	207+50.00	17.69	LT						1		
P-1-15	207+50.00	36.62	LT			1					
P-1-16	208+25.00	18.19	LT						1		
P-1-17	208+25.00	37.71	LT							1	
P-1-18	209+35.00	15.04	LT				1				
P-1-19	210+50.00	14.77	LT				1				
P-1-20	211+50.00	34.37	LT			1					
P-1-21	211+50.00	14.96	LT				1				
P-1-22	212+50.00	15.07	LT				1				
P-1-23	212+50.00	36.40	LT			1					
P-1-24	213+50.00	15.13	LT				1				
P-1-25	213+50.00	37.39	LT			1					
P-1-26	214+75.00	15.49	LT				1				
P-1-26A	215+75.82	17.05	LT				1				
P-1-27	216+25.00	14.87	LT				1				
P-1-27A	216+35.00	15.05	LT	1							
<b>TOTAL:</b>				<b>1</b>	<b>1</b>	<b>7</b>	<b>13</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>1</b>

EROSION CONTROL SCHEDULE				
LOCATION			TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION
STATION	OFFSET	LT/RT	FOOT	EACH
<b>GLEN CARBON SHARED USE PATH</b>				
201+50.00	15.23	LT		1
202+42.19	37.27	LT	9	
202+65.00	14.70	LT		1
202+65.00	38.36	LT		1
203+12.15	39.41	LT	9	
203+35.00	15.29	LT		1
203+35.00	39.26	LT		1
204+24.66	37.14	LT	9	
204+75.00	15.22	LT		1
204+75.00	35.72	LT		1
205+06.50	33.83	LT		1
205+38.29	33.85	LT		1
205+52.24	16.57	LT		1
205+75.00	15.07	LT		1
206+24.66	35.14	LT	9	
206+65.00	17.07	LT		1
206+77.30	17.64	LT		1
206+77.31	34.63	LT		1
207+50.00	17.69	LT		1
207+50.00	36.62	LT		1
208+25.00	18.19	LT		1
208+25.00	37.71	LT		1
208+62.88	38.23	LT	9	
209+35.00	15.04	LT		1
210+50.00	14.77	LT		1
211+50.00	34.37	LT		1
211+50.00	14.96	LT		1
211+74.65	35.11	LT	9	
212+50.00	15.07	LT		1
212+50.00	36.40	LT		1
213+50.00	15.13	LT		1
213+50.00	37.39	LT		1
214+24.23	37.55	LT	9	
214+75.00	15.49	LT		1
215+75.82	17.05	LT		1
216+25.00	14.87	LT		1
216+25.00	28.18	RT		1
216+50.00	26.76	LT		1
<b>TOTAL:</b>			<b>63</b>	<b>31</b>

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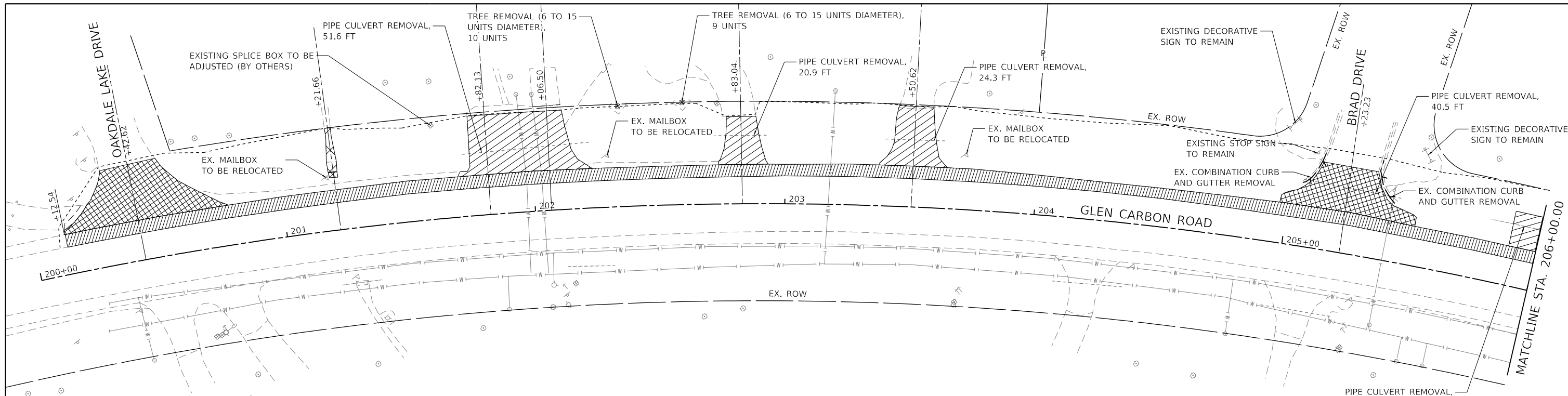


VILLAGE OF GLEN CARBON

SCALE: N.T.S. SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	13
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				



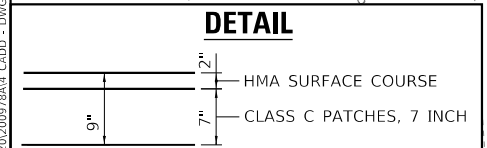
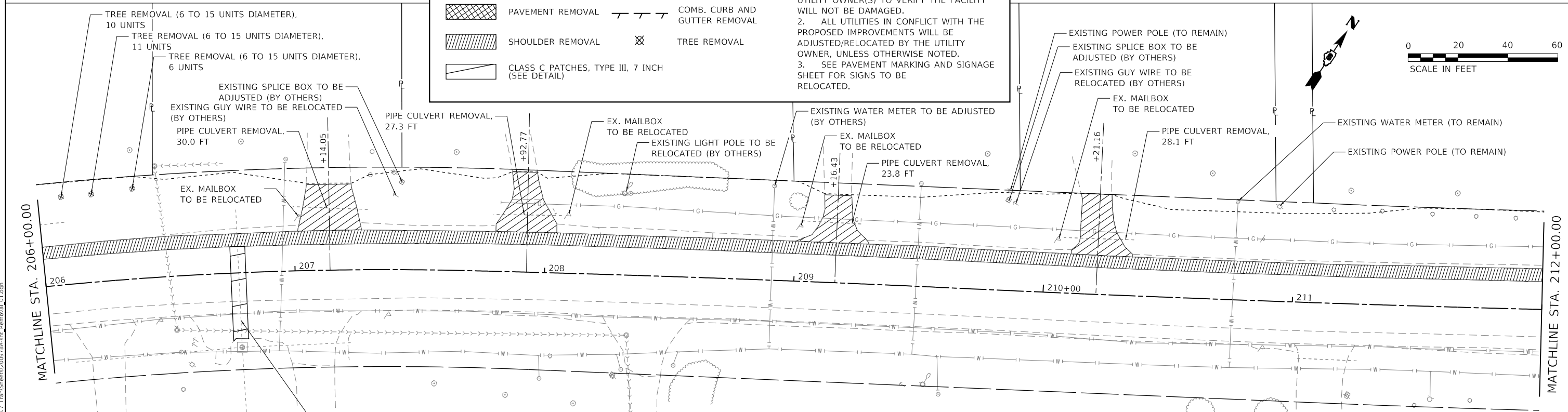
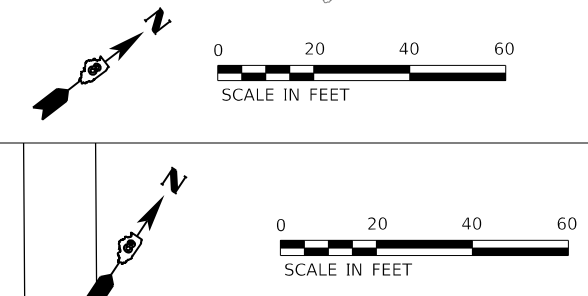


**LEGEND**

	SIDEWALK REMOVAL (SPECIAL)		DRIVEWAY REMOVAL
	PAVEMENT REMOVAL		COMB. CURB AND GUTTER REMOVAL
	SHOULDER REMOVAL		TREE REMOVAL
	CLASS C PATCHES, TYPE III, 7 INCH (SEE DETAIL)		

**NOTES**

- WHERE UNDERGROUND UTILITIES EXIST WITHIN THE LIMITS OF PAVEMENT OR SHOULDER REMOVAL, THE CONTRACTOR IS TO COORDINATE THE OPERATION WITH THE UTILITY OWNER(S) TO VERIFY THE FACILITY WILL NOT BE DAMAGED.
- ALL UTILITIES IN CONFLICT WITH THE PROPOSED IMPROVEMENTS WILL BE ADJUSTED/RELOCATED BY THE UTILITY OWNER, UNLESS OTHERWISE NOTED.
- SEE PAVEMENT MARKING AND SIGNAGE SHEET FOR SIGNS TO BE RELOCATED.



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 LICENSE NO: 184-001220  
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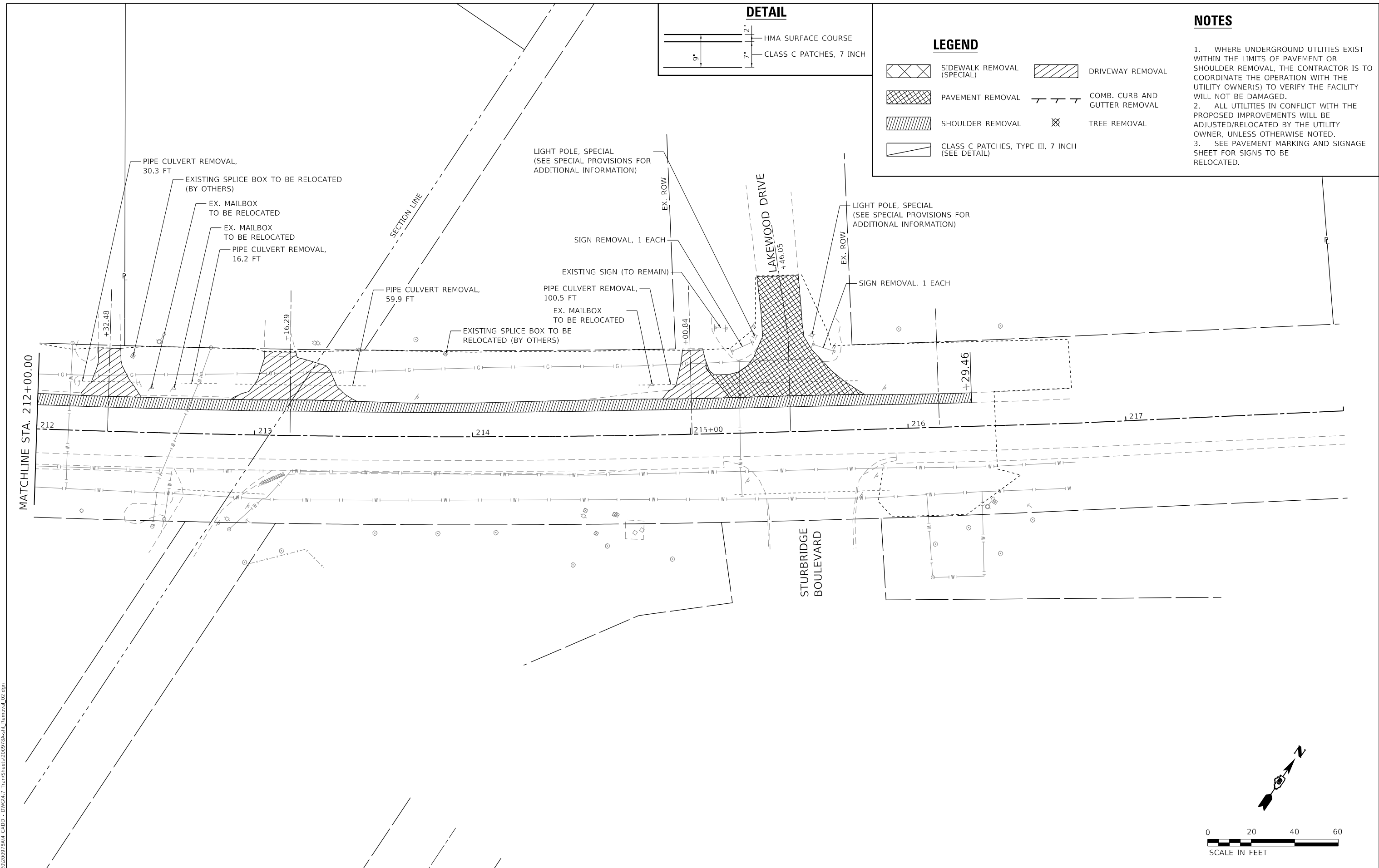
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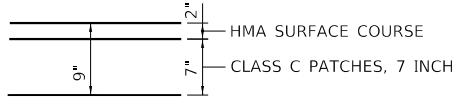
**VILLAGE OF GLEN CARBON**

**REMOVAL PLAN**  
 SCALE: 1" = 20'  
 SHEET 1 OF 2 SHEETS  
 STA. 200+00.00 TO STA. 212+00.00

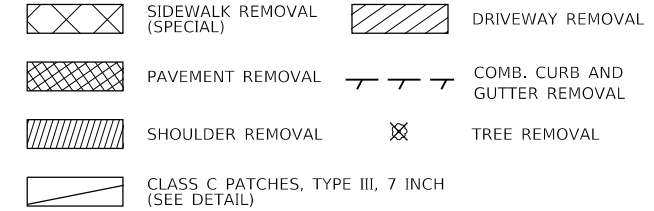
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	14
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				



**DETAIL**



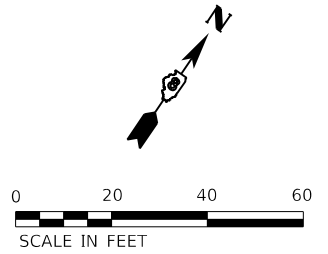
**LEGEND**



**NOTES**

1. WHERE UNDERGROUND UTILITIES EXIST WITHIN THE LIMITS OF PAVEMENT OR SHOULDER REMOVAL, THE CONTRACTOR IS TO COORDINATE THE OPERATION WITH THE UTILITY OWNER(S) TO VERIFY THE FACILITY WILL NOT BE DAMAGED.
2. ALL UTILITIES IN CONFLICT WITH THE PROPOSED IMPROVEMENTS WILL BE ADJUSTED/RELOCATED BY THE UTILITY OWNER, UNLESS OTHERWISE NOTED.
3. SEE PAVEMENT MARKING AND SIGNAGE SHEET FOR SIGNS TO BE RELOCATED.

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USER NAME = efisher	DESIGNED -	REVISED -
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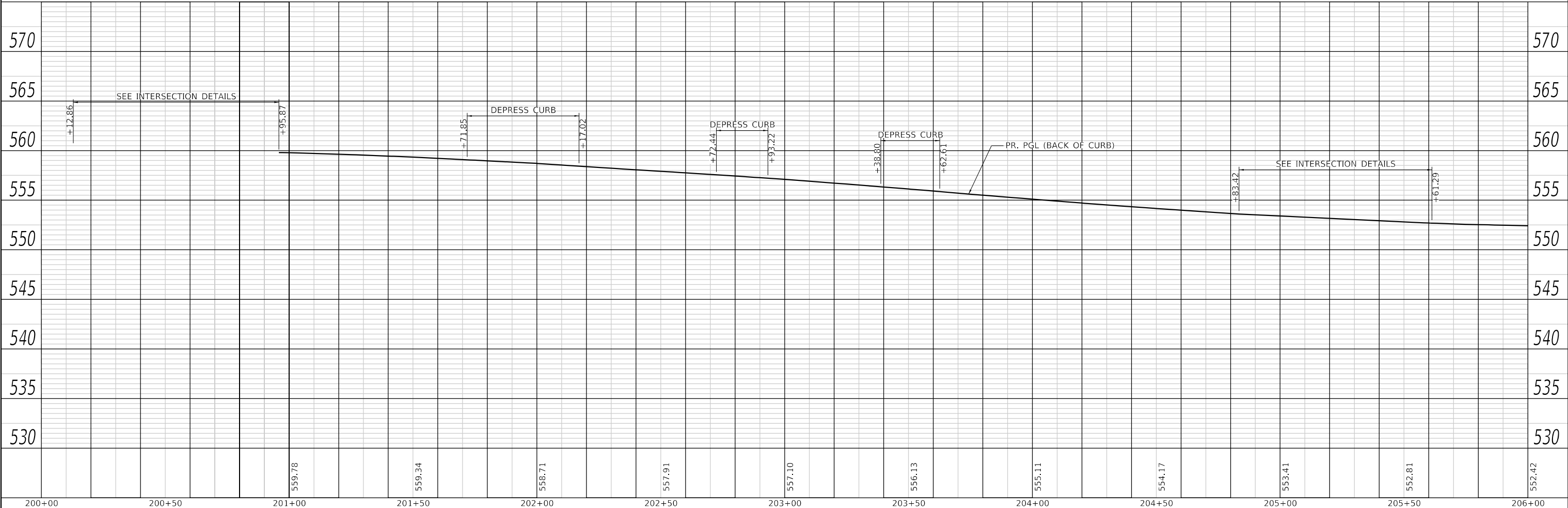
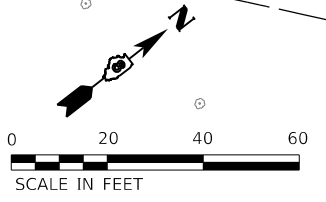
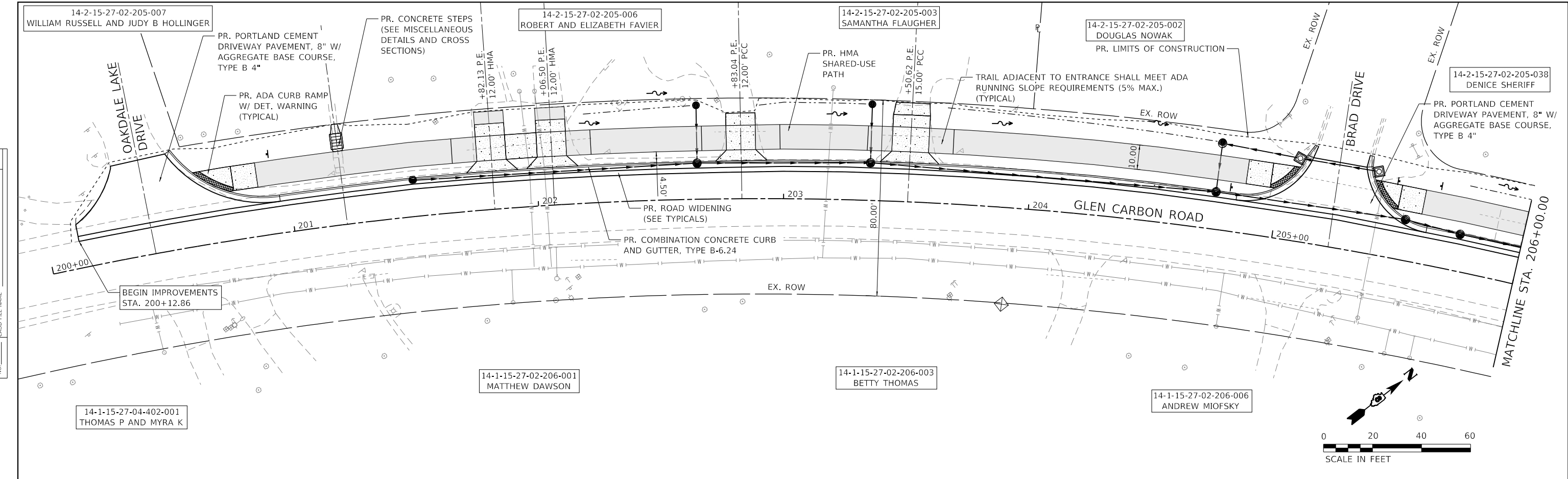
**VILLAGE OF GLEN CARBON**

<b>REMOVAL PLAN</b>	
SCALE: 1" = 20'	SHEET 2 OF 2 SHEETS
STA. 212+00.00 TO STA. 216+29.46	

F.A.U. RTE. 8896	SECTION 23-00032-01-BT	COUNTY MADISON	TOTAL SHEETS 39	SHEET NO. 15
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
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USER NAME	= elfisher
PLOT SCALE	= 40.0000 ' / in.
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DATE	-	REVISED	-



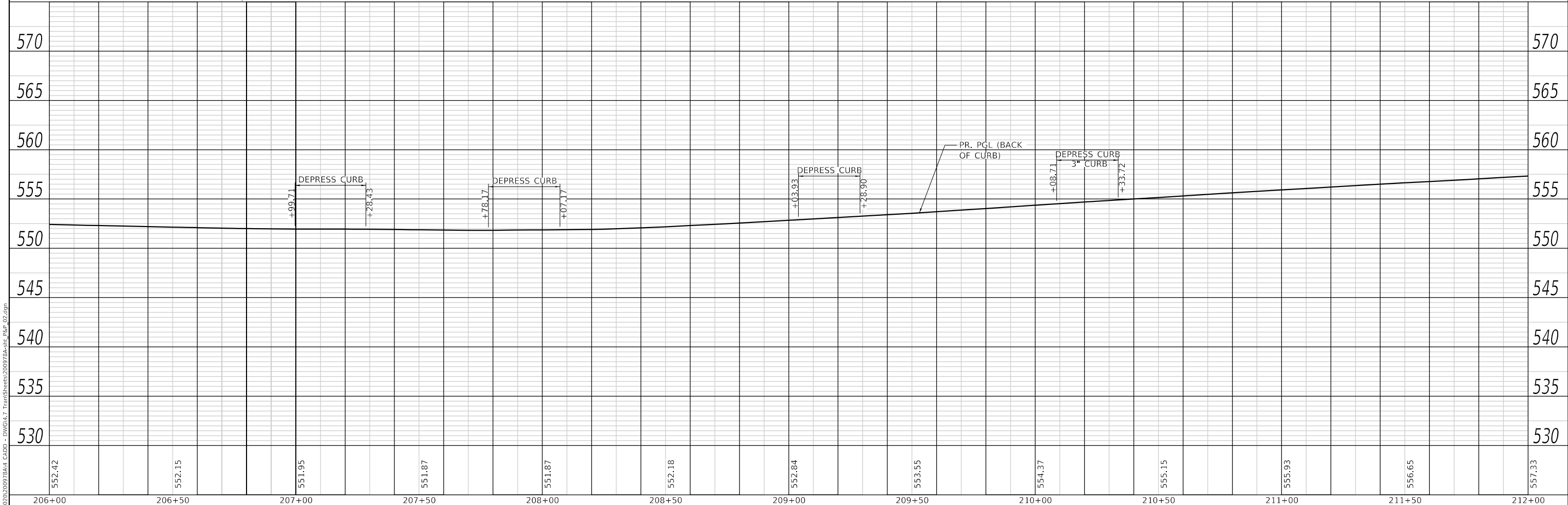
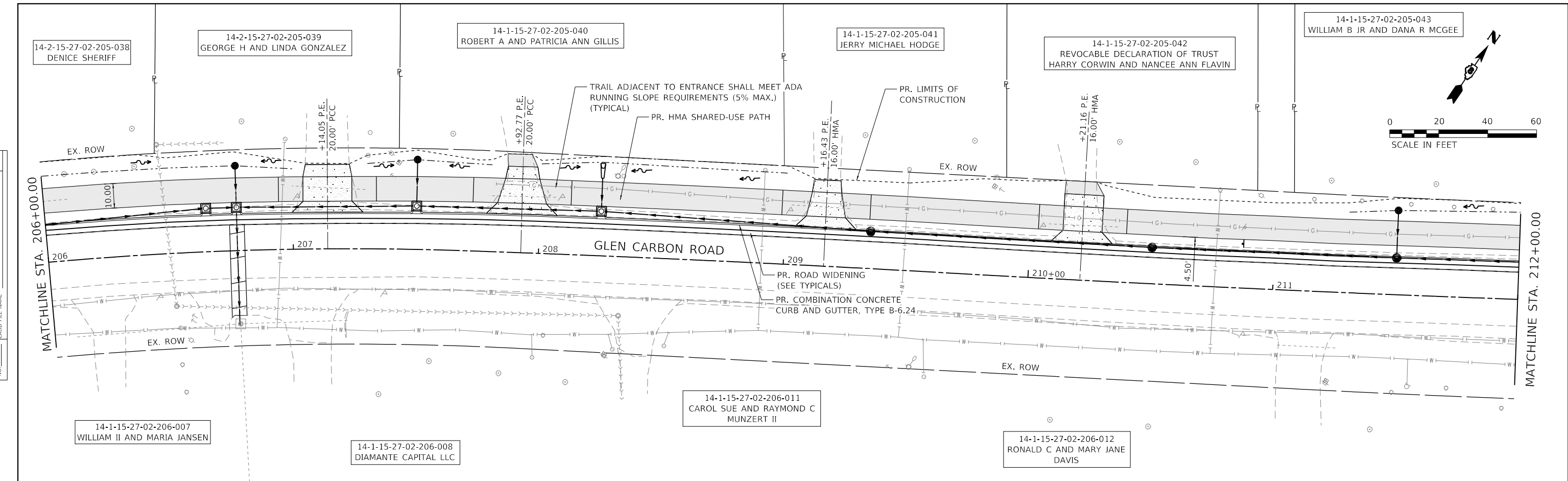
**VILLAGE OF GLEN CARBON**

<b>PLAN AND PROFILE SHEET</b>			
SCALE: 1" = 20'	SHEET 1	OF 3 SHEETS	STA. 200+12.86 TO STA. 206+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	16
CONTRACT NO. 97856			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
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	CADD FILE NAME	

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



206+00	206+50	207+00	207+50	208+00	208+50	209+00	209+50	210+00	210+50	211+00	211+50	212+00
552.42	552.15	551.95	551.87	551.87	552.18	552.84	553.55	554.37	555.15	555.93	556.65	557.33

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USER NAME =	efisher
PLOT SCALE =	40.0000' / in.
PLOT DATE =	1/19/2025

DESIGNED -	REVISIONS
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DATE -	REVISIONS



**VILLAGE OF GLEN CARBON**

**PLAN AND PROFILE SHEET**

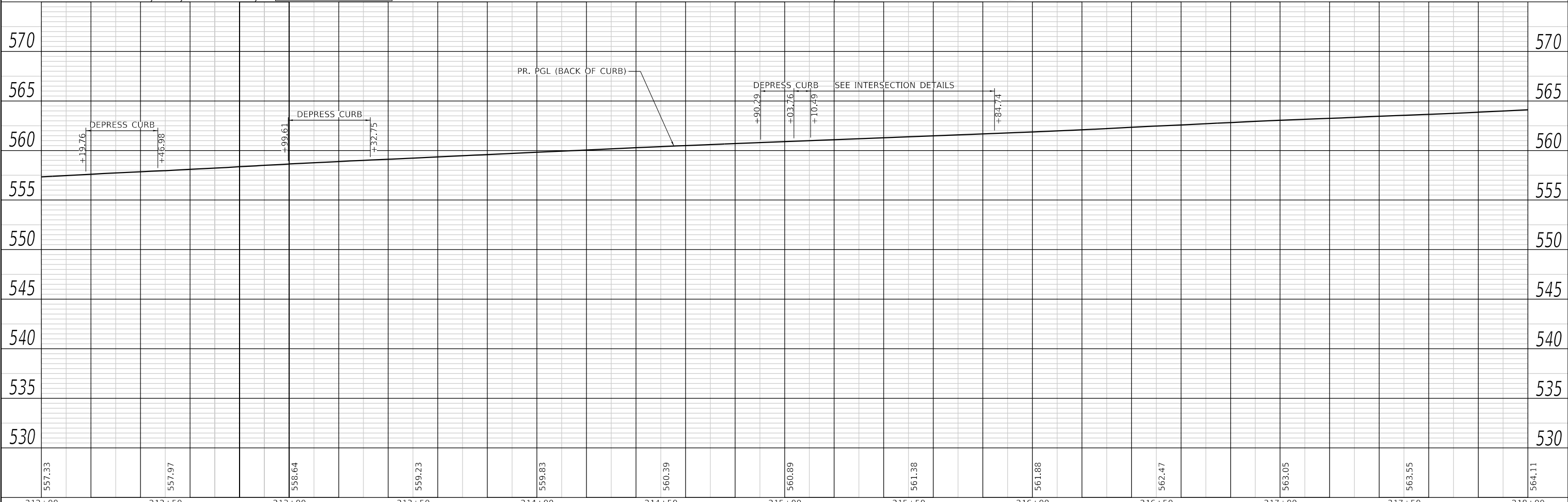
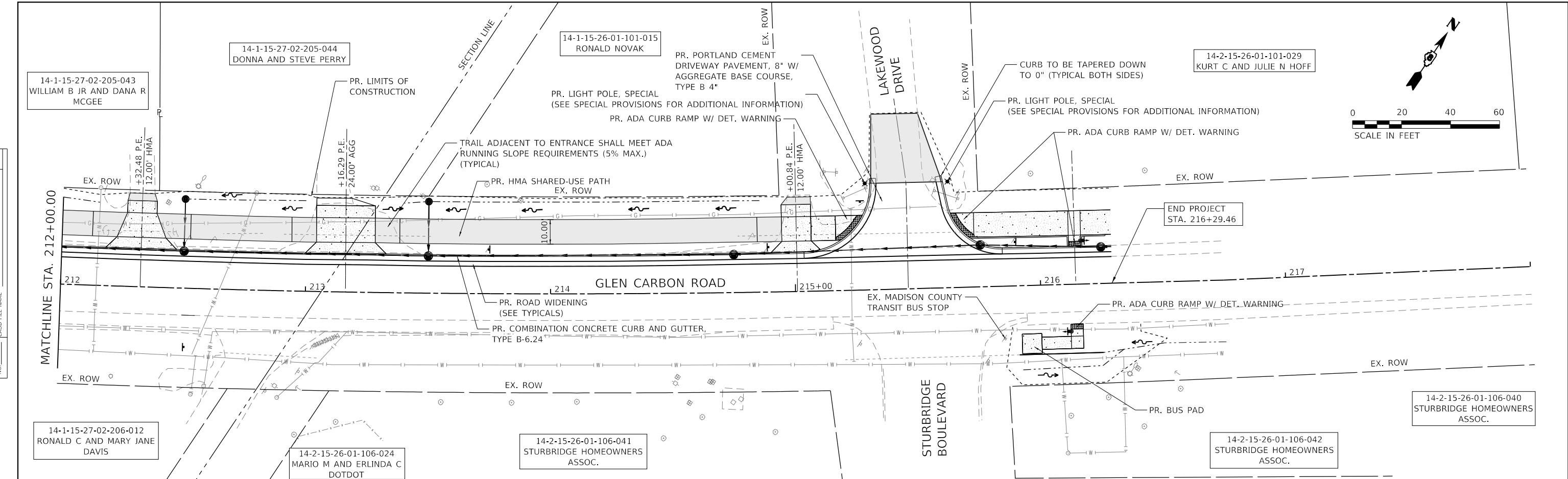
SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 206+00.00 TO STA. 212+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	17
CONTRACT NO. 97856			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	FILED	NO.
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	STRUCTURE	NOTATIONS
	NO.	



212+00	212+50	213+00	213+50	214+00	214+50	215+00	215+50	216+00	216+50	217+00	217+50	218+00
557.33	557.97	558.64	559.23	559.83	560.39	560.89	561.38	561.88	562.47	563.05	563.55	564.11



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VILLAGE OF GLEN CARBON

PLAN AND PROFILE SHEET			
SCALE: 1"=20'	SHEET 3	OF 3	SHEETS
STA. 212+00.00		TO STA. 216+29.46	

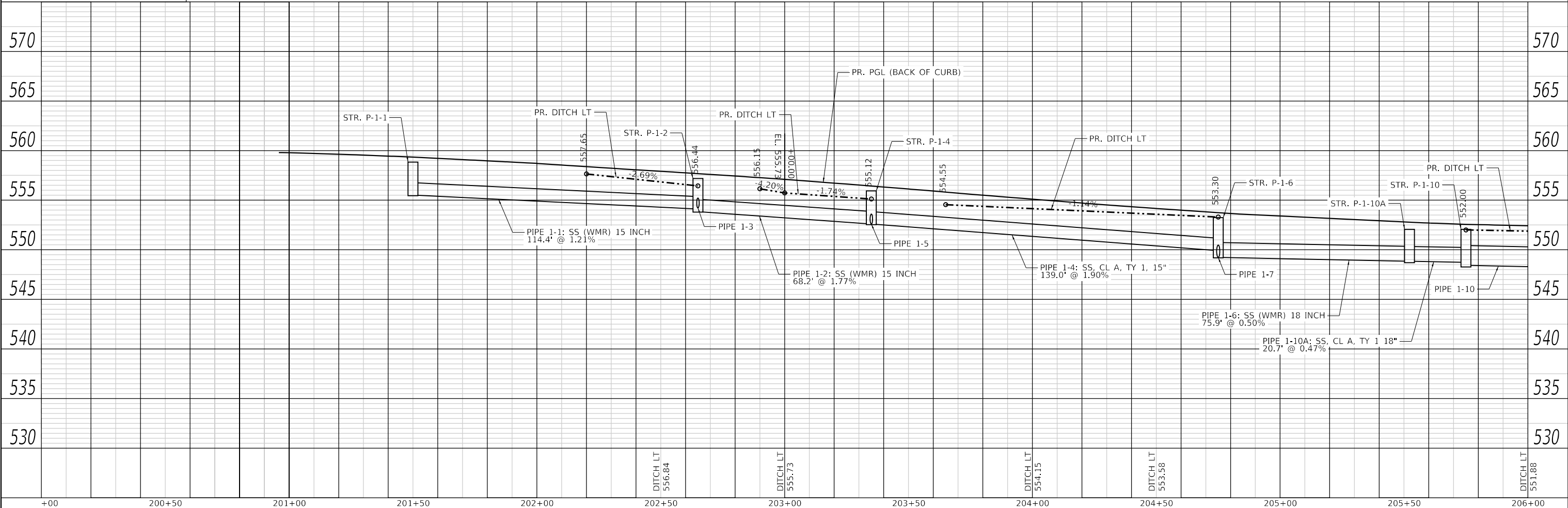
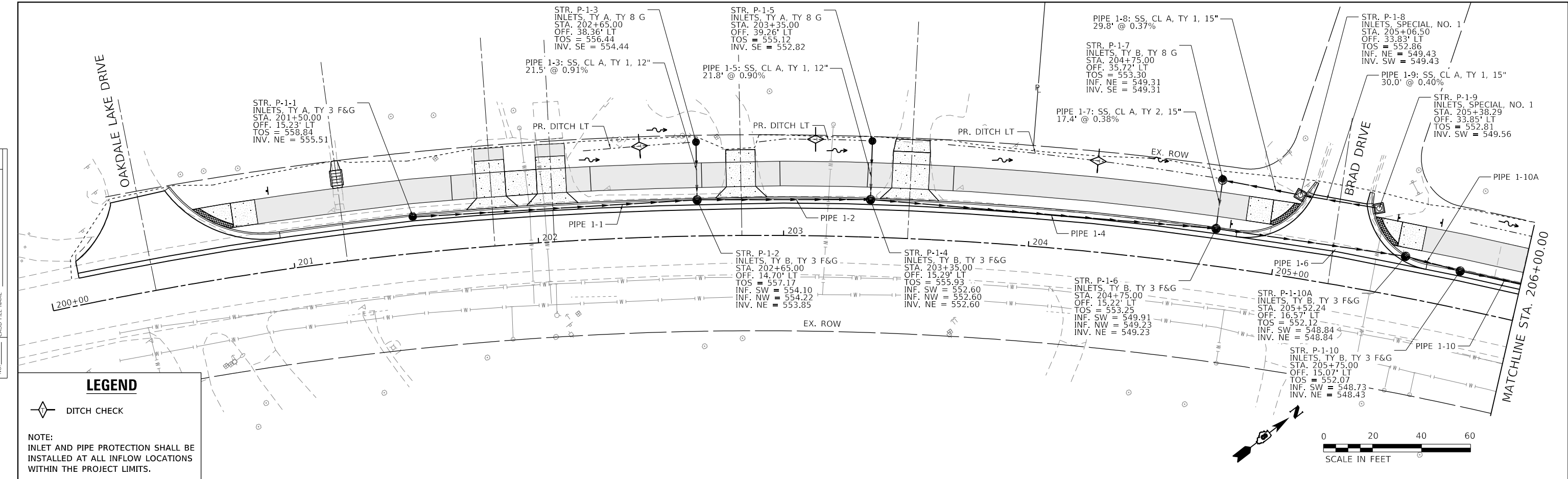
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8896	23-00032-01-BT	MADISON	39	18
CONTRACT NO. 97856				
ILLINOIS		FED. AID PROJECT		

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	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
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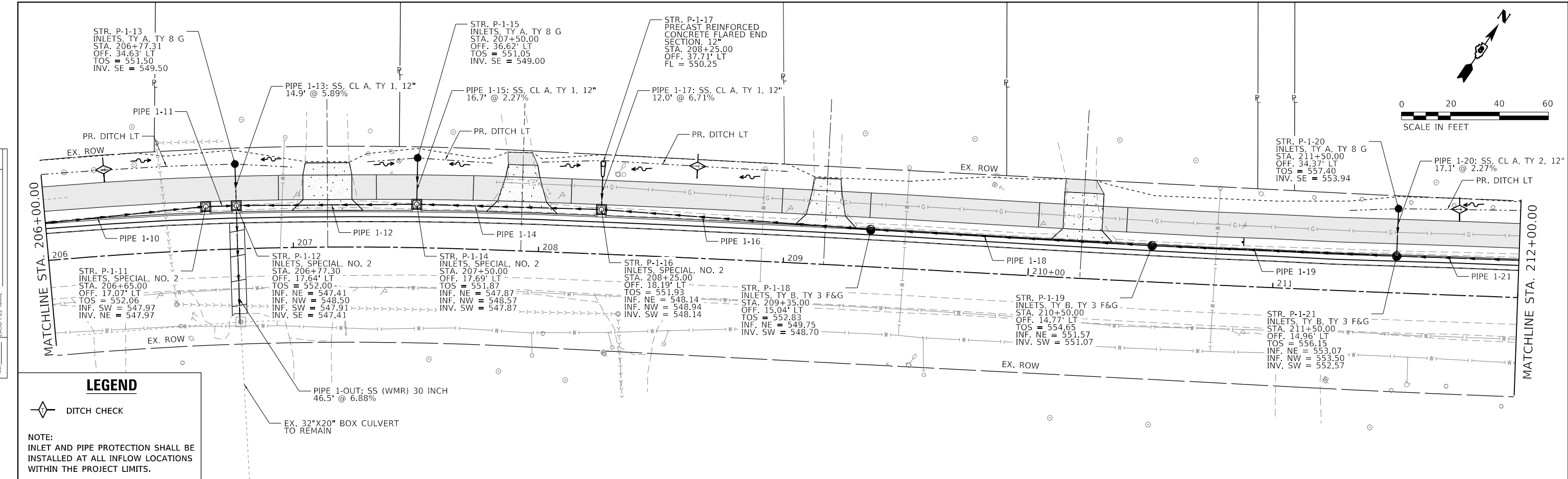


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DRAWN -	REVISIONS		SCALE: 1"=20'		SHEET 1 OF 3 SHEETS	STA. 200+12.86 TO STA. 206+00.00	CONTRACT NO. 97856		ILLINOIS FED. AID PROJECT			
CHECKED -	REVISIONS		USER NAME = efisher		DATE = 1/19/2025		PLOT SCALE = 40.0000" / 1'		PLOT DATE = 1/19/2025			
DATE -	REVISIONS		TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220		TWM ENGINEERING GEOSPATIAL SERVICES		TWM, INC.		TWM, INC.			

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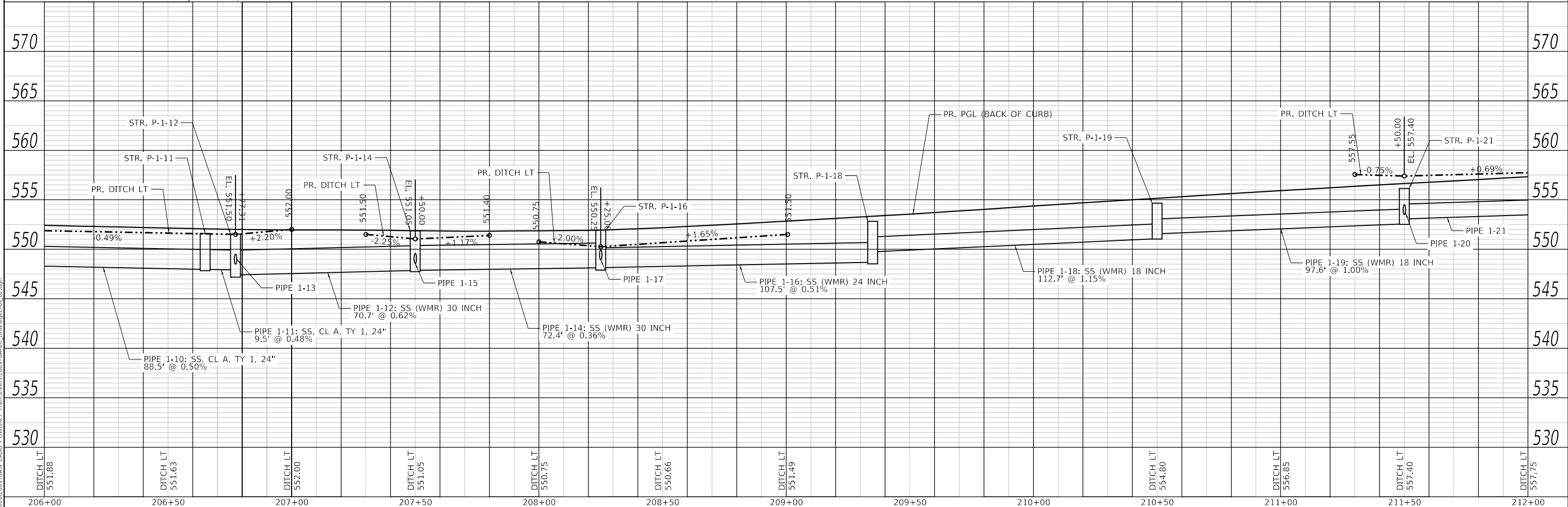
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	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
	NOTE BOOK
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**LEGEND**



NOTE:  
INLET AND PIPE PROTECTION SHALL BE  
INSTALLED AT ALL INFLOW LOCATIONS  
WITHIN THE PROJECT LIMITS.

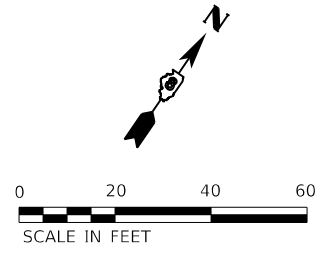
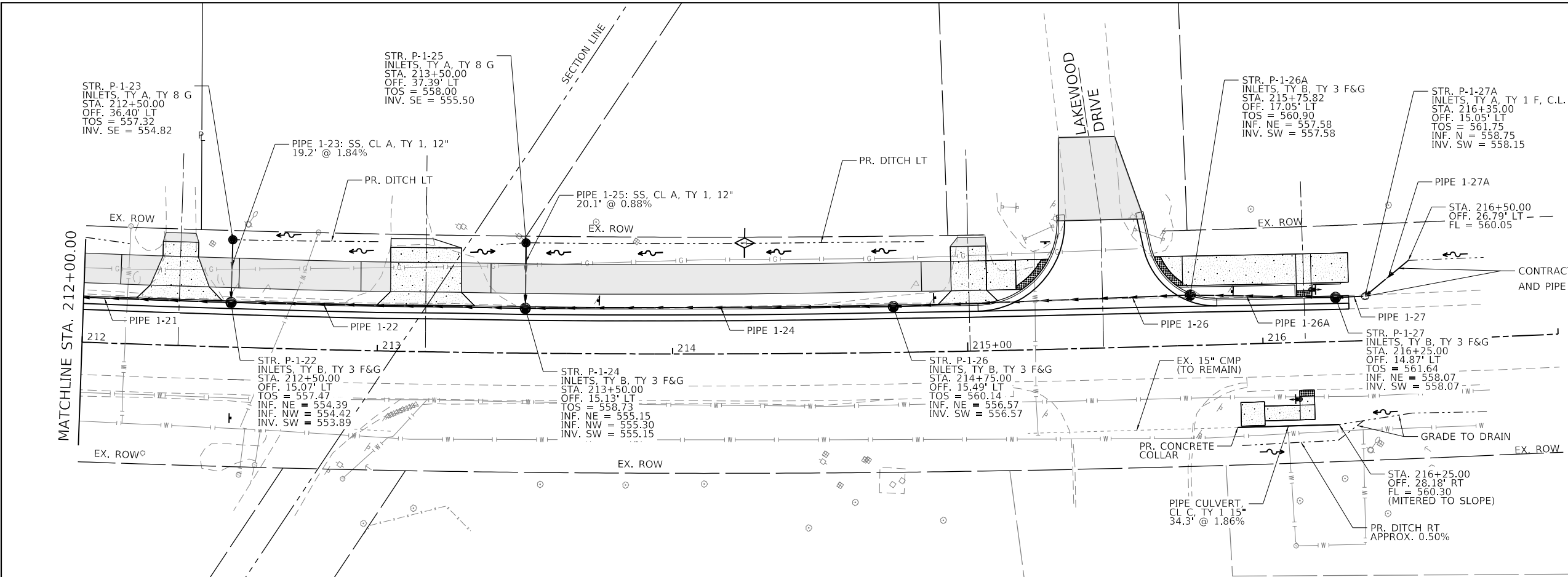


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TWM ENGINEERING GEOSPATIAL SERVICES	TWM, INC. www.twm-inc.com	DRAWN -	REVISOR -		SCALE: 1"=20'	SHEET 2 OF 3 SHEETS	STA. 206+00.00 TO STA. 212+00.00	8896	23-00032-01-BT	MADISON	39	20
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PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	

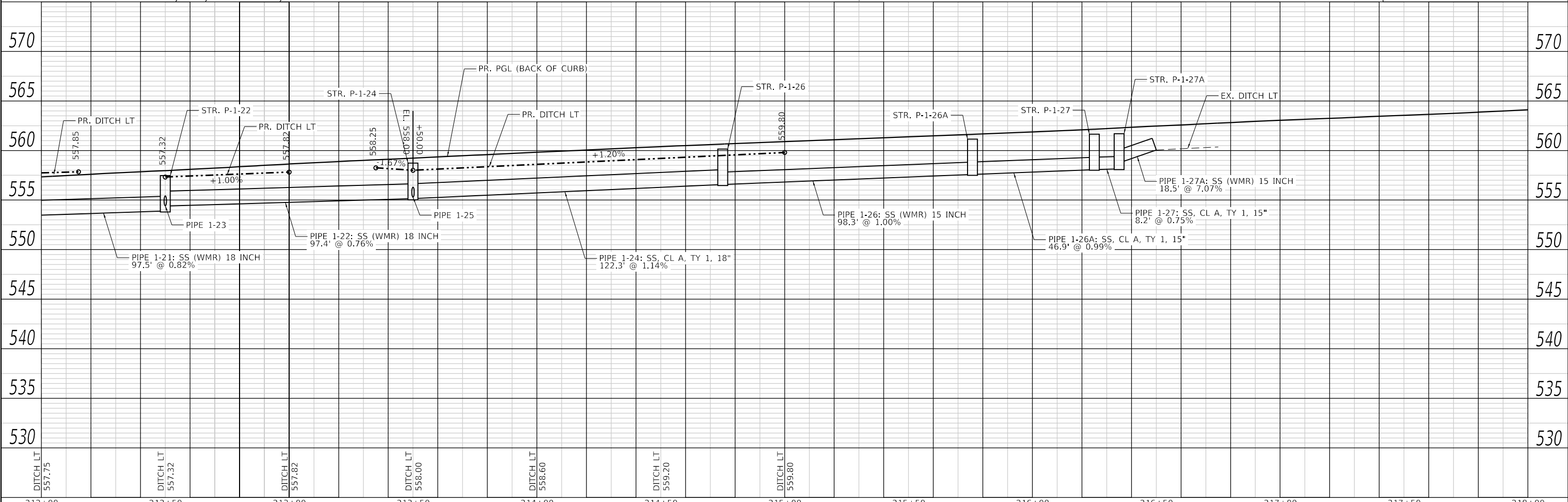
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**LEGEND**

DITCH CHECK

NOTE:  
 INLET AND PIPE PROTECTION SHALL BE INSTALLED AT ALL INFLOW LOCATIONS WITHIN THE PROJECT LIMITS.



212+00	212+50	213+00	213+50	214+00	214+50	215+00	215+50	216+00	216+50	217+00	217+50	218+00
DITCH LT 557.75	DITCH LT 557.32	DITCH LT 557.82	DITCH LT 558.00	DITCH LT 558.60	DITCH LT 559.20	DITCH LT 559.80						

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 ENGINEERING  
 GEOSPATIAL SERVICES

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 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME =	efisher
PLOT SCALE =	40,0000' / in.
DATE =	1/19/2025

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

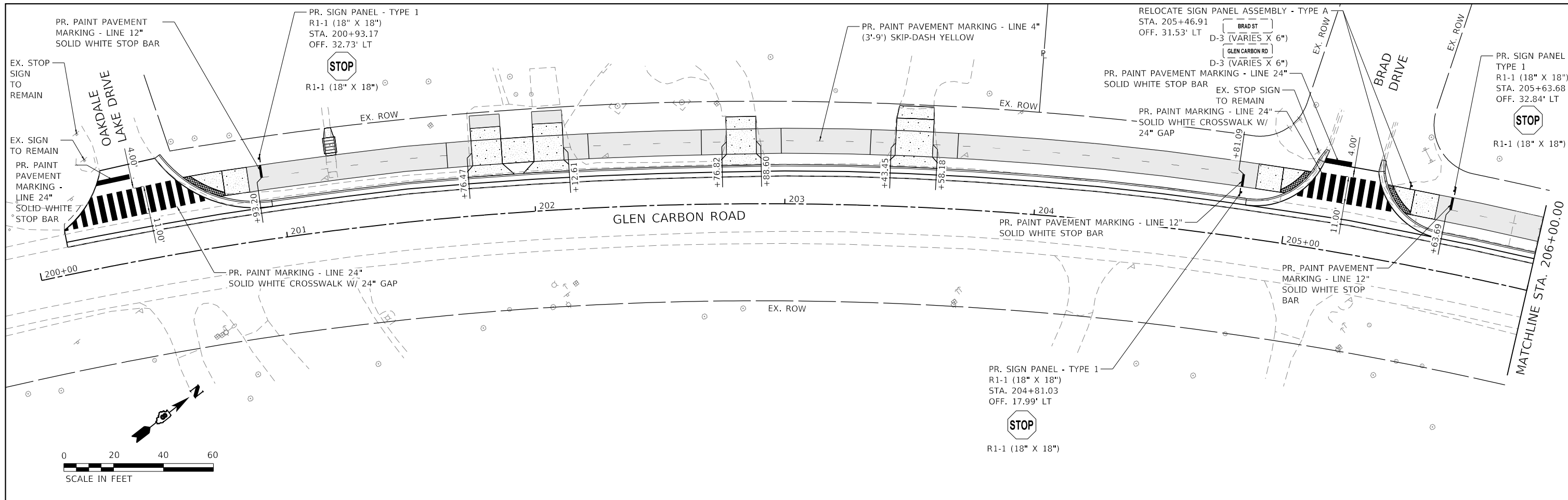


**VILLAGE OF GLEN CARBON**

**DRAINAGE AND EROSION CONTROL PLAN**

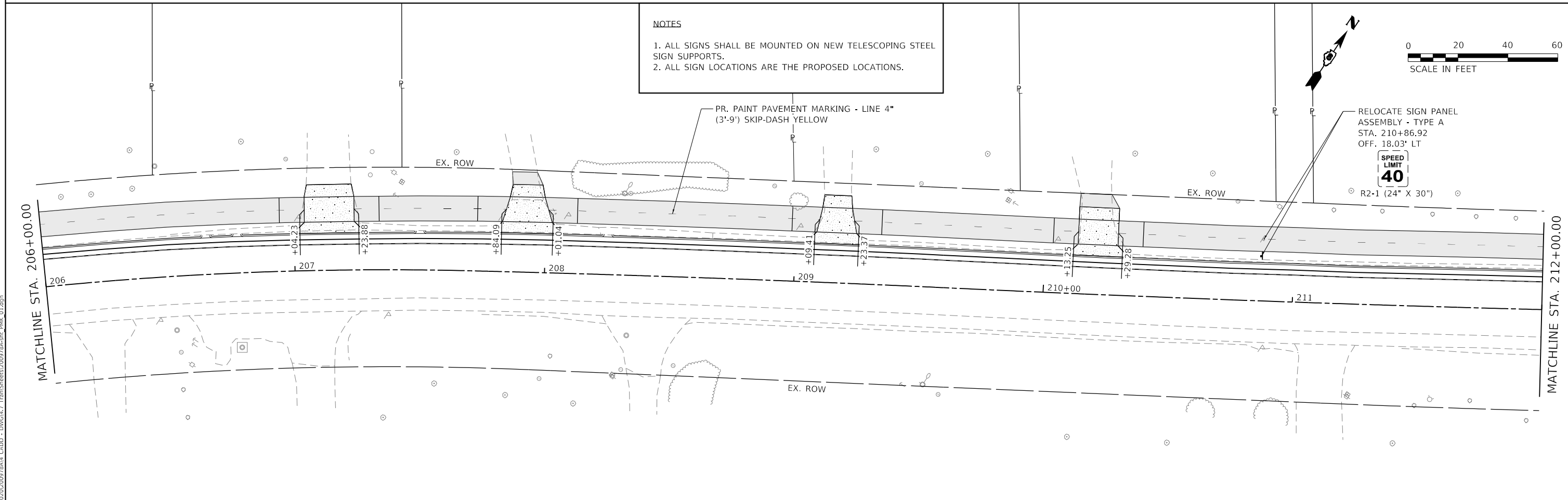
SCALE: 1"=20'    SHEET 3 OF 3 SHEETS    STA. 212+00.00 TO STA. 216+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	21
CONTRACT NO. 97856			ILLINOIS FED. AID PROJECT	



**NOTES**

1. ALL SIGNS SHALL BE MOUNTED ON NEW TELESCOPING STEEL SIGN SUPPORTS.
2. ALL SIGN LOCATIONS ARE THE PROPOSED LOCATIONS.



**VILLAGE OF GLEN CARBON**

**PAVEMENT MARKING AND SIGNAGE**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 200+00.00 TO STA. 212+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	22
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				

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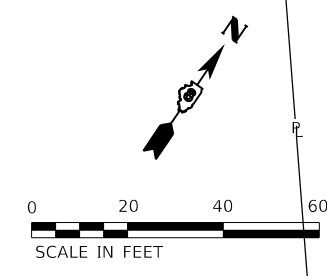
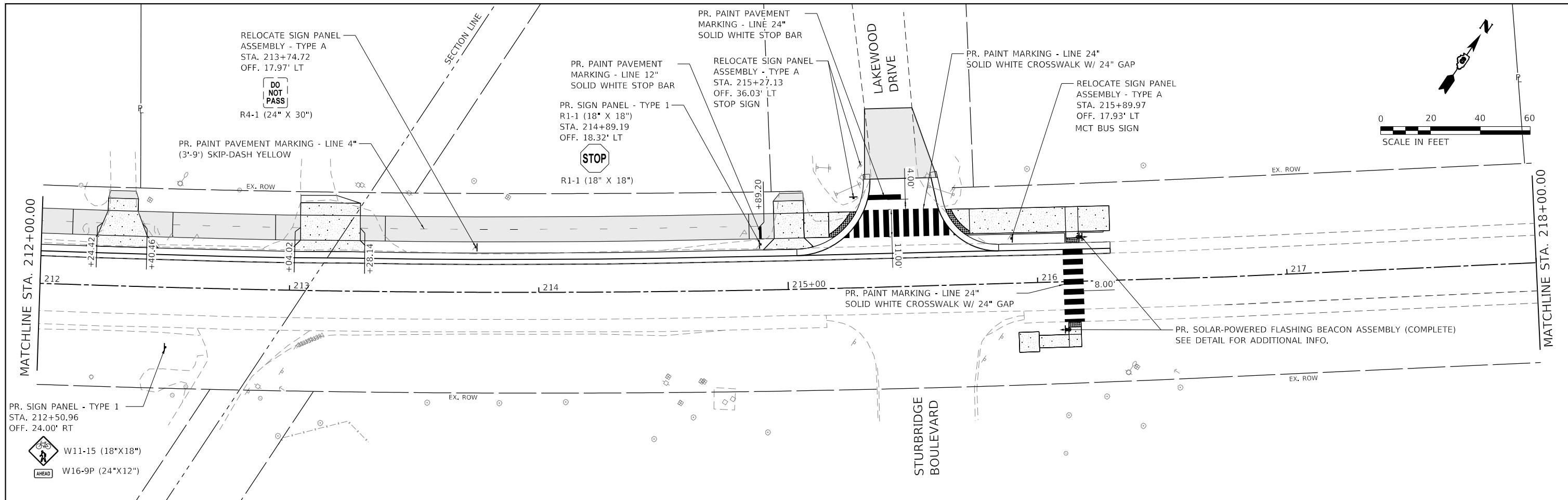
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LICENSE NO: 184-001220

USER NAME = efisher  
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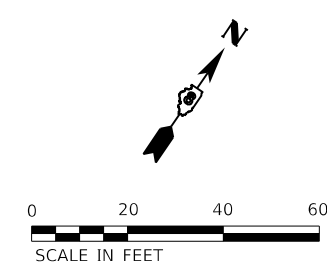
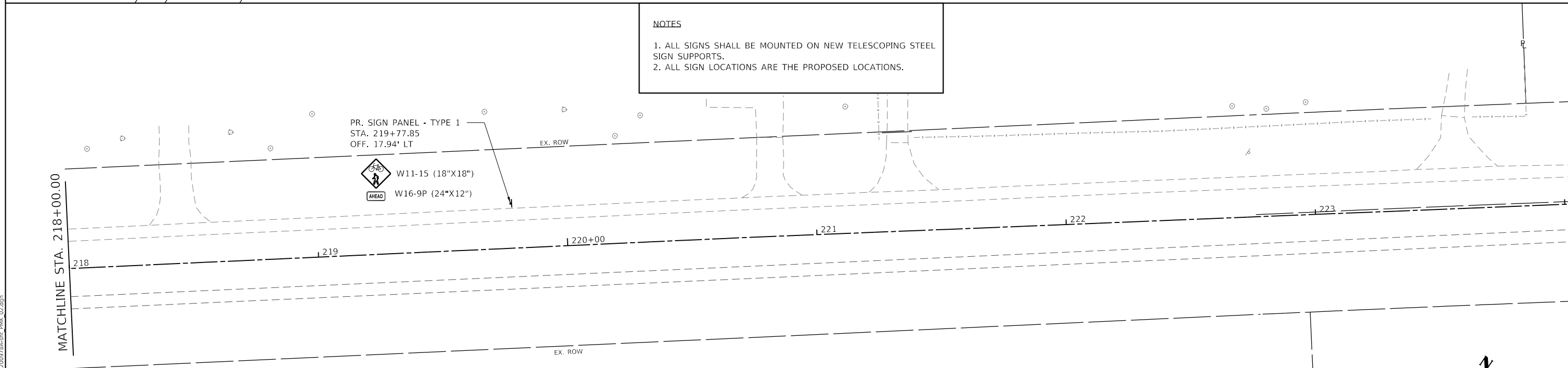
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 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



**NOTES**

1. ALL SIGNS SHALL BE MOUNTED ON NEW TELESCOPING STEEL SIGN SUPPORTS.
2. ALL SIGN LOCATIONS ARE THE PROPOSED LOCATIONS.



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USER NAME = efisher  
 PLOT SCALE = 40,0000 ' / in.  
 PLOT DATE = 1/19/2025

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

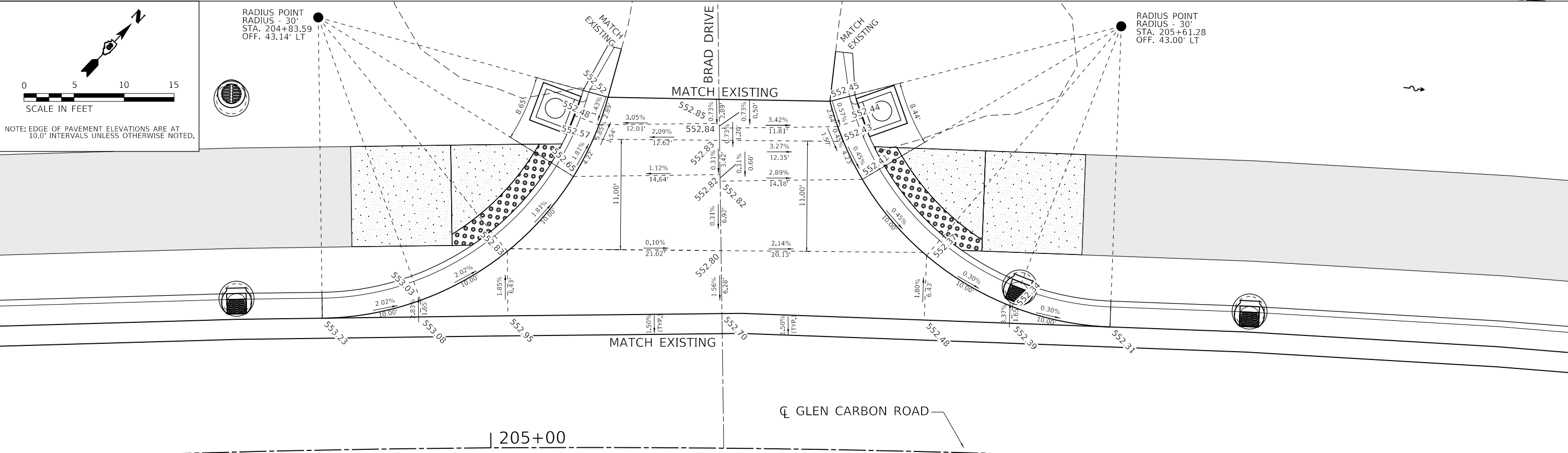
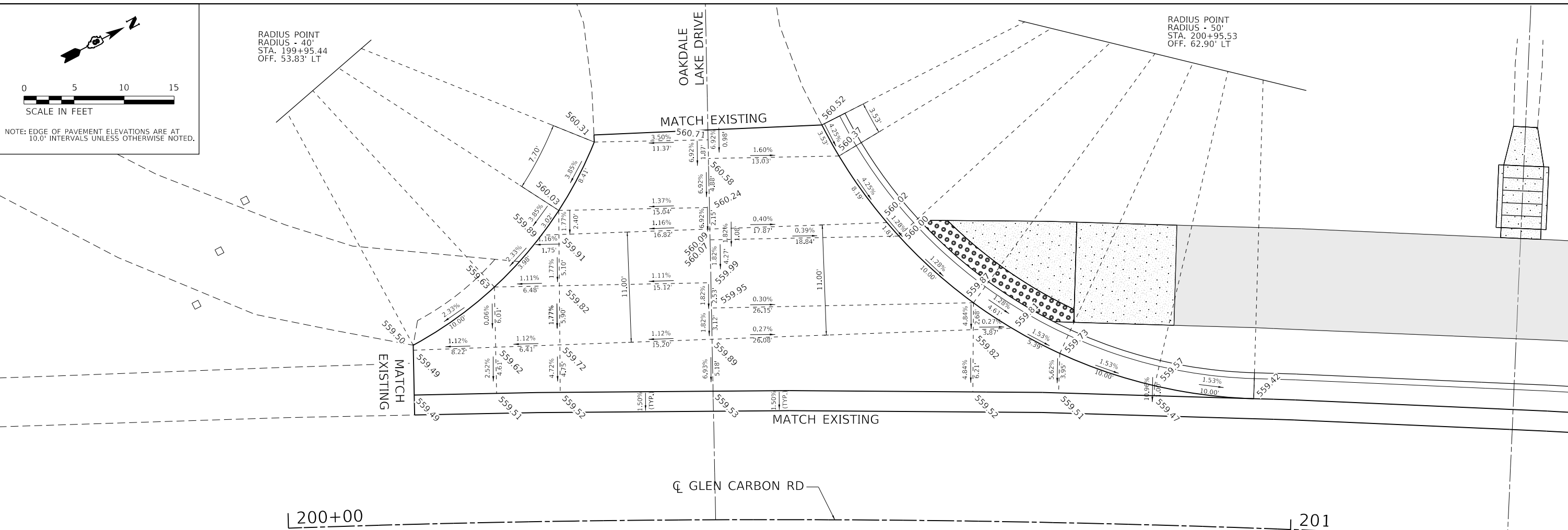
**VILLAGE OF GLEN CARBON**

**PAVEMENT MARKING AND SIGNAGE**

SCALE: 1" = 20'    SHEET 2 OF 2 SHEETS    STA. 212+00.00 TO STA. 219+77.85

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	23
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				





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USER NAME = efisher  
PLOT SCALE = 10.0000" / 1"  
PLOT DATE = 1/19/2025

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -



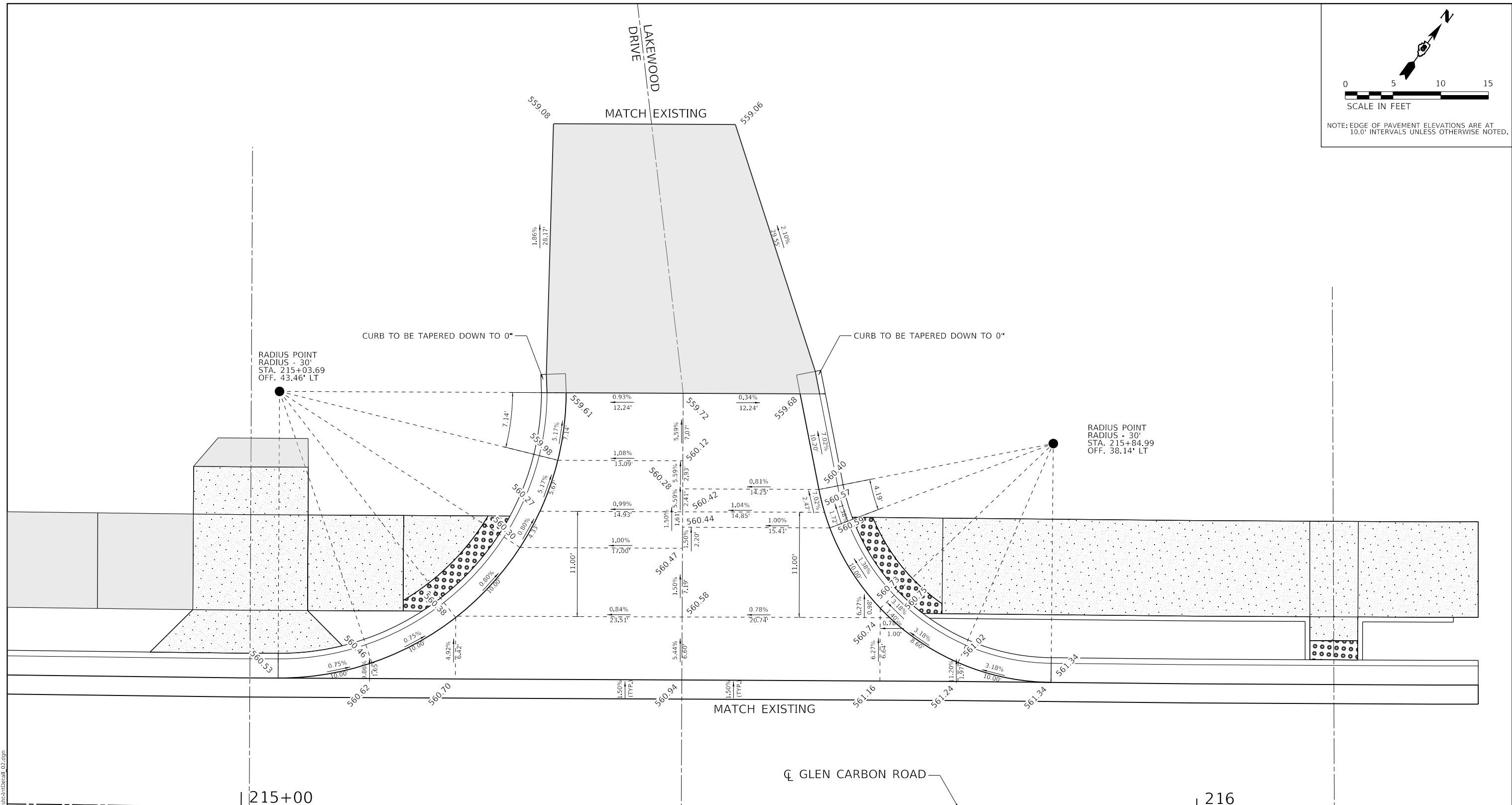
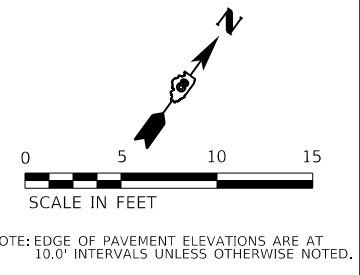
VILLAGE OF GLEN CARBON

INTERSECTION DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	24
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				

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 INTDCAD: 01.dwg



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 FILE NAME: P:\2025\20250978A4\_CADD - DWG\4.7\_TownSheets\200978A4.ctb;intDcaIll\_02.dgn  
 USER: efisher

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 LICENSE NO: 184-001220

USER NAME = efisher
PLOT SCALE = 10.0000" / in.
PLOT DATE = 1/19/2025

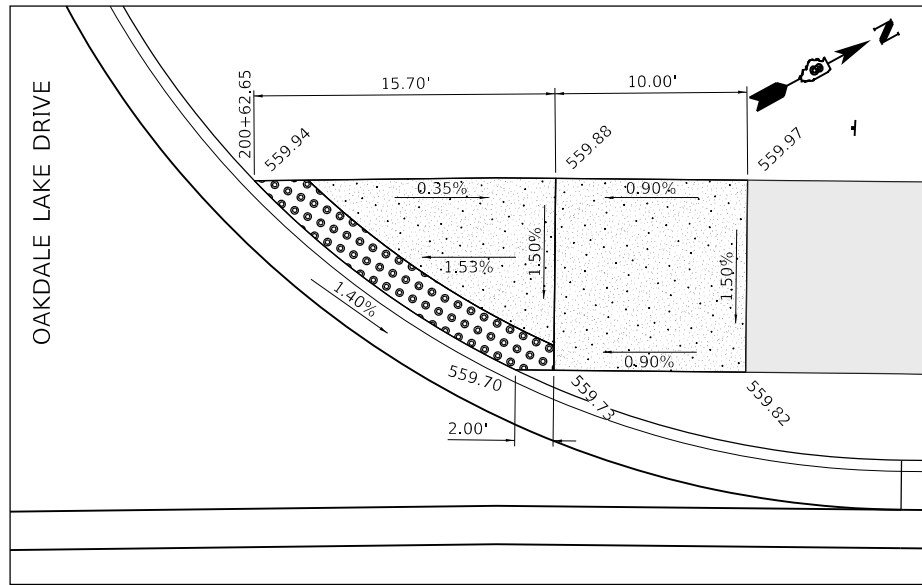
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DATE -	REVISED -



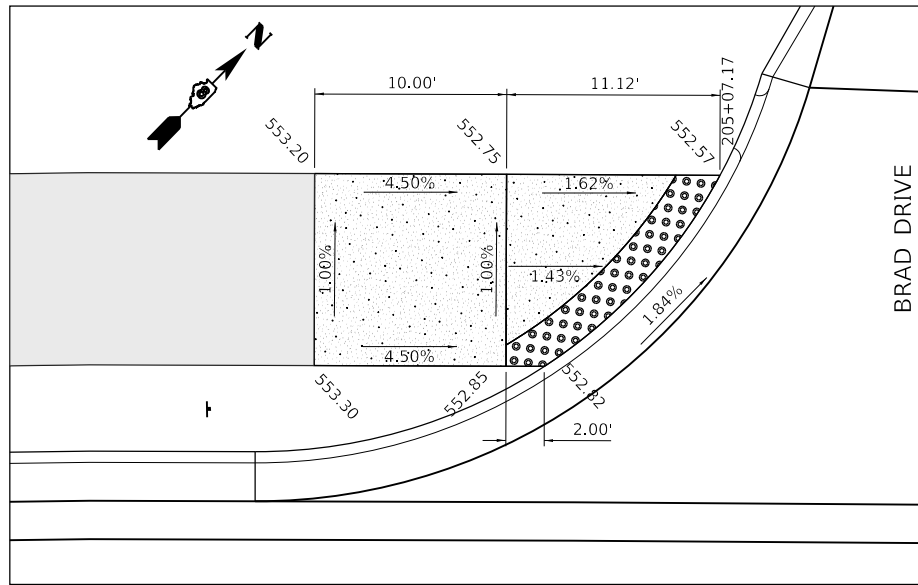
**VILLAGE OF GLEN CARBON**

<b>INTERSECTION DETAILS</b>	
SCALE: 1" = 10'	SHEET 2 OF 2 SHEETS
STA.	TO STA.

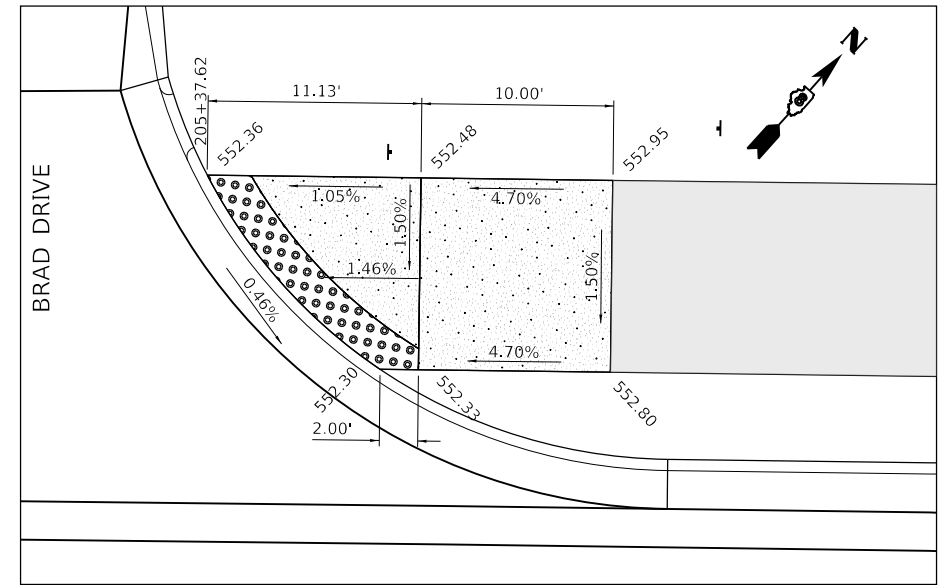
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	25
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				



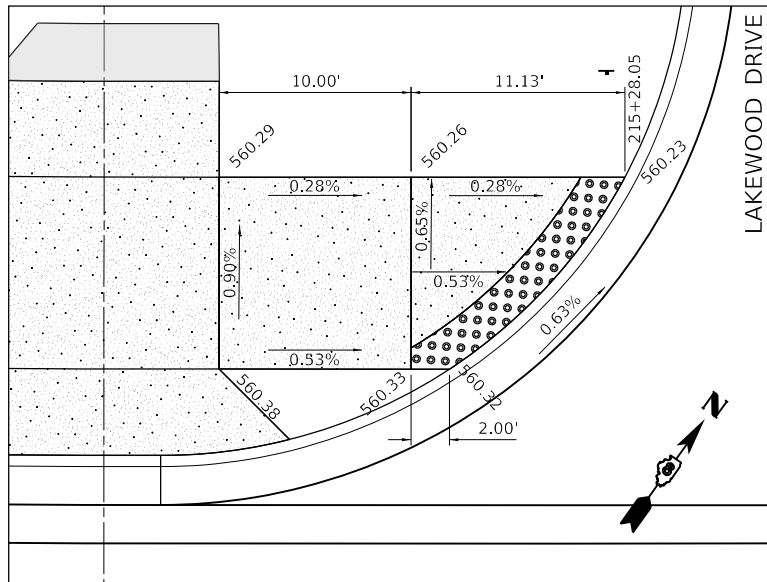
**CURB RAMP 1**



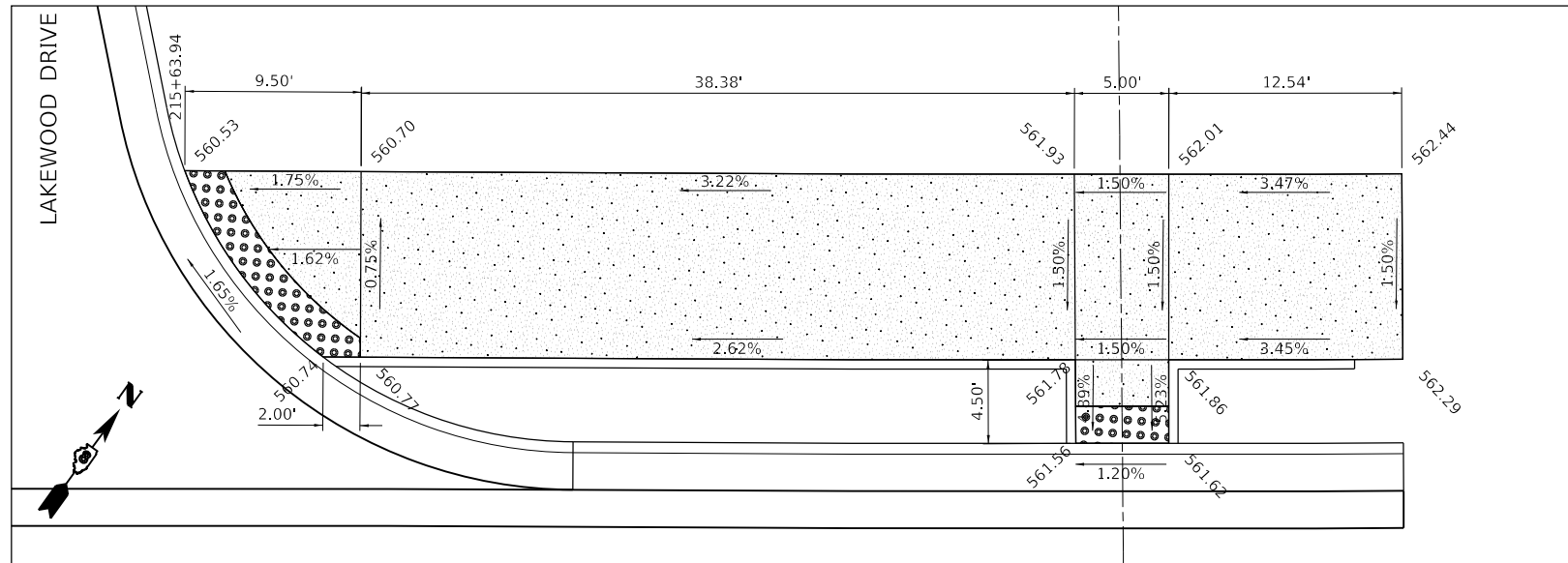
**CURB RAMP 2**



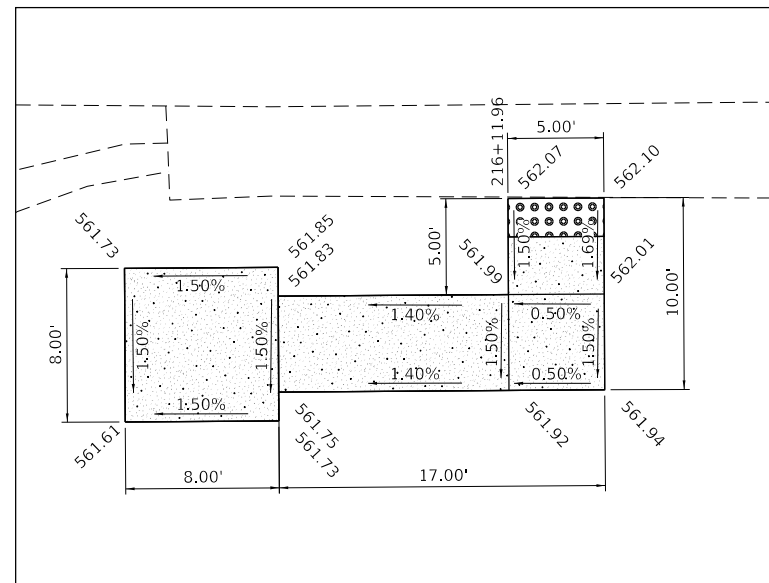
**CURB RAMP 3**



**CURB RAMP 4**



**CURB RAMP 5**



**CURB RAMP 6**



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 FILE MODIFIED: 11/19/2025 10:00:00 AM



**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM LICENSE NO: 184-001220  
 USER NAME = efisher  
 PLOT SCALE = 10.0000" / in.  
 PLOT DATE = 1/19/2025

DESIGNED -  
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 DATE -

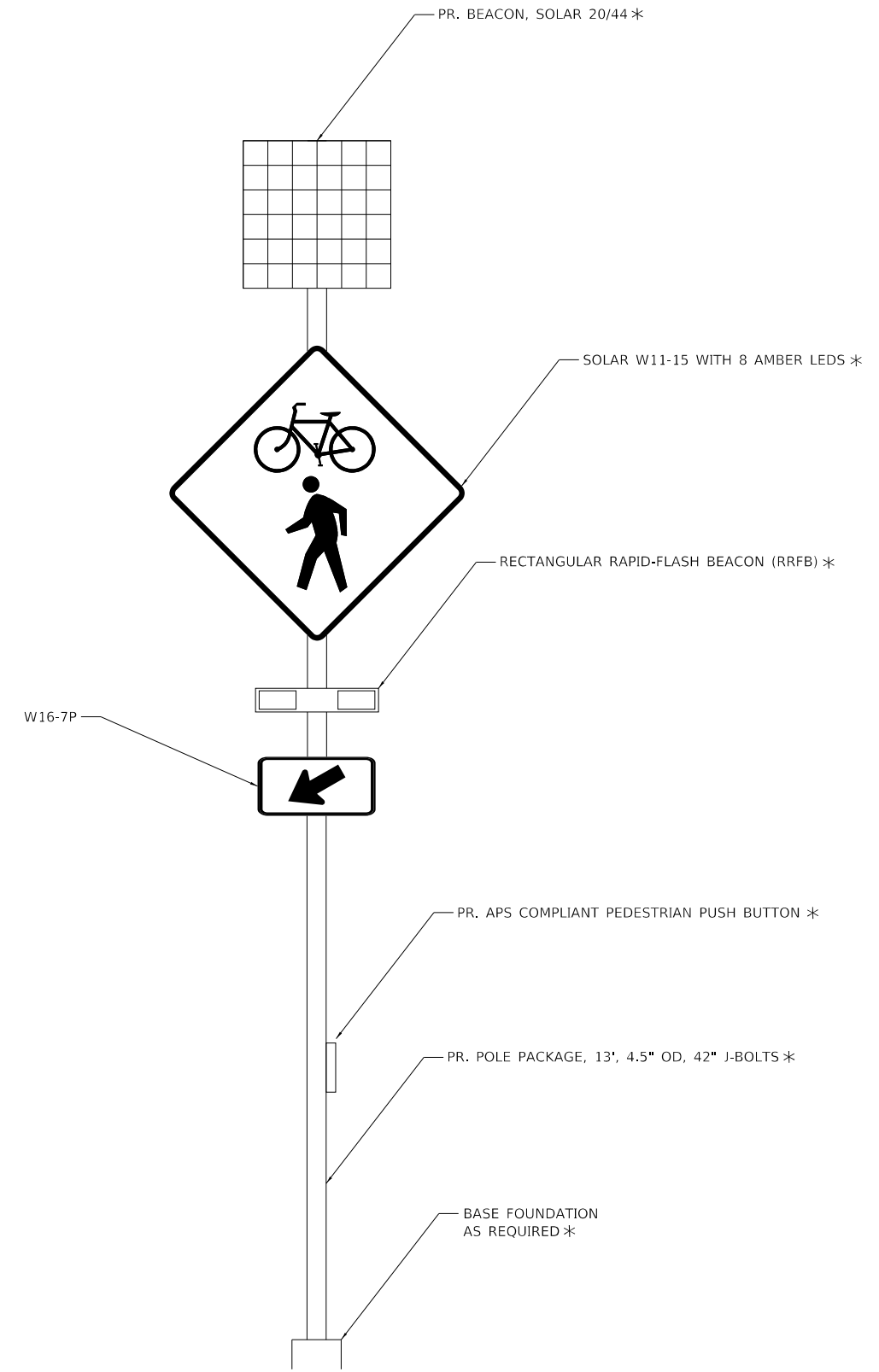
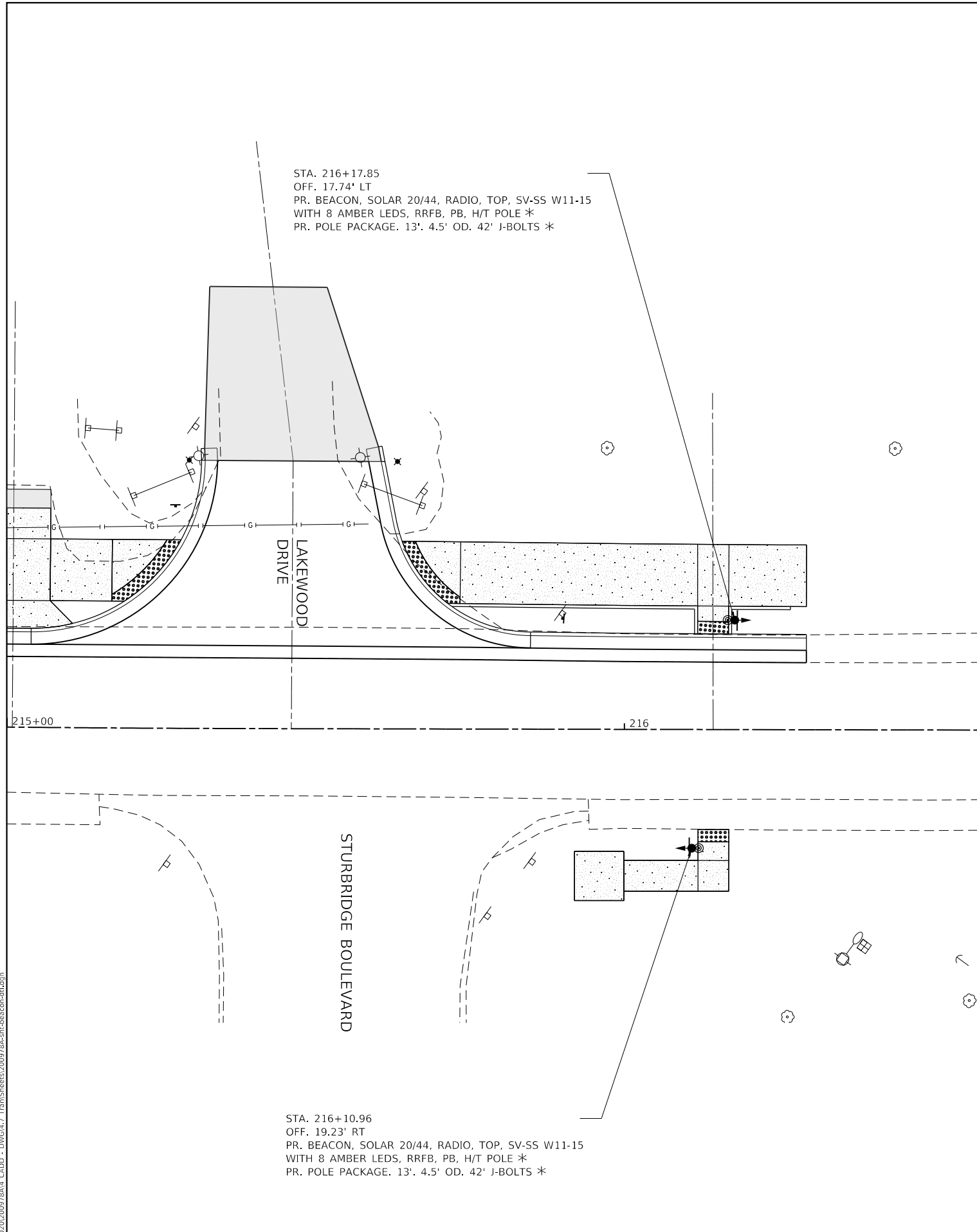
REVISED -  
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 REVISED -



**VILLAGE OF GLEN CARBON**

**ADA DETAILS**  
 SCALE: 1"=5'  
 SHEET 1 OF 1 SHEETS  
 STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	26
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				



**DETAIL**  
N.T.S.

\* INCLUDED IN THE COST OF SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE). SEE SPECIAL PROVISIONS.

MODEL: 11/19/2025  
 FILE NAME: 11/19/2025 200978A4 CADD - DWG047 TpmSheets200978A4-h-beacon-dtl.dgn



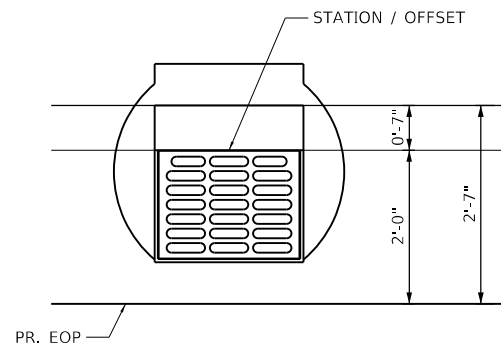
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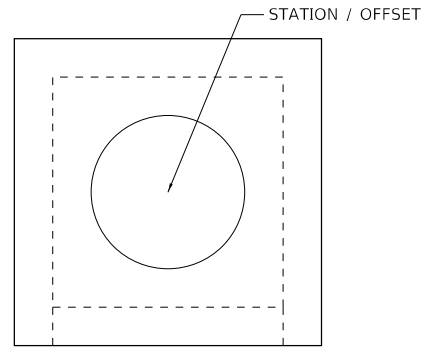
VILLAGE OF GLEN CARBON

<b>FLASHING BEACON DETAIL</b>			
SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA.	TO STA.

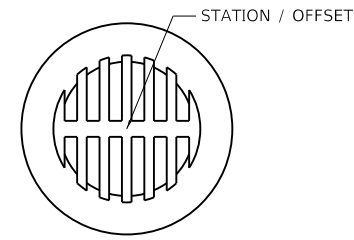
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	27
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				



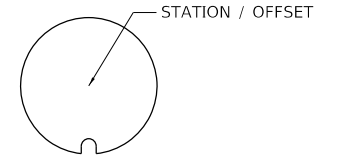
**TYPE 3 FRAME AND GRATE**  
TOS = AT GUTTER FLOW LINE



**INLETS, SPECIAL NO. 1 OR NO. 2**  
TOS = AT CENTER OF LID



**TYPE 8 GRATE**  
TOS = AT GRATE FLOW LINE



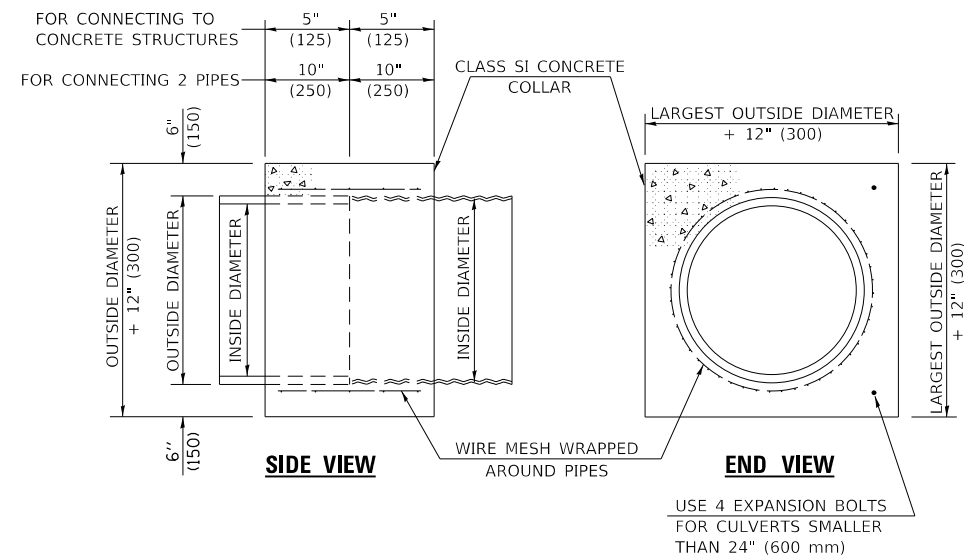
**TYPE 1 FRAME CLOSED LID**  
TOS = AT CENTER OF LID

**DRAINAGE CALLOUTS**

NOTES:

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m<sup>2</sup>).
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.
5. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, PER CUBIC YARD (CUBIC METER), FOR CONCRETE COLLARS INCLUDING ALL MATERIAL, REINFORCEMENT BARS AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.

QUANTITIES FOR:	CONCRETE PIPES	METAL PIPES
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	CU.YD. (m <sup>3</sup> )	CU.YD. (m <sup>3</sup> )
6" (150)	0.16 (0.12)	0.16 (0.12)
8" (200)	0.19 (0.14)	0.19 (0.14)
10" (250)	0.22 (0.17)	0.22 (0.17)
12" (300)	0.25 (0.19)	0.25 (0.19)
15" (375)	0.30 (0.23)	0.30 (0.23)
18" (450)	0.35 (0.27)	0.35 (0.27)
24" (600)	0.45 (0.35)	0.45 (0.35)



**CONCRETE COLLAR**

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 FILE NAME: 11/20/2020 11:20:20 200978A4 CADD - DWG/K4.7 Tpm/Sheet/200978A4-shh-mfc-dt1.01.dgn



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 184-001220

USER NAME = efisher	DESIGNED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -



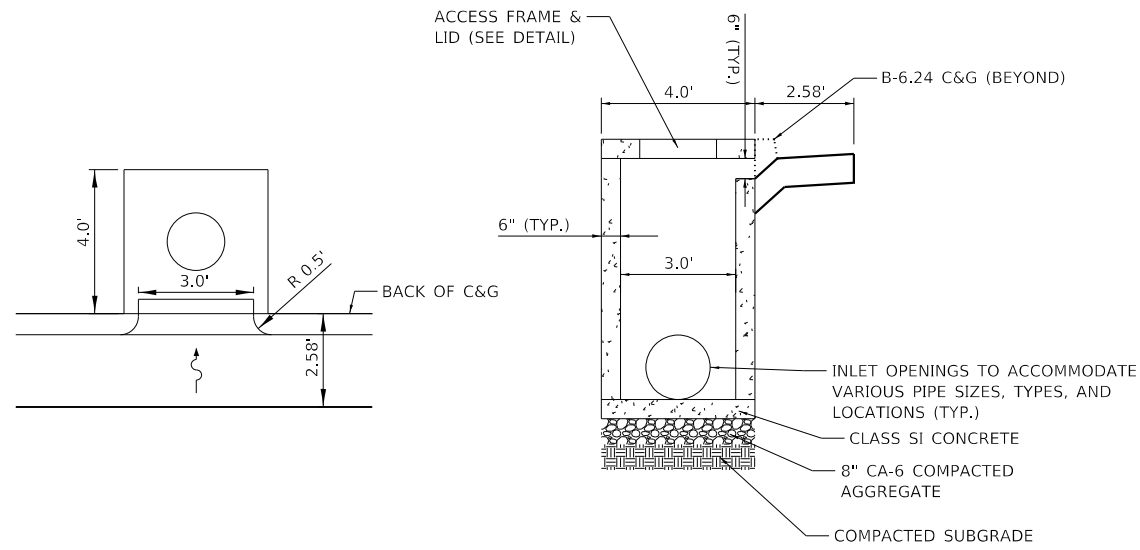
VILLAGE OF GLEN CARBON

**MISCELLANEOUS DETAILS**

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

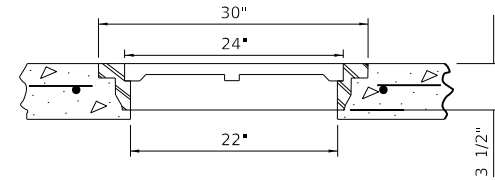
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	28
CONTRACT NO. 97856				
ILLINOIS		FED. AID PROJECT		



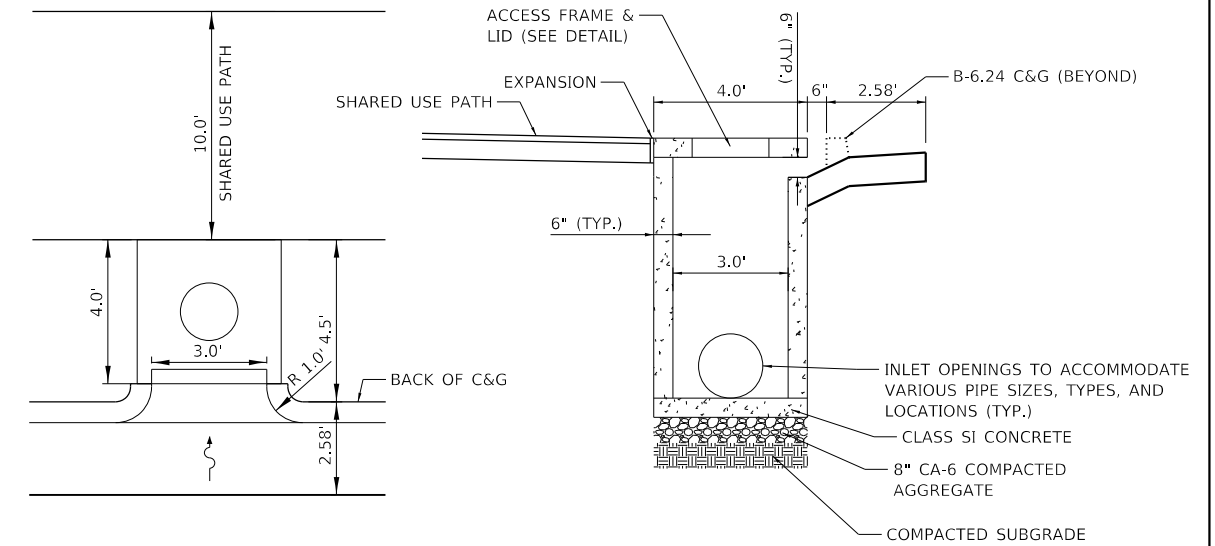


**INLETS, SPECIAL, NO. 1**

OPEN THROAT INLET WITH 1 OPENING  
(NO SUP OR SIDEWALK BEHIND)



**ACCESS FRAME AND LID**



**INLETS, SPECIAL, NO. 2**

OPEN THROAT INLET WITH 1 OPENING

**NOTES:**

1. WHEN SIDEWALK IS ADJACENT TO INLETS, SPECIAL, THE CONTRACTOR SHALL PLACE AND COMPACT ADDITIONAL AGGREGATE AROUND INLET TO PREVENT DIFFERENTIAL SETTLEMENT.

MODEL: TWM\Projects\23-00032\0978A4\_CADD - DWG\K7\_Tam\Sheets\200978A4-shh-misc-dtl\_02.dgn



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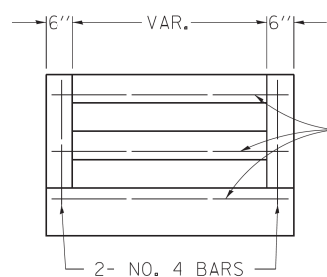
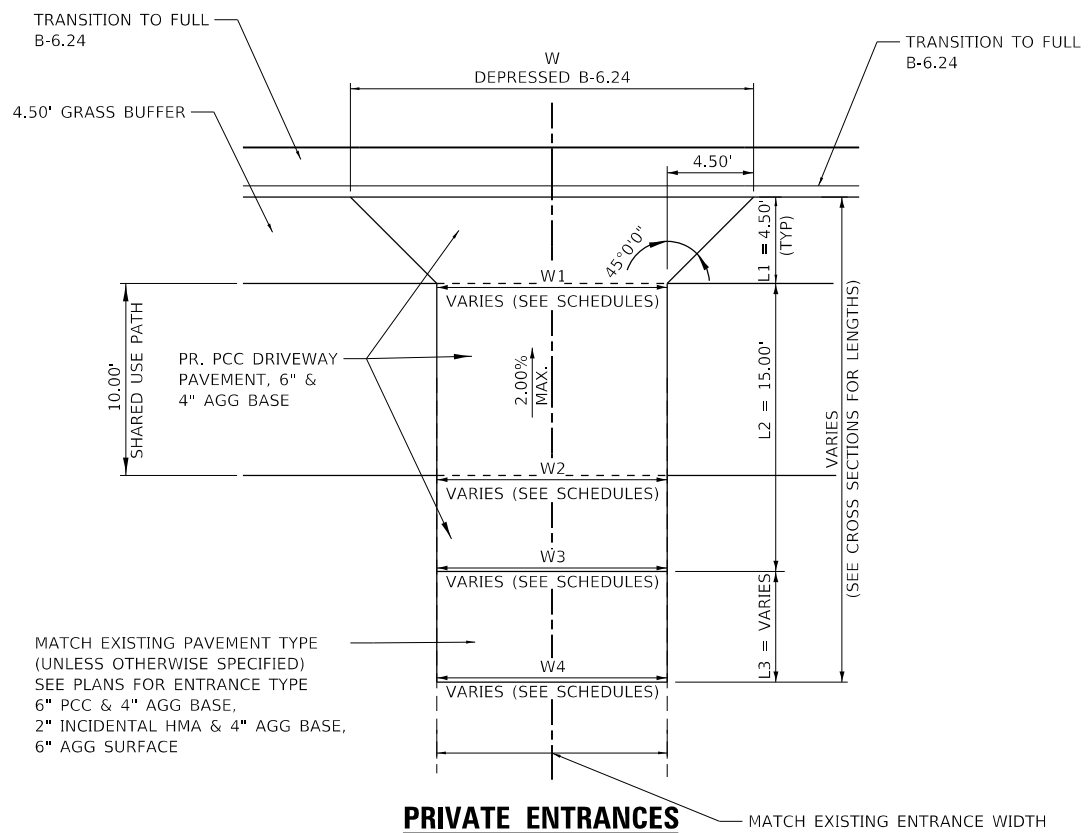
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PLOT DATE = 1/19/2025	CHECKED -	REVISED -
	DATE -	REVISED -



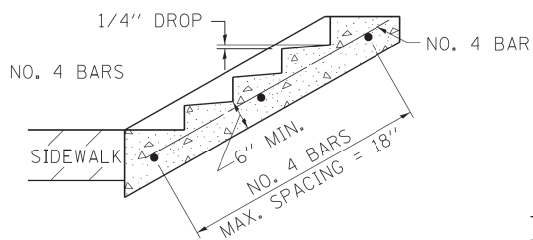
VILLAGE OF GLEN CARBON

<b>MISCELLANEOUS DETAILS</b>			
SCALE: N.T.S.	SHEET 2 OF 3 SHEETS	STA.	TO STA.

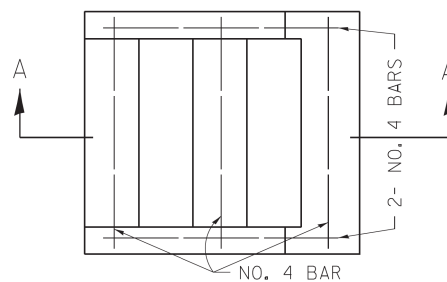
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	29
CONTRACT NO. 97856				
		ILLINOIS FED. AID PROJECT		



END ELEVATION



SECTION A-A



PLAN

TABLE OF TREADS & RISERS

SLOPE	TREAD	RISER
1:2	12"	6"
1:3	15"	5"
1:4	17"	4 1/4"

WHERE SLOPES FALL BETWEEN THOSE SHOWN IN THE TABLE ABOVE, THE STAIR RAIL SHOULD FIT THE SLOPE AND THE TREAD IN INCHES x THE RISER IN INCHES SHOULD BE BETWEEN 72 AND 78.

EXAMPLE:

FOR A 1:4 SLOPE USE  $y = \text{RISER HEIGHT } 4y^2 = 75"$ . SOLVING  $y^2 = \frac{75}{4}$ ,  $y = 4.3"$  (USE 4 1/4" FOR CONVENIENCE.) TREAD WOULD THEN BE  $4 \frac{1}{4}" \times 4 = 17"$

CLASS SI CONCRETE SHALL BE USED THROUGHOUT, WHICH SHALL BE PAID FOR AT THE THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "CONCRETE STEPS".

COST OF REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF "CONCRETE STEPS" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

**CONCRETE STEPS**

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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -



**VILLAGE OF GLEN CARBON**

**MISCELLANEOUS DETAILS**

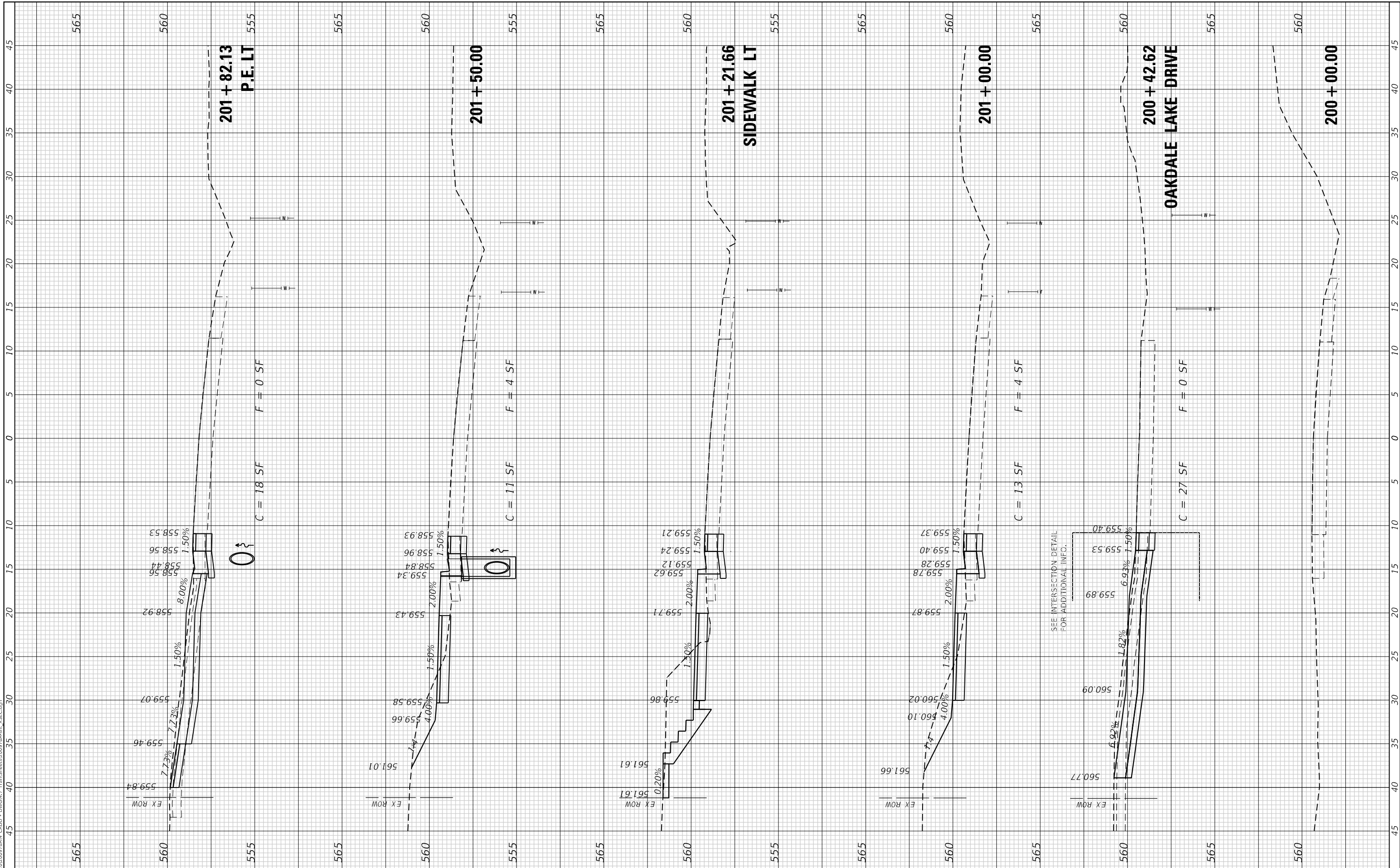
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	30
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				

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

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

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PLOT SCALE = 10.0000 ' / in.  
PLOT DATE = 1/19/2025

DESIGNED -  
DRAWN -  
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DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -



**VILLAGE OF GLEN CARBON**

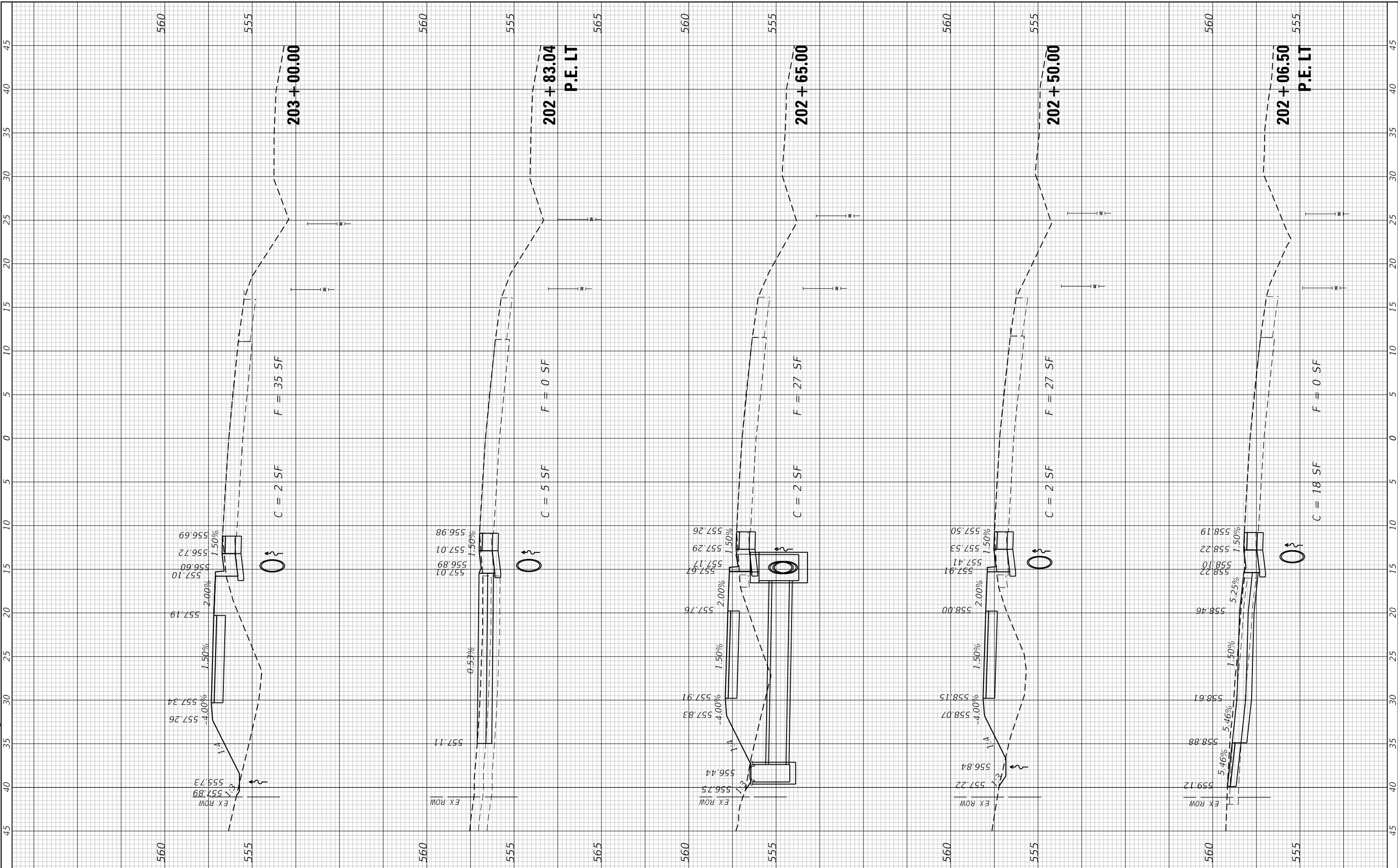
**CROSS SECTIONS**  
**GLEN CARBON ROAD SHARED USE PATH**  
SCALE: 1"=5'  
SHEET 1 OF 9 SHEETS  
STA. 200+00.00 TO STA. 201+82.13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	31
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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**TWM, INC.**  
 ENGINEERING GEOSPATIAL SERVICES  
 184-001220

USER NAME =	efisher
DESIGNED -	
DRAWN -	
CHECKED -	
DATE -	

DESIGNED -	
DRAWN -	
CHECKED -	
DATE -	

REVISIONS	



VILLAGE OF GLEN CARBON

CROSS SECTIONS  
 GLEN CARBON ROAD SHARED USE PATH

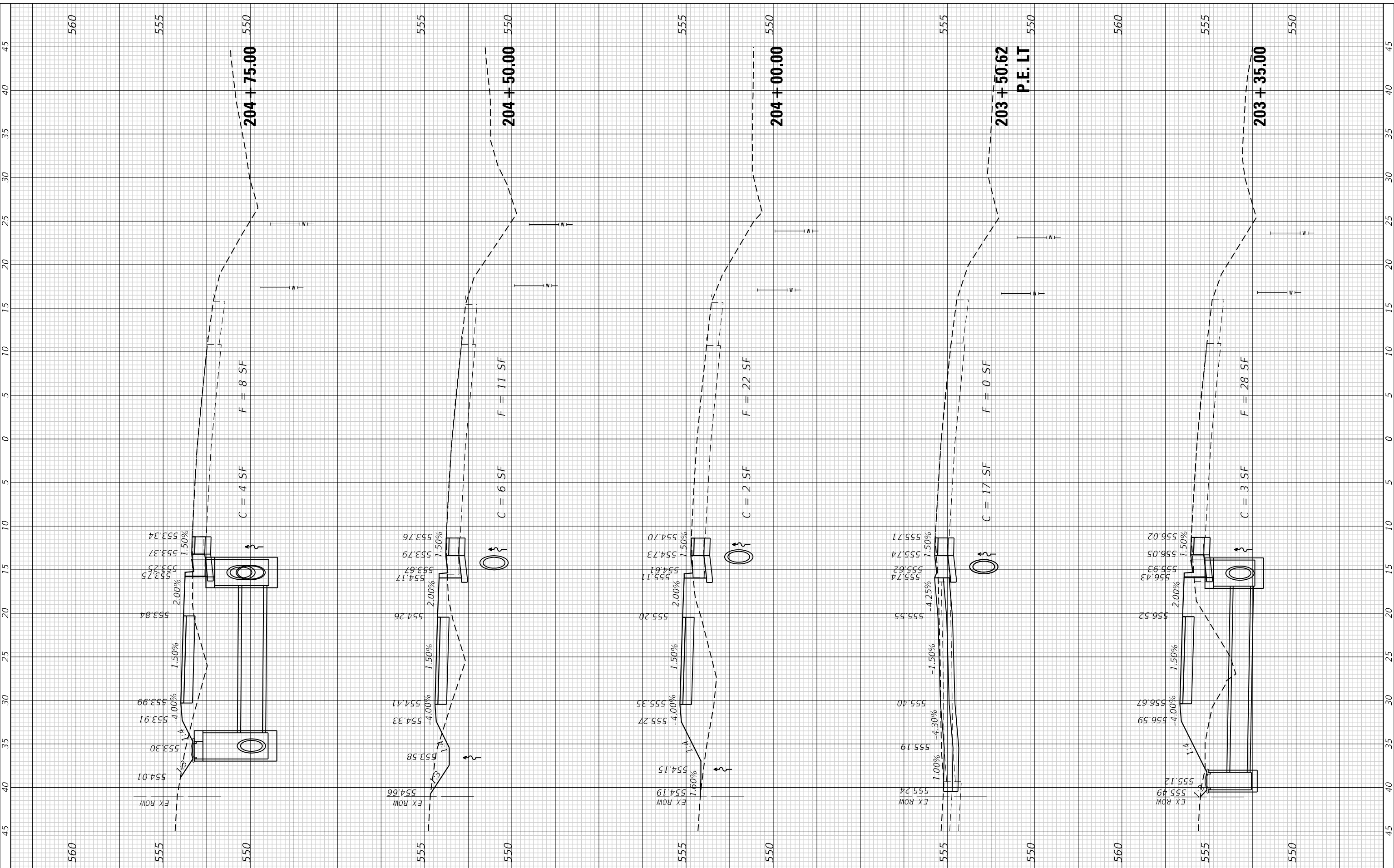
SCALE: 1"=5'    SHEET 2 OF 9 SHEETS    STA. 202+06.50 TO STA. 203+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97856	

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

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

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IL DESIGN FIRM  
LICENSE NO: 184-001220

USER NAME	= efisher
PLOT SCALE	= 10.0000' / in.
PLOT DATE	= 1/19/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-



**VILLAGE OF GLEN CARBON**

**CROSS SECTIONS**  
**GLEN CARBON ROAD SHARED USE PATH**

SCALE: 1"=5'

SHEET 3 OF 9 SHEETS

STA. 203+35.00 TO STA. 204+75.00

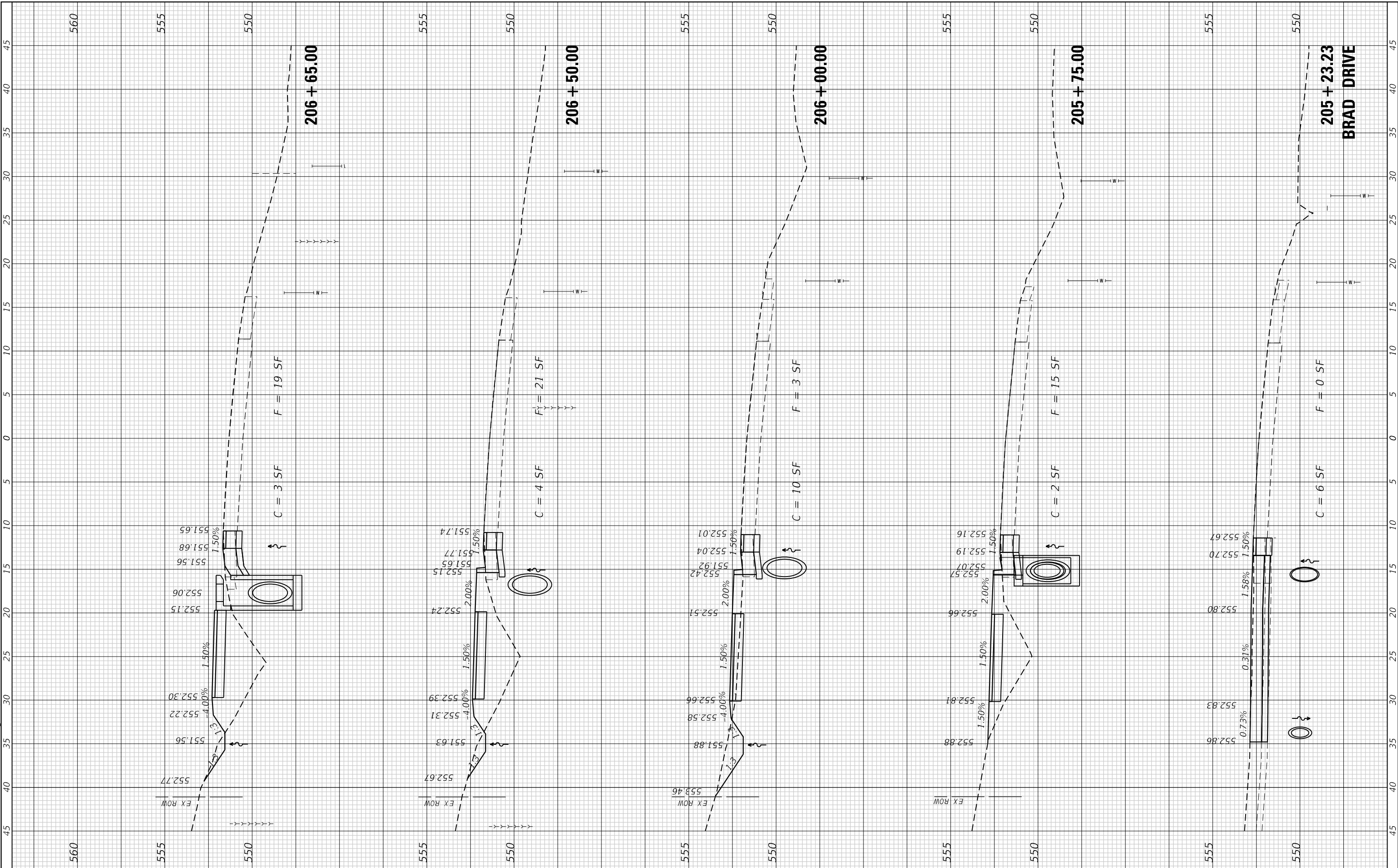
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	33
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				



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

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

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 184-001220

USER NAME = efisher  
 PLOT SCALE = 10.0000' / in.  
 PLOT DATE = 1/19/2025

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



**VILLAGE OF GLEN CARBON**

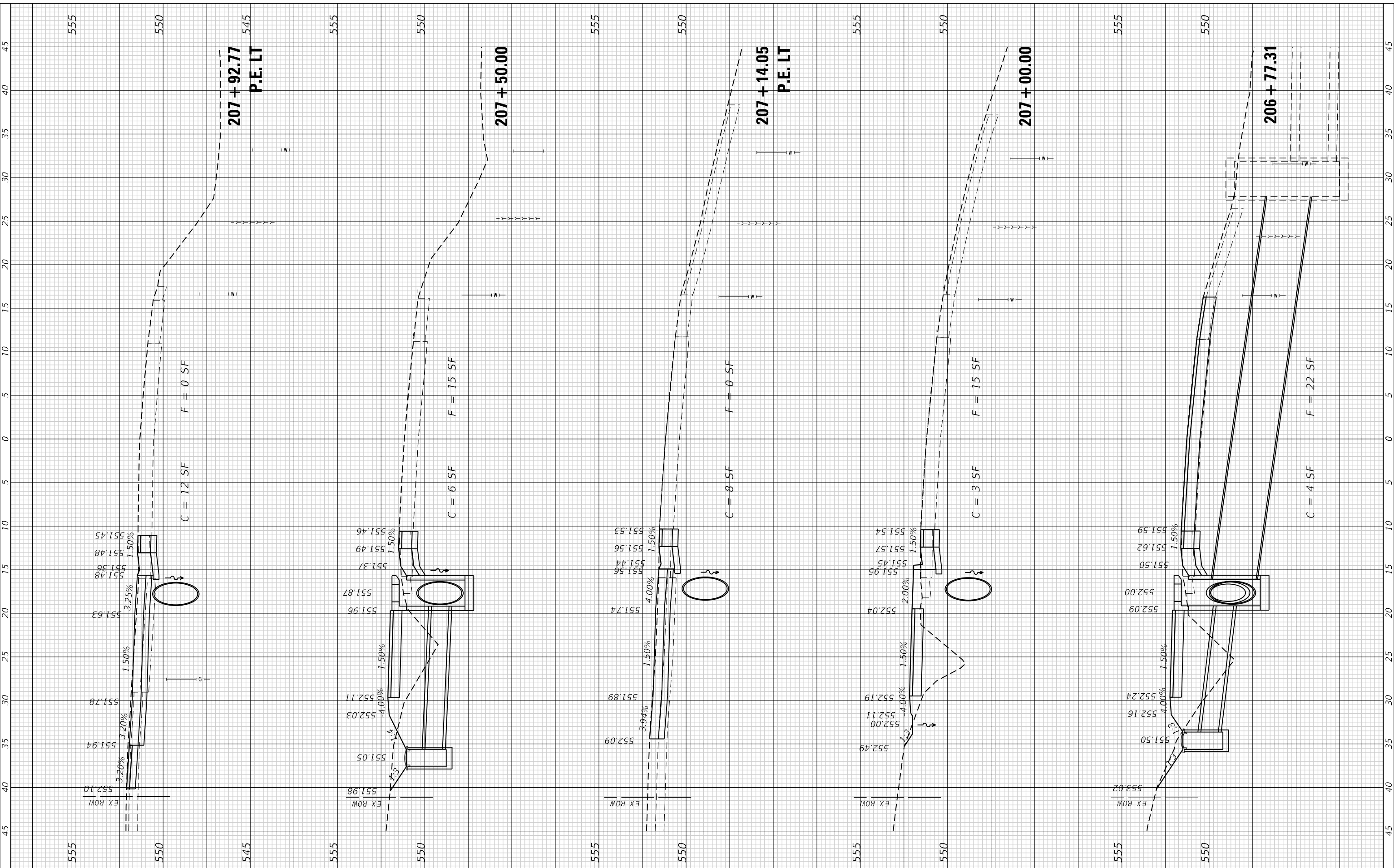
**CROSS SECTIONS**  
**GLEN CARBON ROAD SHARED USE PATH**  
 SCALE: 1"=5'  
 SHEET 4 OF 9 SHEETS  
 STA. 205+23.23 TO STA. 206+65.00

F.A.U. RTE. 8896	SECTION 23-00032-01-BT	COUNTY MADISON	TOTAL SHEETS 39	SHEET NO. 34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97856	

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

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

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 LICENSE NO: 184-001220

USER NAME =	efisher
PLOT SCALE =	10.0000" / in.
PLOT DATE =	1/19/2025

DESIGNED -	
DRAWN -	
CHECKED -	
DATE -	

REVISED -	
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REVISED -	
REVISED -	



**VILLAGE OF GLEN CARBON**

**CROSS SECTIONS**  
**GLEN CARBON ROAD SHARED USE PATH**

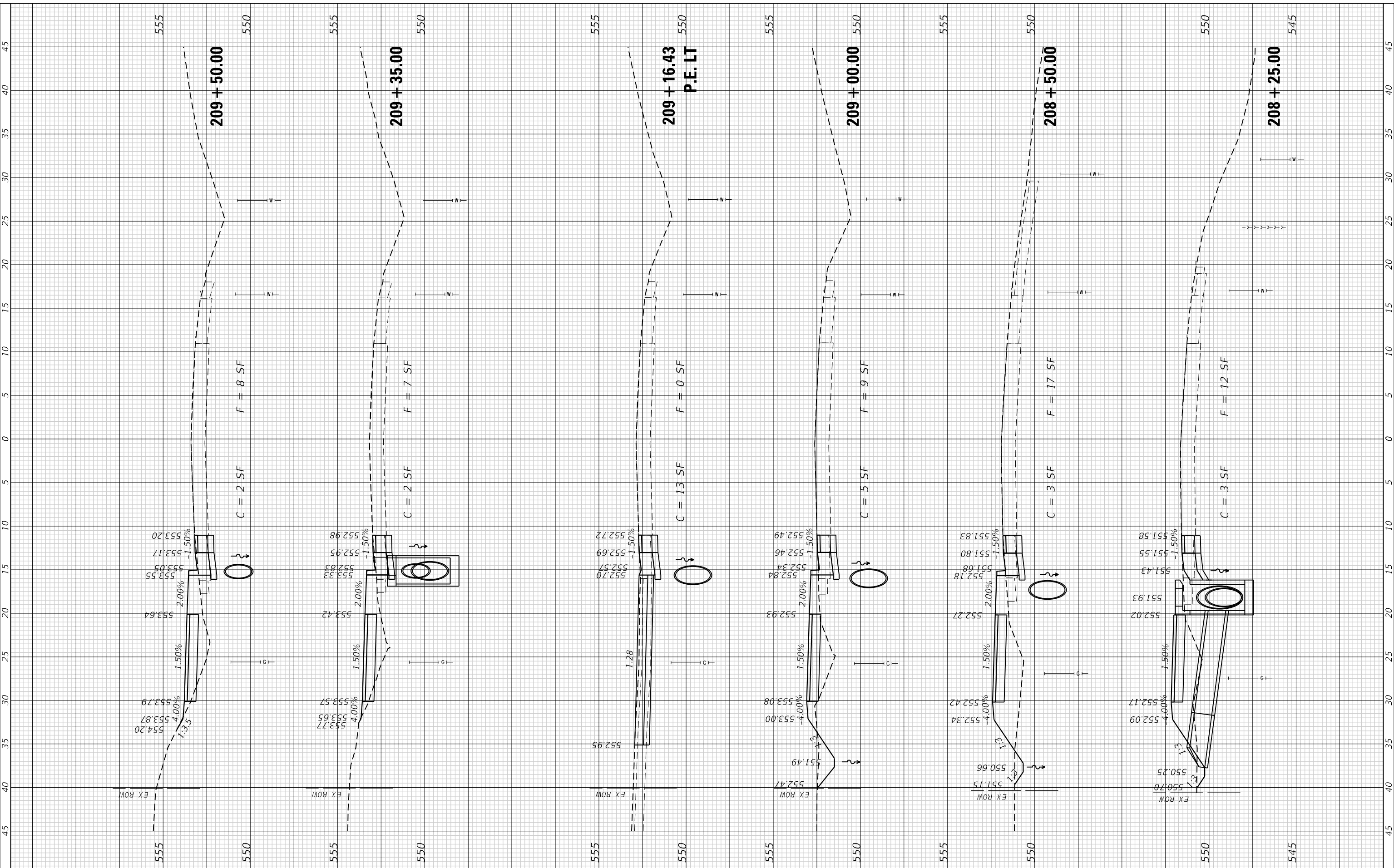
SCALE: 1"=5'  
 SHEET 5 OF 9 SHEETS  
 STA. 206+77.31 TO STA. 207+92.77

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	35
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97856	

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

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

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 LICENSE NO: 184-001220

USER NAME	= efisher
DESIGNED	-
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DATE	-
PLOT SCALE	= 10.0000" / in.
PLOT DATE	= 1/19/2025

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



**VILLAGE OF GLEN CARBON**

**CROSS SECTIONS**  
**GLEN CARBON ROAD SHARED USE PATH**

SCALE: 1"=5'

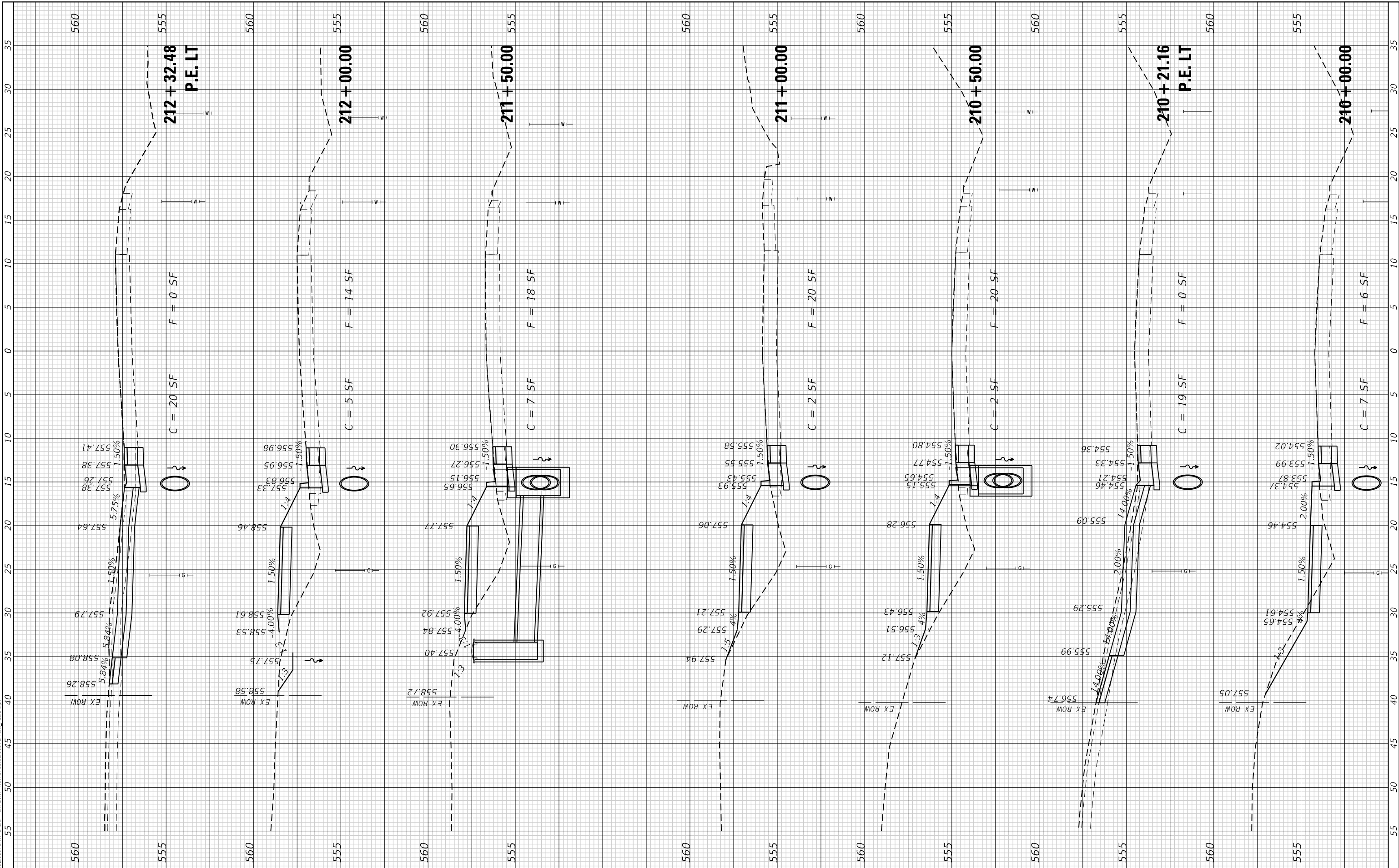
SHEET 6 OF 9 SHEETS STA. 208+25.00 TO STA. 209+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	36
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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 LICENSE NO:  
 184-001220

USER NAME	= efisher
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REVISIONS	-

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVISIONS	-
REVISIONS	-
REVISIONS	-
REVISIONS	-



**VILLAGE OF GLEN CARBON**

**CROSS SECTIONS**  
**GLEN CARBON ROAD SHARED USE PATH**

SCALE: 1"=5'

SHEET 7 OF 9 SHEETS

STA. 210+00.00 TO STA. 212+32.48

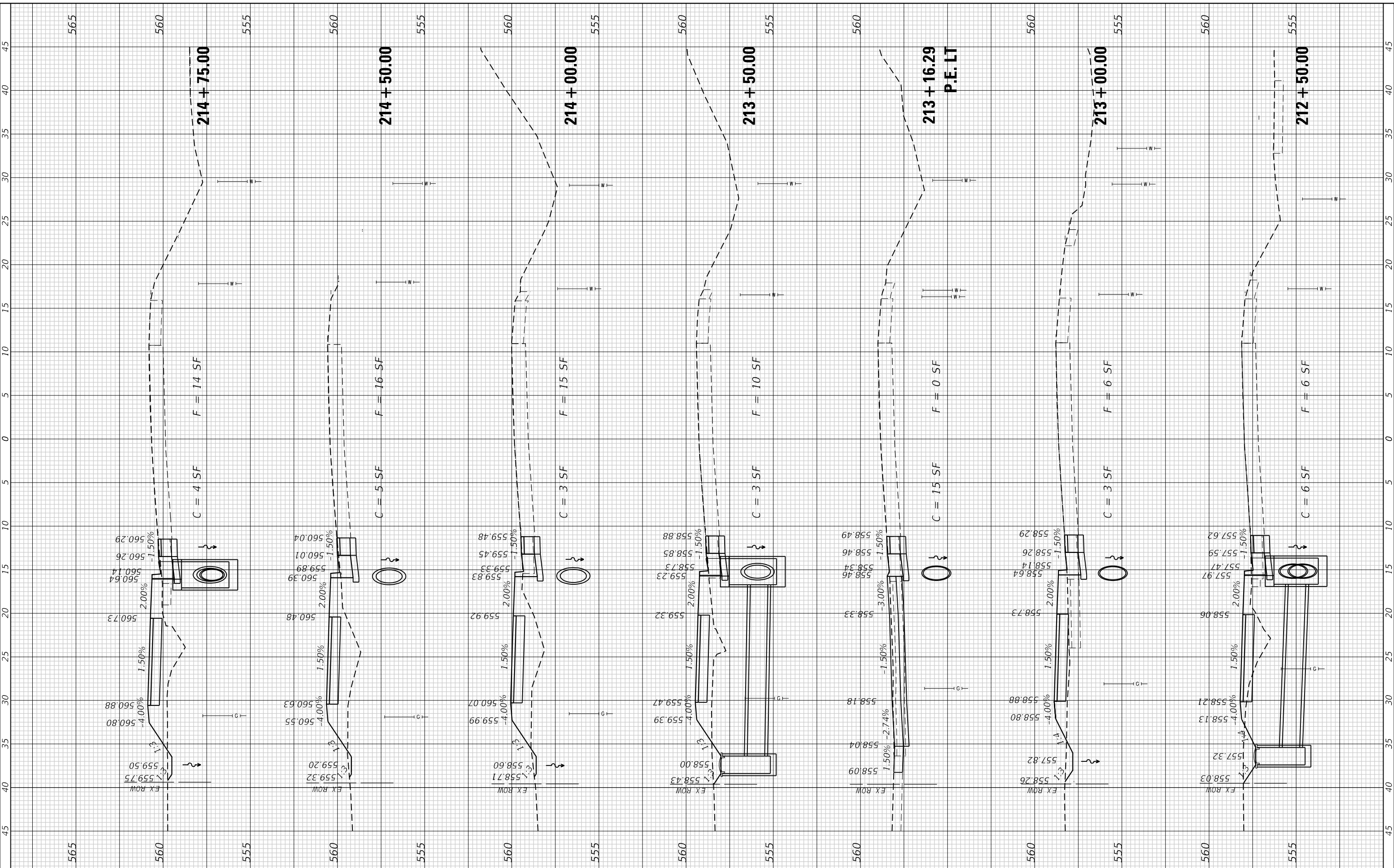
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	37
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				



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

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

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 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME =	efisher
DESIGNED -	
DRAWN -	
CHECKED -	
DATE -	
PLOT SCALE =	10.0000" / in.
PLOT DATE =	1/19/2025

REVISED -	
REVISED -	
REVISED -	
REVISED -	



**VILLAGE OF GLEN CARBON**

**CROSS SECTIONS**  
**GLEN CARBON ROAD SHARED USE PATH**

SCALE: 1"=5'  
 SHEET 8 OF 9 SHEETS  
 STA. 212+50.00 TO STA. 214+75.00

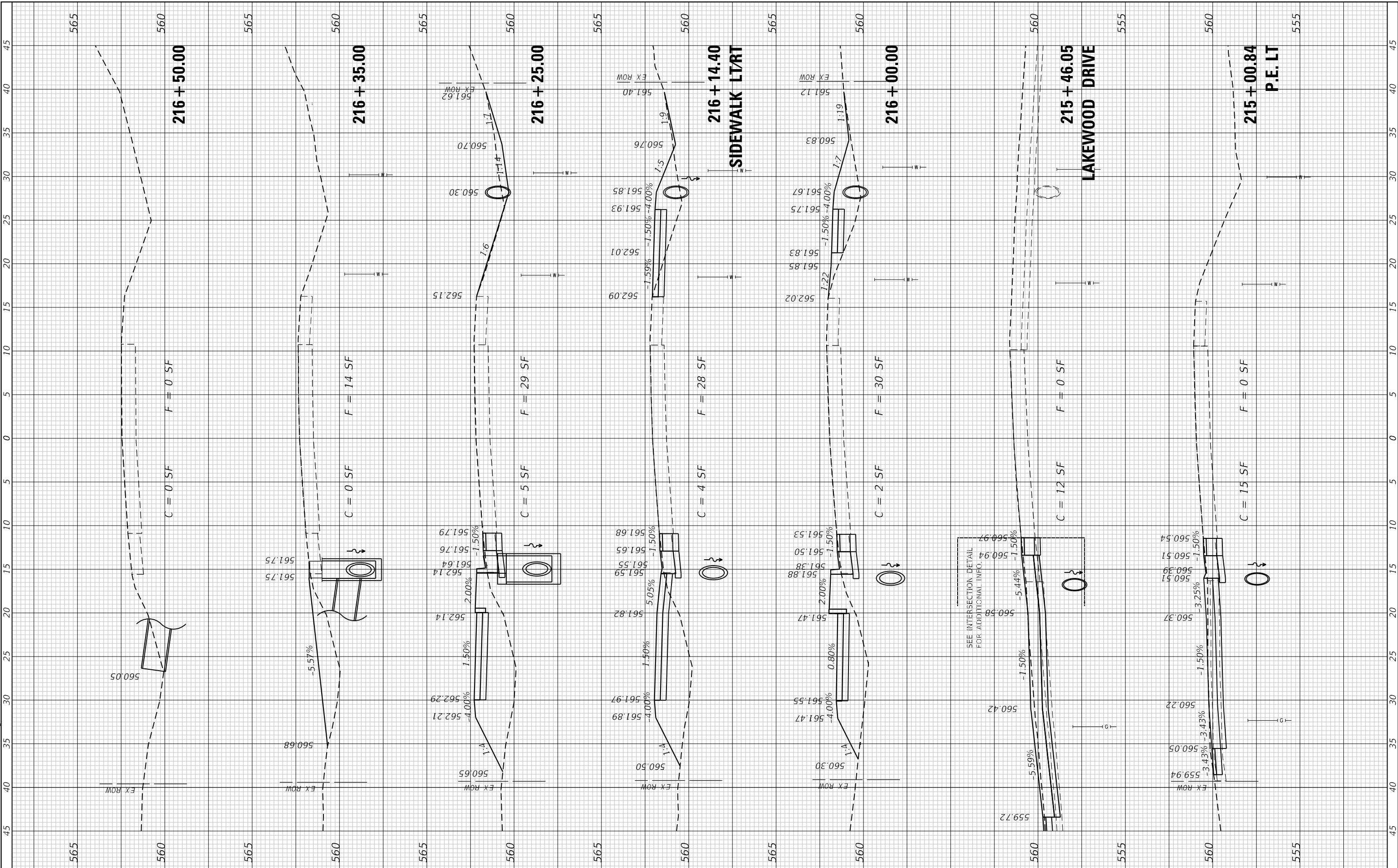
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8896	23-00032-01-BT	MADISON	39	38
CONTRACT NO. 97856				
ILLINOIS FED. AID PROJECT				



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

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

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 IL DESIGN FIRM  
 LICENSE NO:  
 184-001220

USER NAME =	efisher
PLOT SCALE =	10.0000' / in.
PLOT DATE =	1/19/2025

DESIGNED -	
DRAWN -	
CHECKED -	
DATE -	

REVISED -	
REVISED -	
REVISED -	
REVISED -	



**VILLAGE OF GLEN CARBON**

SCALE: 1"=5'	
SHEET 9	OF 9 SHEETS
STA. 215+00.84 TO STA. 216+50.00	

**CROSS SECTIONS  
 GLEN CARBON ROAD SHARED USE PATH**

F.A.U. RTE. 8896	SECTION 23-00032-01-BT	COUNTY MADISON	TOTAL SHEETS 39	SHEET NO. 39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97856	