

01-16-2026 LETTING ITEM 180

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	1
		ILLINOIS	CONTRACT NO. 99763	

INDEX OF SHEETS

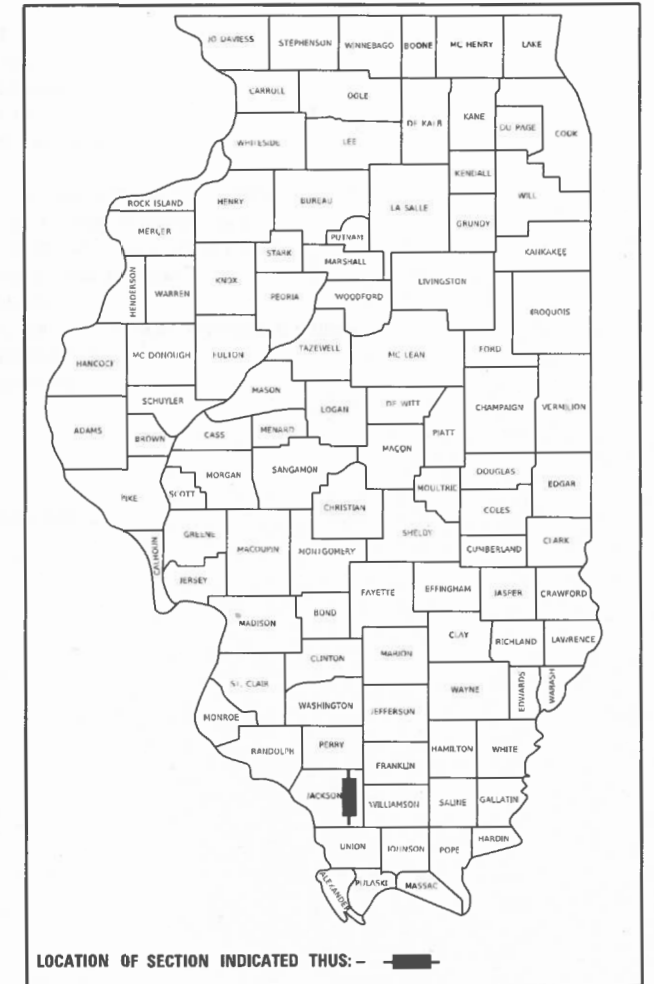
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IDOT HIGHWAY STANDARDS

SEE SHEET 2 FOR LIST OF HIGHWAY STANDARDS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED ENHANCEMENT PROJECT

STATE ITEP FUNDS
CITY OF CARBONDALE
PILES FORK GREENWAY
SECTION 22-00151-00-BT
JACKSON COUNTY



LOCATION OF SECTION INDICATED THUS: -

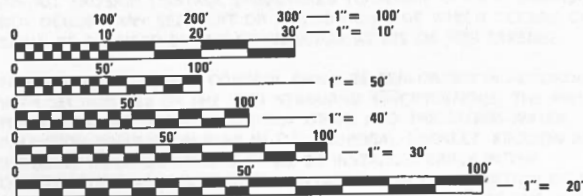
STA. 300+08.82
BEGIN WALL ST. CONNECTOR TRAIL

STA. 134+36.25 = STA. 200+00.00
BEGIN SUP ALONG WALNUT ST.

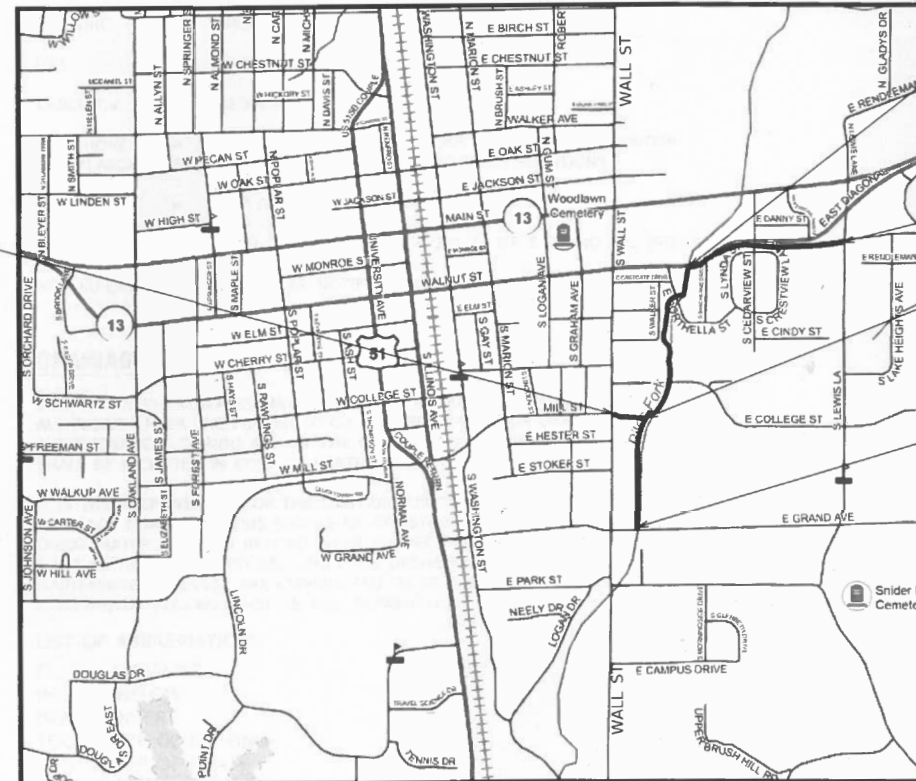
END PROJECT
STA. 219+00.28

STA. 303+78.44
WALL ST. CONNECTOR TRAIL =
STA. 113+60.27 TRAIL

BEGIN PROJECT
STA. 100+15.34



NOT TO SCALE



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 LENGTH
PILES FORK TRAIL = 5332.89 FT. = 1.010 MILE
WALL ST. CONNECTOR TRAIL = 364.59 FT. = 0.069 MILE

NET LENGTH
PILES FORK TRAIL = 5284.05 FT. = 1.001 MILE
WALL ST. CONNECTOR TRAIL = 364.59 FT. = 0.069 MILE



Signed: 10/16/2025
JOSHUA W. STEIN, P.E.
LICENSE NO. 062-062775
EXPIRATION DATE
11-30-2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED October 21st 2025
Carolyn H. Harty
MAYOR
CITY OF CARBONDALE

PASSED 10-27 2025
[Signature]
DISTRICT 9 ENGINEER
LOCAL ROADS & STREETS
RELEASED FOR
BID BASED ON
LIMITED REVIEW 10-27 2025
Loa Harty
REGION FIVE ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



PLANS PREPARED BY:
4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.624.4488
www.twm-inc.com
ILLINOIS - MISSOURI - TENNESSEE

Illinois Professional
Design Firm

No. 184-001220

License Expires: 4/30/2027

GENERAL

FOR CODED PAY ITEM DESCRIPTIONS, INCLUDED ITEMS, AND ALL MATERIAL SPECIFICATIONS, PLEASE REFER TO THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAVE WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE ENGINEER AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

THE CONTRACTOR SHALL CONFINE HIS OR HER OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN PER PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

ANY REFERENCE TO AN IDOT HIGHWAY STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

PIPE CULVERTS

THE CONTRACTOR SHALL VERIFY ALL EXISTING PIPE SIZES AND TYPES PRIOR TO ORDERING MATERIALS FOR PIPE CULVERT EXTENSIONS.

FUTURE MAINTENANCE

THE CITY OF CARBONDALE SHALL BE RESPONSIBLE FOR ALL FUTURE MAINTENANCE AND COST INCURRED AS IT RELATES TO THE WORK DETAILED IN THE APPROVED PLANS AND SPECIAL PROVISIONS FOR THIS CONTRACT (# 99763). THE ILLINOIS DEPARTMENT OF TRANSPORTATION WILL NOT BE RESPONSIBLE FOR ANY FUTURE MAINTENANCE OR COST INCURRED AS IT RELATES TO THE WORK DETAILED IN THE APPROVED PLANS AND SPECIAL PROVISIONS FOR THIS CONTRACT (# 99763).

EROSION CONTROL

ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE IMPLEMENTED AS SHOWN ON THE PLAN SHEETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS, OR IF THE EROSION PLAN STRUCTURES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO INSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OR HER EXPENSE.

EROSION AND SEDIMENT CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 280 OF THE IDOT STANDARD SPECIFICATIONS, THE PROJECT PLANS SHOWING EROSION CONTROL ITEMS, AND THE STORM WATER POLLUTION PREVENTION PLAN IN THE PROPOSAL BOOKLET. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED EARLY IN THE CONSTRUCTION STAGES AND BE MAINTAINED FOR THE DURATION OF THE PROJECT AS INDICATED ON THE PLANS AND AS DIRECTED BE THE ENGINEER.

UTILITIES

THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM OR VERIFY THE UTILITIES SHOWN ON THESE DOCUMENTS; THEREFORE, THEIR EXACT LOCATION, SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED BY THE CONTRACTOR.

THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES AT THIS LOCATION PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS, WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.

ANY SUBSURFACE UTILITY WITHIN THE CONSTRUCTION LIMITS IS TO BE VERIFIED FOR ACTIVITY AND ALL ABANDONED UTILITIES ARE TO BE REMOVED. COST INCLUDED IN COST OF EARTH EXCAVATION.

LIST OF UTILITIES

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY.

UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- ELECTRIC

=

AMEREN IL
- GAS

=

AMEREN IL
- CABLE T.V.

=

MEDIACOM
- TELEPHONE

=

CLEARWAVE COMMUNICATIONS, MCI/VERIZON, FRONTIER COMMUNICATIONS, BLUEBIRD NETWORK AND ZAYO FIBER SOLUTIONS
- SEWER

=

CITY OF CARBONDALE

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY *
NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

DRAINAGE

EXISTING DITCHES/SWALES MAY NEED TO BE REGRADED/SHAPED TO ENSURE ALL FLOWS ENTER THE PROPER DITCH, CULVERT, POND, OR OTHER DRAINAGE APPURTENANCES DURING AND AT THE COMPLETION OF THE PROJECT. COST SHALL BE INCLUDED IN COST OF EARTH EXCAVATION.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING VARIOUS STAGES OF CONSTRUCTION. THIS INCLUDES ALL LABOR MATERIALS USED BEYOND WHAT IS SPECIFIED IN THE PLANS. ITEMS SUCH AS TEMPORARY DITCHES AND PIPES DEEMED NECESSARY FOR MAINTAINING DRAINAGE ARE CONSIDERED TO BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL NOT BE PAID SEPARATELY.

LIST OF ABBREVIATIONS:

- FL.

=

FLOWLINE
- INF.

=

INFLOW
- INV.

=

INVERT
- TOC.

=

TOP OF CASTING
- TOG.

=

TOP OF GRATE

COMMITMENTS

TREES GREATER THAN OR EQUAL TO 3 INCHES IN DIAMETER SHALL NOT BE REMOVED BETWEEN APRIL 1ST AND SEPTEMBER 30TH OF ANY GIVEN YEAR.

HIGHWAY STANDARDS

- 000001-09

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02

AREAS OF REINFORCEMENT BARS
- 001006

DECIMAL OF AN INCH AND OF A FOOT
- 280001-07

TEMPORARY EROSION CONTROL SYSTEMS
- 424001-12

PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424016-06

MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 542401-04

METAL FLARED END SECTION FOR PIPE CULVERTS
- 602301-04

INLET - TYPE A
- 606001-09

CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER
- 701006-05

OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701101-05

OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02

OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701501-06

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701601-09

URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701701-10

URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06

SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-11

TRAFFIC CONTROL DEVICES
- 720001-01

SIGN PANEL MOUNTING DETAILS
- 720006-04

SIGN PANEL ERECTION DETAILS
- 728001-01

TELESCOPING STEEL SIGN SUPPORT
- 731001-01

BASE FOR TELESCOPING STEEL SIGN SUPPORT
- 780001-05

TYPICAL PAVEMENT MARKINGS

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CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	30
20200100	EARTH EXCAVATION	CU YD	2397
25000200	SEEDING, CLASS 2	ACRE	1.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	120
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	120
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	120
25100125	MULCH, METHOD 3	ACRE	1.25
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	260
28000305	TEMPORARY DITCH CHECKS	FOOT	48
28000400	PERIMETER EROSION BARRIER	FOOT	4077
28000500	INLET AND PIPE PROTECTION	EACH	14
28100107	STONE RIPRAP, CLASS A4	SQ YD	157
28200200	FILTER FABRIC	SQ YD	157
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	1534
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	6
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	229

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	192
42400800	DETECTABLE WARNINGS	SQ FT	192
44000100	PAVEMENT REMOVAL	SQ YD	3375
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	161
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	362
44000600	SIDEWALK REMOVAL	SQ FT	12288
50105220	PIPE CULVERT REMOVAL	FOOT	104
54262712	METAL FLARED END SECTIONS 12"	EACH	11
54262715	METAL FLARED END SECTIONS 15"	EACH	4
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	167
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	49
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	40
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	40
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	282
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	916

*

* SPECIALTY ITEM

MODEL Default
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	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	3
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	2
	67100100	MOBILIZATION	L SUM	1
*	72000100	SIGN PANEL - TYPE 1	SQ FT	109
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4
	72400205	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	4
	72400210	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	268
*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1498
*	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	383
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	103
*	83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	7
*	83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6'	EACH	8
*	84200804	REMOVAL OF POLE FOUNDATION	EACH	15

	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
*	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	15
	Z0004002	BOLLARDS	EACH	14
	Z0007120	WELDED WIRE FABRIC 6X6	SQ YD	4633
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
*	X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	4
	X0327880	WAYFINDING SIGN, SPECIAL	L SUM	1
	X0350805	FOLD DOWN BOLLARDS	EACH	7
	X1700066	POTHOLING	EACH	25
	X4240440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (SPECIAL)	SQ FT	54323
	X5091765	PIPE HANDRAIL (SPECIAL)	FOOT	50
	X5091770	HANDRAIL REMOVAL	FOOT	45
	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	2
	X6640632	WOOD RAIL	FOOT	1016
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
*	X8140115	HANDHOLE TO BE ADJUSTED	EACH	1
#	Z0076600	TRAINEES	HOURL	500
#	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500

* SPECIALTY ITEM # 0042



TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = jstein
DESIGNED -
DRAWN -
PLOT SCALE = 100.0000' / in.
CHECKED -
PLOT DATE = 11/3/2025
DATE -
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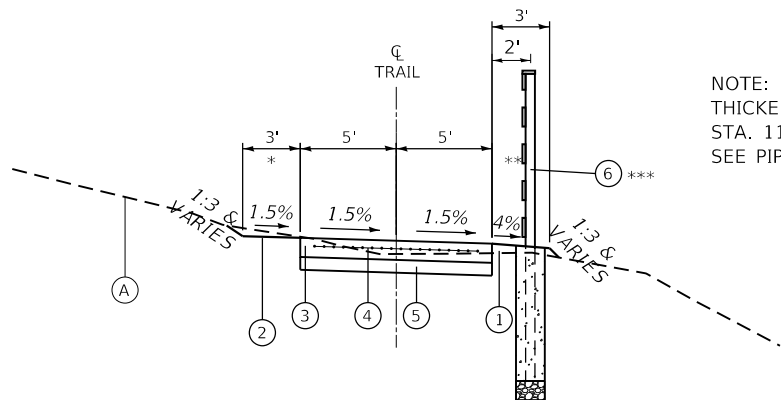


CITY OF CARBONDALE

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	4
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				



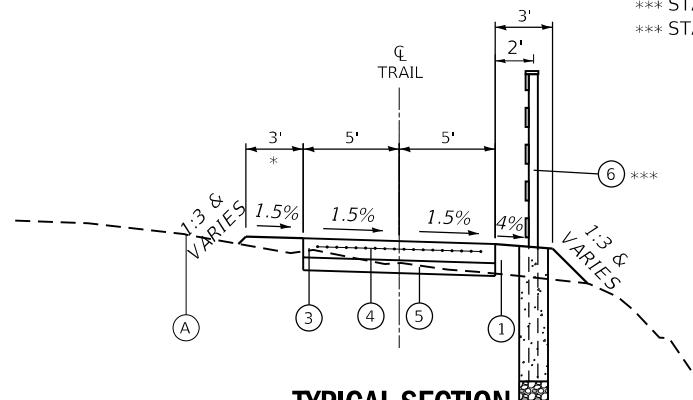
TYPICAL SECTION
PILES FORK GREENWAY (ALONG CREEK)

* 1': STA. 101+20.00 TO STA. 102+60.00
* 2': STA. 102+75.00 TO STA. 104+50.00
* 0': STA. 114+20.00 TO STA. 115+00.00
* 0': STA. 121+90.00 TO STA. 122+10.00

STA. 100+76.84 TO STA. 110+25.00
STA. 111+25.00 TO STA. 112+50.00
STA. 114+20.00 TO STA. 117+50.00
STA. 119+69.45 TO STA. 125+25.00
STA. 129+00.00 TO STA. 131+50.00

** 2': STA. 100+52.42 TO STA. 103+99.85
** 0': STA. 114+20.00 TO STA. 114+95.07
** 2': STA. 120+75.00 TO STA. 123+00.00

*** STA. 101+00.00 TO STA. 105+00.00
*** STA. 107+50.00 TO STA. 109+25.00
*** STA. 115+00.00 TO STA. 115+75.00
*** STA. 117+50.00 TO STA. 118+30.00
*** STA. 121+25.00 TO STA. 123+00.00

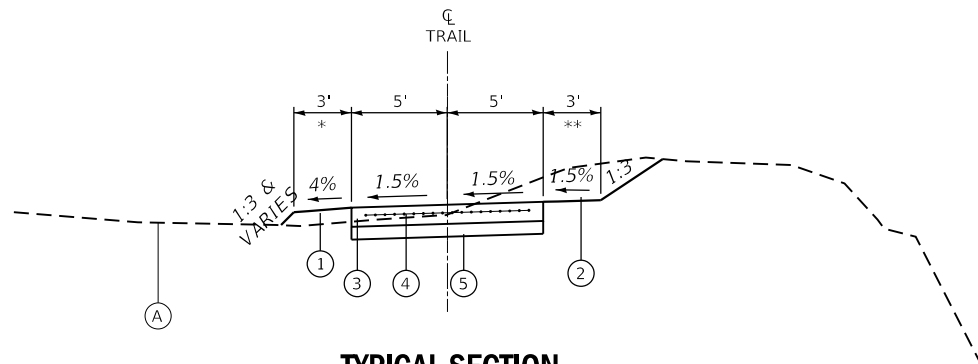


TYPICAL SECTION
PILES FORK GREENWAY (ALONG CREEK)

* 1': STA. 133+80.00 TO STA. 134+34.19
* 1.5': STA. 133+80.00 TO STA. 134+32.36

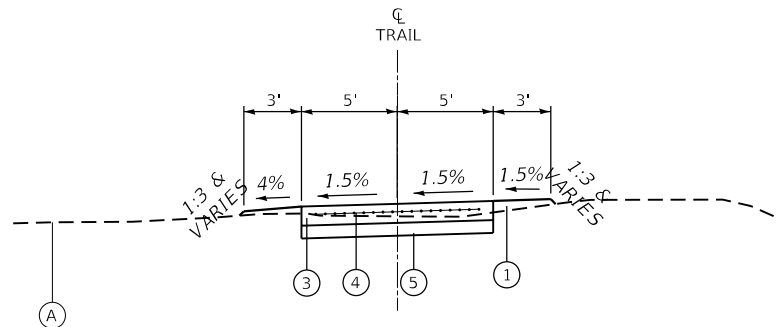
STA. 110+25.00 TO STA. 111+25.00
STA. 117+50.00 TO STA. 118+30.00
STA. 127+00.00 TO STA. 129+00.00
STA. 132+50.00 TO STA. 134+32.36

*** STA. 117+50.00 TO STA. 118+30.00



TYPICAL SECTION
PILES FORK GREENWAY (ALONG CREEK)

STA. 112+50.00 TO STA. 114+20.00
STA. 118+30.00 TO STA. 119+69.45



TYPICAL SECTION
PILES FORK GREENWAY (ALONG CREEK)

STA. 125+25.00 TO STA. 127+00.00
STA. 131+50.00 TO STA. 132+50.00

LEGEND

- Ⓐ EX. GROUND
Ⓑ EX. ADJACENT ROADWAY

- ① PR. EMBANKMENT
② PR. EXCAVATION
③ PR. PCC SIDEWALK, 6" (SPECIAL)
④ PR. WELDED WIRE FABRIC 6X6
⑤ PR. SUBBASE GRANULAR MATERIAL, TY A, 4"
⑥ PR. WOOD RAIL

MODEL: Default
FILE NAME: R:\2023\202308\7A4 CADD - DWG\7A.7 TranSheets\208\7A-shr-typlcaldgn



TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = Inguyen
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 10/14/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
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REVISED -
REVISED -

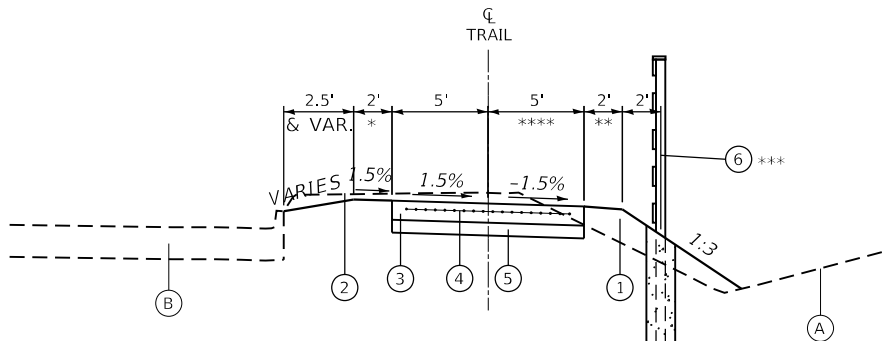


CITY OF CARBONDALE

TYPICAL SECTIONS

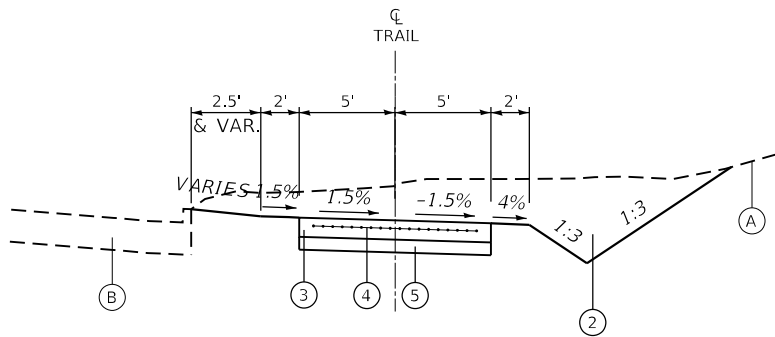
SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	5
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ILLINOIS FED. AID PROJECT				



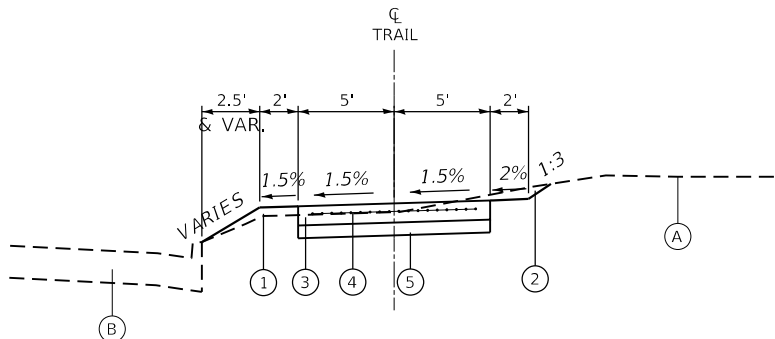
TYPICAL SECTION
PILES FORK GREENWAY (ALONG WALNUT ST.)

* 1.5': STA. 215+00.00 TO STA. 216+00.00 STA. 200+00.00 TO STA. 203+80.00 ** 1': STA. 200+20.00 TO STA. 200+75.00
STA. 212+50.00 TO STA. 216+30.00
*** STA. 200+19.47 TO STA. 200+77.48
**** 3': STA. 200+20.00 TO STA. 200+75.00



TYPICAL SECTION
PILES FORK GREENWAY (ALONG WALNUT ST.)

STA. 203+80.00 TO STA. 208+40.96
STA. 216+30.00 TO STA. 219+00.28

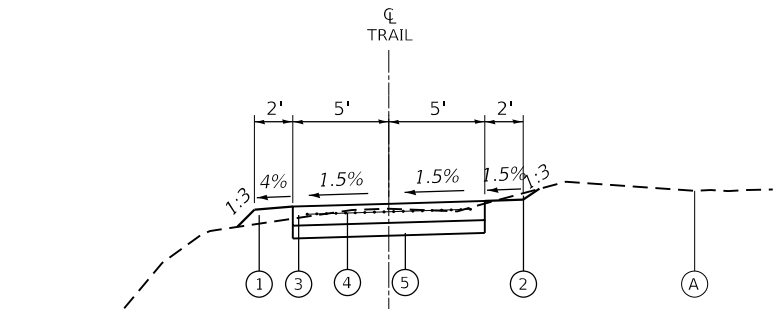


TYPICAL SECTION
PILES FORK GREENWAY (ALONG WALNUT ST.)

STA. 208+40.96 TO STA. 212+50.00

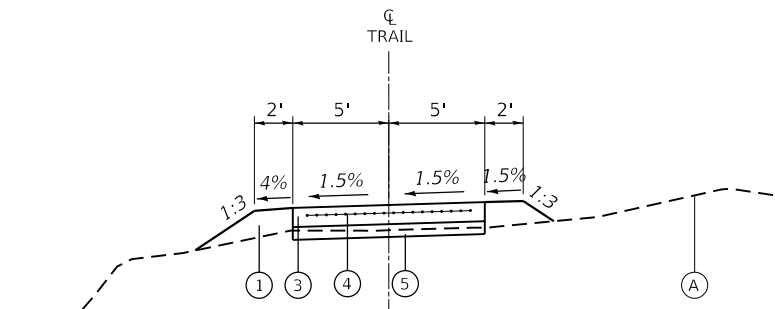
LEGEND

- (A) EX. GROUND
- (B) EX. ADJACENT ROADWAY
- (1) PR. EMBANKMENT
- (2) PR. EXCAVATION
- (3) PR. PCC SIDEWALK, 6" (SPECIAL)
- (4) PR. WELDED WIRE FABRIC 6X6
- (5) PR. SUBBASE GRANULAR MATERIAL, TY A, 4"
- (6) PR. WOOD RAIL



TYPICAL SECTION
WALL ST. CONNECTOR TRAIL

STA. 300+08.82 TO STA. 301+50.00
STA. 302+25.00 TO STA. 303+73.41



TYPICAL SECTION
WALL ST. CONNECTOR TRAIL

STA. 301+50.00 TO STA. 302+25.00

MODEL: Default
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TWM, INC.
www.twm-inc.com
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= Inguyen
DESIGNED	-
DRAWN	-
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/14/2025

DESIGNED	-
REVIS	-
REVIS	-
REVIS	-
REVIS	-



CITY OF CARBONDALE

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	6
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				

SEEDING SCHEDULE									
LOCATION				SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 3	TEMPORARY EROSION CONTROL SEEDING (2 APPL.)
STATION	TO	STATION	LT/RT	ACRE	POUND	POUND	POUND	ACRE	POUND
PILES FORK GREENWAY (ALONG CREEK)									
100+16.32	TO	100+26.36	LT/RT	0.005	0.5	0.5	0.5	0.005	1.0
100+62.61	TO	119+18.85	LT/RT	0.340	30.6	30.6	30.6	0.340	68.0
119+67.69	TO	130+36.57	LT/RT	0.243	21.9	21.9	21.9	0.243	48.6
130+77.57	TO	134+45.95	LT/RT	0.095	8.6	8.6	8.6	0.095	19.0
PILES FORK GREENWAY (ALONG WALNUT)									
200+00.00	TO	202+20.80	LT/RT	0.041	3.7	3.7	3.7	0.041	8.2
202+93.09	TO	208+56.26	LT/RT	0.224	20.2	20.2	20.2	0.224	44.8
208+97.58	TO	218+97.79	LT/RT	0.285	25.7	25.7	25.7	0.285	57.0
CONNECTOR TRAIL									
300+08.82	TO	303+73.41	LT/RT	0.073	6.6	6.6	6.6	0.073	14.6
TOTAL :				1.306	117.8	117.8	117.8	1.306	261.2
PAY - TOTAL :				1.25	120	120	120	1.25	260

SIGNAGE SCHEDULE											
LOCATION				DESCRIPTION			SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY - TYPE A	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY - TYPE B	
STATION	OFFSET	LT/RT	NOTES	SIGN	SHAPE	SIZE		SQ FT	FOOT	EACH	EACH
PILES FORK GREENWAY (ALONG CREEK)											
100+15.09	106.20	LT		W11-15	REC	30	X 30	6.25	18.7		
				W11-15P	REC	24	X 18	3.00			
				W16-9P	REC	24	X 12	2.00			
100+24.81	6.70	LT	FLASHING BEACON	W11-15P	REC	24	X 18	3.00			
				W16-7P	REC	21	X 15	2.19			
100+64.53	6.68	RT	FLASHING BEACON	W11-15P	REC	24	X 18	3.00			
				W16-7P	REC	21	X 15	2.19			
100+65.31	107.34	RT		W11-15	REC	30	X 30	6.25	18.7		
				W11-15P	REC	24	X 18	3.00			
				W16-9P	REC	24	X 12	2.00			
100+79.04	7.00	LT								1	
100+99.69	7.00	LT		R1-1	OCT	18	X 18	2.25	14.8		
119+08.81	9.24	RT		R1-1	OCT	18	X 18	2.25	14.7		
119+26.55	12.72	LT	FLASHING BEACON	W11-15P	REC	24	X 18	3.00			
				W16-7P	REC	21	X 15	2.19			
119+34.38	111.76	LT		W11-15	REC	30	X 30	6.25	18.7		
				W11-15P	REC	24	X 18	3.00			
				W16-9P	REC	24	X 12	2.00			
119+50.36	115.80	RT		W11-15	REC	30	X 30	6.25	18.7		
				W11-15P	REC	24	X 18	3.00			
				W16-9P	REC	24	X 12	2.00			
119+62.43	16.38	RT	FLASHING BEACON	W11-15P	REC	24	X 18	3.00			
				W16-7P	REC	21	X 15	2.19			
119+77.70	9.27	LT		R1-1	OCT	18	X 18	2.25	14.7		
119+94.89	7.00	RT								1	
130+32.00	81.39	LT		W11-15	REC	30	X 30	6.25	17.2		
				W16-9P	REC	24	X 12	2.00			
				W11-15	REC	30	X 30	6.25			
130+87.59	96.44	RT		W16-9P	REC	24	X 12	2.00	17.2		
PILES FORK GREENWAY (ALONG WALNUT)											
200+08.24	16.00	RT									1
202+10.21	7.00	RT		R1-1	OCT	18	X 18	2.25	14.9		
203+14.62	7.00	LT		R1-1	OCT	18	X 18	2.25	14.4		
208+41.87	4.09	RT		R1-1	OCT	18	X 18	2.25	13.7		
209+16.71	7.86	LT		R1-1	OCT	18	X 18	2.25	14.4		
209+40.34	7.00	RT								1	
211+15.59	7.00	RT								1	
218+83.24	7.00	RT		R1-1	OCT	18	X 18	2.25	13.5		
218+95.91	8.04	RT									1
CONNECTOR TRAIL											
300+12.97	7.00	RT		R5-3	REC	24	X 24	4.00	14.3		
300+25.44	7.00	LT		R1-1	OCT	18	X 18	2.25	14.5		
303+56.14	7.00	RT		R1-1	OCT	18	X 18	2.25	14.4		
TOTAL :								109	268	4	2

ENTRANCE SCHEDULE										
LOCATION			PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SUBBASE GRANULAR MATERIAL, TYPE A *	AGGREGATE FOR TEMPORARY ACCESS	PAVEMENT REMOVAL *	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL *	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 *
STATION	LT/RT	TYPE	SQ YD	SQ YD	SQ YD	TON	SQ YD	SQ YD	FOOT	FOOT
PILES FORK GREENWAY (ALONG WALNUT)										
202+54.93	LT/RT		229.4		53.5		257.0			
204+74.25	LT/RT	P.E.		47.0	13.1	1.3		16.5	25.6	25.6
213+66.35	LT/RT	C.E.		65.2	18.0	1.8		70.4	35.1	35.1
215+56.78	LT/RT	C.E.		54.9	15.4	1.8		58.2	34.5	34.5
217+82.75	LT/RT	C.E.		24.4	7.1	0.9		16.2	17.9	17.9
TOTAL :			229	192	107	6	257	161	113	113

*SEE SIDEWALK SCHEDULE FOR ADDITIONAL QUANTITY

PAVEMENT MARKING SCHEDULE						
LOCATION					PAINT PAVEMENT MARKING - LINE	
					4 INCH	24 INCH
					YELLOW	WHITE
STATION	TO	STATION	LOCATION	TYPE	FOOT	FOOT
PILES FORK GREENWAY (ALONG CREEK)						
100+31.69	TO	100+57.70	CROSSWALK	SINGLE		70.0
100+87.22	TO	100+92.22	BOLLARD STRIPING	SINGLE	5.0	
100+92.22	TO	101+02.22	BOLLARD STRIPING	DOUBLE	20.4	
101+02.22	TO	101+07.22	BOLLARD STRIPING	SINGLE	5.0	
101+07.22	TO	118+98.85	TRAIL CL	SKIP-DASH	447.9	
118+98.85	TO	119+03.85	BOLLARD STRIPING	SINGLE	5.0	
119+03.85	TO	119+13.85	BOLLARD STRIPING	DOUBLE	20.4	
119+13.85	TO	119+18.85	BOLLARD STRIPING	SINGLE	5.0	
119+67.69	TO	11+97.69	BOLLARD STRIPING	SINGLE	5.0	
119+72.69	TO	119+82.69	BOLLARD STRIPING	DOUBLE	20.4	
119+82.69	TO	119+87.69	BOLLARD STRIPING	SINGLE	5.0	
119+87.69	TO	129+95.91	TRAIL CL	SKIP-DASH	252.1	
129+95.91	TO	130+00.92	BOLLARD STRIPING	SINGLE	5.0	
130+00.92	TO	130+10.93	BOLLARD STRIPING	DOUBLE	20.4	
130+10.93	TO	130+15.93	BOLLARD STRIPING	SINGLE	5.0	
130+39.34	TO	134+73.34	CROSSWALK	SINGLE		90.0
130+94.49	TO	130+99.49	BOLLARD STRIPING	SINGLE	5.0	
130+99.49	TO	131+09.49	BOLLARD STRIPING	DOUBLE	20.4	
131+09.49	TO	131+14.49	BOLLARD STRIPING	SINGLE	5.0	
131+14.49	TO	134+10.83	TRAIL CL	SKIP-DASH	74.1	
134+10.83	TO	134+15.83	BOLLARD STRIPING	SINGLE	5.0	
134+15.83	TO	134+25.83	BOLLARD STRIPING	DOUBLE	20.4	
134+25.83	TO	134+30.83	BOLLARD STRIPING	SINGLE	5.0	
PILES FORK GREENWAY (ALONG WALNUT)						
200+05.01	TO	202+10.21	TRAIL CL	SKIP-DASH	51.3	
202+25.36	TO	202+83.38	CROSSWALK	SINGLE		143.2
203+00.88	TO	208+49.17	TRAIL CL	SKIP-DASH	132.8	
208+62.13	TO	208+92.13	CROSSWALK	SINGLE		80.0
209+04.81	TO	218+85.36	TRAIL CL	SKIP-DASH	241.0	
CONNECTOR TRAIL						
300+12.97	TO	300+17.97	BOLLARD STRIPING	SINGLE	5.0	
300+17.97	TO	300+27.97	BOLLARD STRIPING	DOUBLE	20.4	
300+27.97	TO	300+32.97	BOLLARD STRIPING	SINGLE	5.0	
300+32.97	TO	303+78.44	TRAIL CL	SKIP-DASH	86.4	
TOTAL :					1498	383

MODEL Default
FILE NAME: 10/2023/220847A4 CAD - DWG/4.7 TranSheets/220847A-shf-schedules.dgn



TWM, INC.
www.twm-inc.com
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = Inguyen
DESIGNED -
DRAWN -
PLOT SCALE = 100,0000 ' / in.
PLOT DATE = 10/14/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



CITY OF CARBONDALE

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	8
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				

LIGHT POLE SCHEDULE					
LOCATION		LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6'	RELOCATE EXISTING LIGHTING UNIT	REMOVAL OF POLE FOUNDATION
STATION	LT/RT	EACH	EACH	EACH	EACH
PILES FORK GREENWAY (ALONG CREEK)					
101+39.97	LT	1		1	1
107+31.13	LT	1		1	1
108+78.72	LT	1		1	1
115+28.59	LT	1		1	1
117+93.01	LT	1		1	1
PILES FORK GREENWAY (ALONG WALNUT)					
203+06.45	RT		1	1	1
205+06.03	RT		1	1	1
207+29.28	RT		1	1	1
209+76.96	RT		1	1	1
211+44.05	RT		1	1	1
213+20.19	RT		1	1	1
214+87.18	RT		1	1	1
216+51.46	RT		1	1	1
CONNECTOR TRAIL					
300+36.81	RT	1		1	1
302+93.96	RT	1		1	1
TOTAL :		7	8	15	15

DRAINAGE SCHEDULE												
LOCATION							INLET AND PIPE PROTECTION	PIPE CULVERTS, CLASS D		METAL FLARED END SECTIONS		INLETS, TYPE A, TYPE 8 GRATE
								TYPE 1		12 "	15 "	
								12 "	15 "			
STATION	OFFSET	LT/RT	TO	STATION	OFFSET	LT/RT	EACH	FOOT	FOOT	EACH	EACH	EACH
PILES FORK GREENWAY (ALONG CREEK)												
107+43.72	24.13	RT	TO	107+47.06	11.86	LT	1	32.6		2		
115+20.84	12.86	LT	TO	115+22.01	11.99	RT	1		33.1		2	
122+99.75	6.17	LT					1					
124+07.52	8.02	LT					1					
127+24.84	13.07	LT	TO	127+28.52	13.33	RT	1	23.2		2		
127+93.48	7.26	LT					1					
132+18.61	13.77	LT	TO	132+24.26	16.00	RT	1	26.8		2		
PILES FORK GREENWAY (ALONG WALNUT)												
203+67.76	13.93	RT					1					
204+54.00	13.37	RT	TO	204+86.96	13.12	RT	1	28.6		2		
210+88.72	7.77	LT					1					
217+56.96	12.39	RT	TO	217+86.16	13.24	RT	1	25.1		2		
218+74.49	29.96	RT					1					
CONNECTOR TRAIL												
302+04.03	11.09	RT	TO	302+04.19	8.63	LT	1		15.4		2	
303+52.83	6.16	RT	TO	303+51.54	24.81	LT	1	30.3		1		1
TOTAL :							14	167	49	11	4	1

FLASHING BEACON SCHEDULE			
LOCATION			SOLAR - POWERED FLASHING BEACON ASSEMBLY (COMPLETE)
STATION	OFFSET	LT/RT	EACH
PILES FORK GREENWAY (ALONG CREEK)			
100+24.81	6.70	LT	1
100+64.53	6.68	RT	1
119+26.55	12.72	LT	1
119+62.43	16.38	RT	1
TOTAL :			4

BOLLARD SCHEDULE			
LOCATION		BOLLARDS	FOLD DOWN BOLLARDS
STATION	LT/RT	EACH	EACH
PILES FORK GREENWAY (ALONG CREEK)			
100+97.22	LT	1	
	CENTER		1
	RT	1	
119+08.85	LT	1	
	CENTER		1
	RT	1	
119+77.69	LT		
	CENTER		1
	RT	1	
130+05.92	LT	1	
	CENTER		1
	RT	1	
131+04.49	LT	1	
	CENTER		1
	RT	1	
134+20.83	LT	1	
	CENTER		1
	RT	1	
CONNECTOR TRAIL			
300+22.97	LT	1	
	CENTER		1
	RT	1	
TOTAL :		14	7

HAND RAIL SCHEDULE				
LOCATION			PIPE HANDRAIL (SPECIAL)	WOOD RAIL
STATION		LT/RT	FOOT	FOOT
PILES FORK GREENWAY (ALONG CREEK)				
101+00.00	TO	105+00.00	RT	400.0
107+50.00	TO	109+25.00	RT	175.0
113+85.28	TO	113+97.00	LT	11.0
113+97.00	TO	114+22.00	LT	25.0
113+97.00	TO	114+22.00	RT	25.0
113+86.79	TO	113+97.00	RT	11.0
114+22.00	TO	114+33.91	LT	12.0
114+22.00	TO	114+33.91	RT	12.0
115+00.00	TO	115+75.00	RT	80.0
117+50.00	TO	118+30.00	RT	81.0
121+25.00	TO	123+00.00	RT	175.0
CONNECTOR TRAIL				
200+19.47	TO	200+77.48	RT	59.0
TOTAL :			50	1016

MODEL Default
FILE NAME: 10/2022/0220847A4 CADD - DWG/4.7 Tran/Sheets/220847A-shh-schedules.dgn



TWM, INC.
www.twm-inc.com
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= Inguyen
PLOT SCALE	= 100,0000 ' / in.
PLOT DATE	= 10/14/2025

DESIGNED -	
DRAWN -	
CHECKED -	
DATE -	

REVISED -	
REVISED -	
REVISED -	
REVISED -	



CITY OF CARBONDALE

SCHEDULE OF QUANTITIES

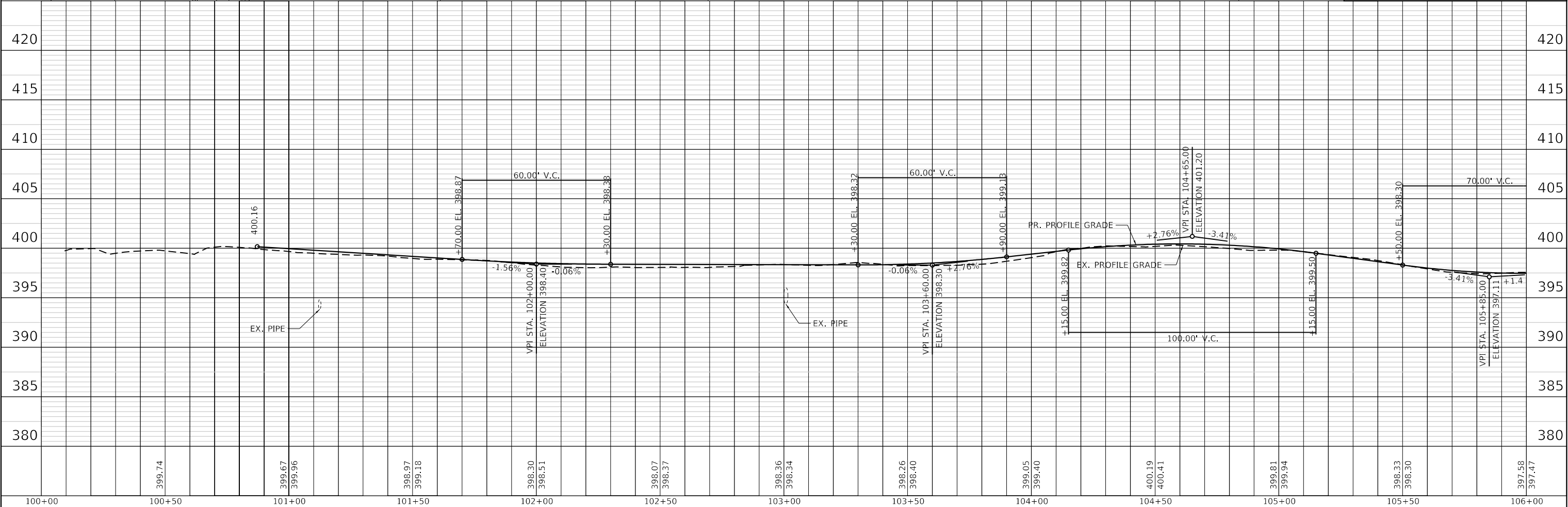
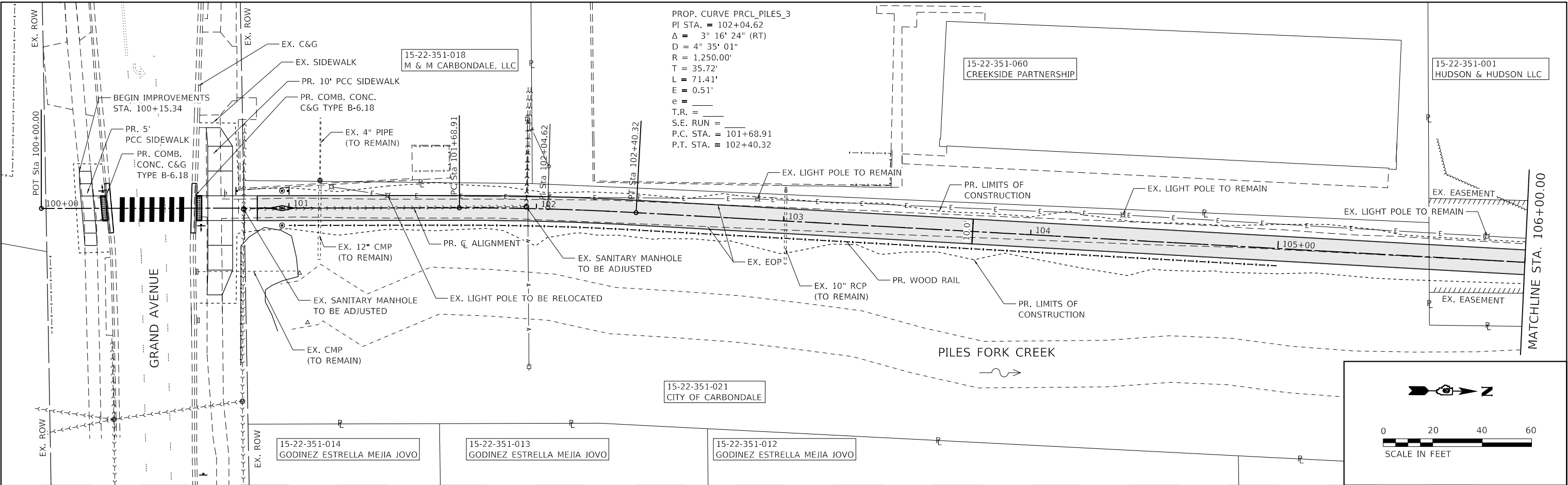
SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	9
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default
FILE NAME: P:\2022\220847\A4 CADD - DWG\A4.7 Tran\Sheets\220847A-shs-pl\pr01.dgn



TWM, INC. www.twm-inc.com IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = Inguyen	DESIGNED -	REVISED -	CARBONDALE All Ways Open	CITY OF CARBONDALE	PLAN AND PROFILE PILES FORK GREENWAY		F.A.P. RTE. 331	SECTION 22-00151-00-BT	COUNTY JACKSON	TOTAL SHEETS 79	SHEET NO. 10
	PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 99763				
	PLOT DATE = 10/14/2025	DATE -	REVISED -									
	SCALE: 1"=20'							SHEET 1	OF 10 SHEETS	STA. 100+15.34	TO STA. 106+00.00	ILLINOIS FED. AID PROJECT

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

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

MODEL: Default
FILE NAME: P:\2022\220847A4 CADD - DWG\4.7 Tran\Sheets\220847A-shs-pln\pr02.dgn

PROP. CURVE PRCL_PILES_6
PI STA. = 106+65.32
 $\Delta = 6^\circ 52' 40''$ (LT)
D = 5° 43' 46"
R = 1,000.00'
T = 60.09'
L = 120.04'
E = 1.80'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 106+05.22
P.T. STA. = 107+25.26

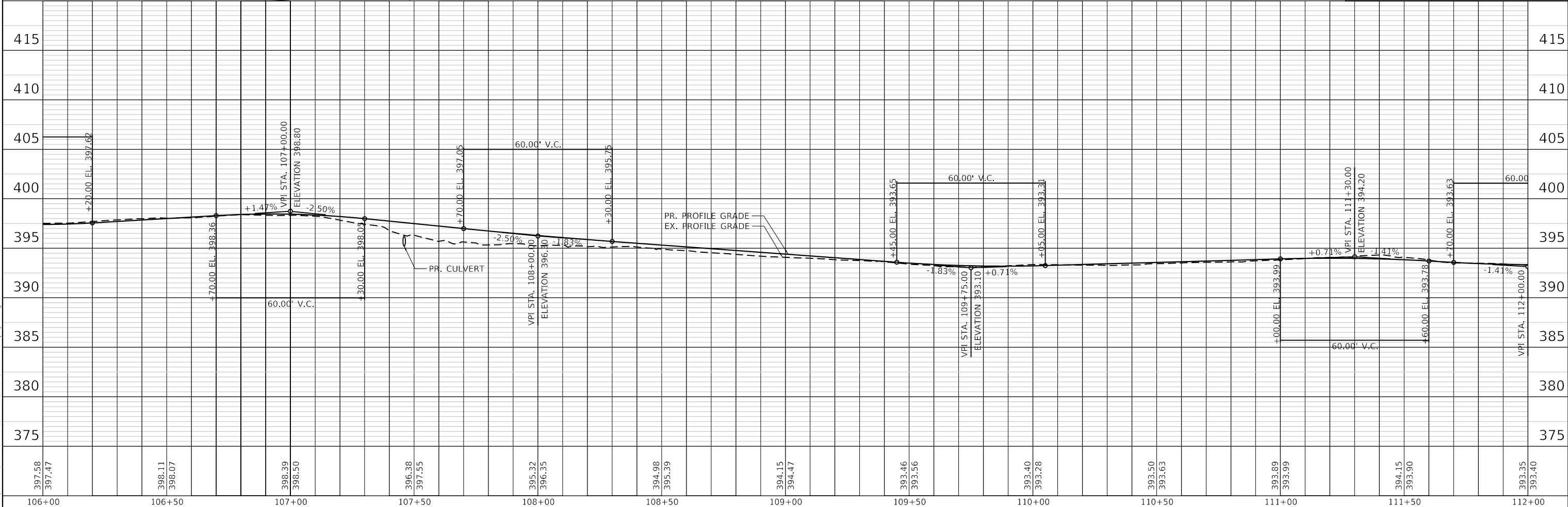
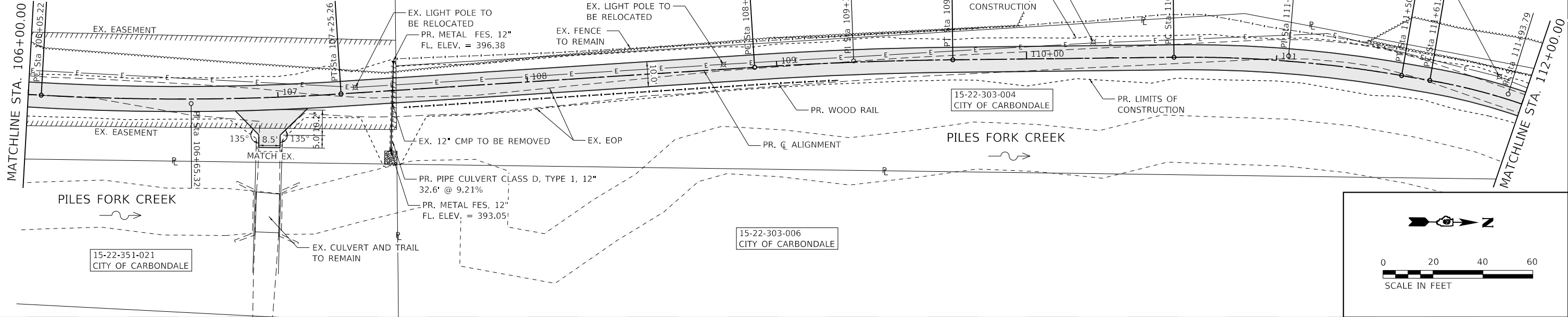
15-22-351-001
HUDSON & HUDSON LLC

15-22-303-003
AMER CAMPUS COMM OP PART LP

PROP. CURVE PRCL_PILES_9
PI STA. = 109+30.83
 $\Delta = 3^\circ 01' 55''$ (RT)
D = 3° 49' 11"
R = 1,500.00'
T = 39.70'
L = 79.38'
E = 0.53'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 108+91.13
P.T. STA. = 109+70.51

PROP. CURVE PRCL_PILES_12
PI STA. = 111+04.91
 $\Delta = 10^\circ 29' 21''$ (RT)
D = 11° 27' 33"
R = 500.00'
T = 45.90'
L = 91.54'
E = 2.10'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 110+59.02
P.T. STA. = 111+50.55

PROP. CURVE PRCL_PILES_15
PI STA. = 111+93.79
 $\Delta = 15^\circ 06' 17''$ (RT)
D = 23° 52' 24"
R = 240.00'
T = 31.82'
L = 63.27'
E = 2.10'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 111+61.97
P.T. STA. = 112+25.24



 TWM, INC. WWW.TWM-INC.COM ILL. DESIGN FIRM LICENSE NO: 184-001220	USER NAME = Inguyen	DESIGNED -	REVISED -	 CARBONDALE All Ways Open	CITY OF CARBONDALE	PLAN AND PROFILE PILES FORK GREENWAY				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -			331	22-00151-00-BT	JACKSON	79	11				
	PLOT DATE = 10/14/2025	CHECKED -	REVISED -			CONTRACT NO. 99763								
	DATE -	REVISED -												
						SCALE: 1"=20'	SHEET 2	OF 10	SHEETS	STA. 106+00.00	TO STA. 112+00.00			
										ILLINOIS	FED. AID PROJECT			

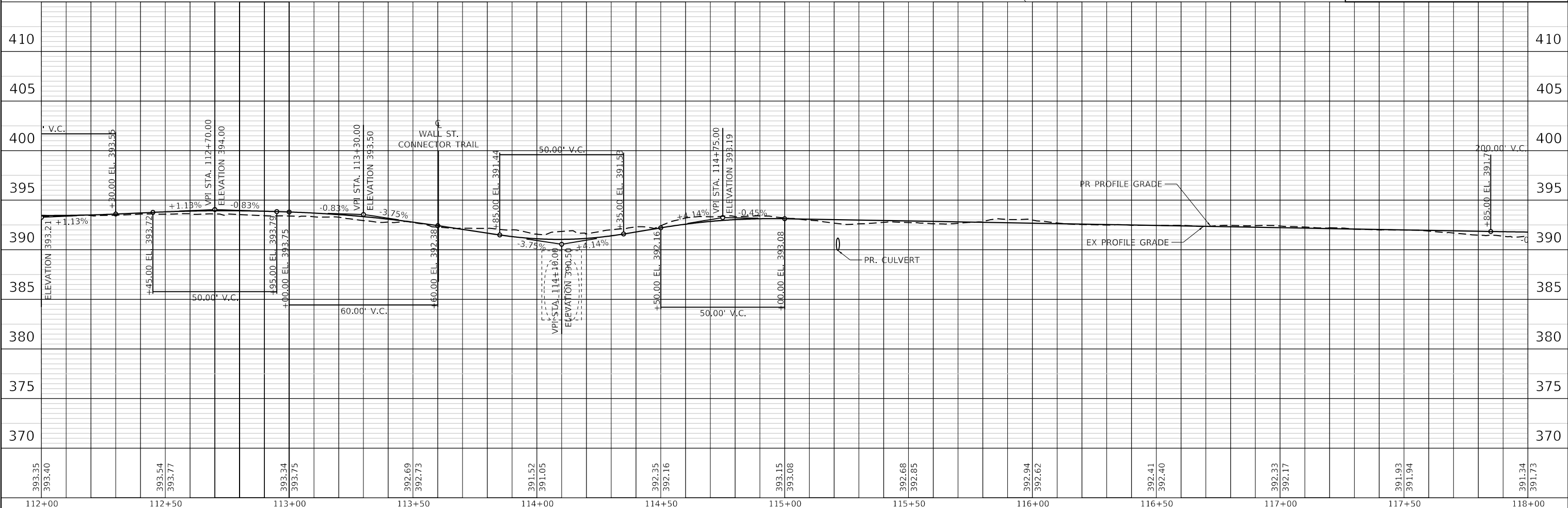
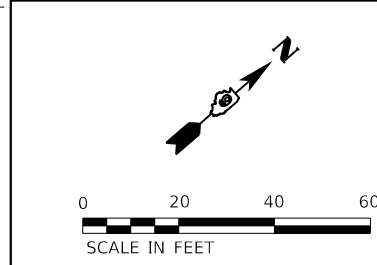
PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHKD _____		



TWM
ENGINEERING
&
GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO:
184-001220

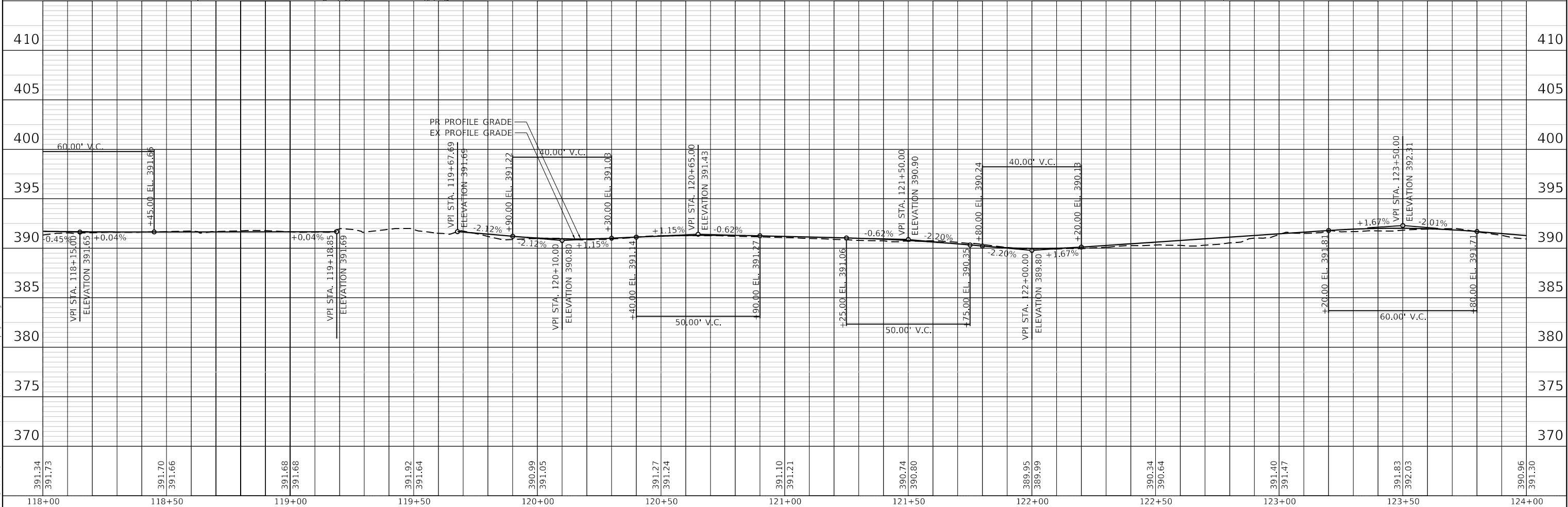
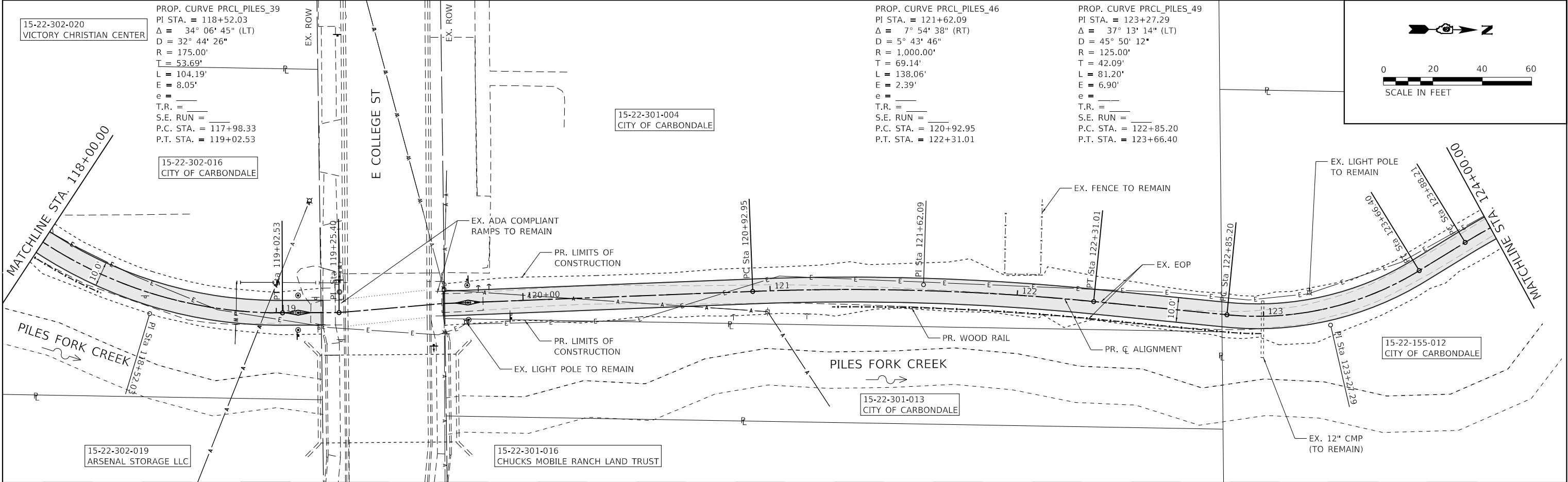


 TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = Inguyen	DESIGNED -	REVISED -	 CARBONDALE IL 62901	CITY OF CARBONDALE	PLAN AND PROFILE PILES FORK GREENWAY				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,000' / in.	DRAWN -	REVISED -							331	22-00151-00-BT	JACKSON	79	12
	PLOT DATE = 10/14/2025	CHECKED -	REVISED -			CONTRACT NO. 99763								
		DATE	REVISED -			SCALE: 1"=20'	SHEET 3	OF 10 SHEETS	STA. 112+00.00	TO STA. 118+00.00	ILLINOIS FED. AID PROJECT			

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

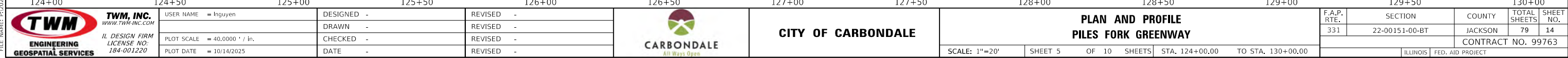
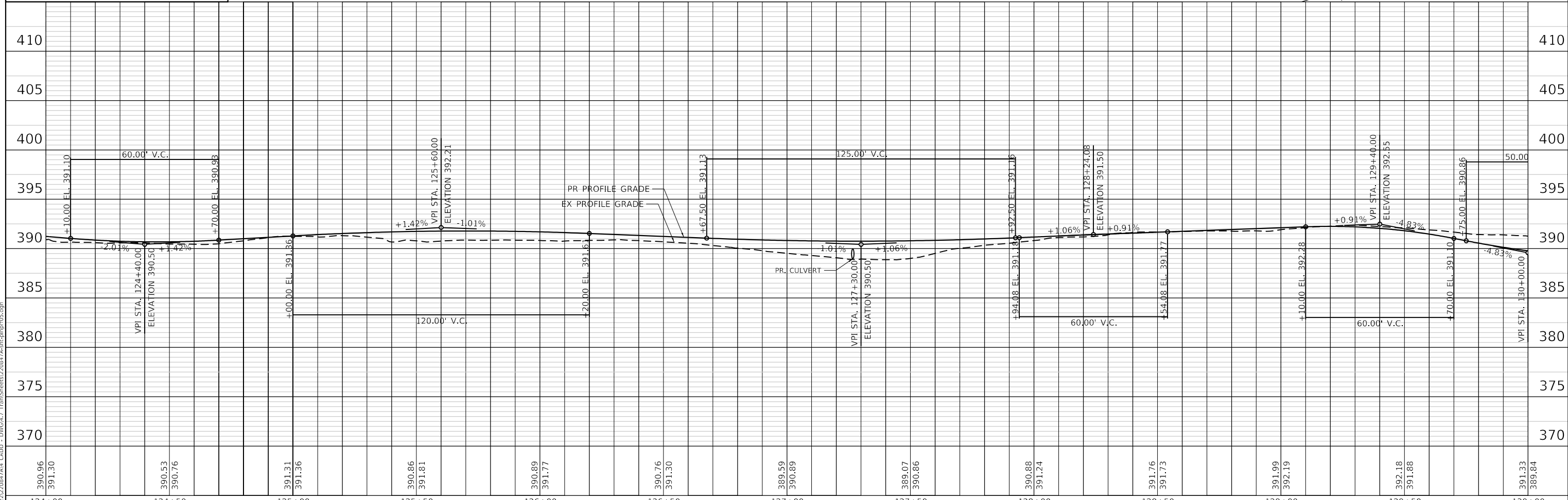
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NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHNG		

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 TWM, INC. WWW:TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = Inguyen	DESIGNED -	REVISED -	 CARBONDALE All Ways Open	CITY OF CARBONDALE	PLAN AND PROFILE PILES FORK GREENWAY				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	331	22-00151-00-BT	JACKSON							79	13			
	PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -			CONTRACT NO. 99763								
	PLOT DATE = 10/14/2025	CHECKED -	REVISED -			SCALE: 1"=20'	SHEET 4	OF 10	SHEETS	STA. 118+00.00	TO STA. 124+00.00	ILLINOIS FED. AID PROJECT		
DATE -	REVISED -													

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

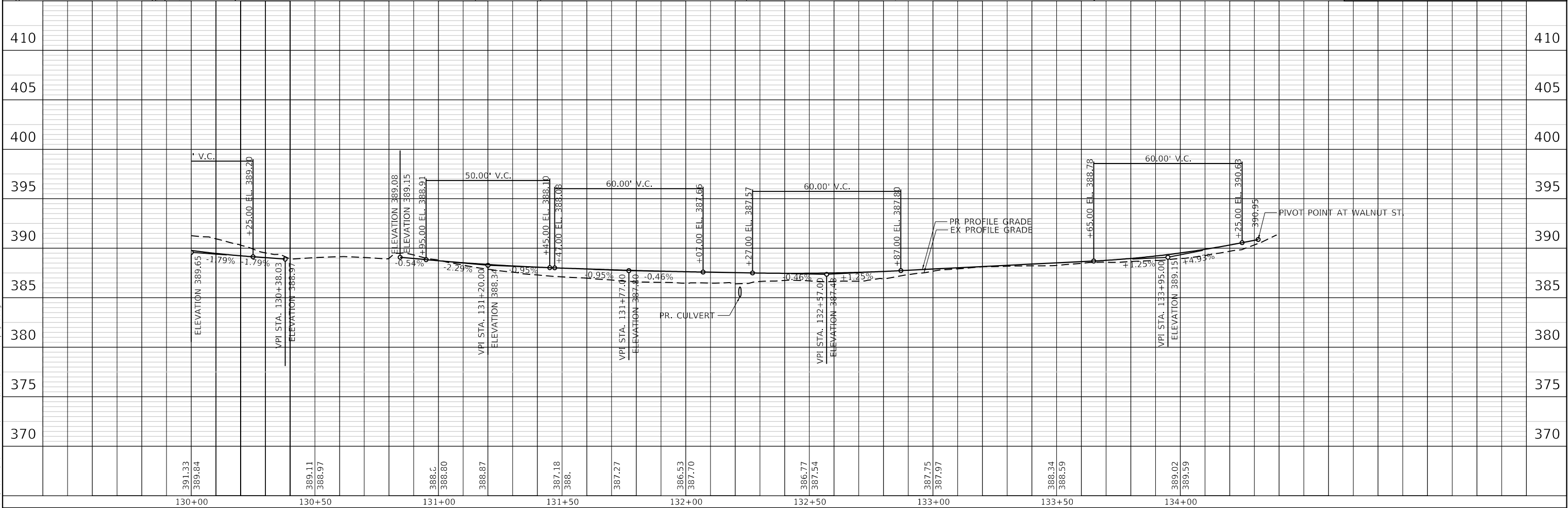
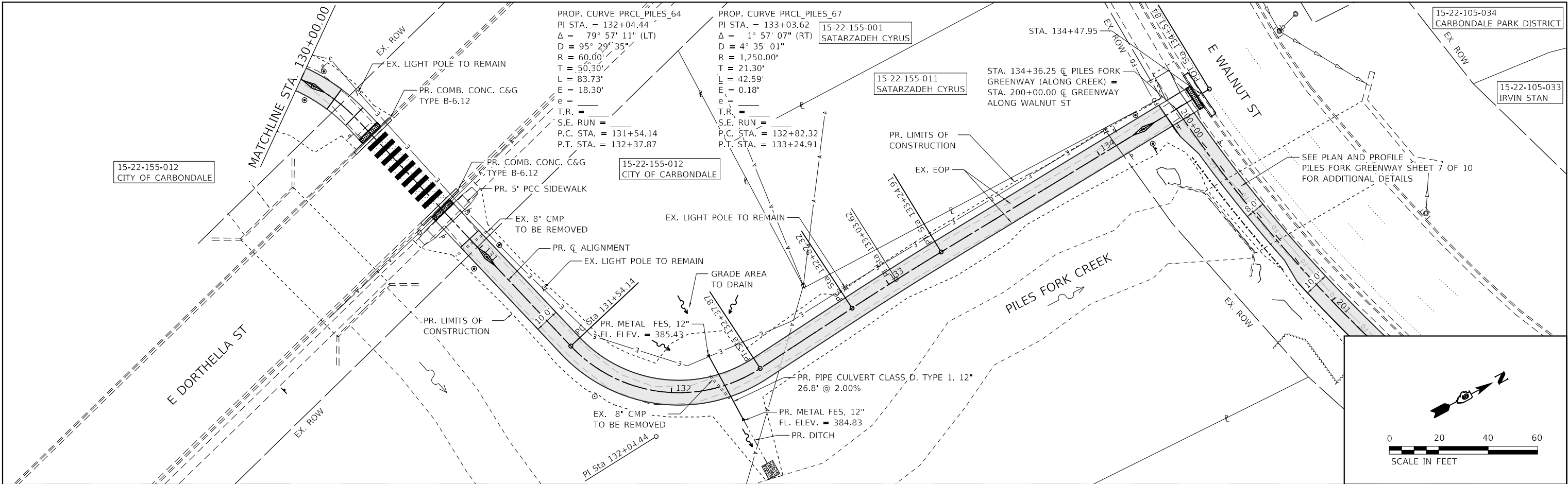


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PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK		
ALIGNMENT CHECKED		
CADD FILE NAME		

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

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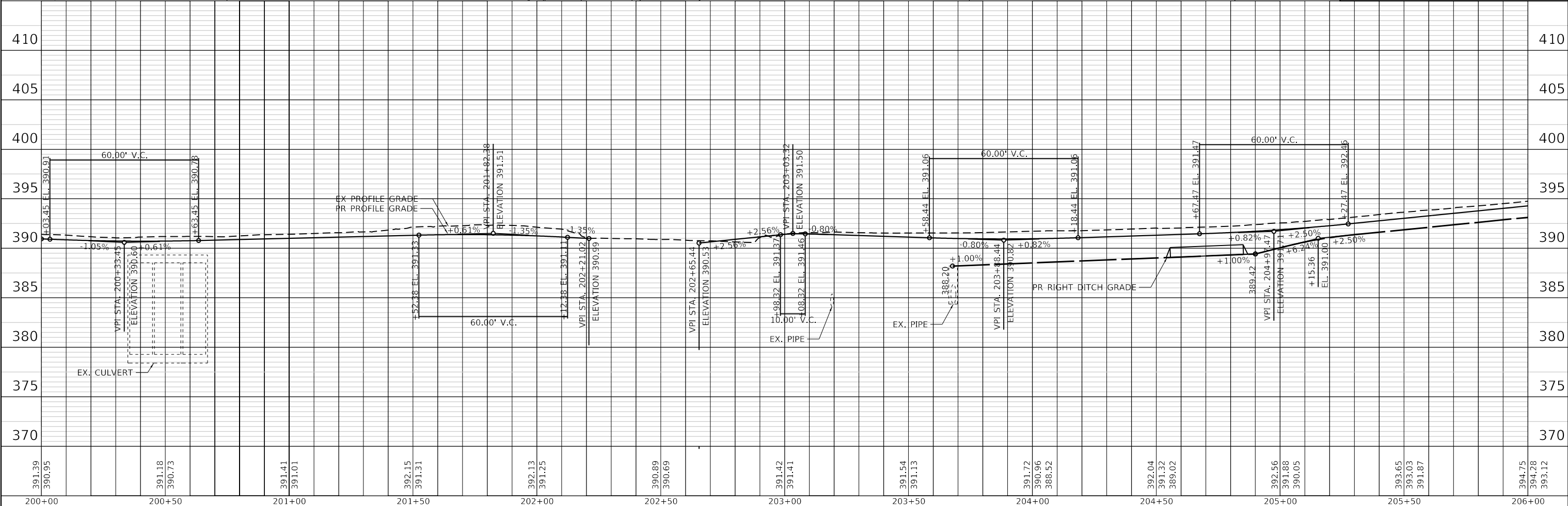
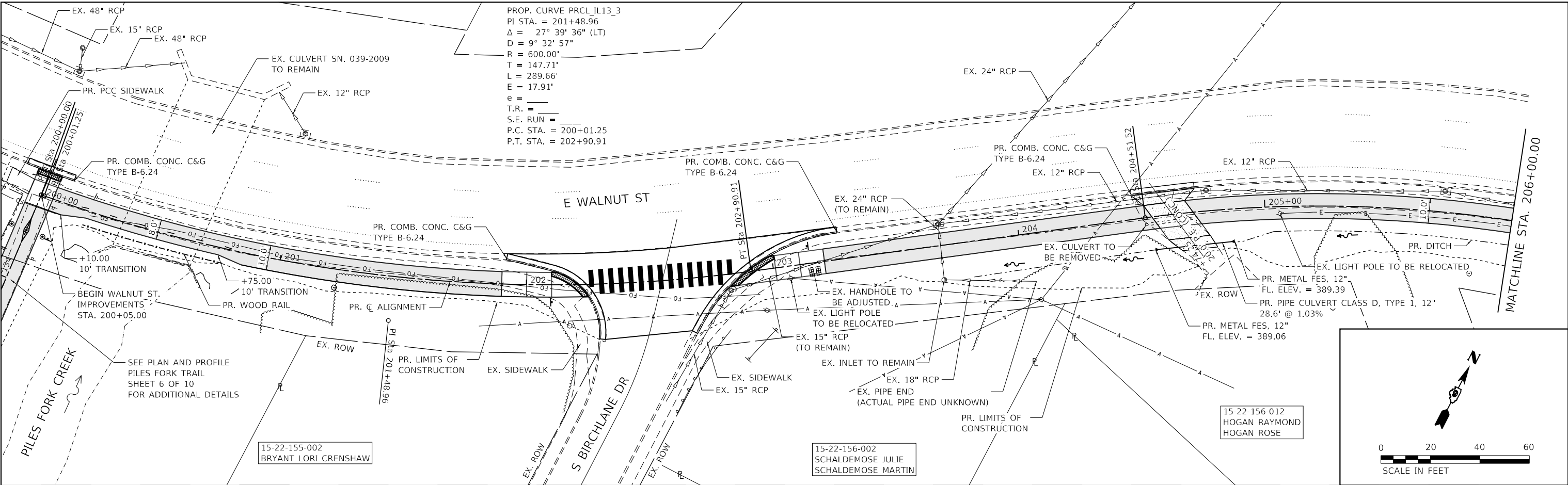


 TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = Inguyen	DESIGNED -	REVISED -	 CARBONDALE All Ways Open	CITY OF CARBONDALE	PLAN AND PROFILE PILES FORK GREENWAY				F.A.P. RTE. 331	SECTION 22-00151-00-BT	COUNTY JACKSON	TOTAL SHEETS 79	SHEET NO. 15
	PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -							CONTRACT NO. 99763				
	PLOT DATE = 10/14/2025	CHECKED -	REVISED -											
	DATE -	REVISED -												
SCALE: 1"=20'						SHEET 6	OF 10 SHEETS	STA. 130+00.00	TO STA. 134+47.95					
						ILLINOIS FED. AID PROJECT								

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

PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK		
NO.		
STRUCTURE NOTATIONS CHNG		

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391.39 390.95	391.18 390.73	391.41 391.01	392.15 391.31	392.13 391.25	390.89 390.69	391.42 391.41	391.54 391.13	391.72 390.96 388.52	392.04 391.32 389.02	392.56 391.88 390.05	393.65 393.03 391.87	394.75 394.28 393.12
200+00	200+50	201+00	201+50	202+00	202+50	203+00	203+50	204+00	204+50	205+00	205+50	206+00

TWM, INC.
www.twm-inc.com
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = Inguyen

DESIGNED -

DRAWN -

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

CITY OF CARBONDALE

SCALE: 1" = 20'

SHEET 7 OF 10 SHEETS

STA. 200+00.00 TO STA. 206+00.00

F.A.P. RTE. 331

SECTION 22-00151-00-BT

COUNTY JACKSON

TOTAL SHEETS 79

SHEET NO. 16

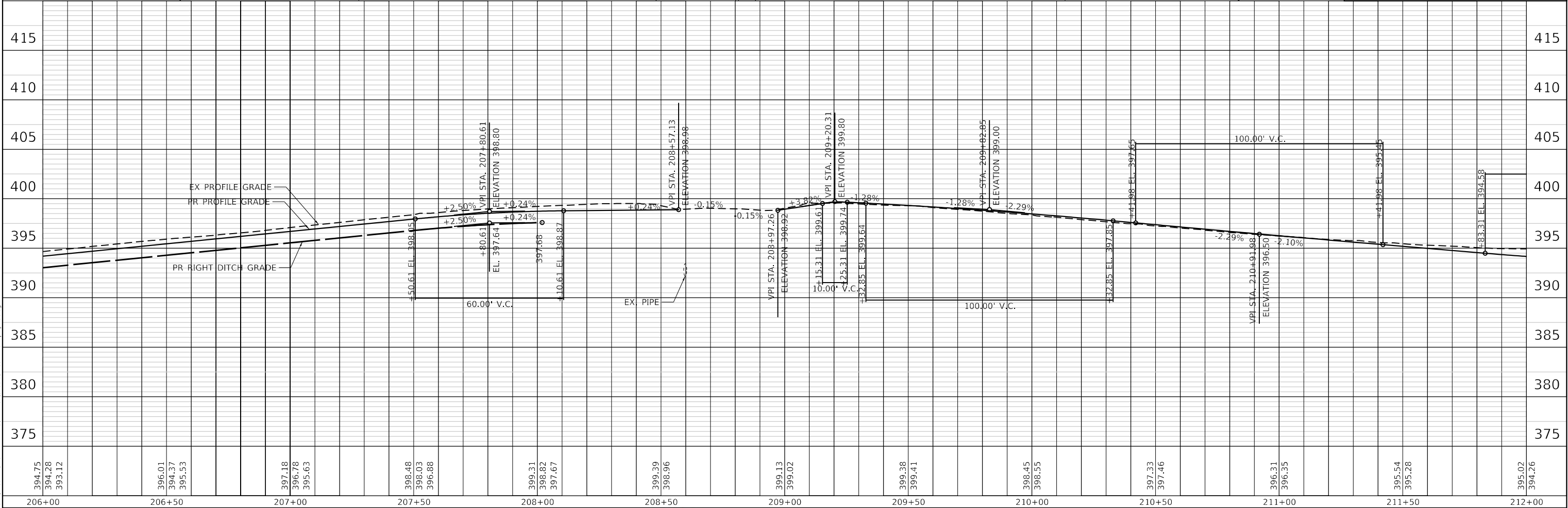
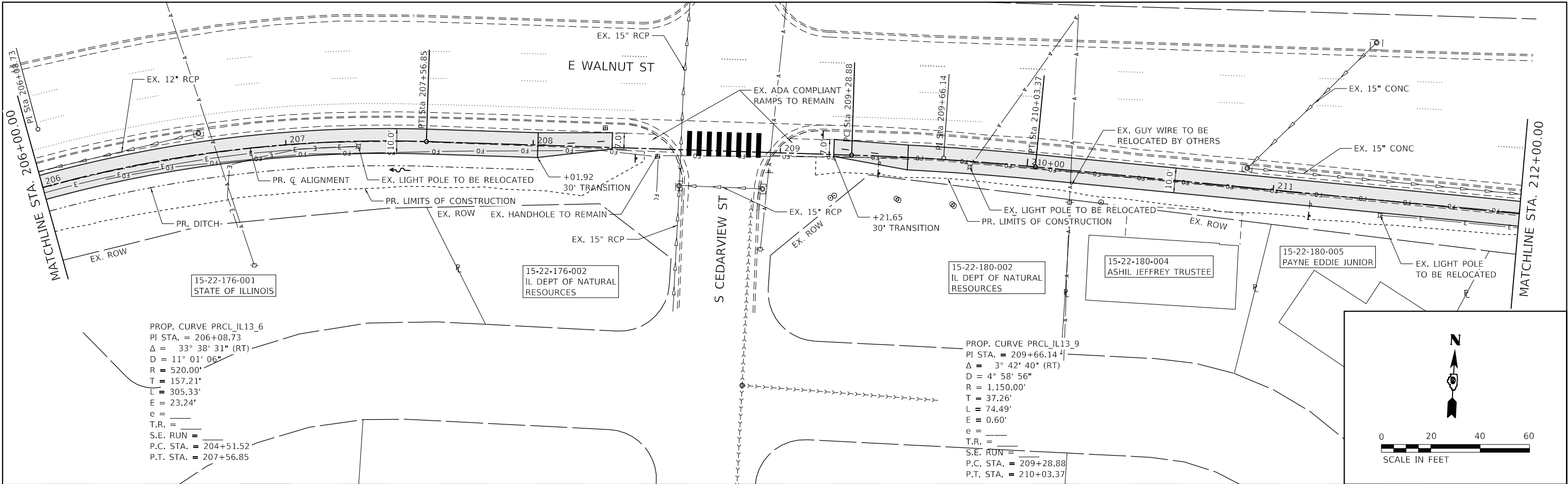
CONTRACT NO. 99763

ILLINOIS FED. AID PROJECT

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

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

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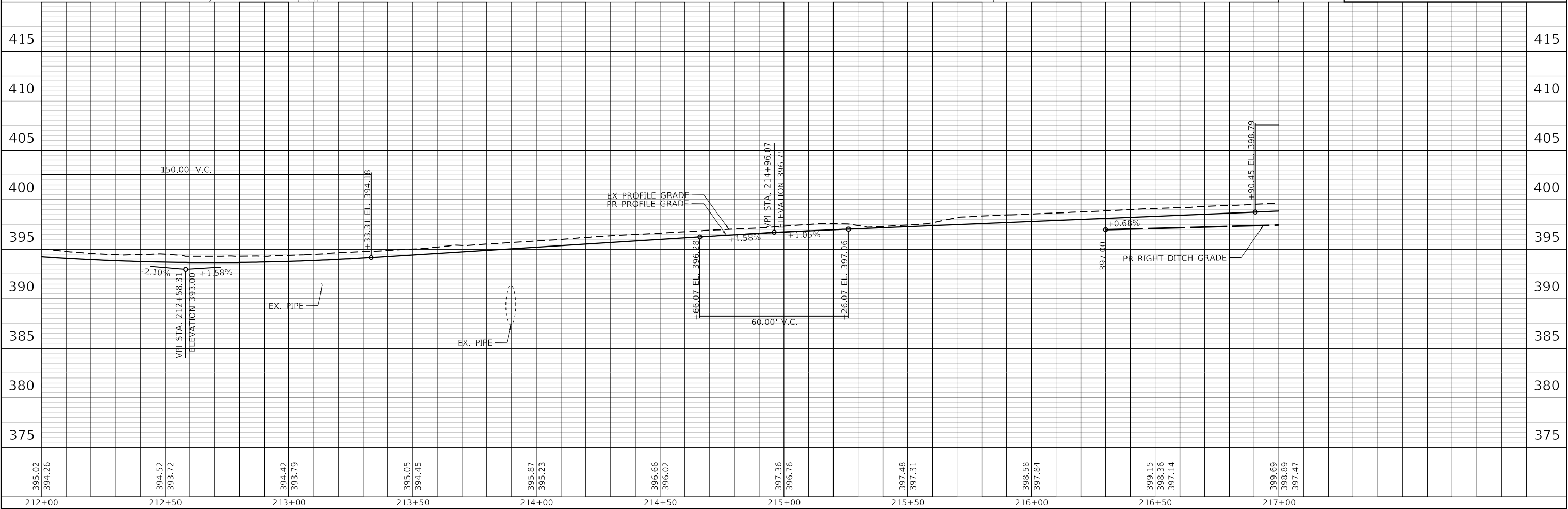
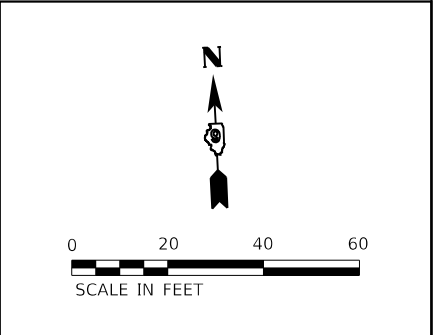
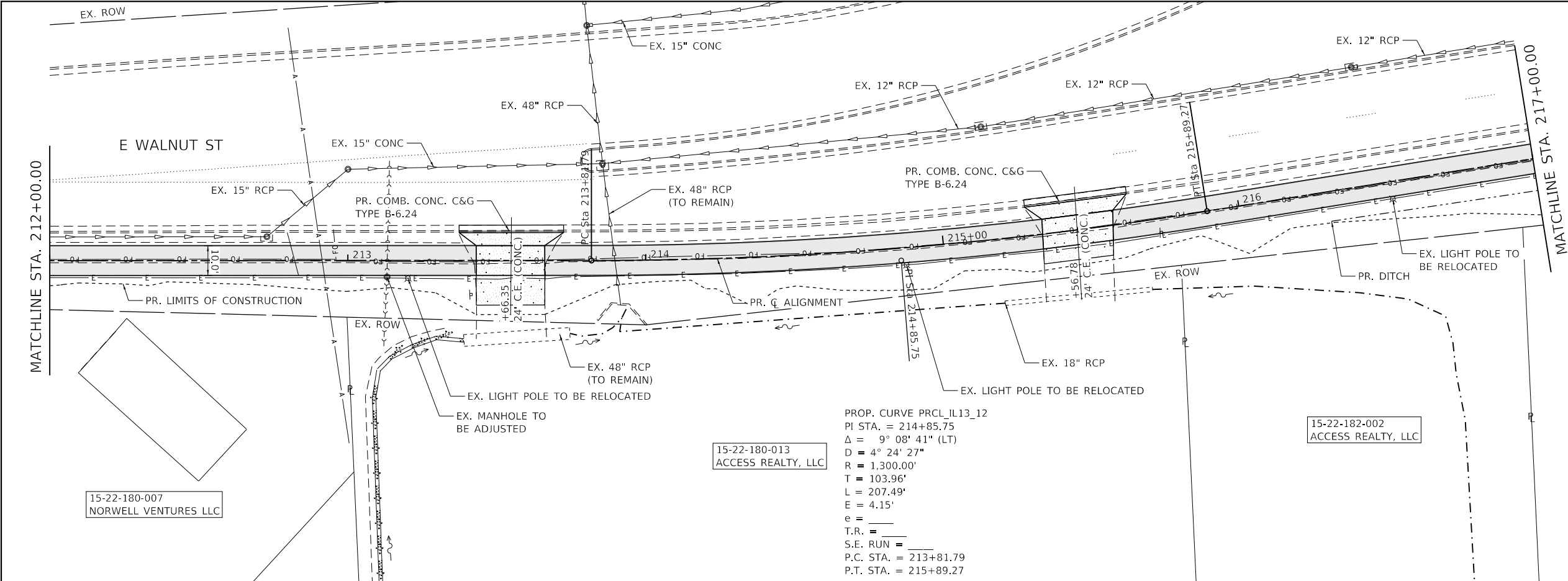


TWM ENGINEERING GEOSPATIAL SERVICES TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME	= Inguyen	DESIGNED	-	REVISED	-	CARBONDALE All Ways Open CITY OF CARBONDALE	PLAN AND PROFILE PILES FORK GREENWAY				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE	= 40,0000 ' / in.	DRAWN	-	REVISED	-						331	22-00151-00-BT	JACKSON	79	17
	PLOT DATE	= 10/14/2025	CHECKED	-	REVISED	-		CONTRACT NO. 99763								
			DATE	-	REVISED	-		SCALE: 1"=20'	SHEET 8	OF 10	SHEETS	STA. 206+00.00	TO STA. 212+00.00	ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	DATE
NO.	BY	
NOTE BOOK		
NO.		
NO.		
NO.		

PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK		
NO.		
NO.		
NO.		

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212+00	212+50	213+00	213+50	214+00	214+50	215+00	215+50	216+00	216+50	217+00													

	USER NAME =	Inguyen	DESIGNED -	REVISED -
			DRAWN -	REVISED -
			CHECKED -	REVISED -
			DATE -	REVISED -

	CITY OF CARBONDALE	
	SCALE: 1"=20'	

PLAN AND PROFILE PILES FORK GREENWAY	
SCALE: 1"=20'	SHEET 9 OF 10 SHEETS
STA. 212+00.00 TO STA. 217+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	18
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				

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

15-21-428-009
DON A BRYANT TRUST

15-22-302-005
BRYANT SHIRLEY S

15-22-302-006
VICTORY CHRISTIAN CTR OF S I

15-22-302-007
VICTORY CHRISTIAN CENTER

15-22-302-008
VICTORY CHRISTIAN CENTER

15-22-302-020
VICTORY CHRISTIAN CENTER

E MILL ST

ADA RAMP TO BE IMPROVED UNDER SECTION #23-00160-00-RS

BEGIN IMPROVEMENTS STA. 300+08.82

POT Sta 300+00.00

EX. LIGHT POLE TO BE RELOCATED

EX. EOP

PR. LIMITS OF CONSTRUCTION

PR. METAL FES, 15" FL. ELEV. = 391.21

PILES FORK CREEK TRIBUTARY

PR. PIPE CULVERT CLASS D, TYPE 1, 15" 15.4' @ 1.50%

PR. METAL FES, 15" FL. ELEV. = 391.50

PR. LIMITS OF CONSTRUCTION

EX. LIGHT POLE TO BE RELOCATED

PR. PIPE CULVERT CLASS D, TYPE 1, 12" 30.3' @ 1.00%

PR. INLETS, TYPE A, TYPE 8 GRATE STA. 303+52.88 OFF. 7.16' RT TOS. = 392.48 INV. (N) = 390.15

STA. 303+78.44 CL WALL ST. CONNECTOR TRAIL = STA. 113+60.27 CL PILES FORK GREENWAY (ALONG CREEK)

PILES FORK CREEK

SEE PLAN AND PROFILE PILES FORK GREENWAY SHEET 3 OF 10 FOR ADDITIONAL DETAILS

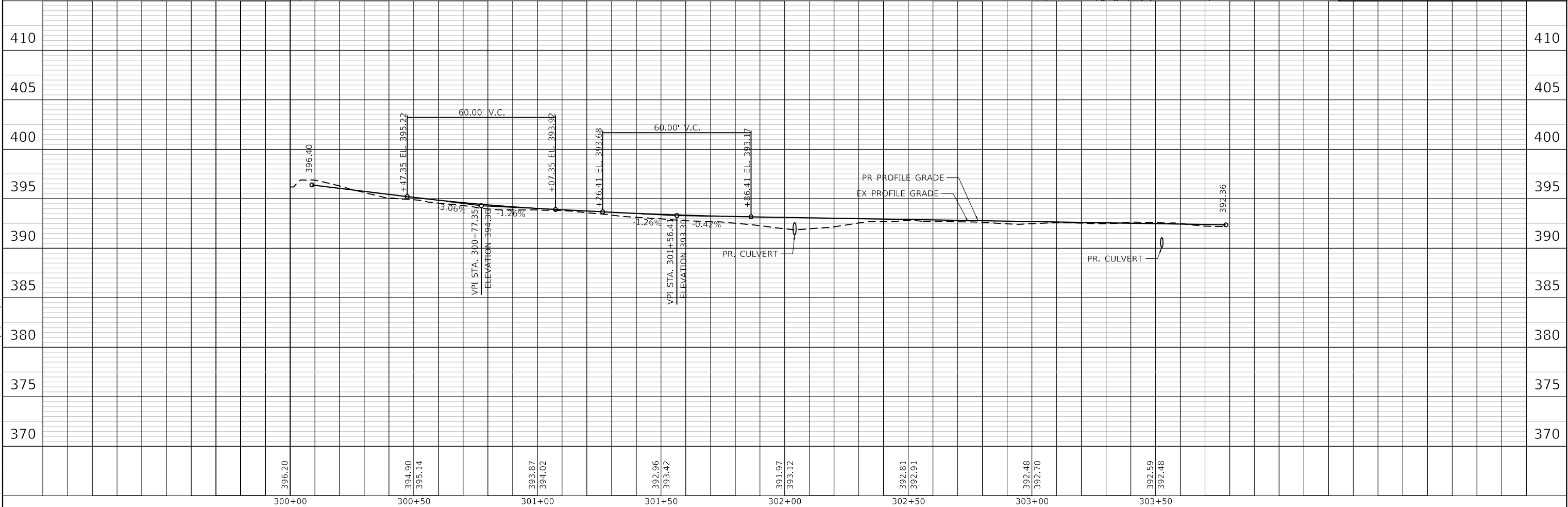
15-21-430-007
BRYANT DON A

15-22-303-003
AMER CAMPUS COMM OP PART LP

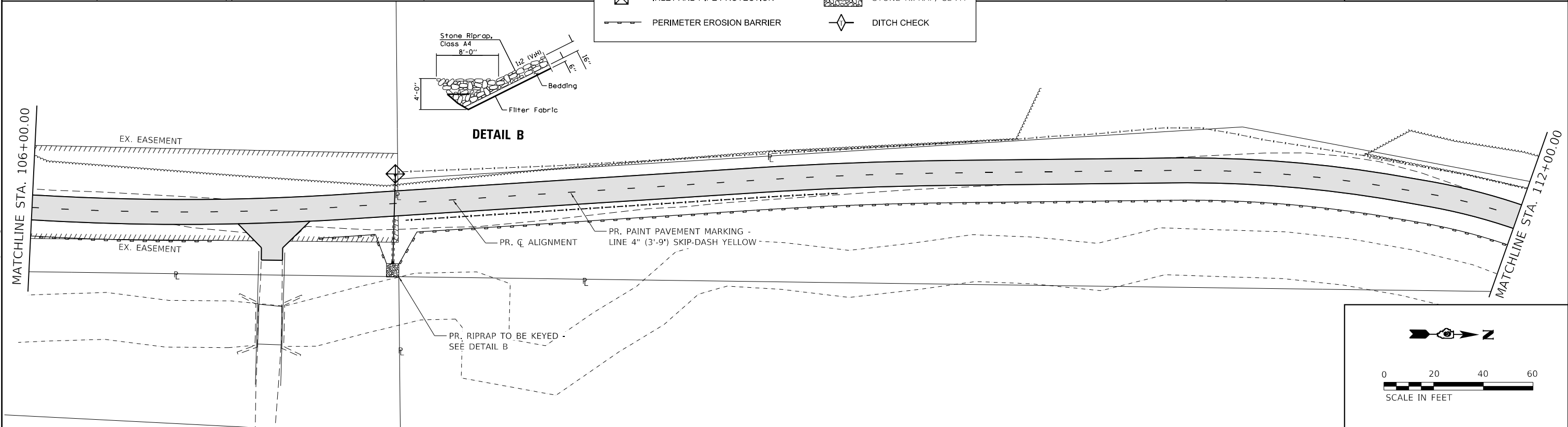
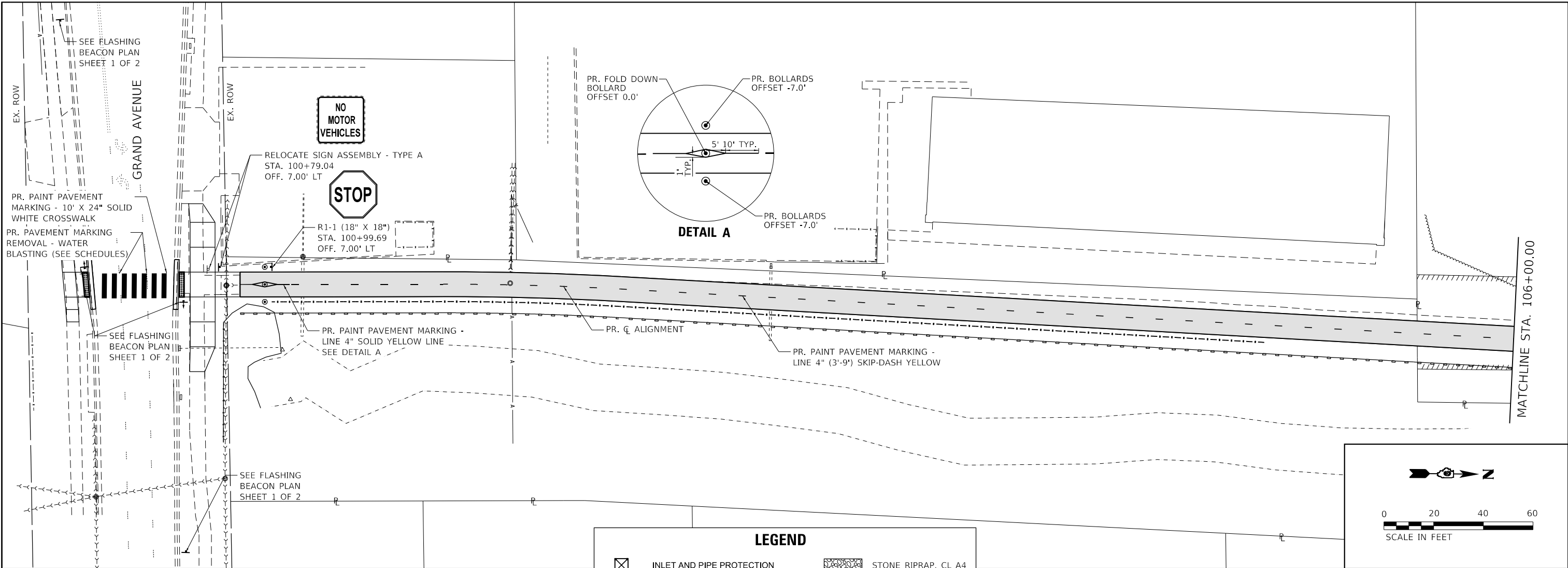
PROP. CURVE PRCL_CONNECT_3
PI STA. = 301+66.62
 Δ = 3° 32' 46" (RT)
D = 2° 51' 53"
R = 2,000.00'
T = 61.91'
L = 123.78'
E = 0.96'
e =
T.R. =
S.E. RUN =
P.C. STA. = 301+04.70
P.T. STA. = 302+28.49

PROP. CURVE PRCL_CONNECT_6
PI STA. = 303+38.08
 Δ = 15° 35' 06" (RT)
D = 38° 11' 50"
R = 150.00'
T = 20.53'
L = 40.80'
E = 1.40'
e =
T.R. =
S.E. RUN =
P.C. STA. = 303+17.55
P.T. STA. = 303+58.36

0 20 40 60
SCALE IN FEET

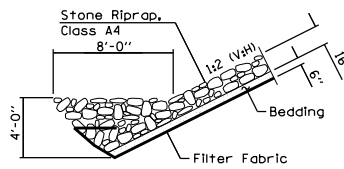


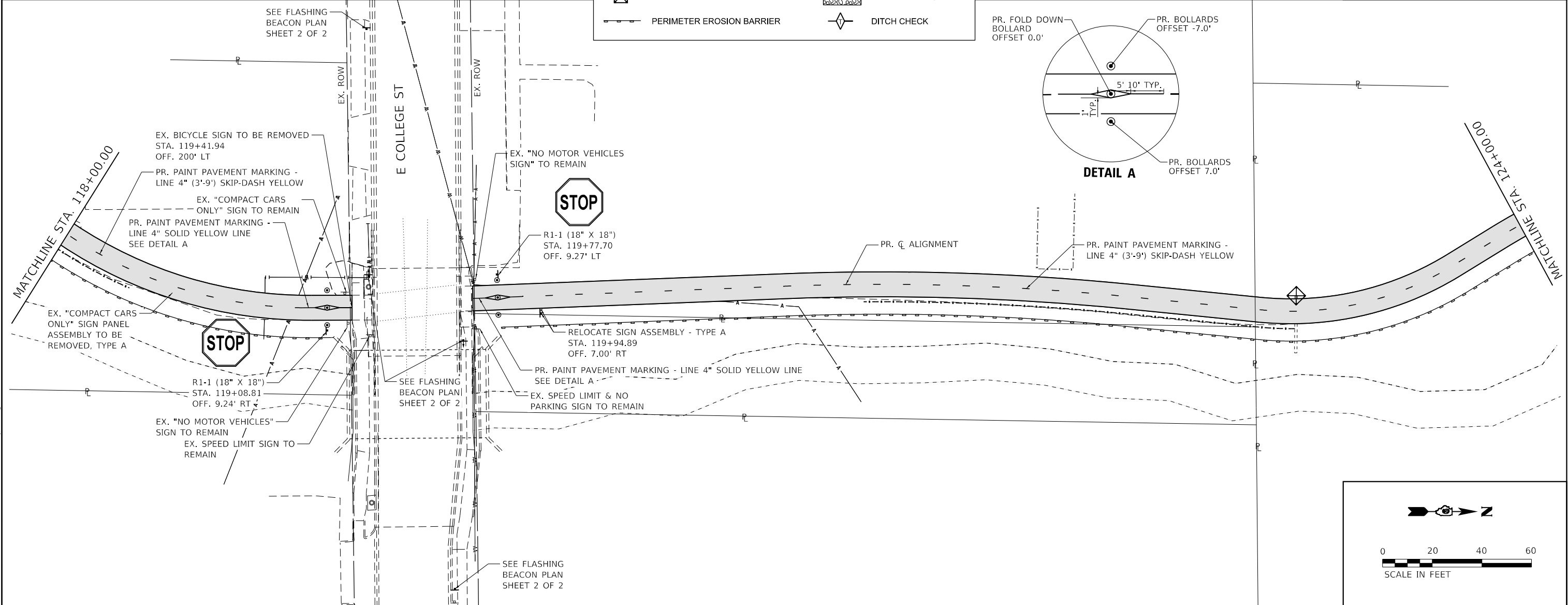
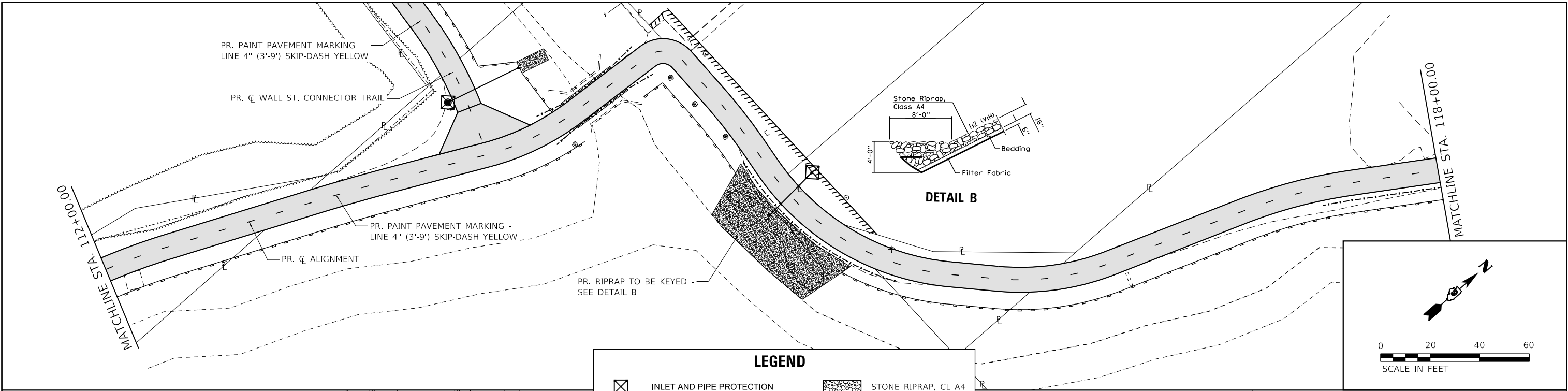
 TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = Inguyen	DESIGNED -	REVISED -		CITY OF CARBONDALE	PLAN AND PROFILE WALL ST. CONNECTOR TRAIL					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,000' / in.	DRAWN -	REVISED -								331	22-00151-00-BT	JACKSON	79	20
	PLOT DATE = 10/14/2025	CHECKED -	REVISED -			CONTRACT NO. 99763									
	DATE -	REVISED -	SCALE: 1"=20'			SHEET 1	OF 1	SHEETS	STA. 300+08.82	TO STA. 303+73.41	ILLINOIS	FED. AID PROJECT			

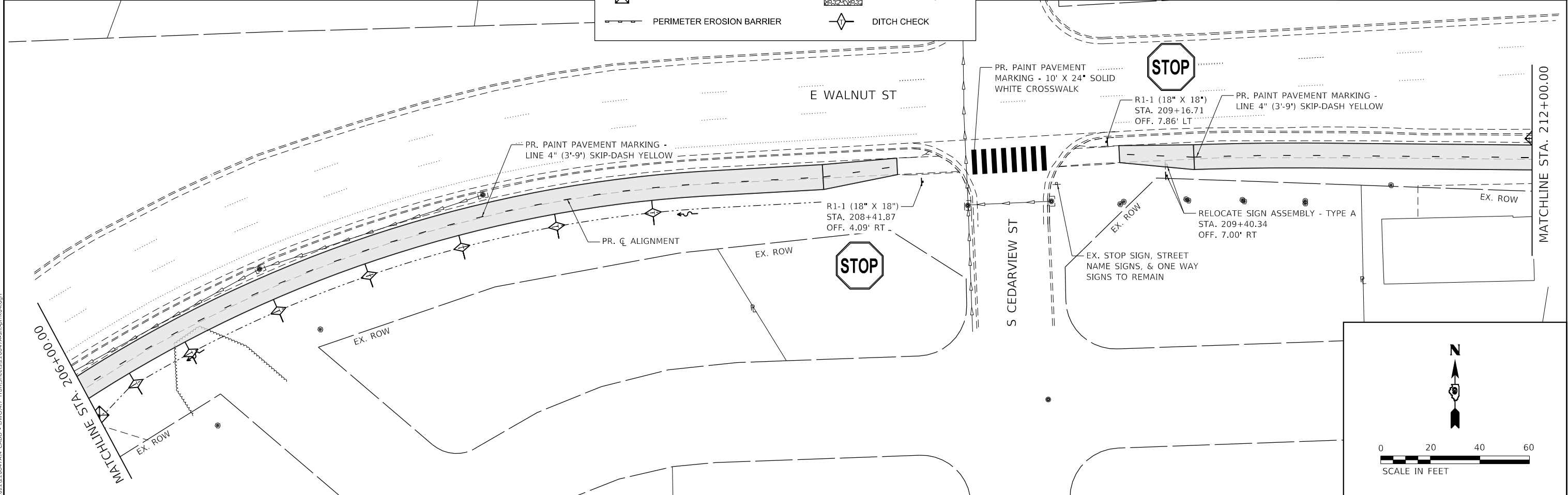
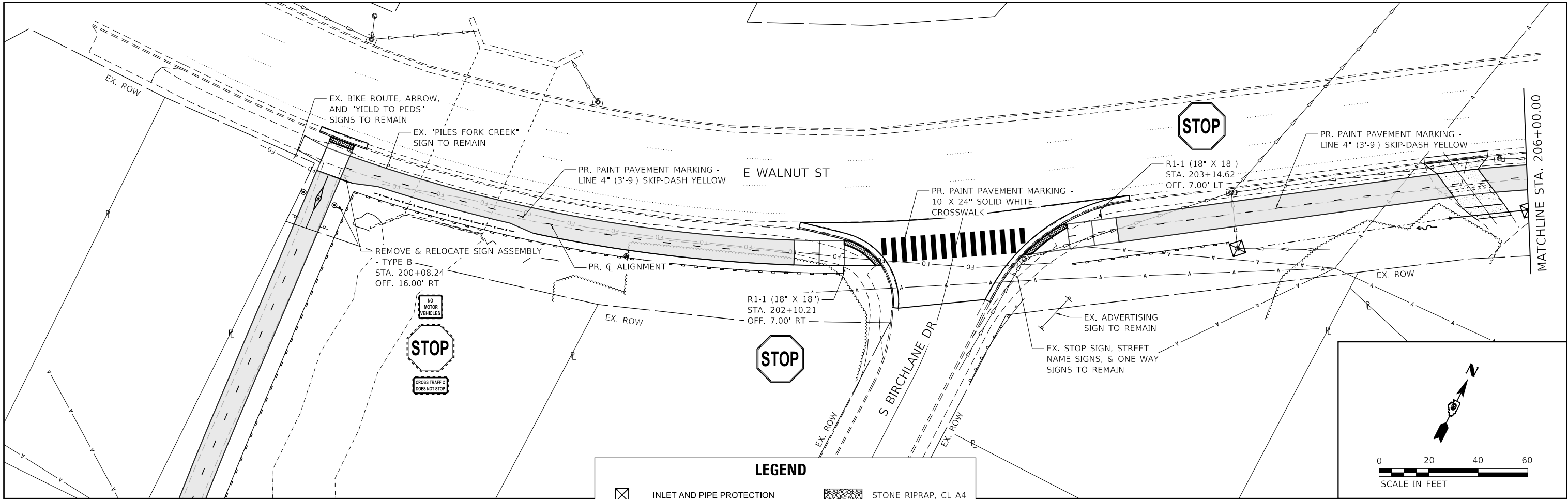


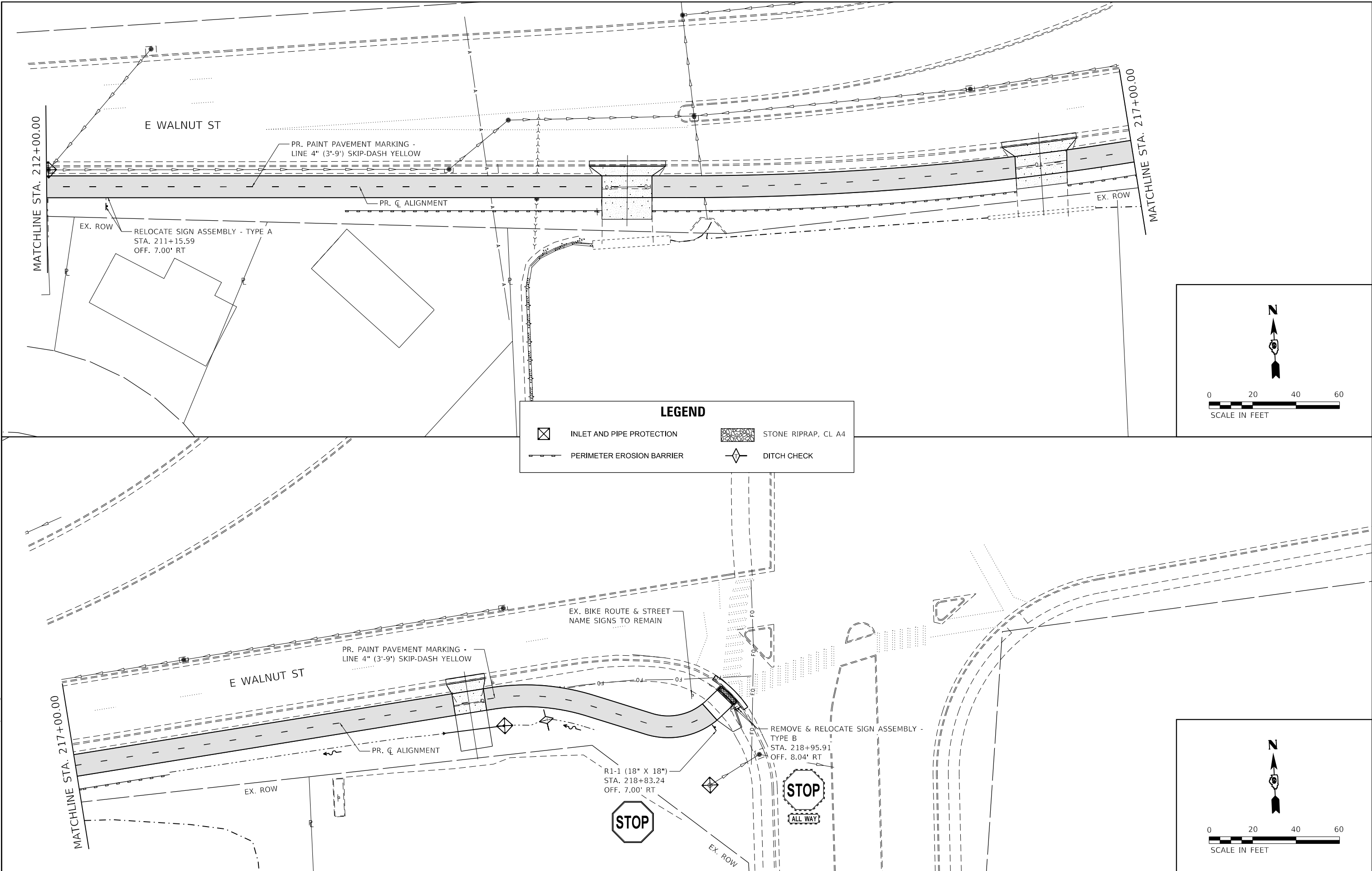
LEGEND

	INLET AND PIPE PROTECTION		STONE RIPRAP, CL. A4
	PERIMETER EROSION BARRIER		DITCH CHECK

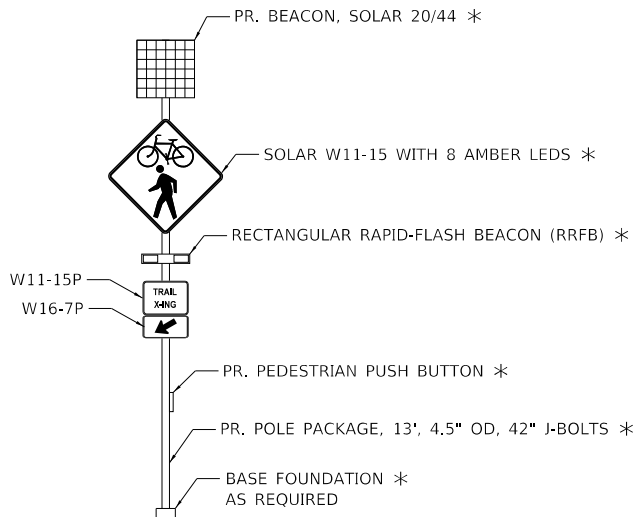
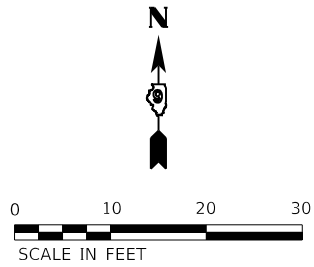








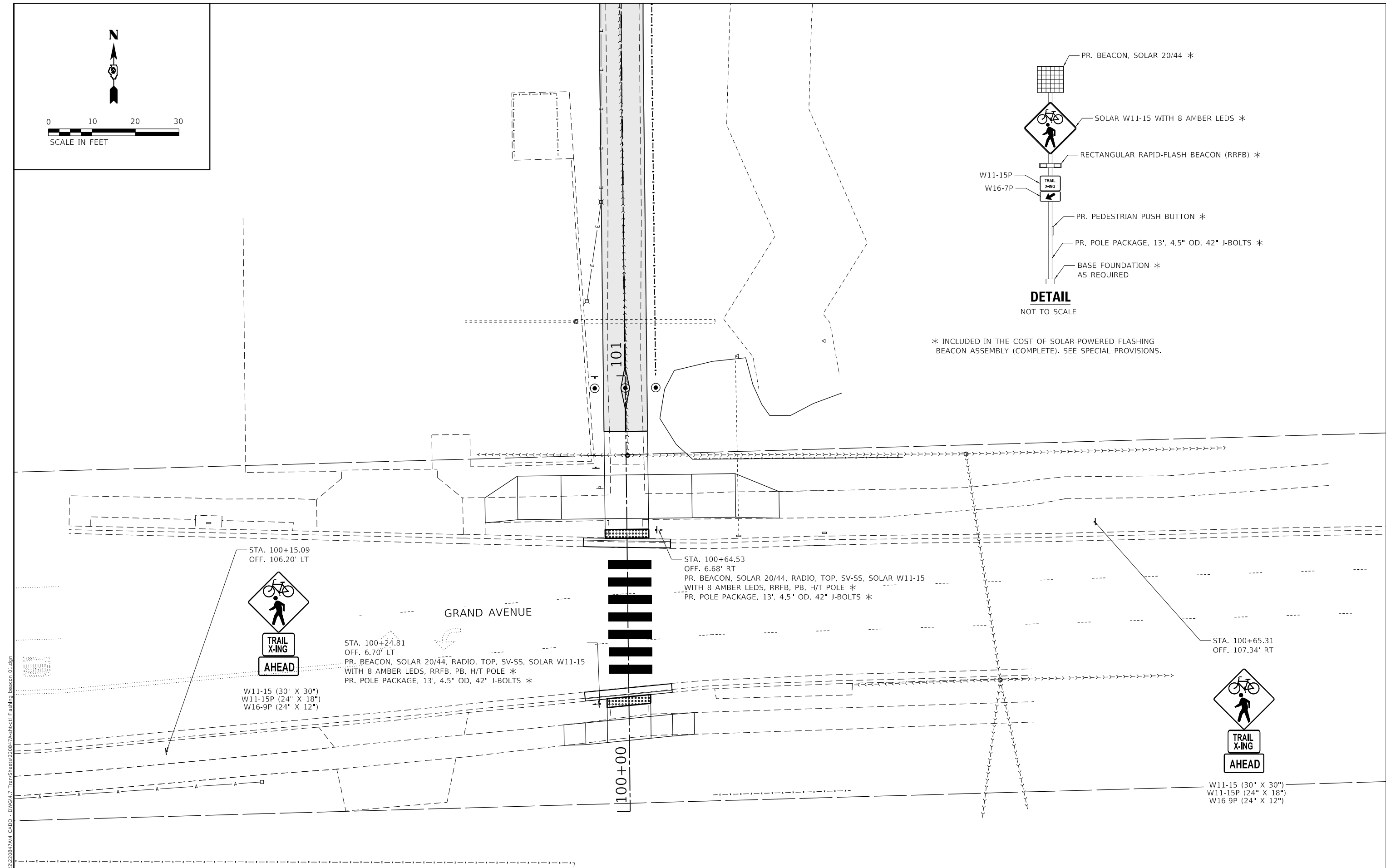




DETAIL

NOT TO SCALE

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



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Drawing Beacon 01.dgn



TWM, INC.
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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= Inguyen	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 20,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 10/14/2025	DATE	-	REVISED	-

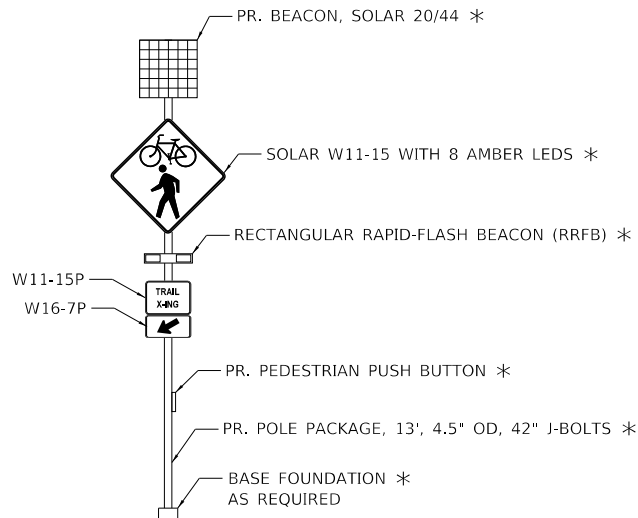


CITY OF CARBONDALE

FLASHING BEACON PLAN

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

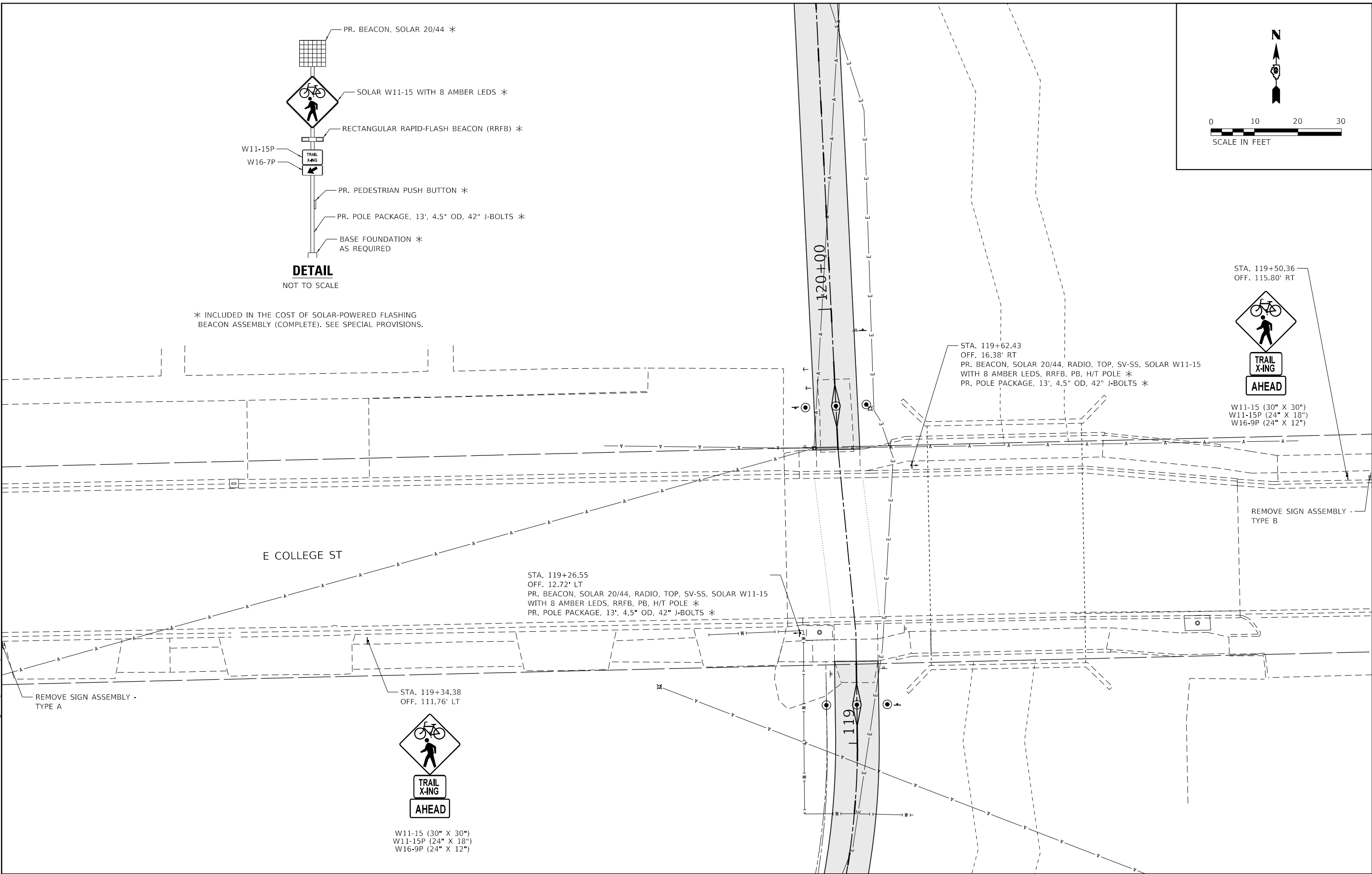
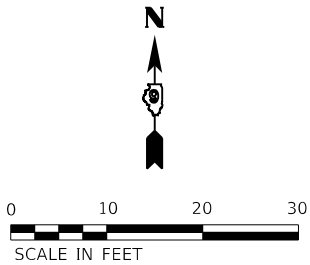
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	27
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				



DETAIL

NOT TO SCALE

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



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TWM, INC.
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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME	= Inguyen
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 10/14/2025

DESIGNED	-
REVIS	-
REVIS	-
REVIS	-
REVIS	-

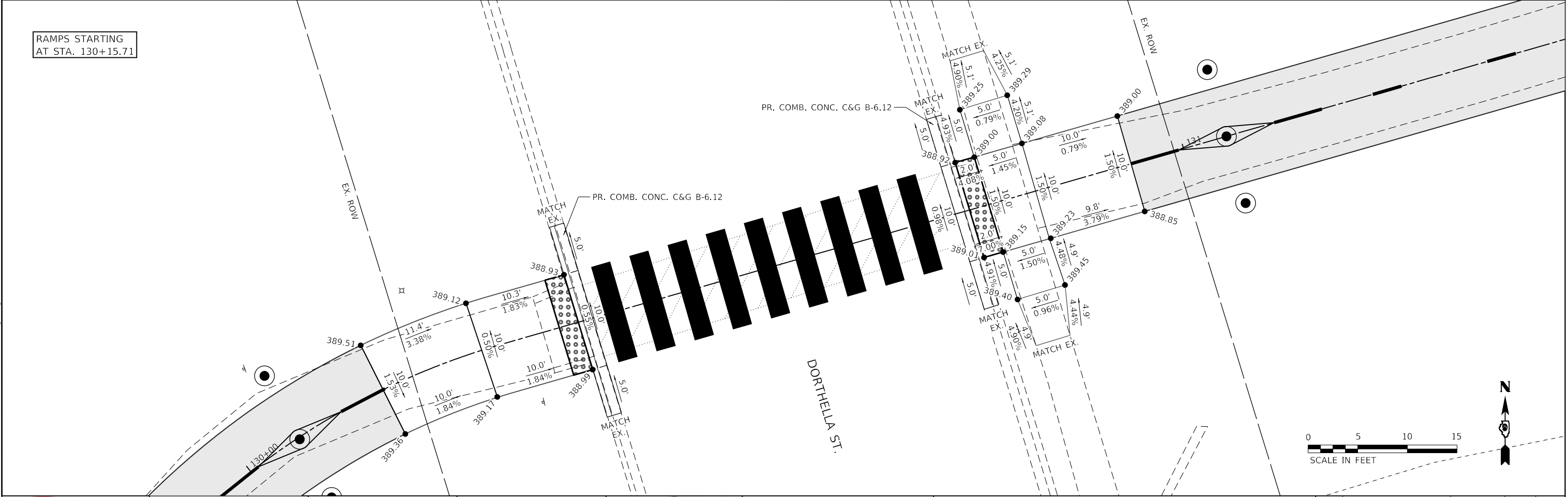
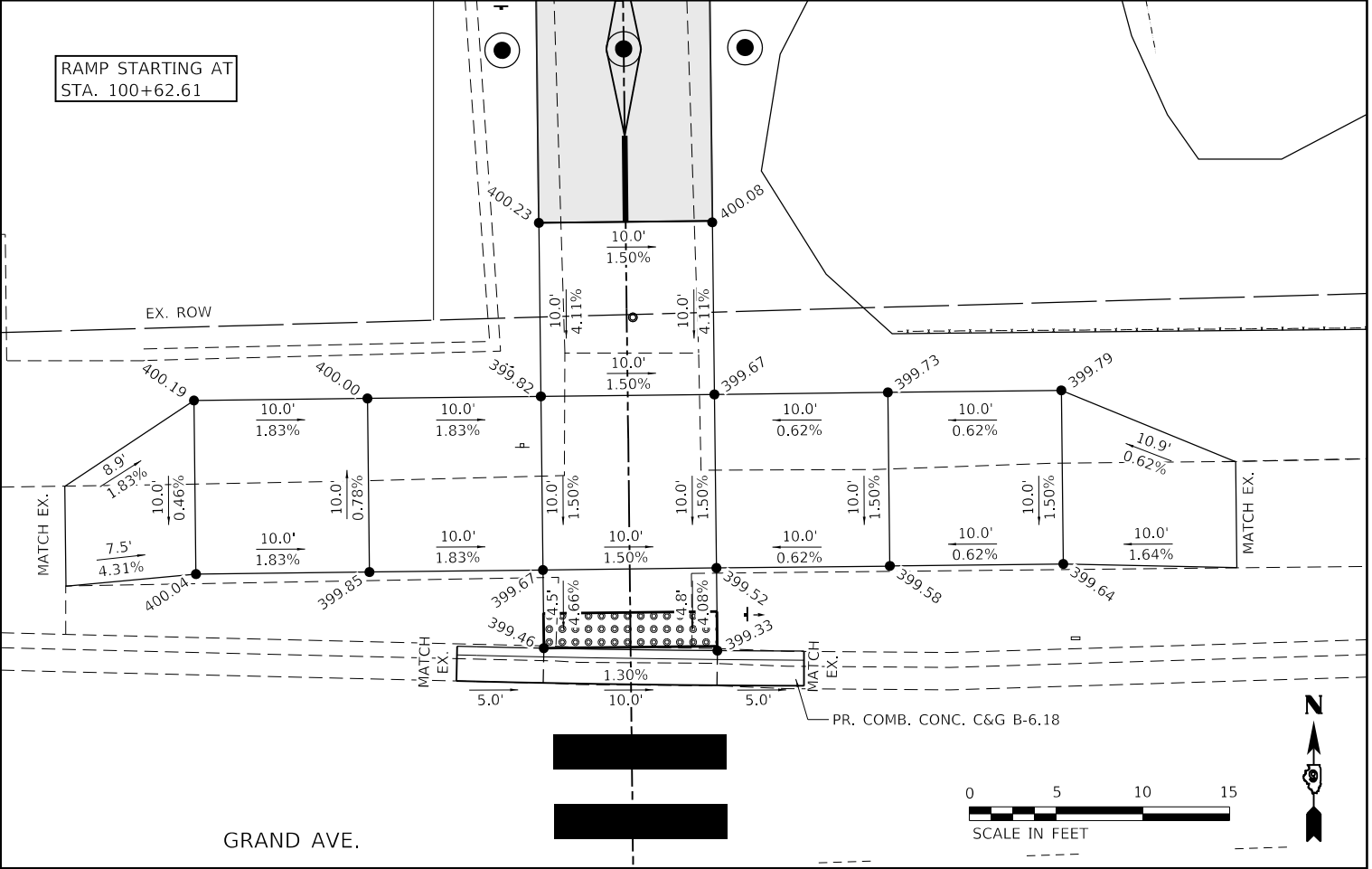
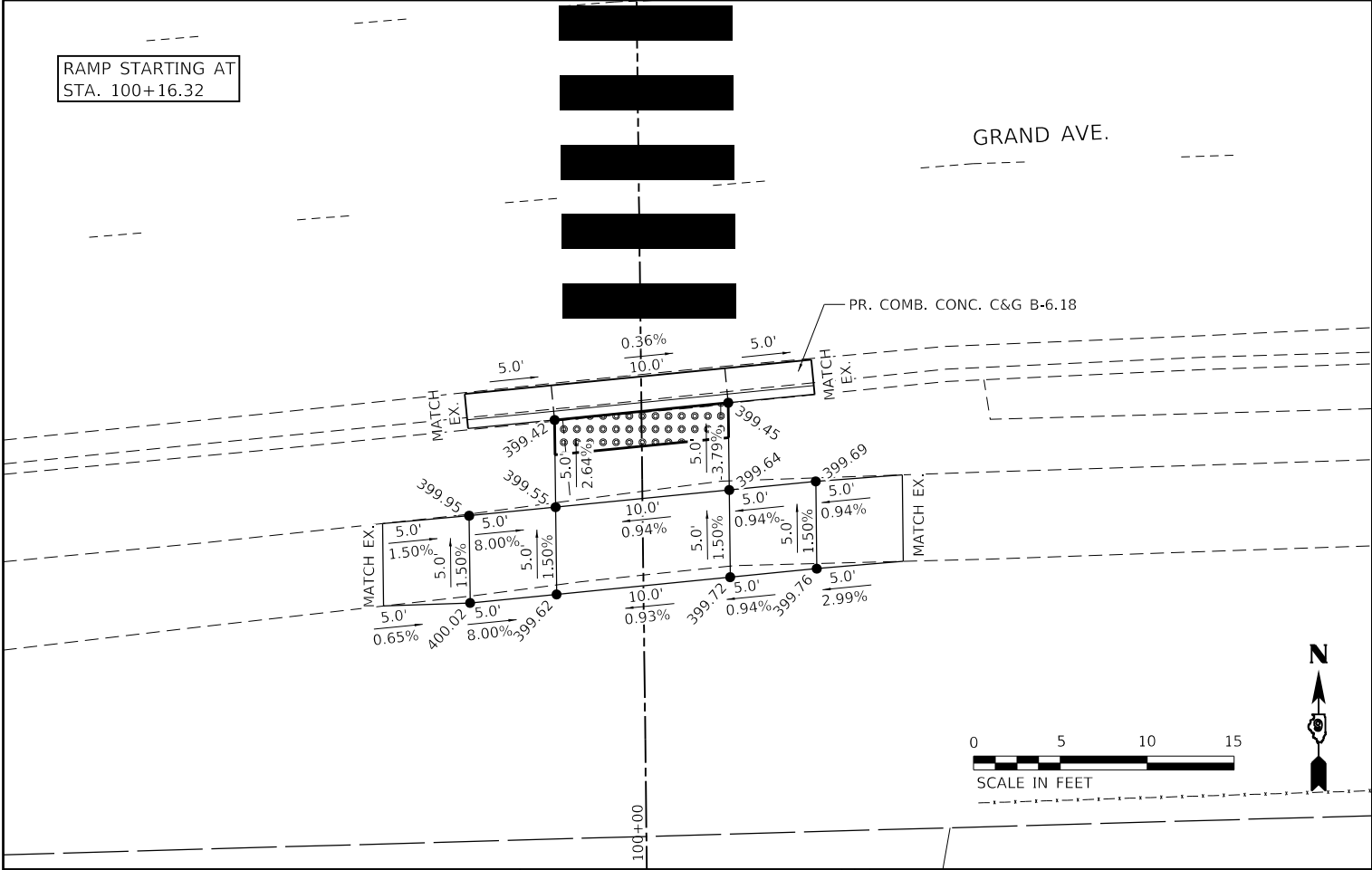


CITY OF CARBONDALE

FLASHING BEACON PLAN

SCALE: 1"=10' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	28
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				



TWM
ENGINEERING
GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME =	Nguyen
DESIGNED -	
DRAWN -	
CHECKED -	
DATE -	
PLOT SCALE =	10.0000 ' / in.
PLOT DATE =	10/14/2025

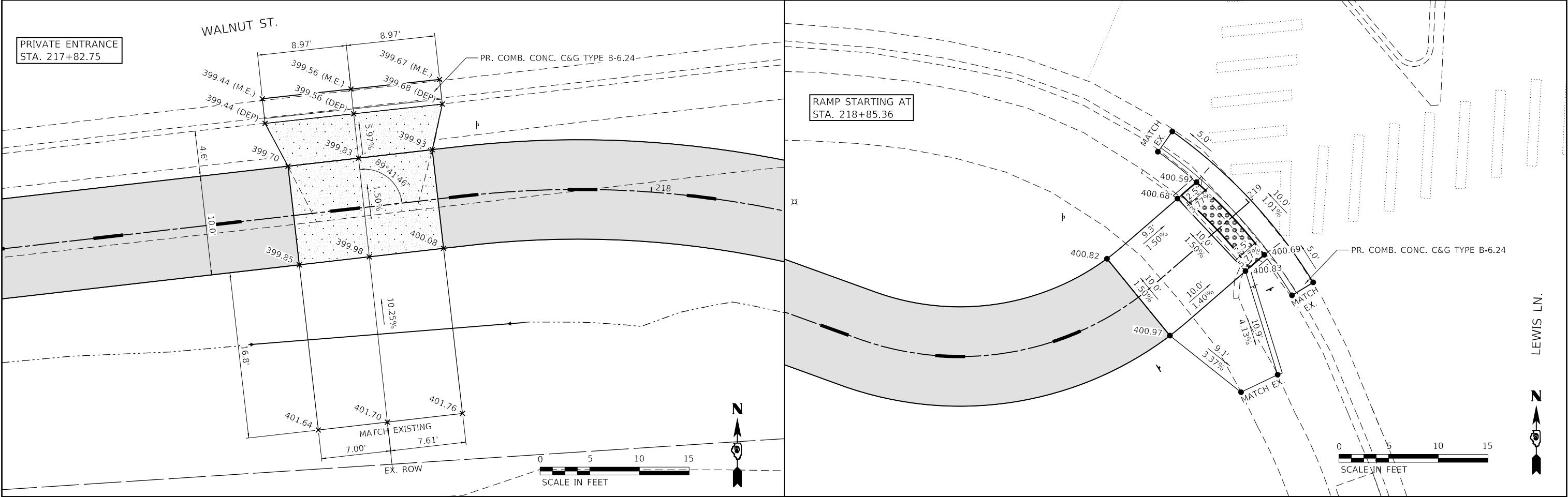
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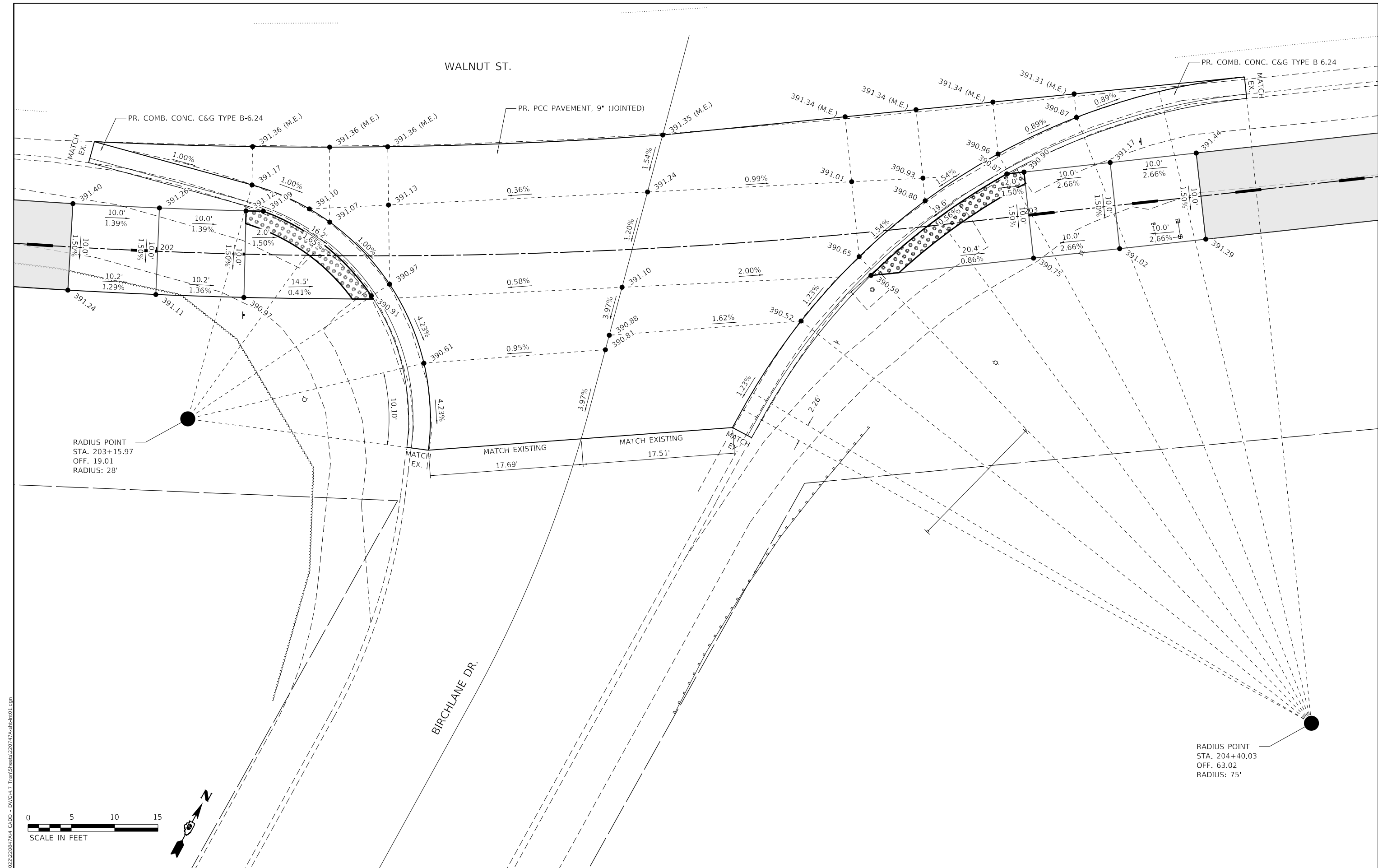


CITY OF CARBONDALE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	29
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				

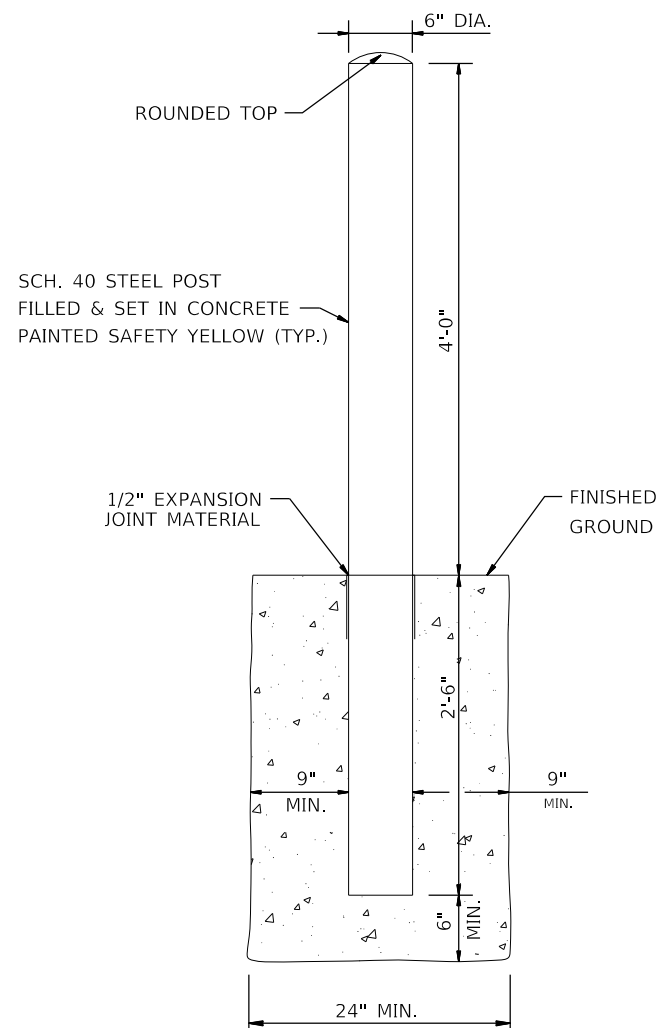




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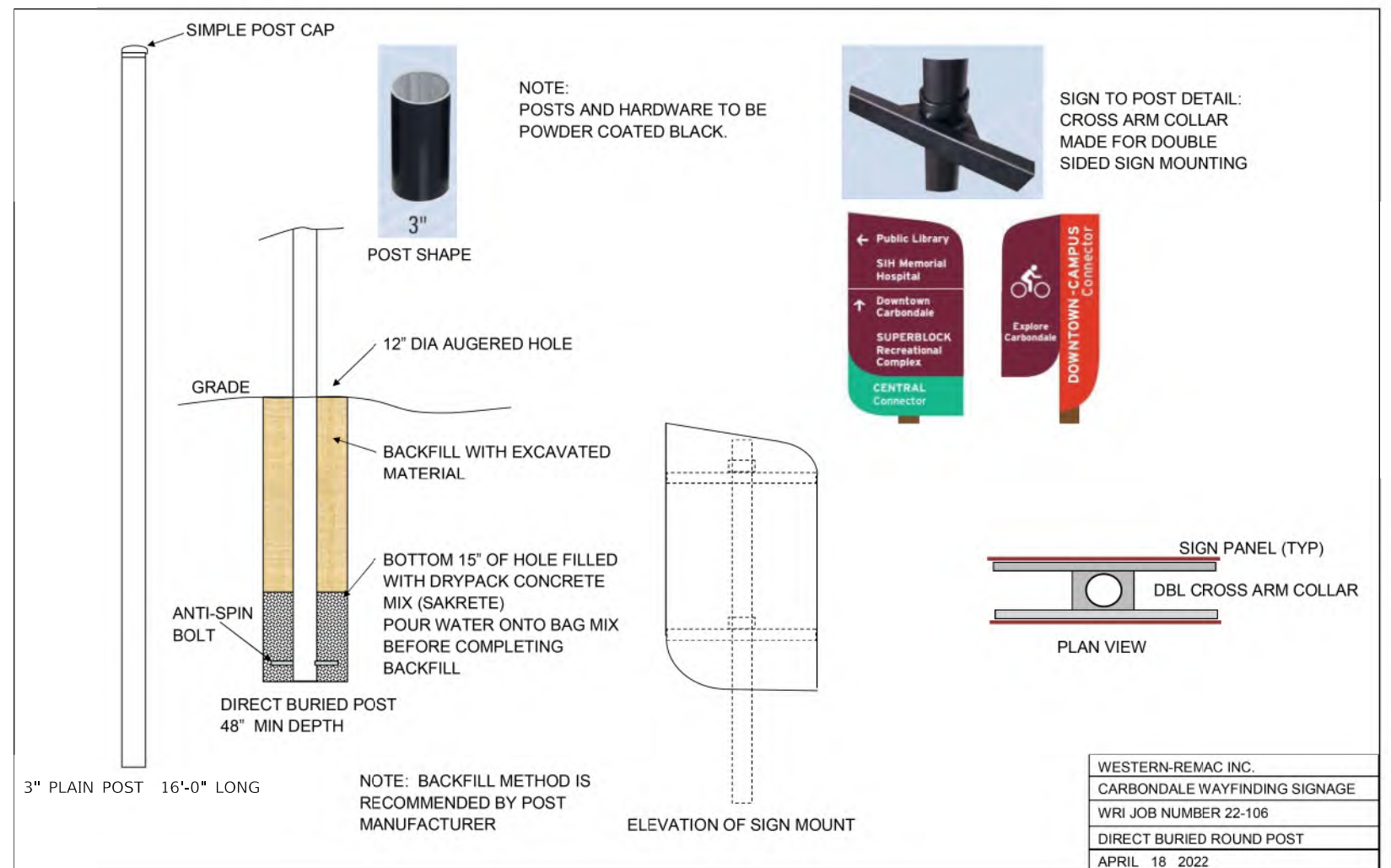
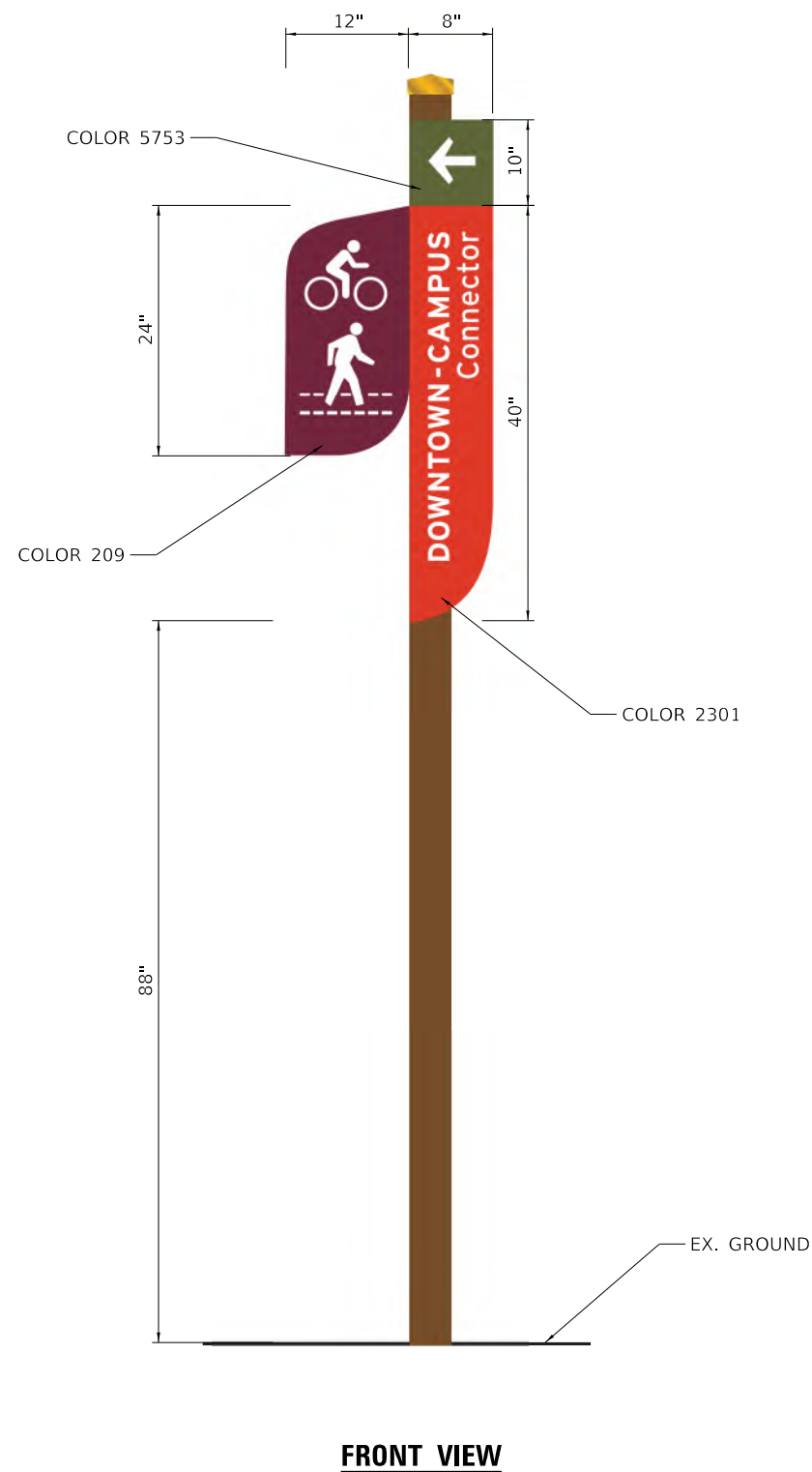
 TWM, INC. www.twm-inc.com IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = Inguyen	DESIGNED -	REVISED -		CITY OF CARBONDALE	INTERSECTION DETAILS BIRCHLANE DRIVE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10,0000 ' / in.	CHECKED -	REVISED -							331	22-00151-00-BT	JACKSON	79	32
	PLOT DATE = 10/14/2025	DATE -	REVISED -			CONTRACT NO. 99763								
	SCALE: 1"=5'					SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



NOTES:

SEE SPECIAL PROVISIONS FOR FOLD DOWN BOLLARD REQUIREMENTS.

BOLLARDS SHALL BE PLACED TO ALLOW A MINIMUM PASSABLE WIDTH OF 76" BETWEEN THE CONCRETE FILLED BOLLARDS AND THE FOLD DOWN BOLLARD.



POST DETAILS

Primary Typeface

Interstate Bold

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

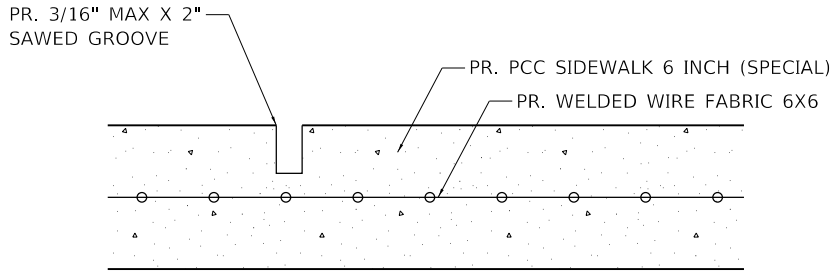
Symbols, Glyphs & Arrows

Representing typical parks and recreation symbols

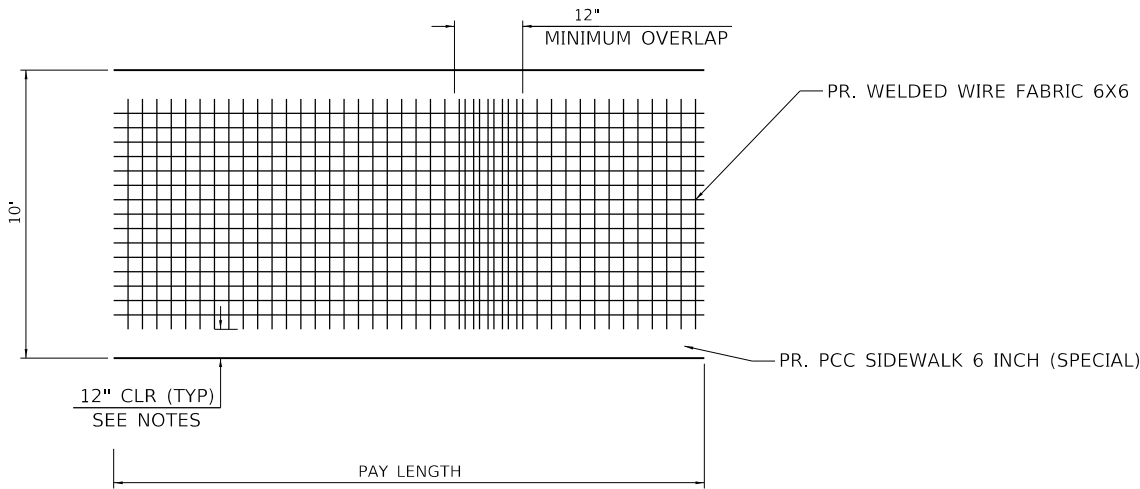


Project Colors

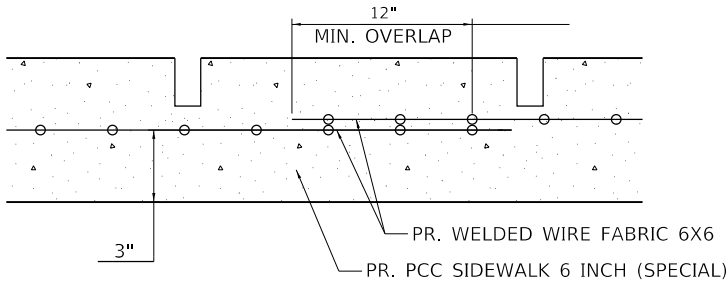




TRANSVERSE CONTRACTION JOINT DETAIL
N.T.S.



PLAN VIEW



ELEVATION VIEW
WELDED WIRE FABRIC DETAIL
N.T.S.

- NOTES:**
1. THE CLEARANCE FOR ALL OTHER SIDEWALK WIDTHS SHALL BE 6 INCHES.
 2. THE WELDED WIRE FABRIC SHALL BE CUT TO FIT AROUND ITEMS CAST INTO THE SIDEWALK. THE CLEARANCE SHALL BE 6 INCHES.

MODEL Default
FILE NAME: 10/2023/220847A4 CADD - DWG/4.7 TranSheets/220847A-shs-nle05-sldewalk-spec.dgn



TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= Inguyen
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 40,0000 ' / in.
PLOT DATE	= 10/14/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-



CITY OF CARBONDALE

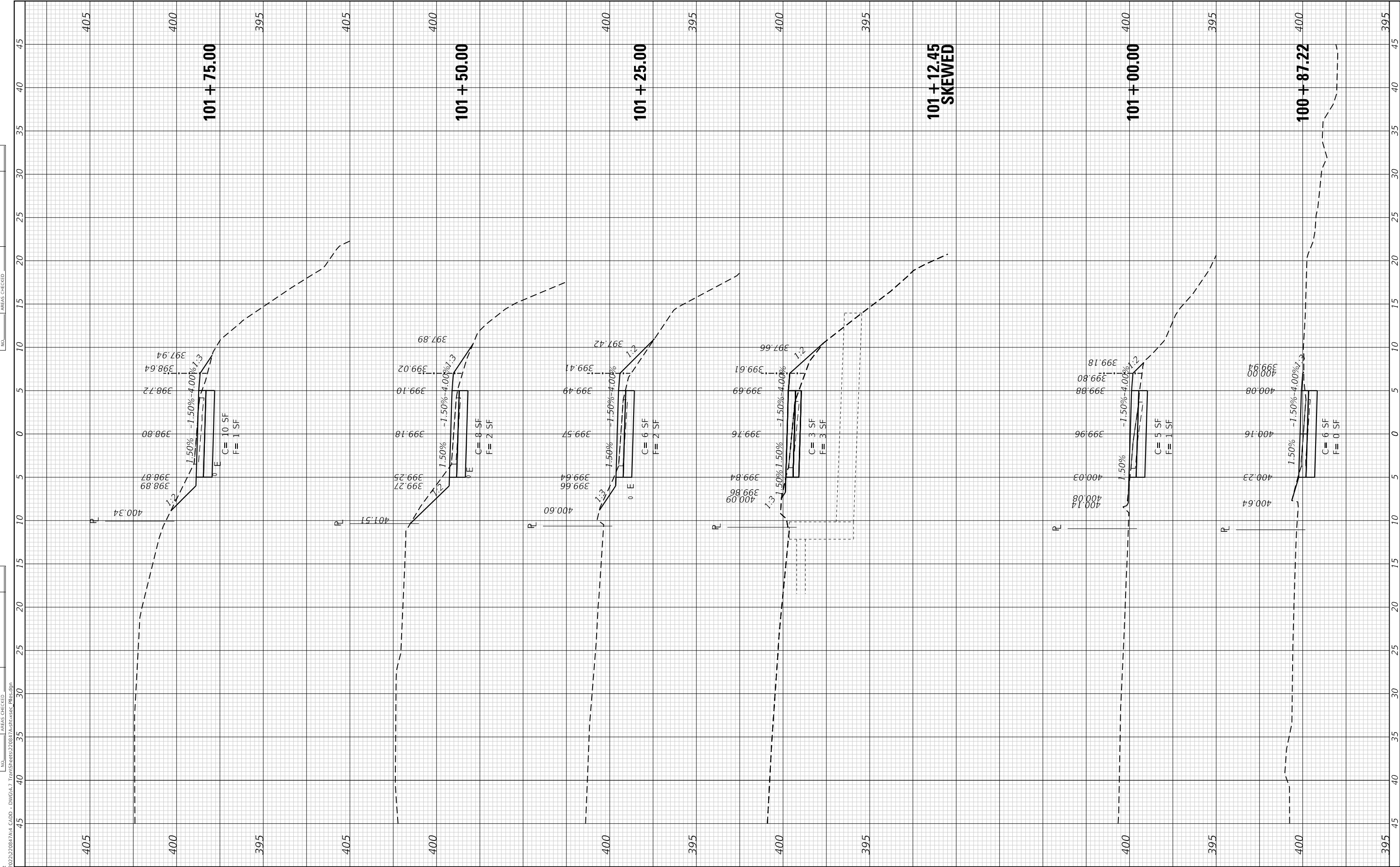
MISCELLANEOUS DETAILS
PCC SIDEWALK 6", SPECIAL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	37
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				

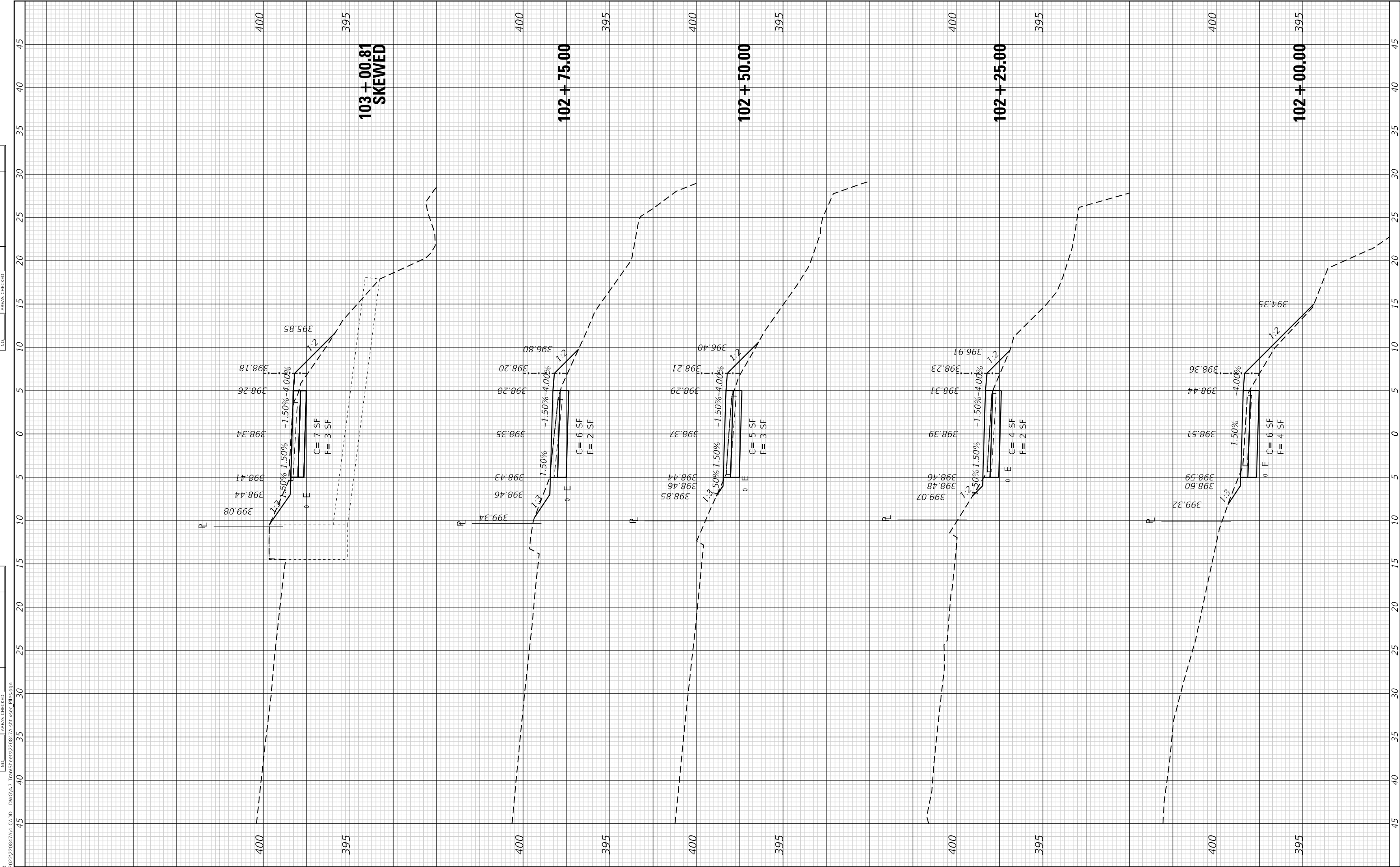
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ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



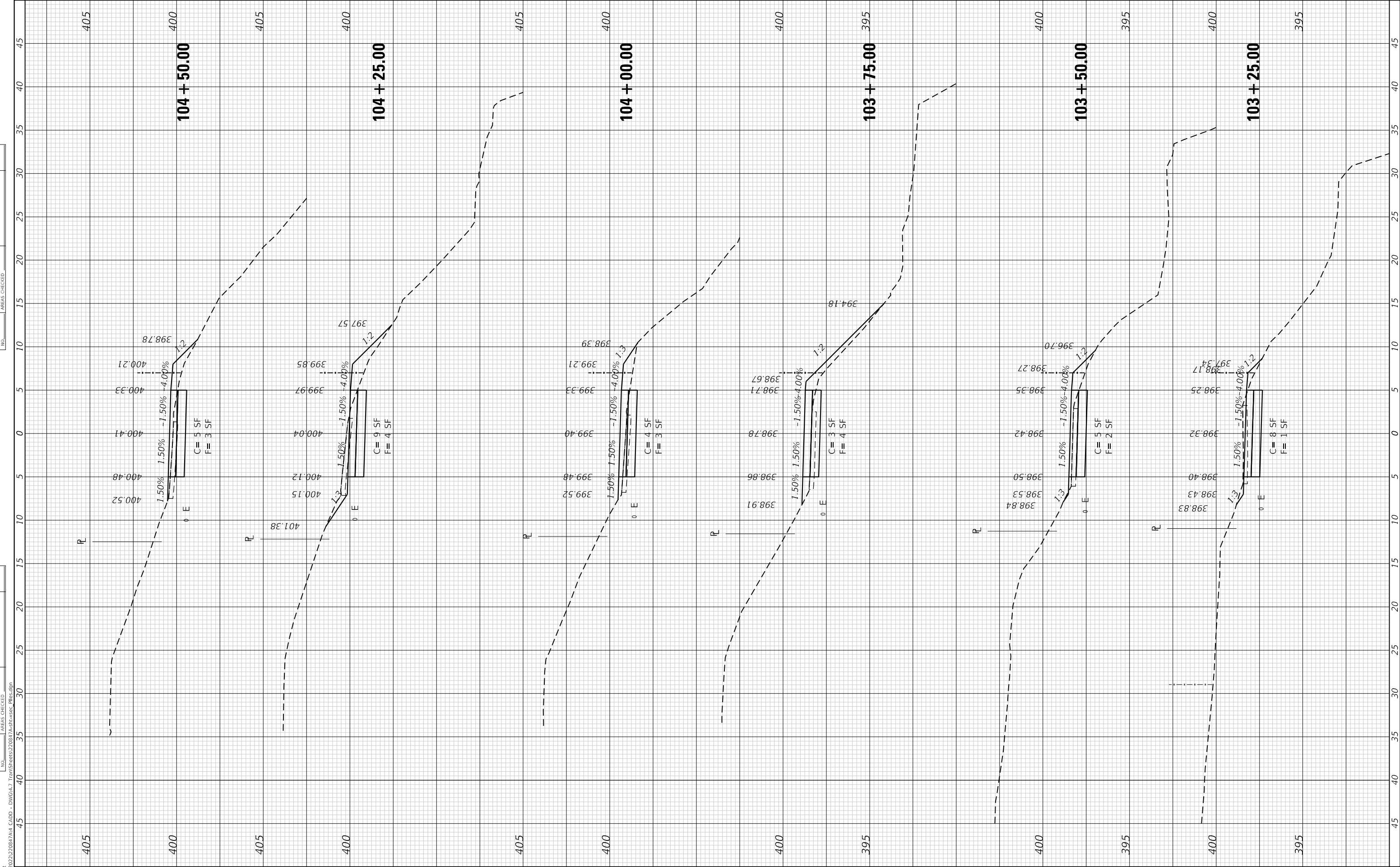
FINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE



FINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE



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

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

MODEL: Default
FILE NAME: P:\200



TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = Inguyen	DESIGNED -
	DRAWN -
PLOT SCALE = 10,0000 ' / in.	CHECKED -
PLOT DATE = 10/14/2025	DATE -

REVISED	-
REVISED	-
REVISED	-
REVISED	-



CITY OF CARBONDALE

CROSS SECTIONS

PILES FORK GREENWAY (ALONG CREEK)

SCALE: 1"=5'	SHEET 4	OF 23 SHEETS	STA. 104+75.00	TO STA. 105+75.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	41
		CONTRACT NO. 99763		
ILLINOIS		FED. AID PROJECT		

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

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

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TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO:
184-001220

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

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-



CITY OF CARBONDALE

CROSS SECTIONS
PILES FORK GREENWAY (ALONG CREEK)

SCALE: 1"=5'

SHEET 5

OF 23

SHEETS

STA. 106+00.00

TO STA. 107+00.00

F.A.P.
RTE.

331

SECTION

22-00151-00-BT

COUNTY

JACKSON

TOTAL
SHEETS

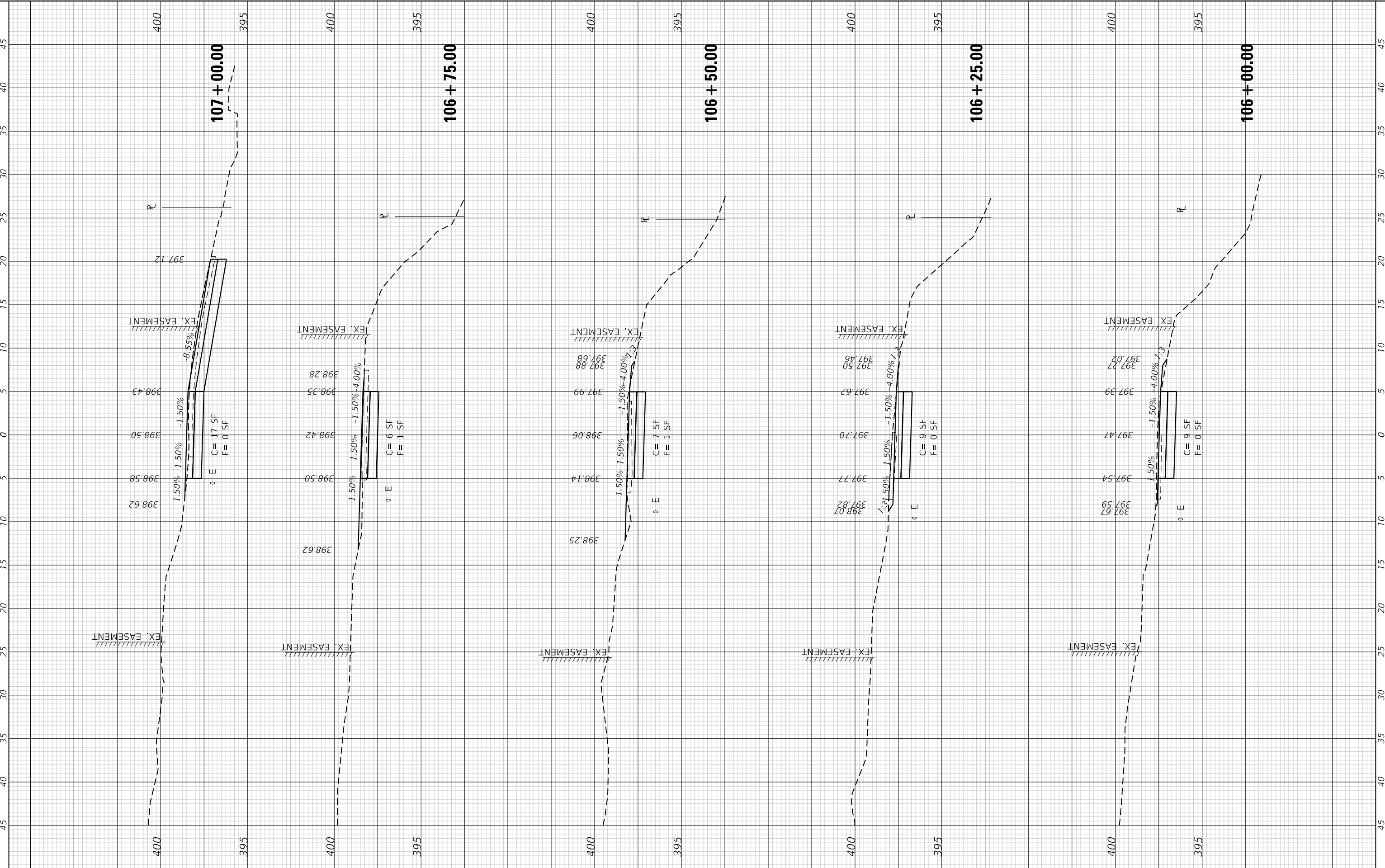
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SHEET
NO.

42

CONTRACT NO. 99763

ILLINOIS FED. AID PROJECT



FINAL SURVEY NO.	NOTE BOOK	SURVEYED PLOTTED AREAS	BY	DATE

ORIGINAL SURVEY NO.	NOTE BOOK	SURVEYED PLOTTED AREAS	BY	DATE

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TWM, INC.
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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= Inguyen
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/14/2025

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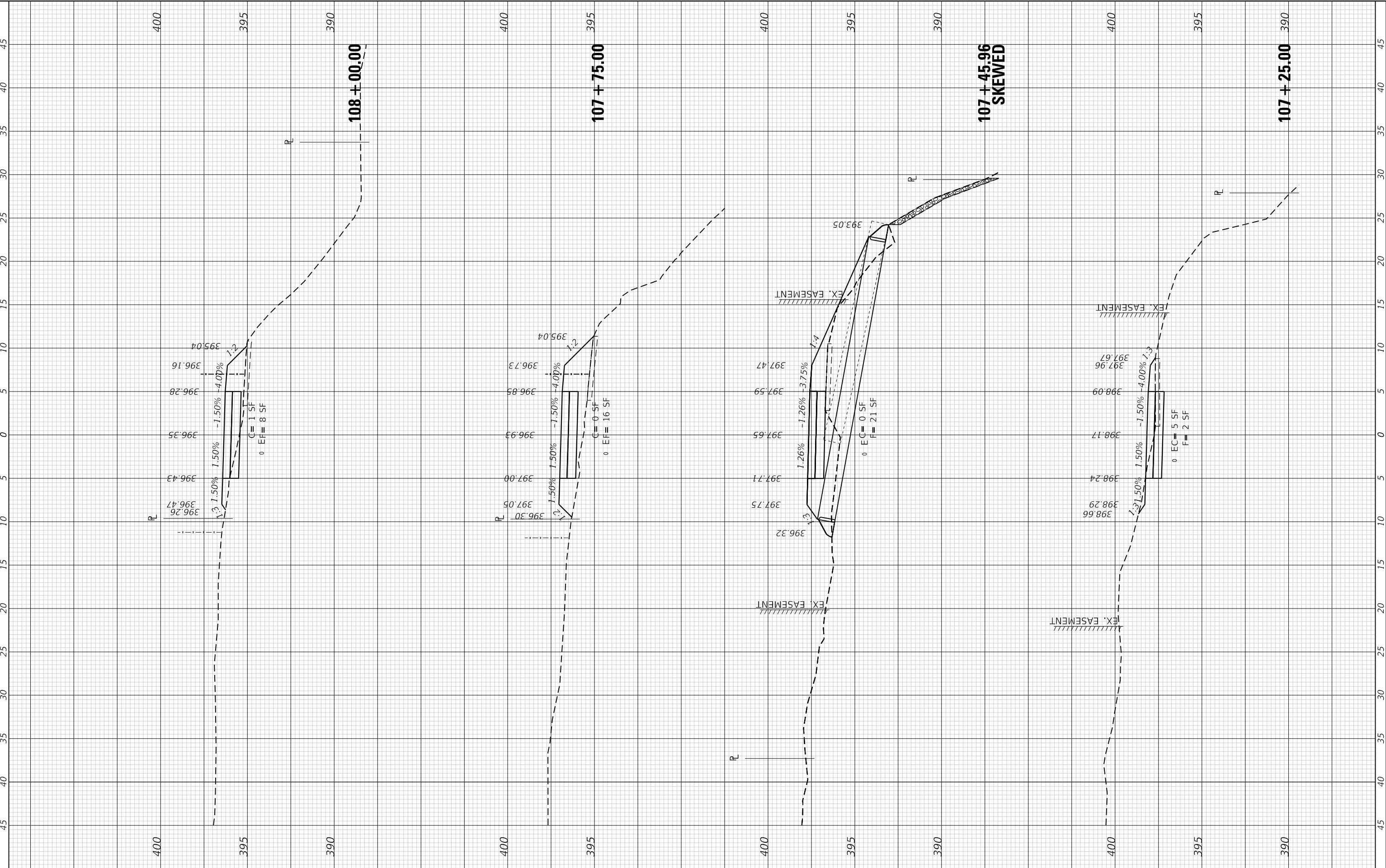


CITY OF CARBONDALE

CROSS SECTIONS
PILES FORK GREENWAY (ALONG CREEK)

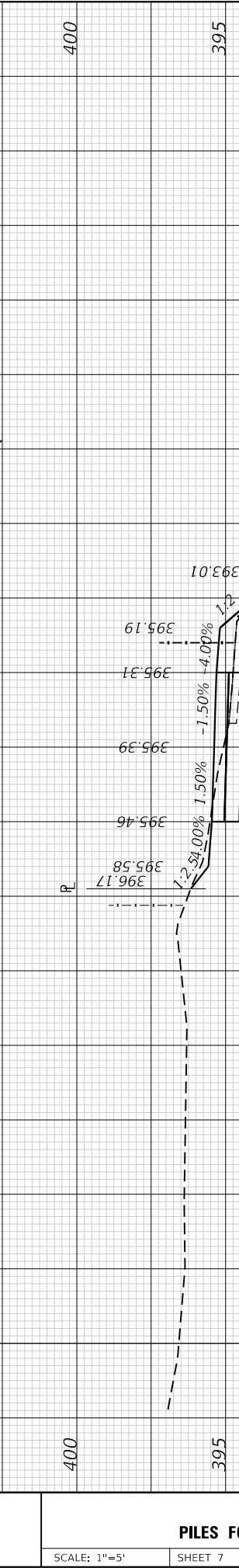
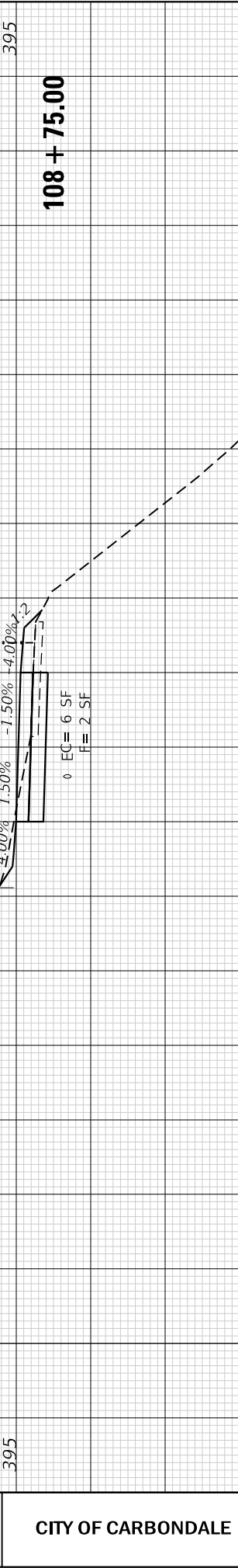
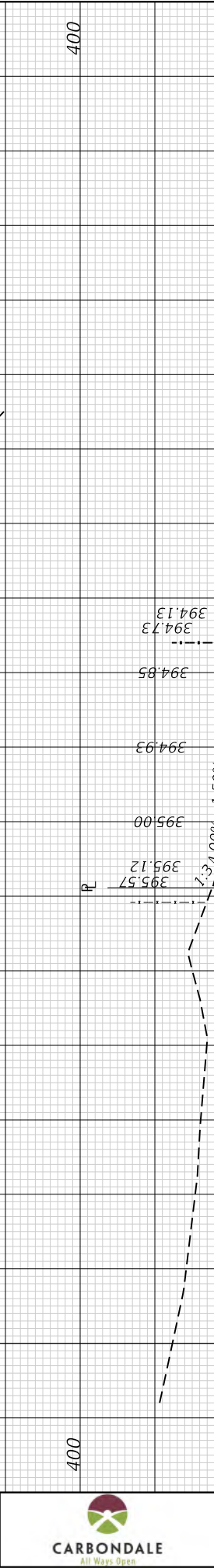
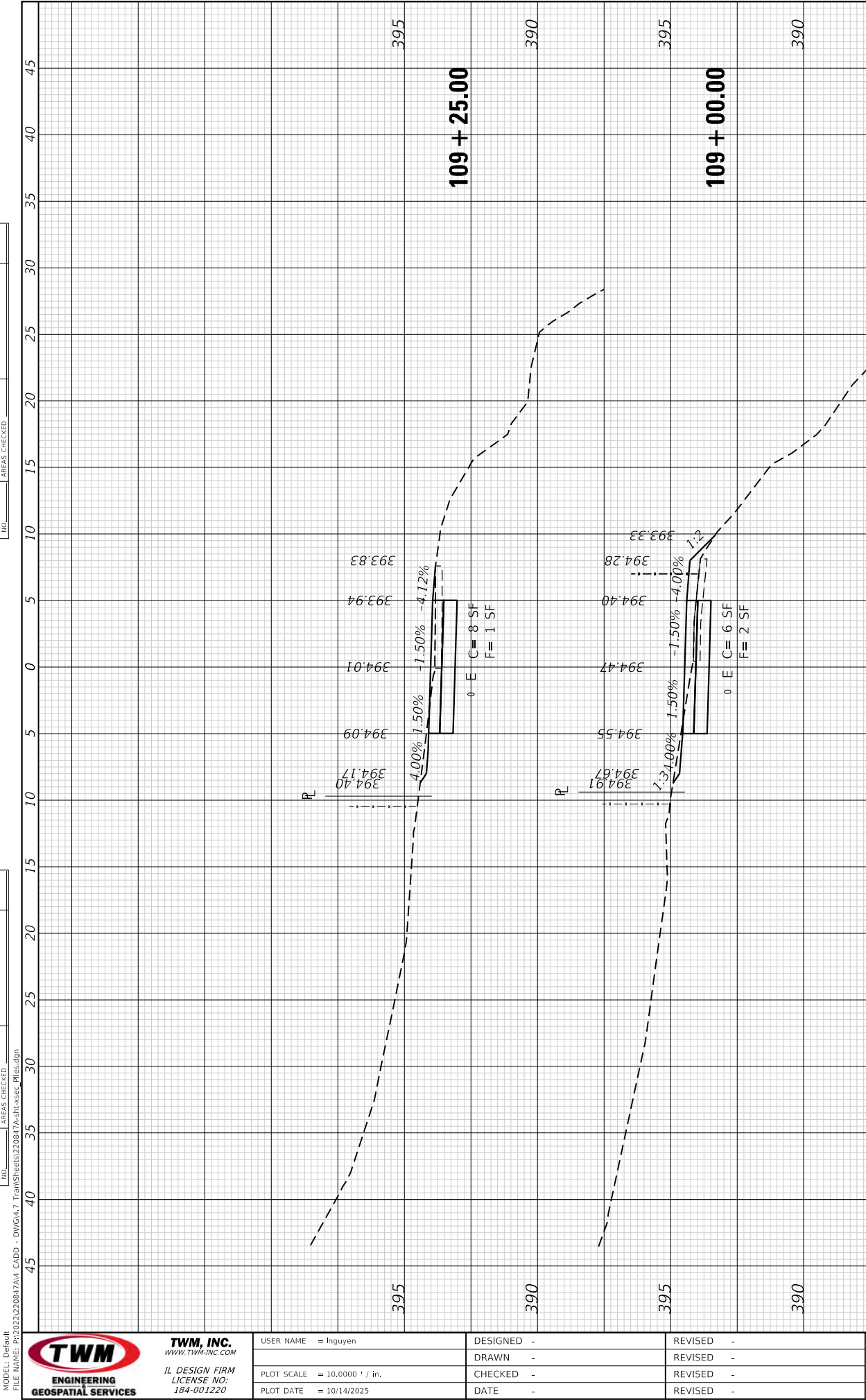
SCALE: 1"=5' SHEET 6 OF 23 SHEETS STA. 107+25.00 TO STA. 108+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	43
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				



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

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



TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = Inguyen
PLOT SCALE = 10,0000 ' / in.
PLOT DATE = 10/14/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



CITY OF CARBONDALE

CROSS SECTIONS
PILES FORK GREENWAY (ALONG CREEK)

SCALE: 1"=5'

SHEET 7

OF 23

SHEETS

STA. 108+25.00

TO STA. 109+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	44
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default
FILE NAME: P:\200



TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= Inguyen
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 10/14/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-



CITY OF CARBONDALE

CROSS SECTIONS
PILES FORK GREENWAY (ALONG CREEK)

SCALE: 1"=5'

SHEET 8

OF

23 SHEET

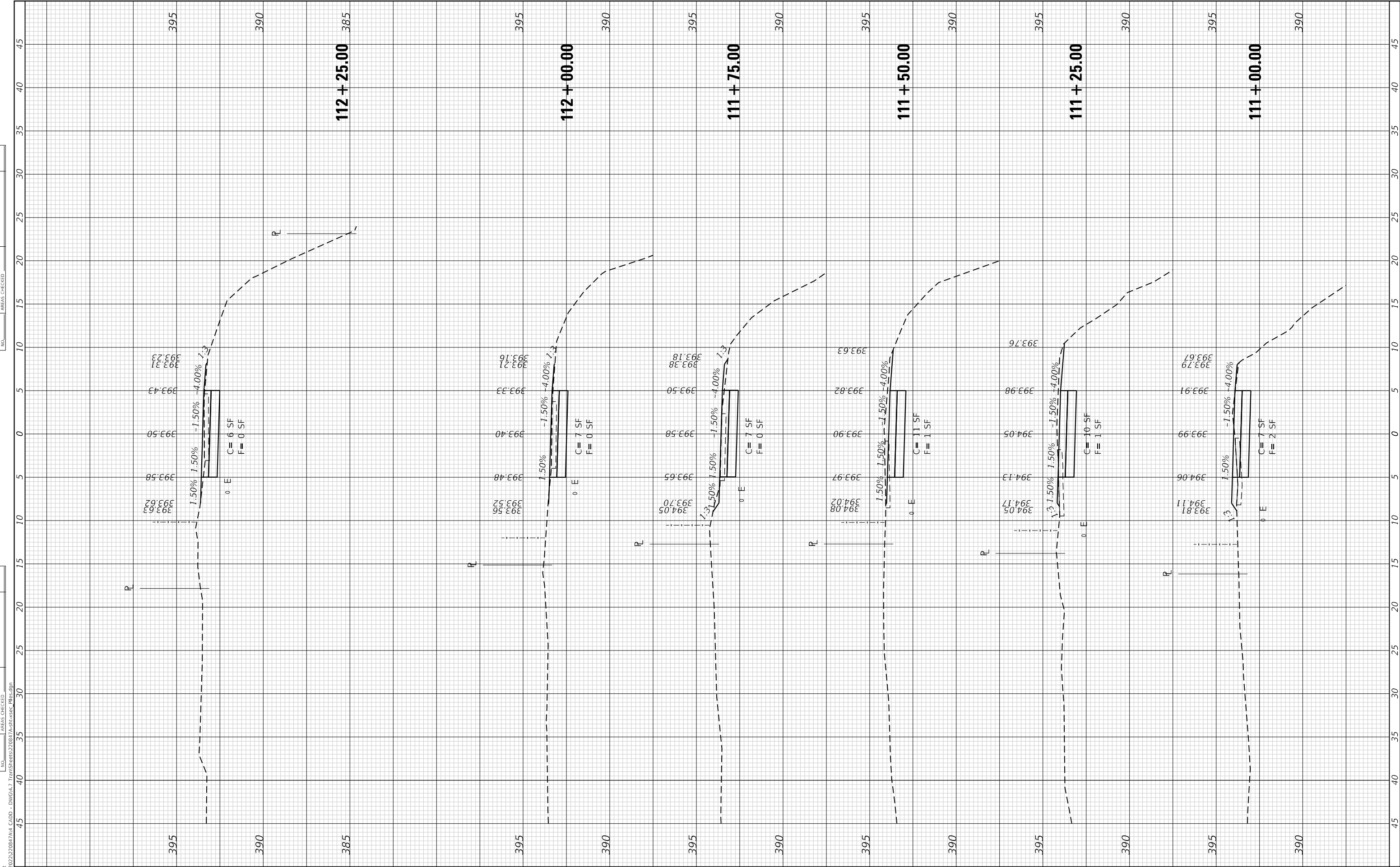
STA. 109+50.00

TO STA. 110+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	45
		CONTRACT NO. 99763		
ILLINOIS		FED. AID PROJECT		

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

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



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

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

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TWM, INC.
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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= Inguyen
PLOT SCALE	= 10.0000
PLOT DATE	= 10/14/20

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-



CITY OF CARBONDALE

CROSS SECTIONS

PILES FORK GREENWAY (ALONG CREEK)

SCALE: 1"=5'

SHEET 10

OF

SHEETS

STA. 112+50.00

TO STA. 113+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	47
		CONTRACT NO. 99763		
ILLINOIS		FED. AID PROJECT		

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

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

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TWM, INC.
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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = Nguyen

PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 10/14/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



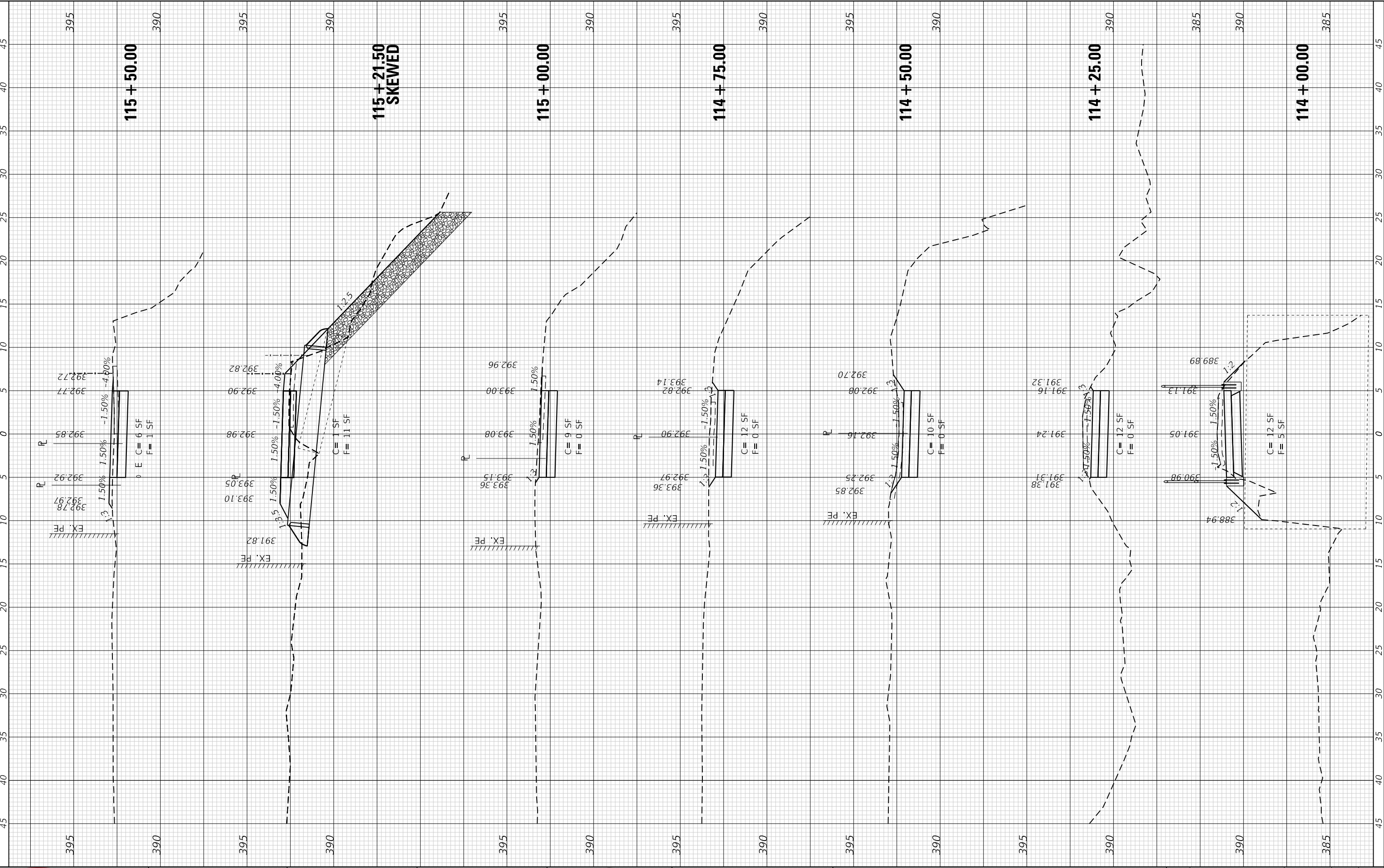
CITY OF CARBONDALE

CROSS SECTIONS
PILES FORK GREENWAY (ALONG CREEK)

SCALE: 1"=5'

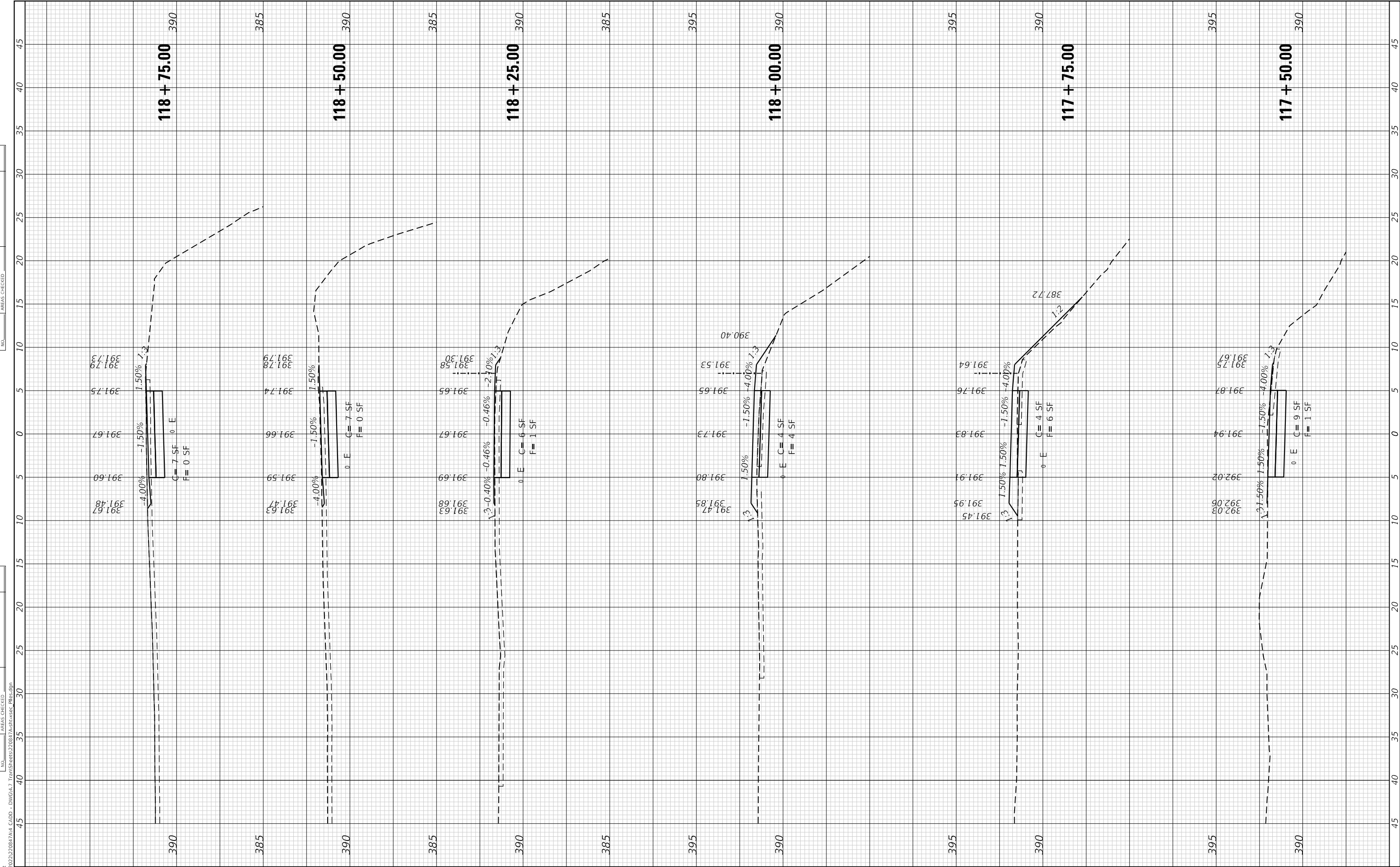
SHEET 11 OF 23 SHEETS
STA. 114+00.00 TO STA. 115+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	48
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				



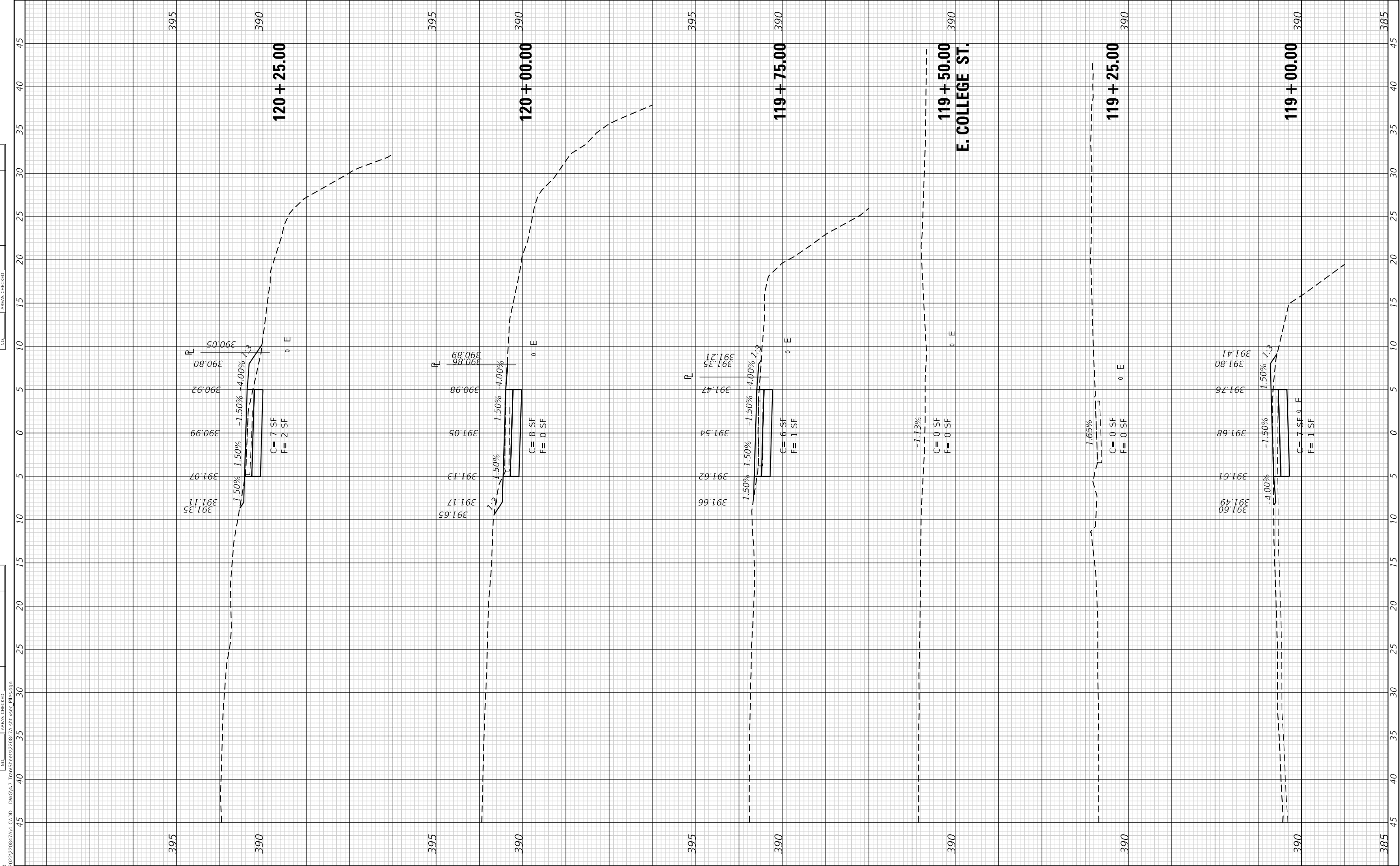
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ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE



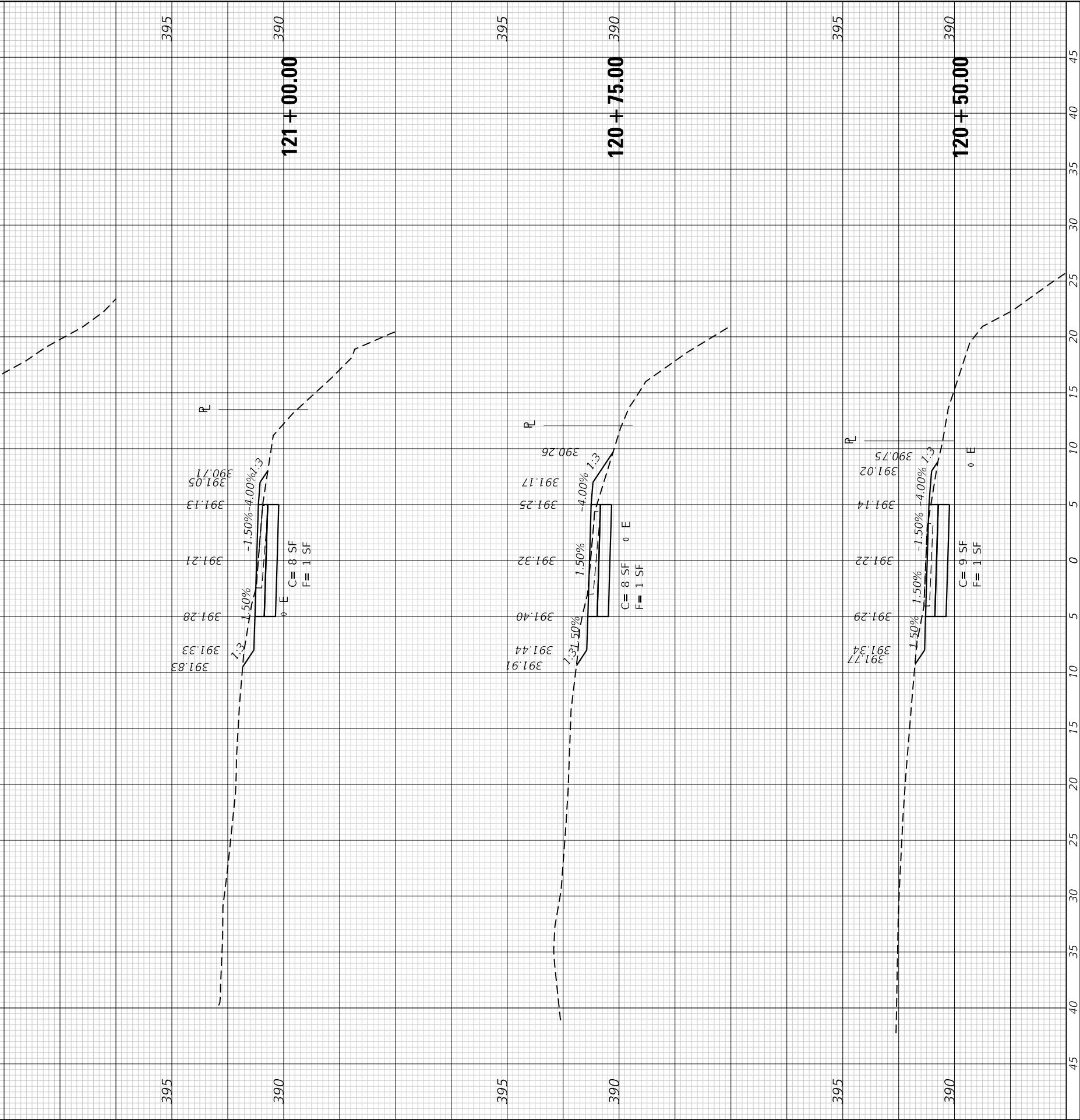
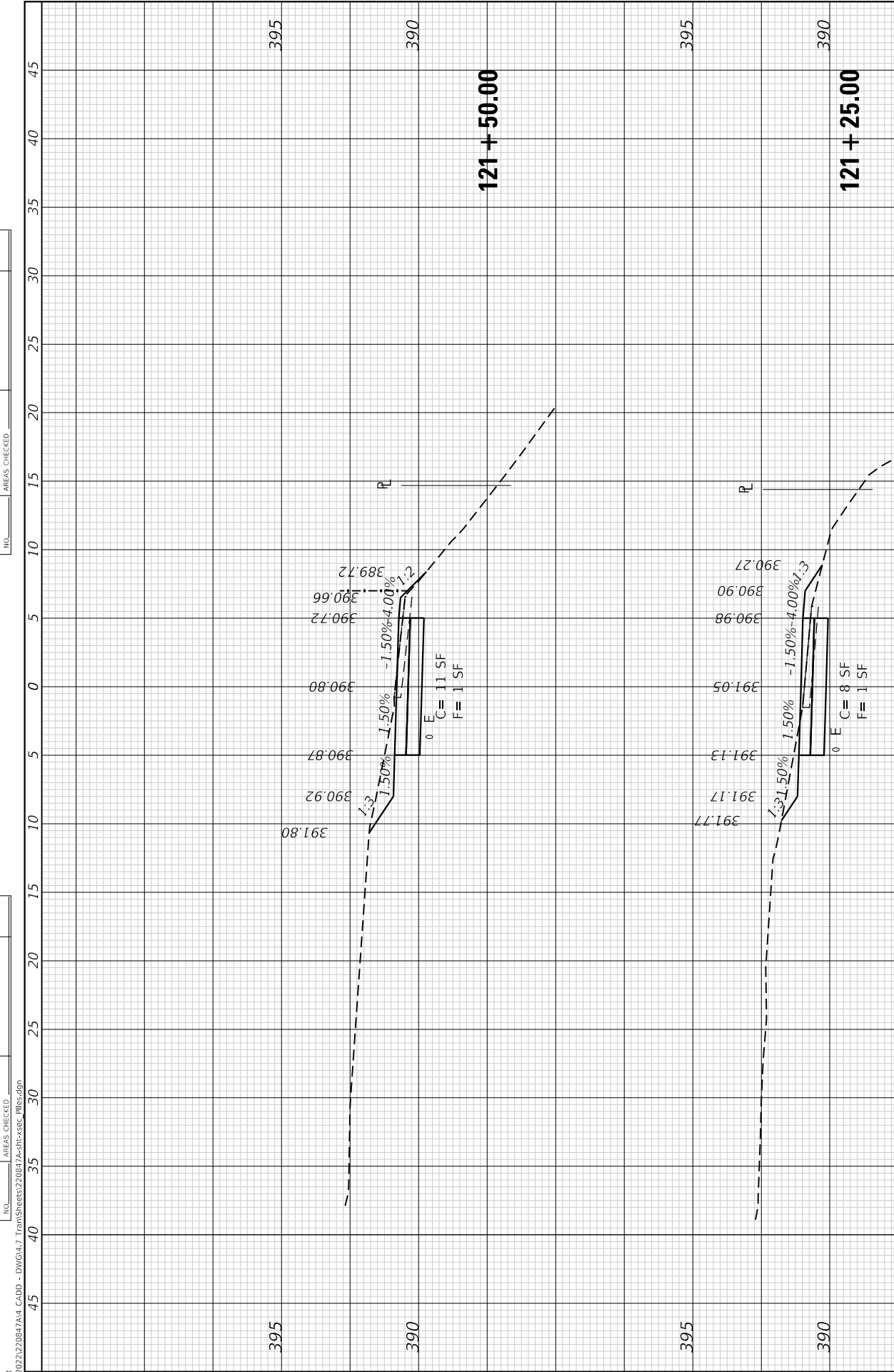
FINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE AREAS	BY	DATE

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



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

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



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

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

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TWM, INC.
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IL DESIGN FIRM
LICENSE NO:
184-001220

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

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-



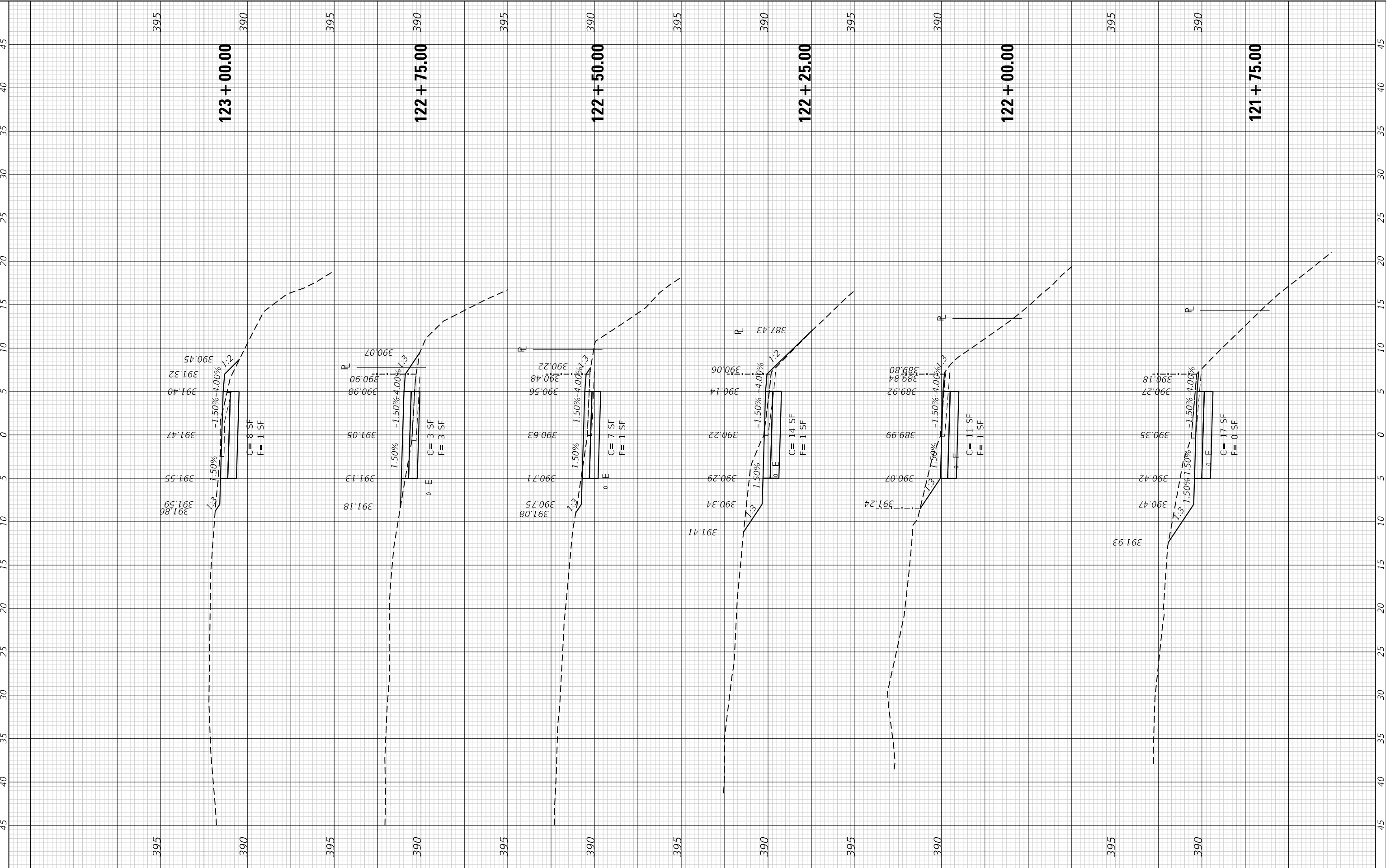
CITY OF CARBONDALE

CROSS SECTIONS
PILES FORK GREENWAY (ALONG CREEK)

SCALE: 1"=5'

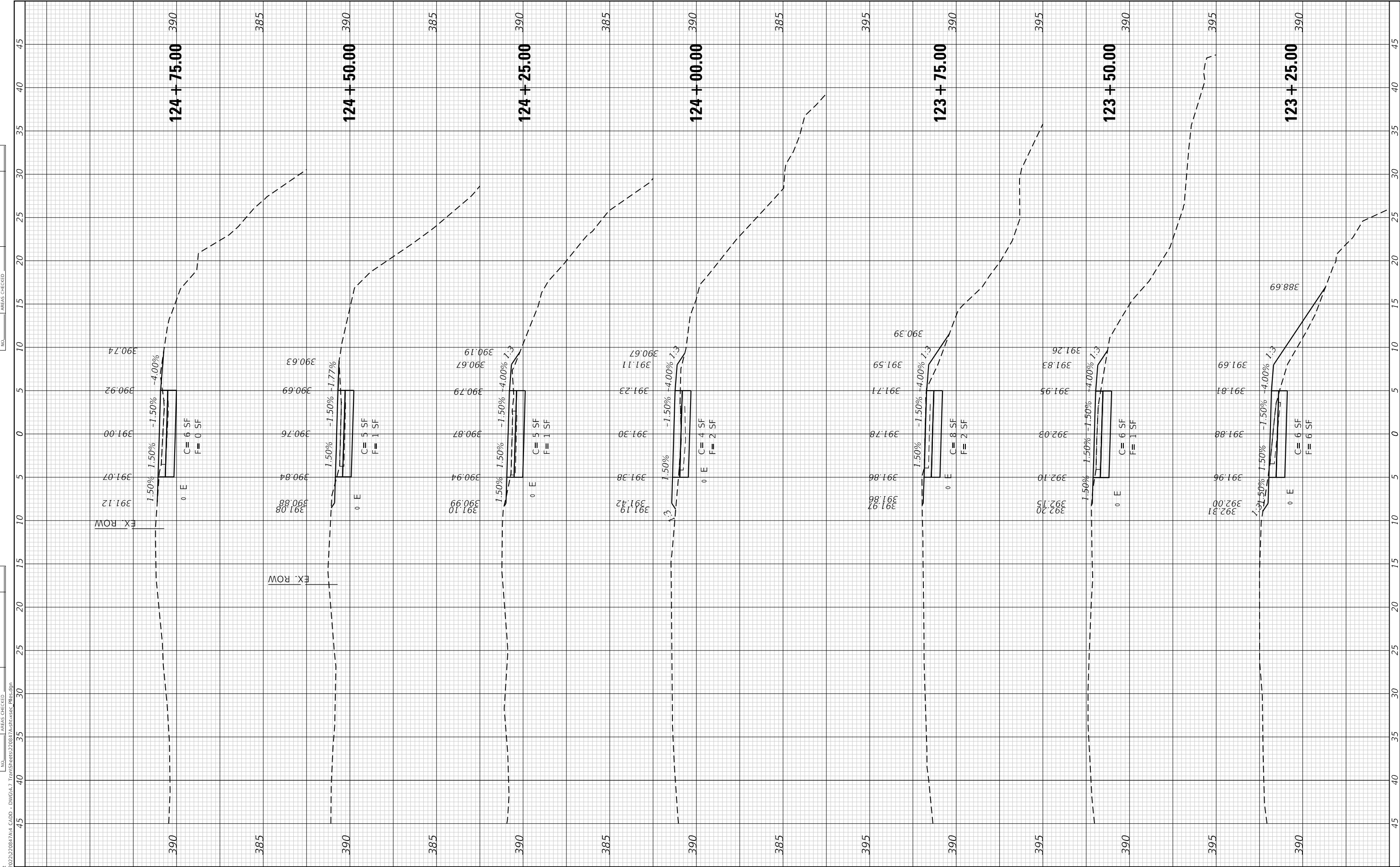
SHEET 16 OF 23 SHEETS STA. 121+75.00 TO STA. 123+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	53
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				



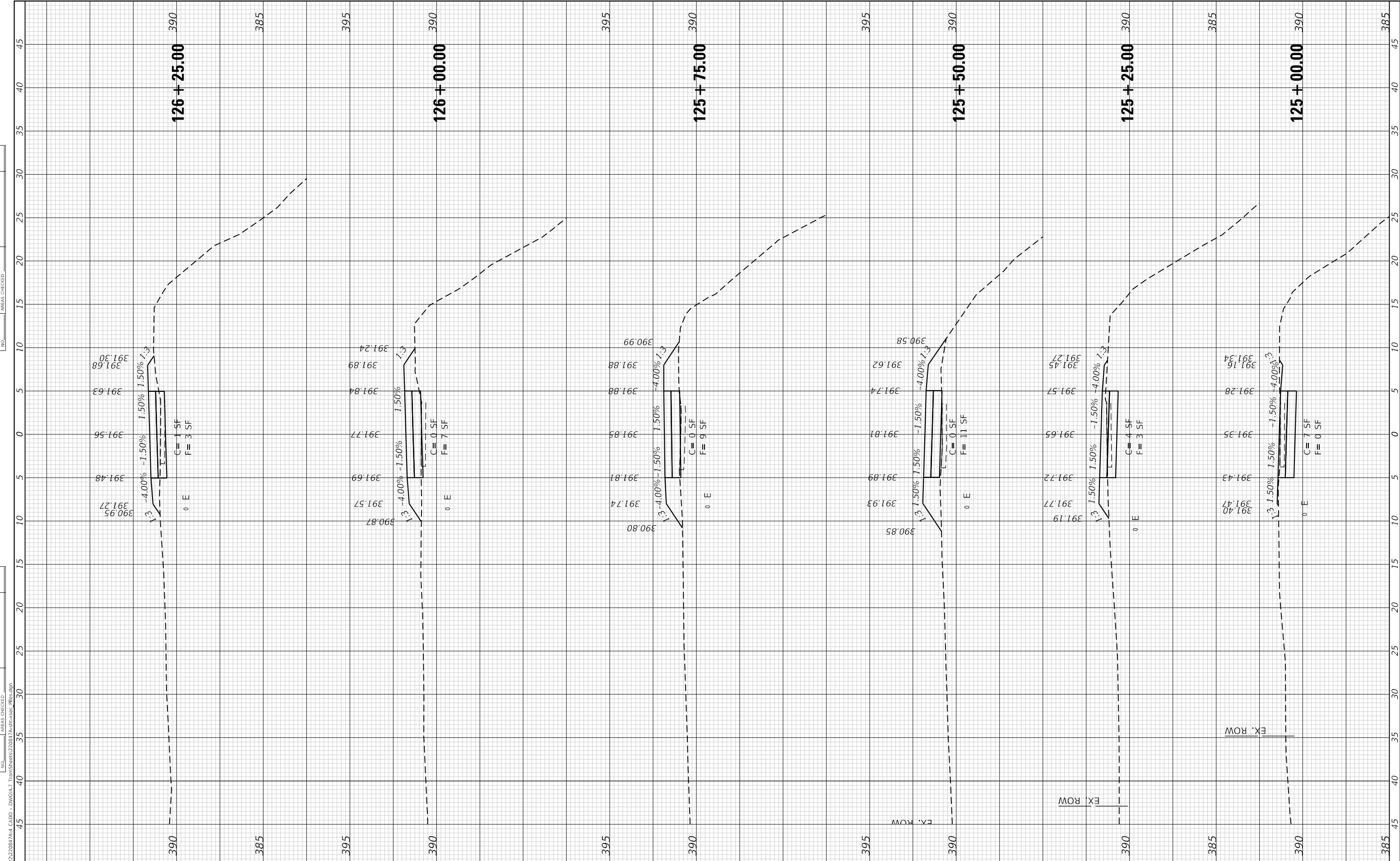
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ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE



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

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



ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



TWM
ENGINEERING
&
GEOSPATIAL SERVICES

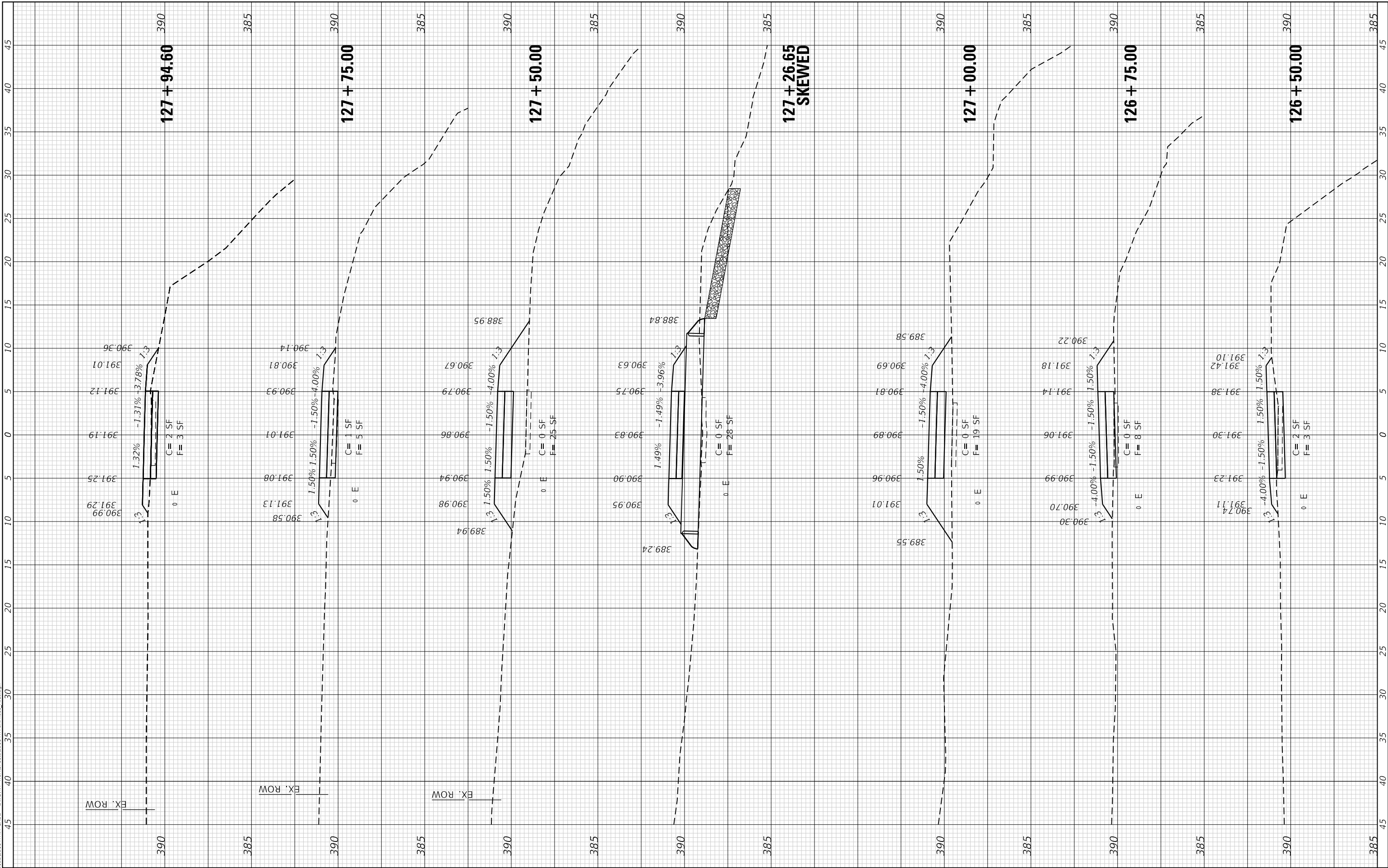
TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220



CARBONDALE
All Ways Open

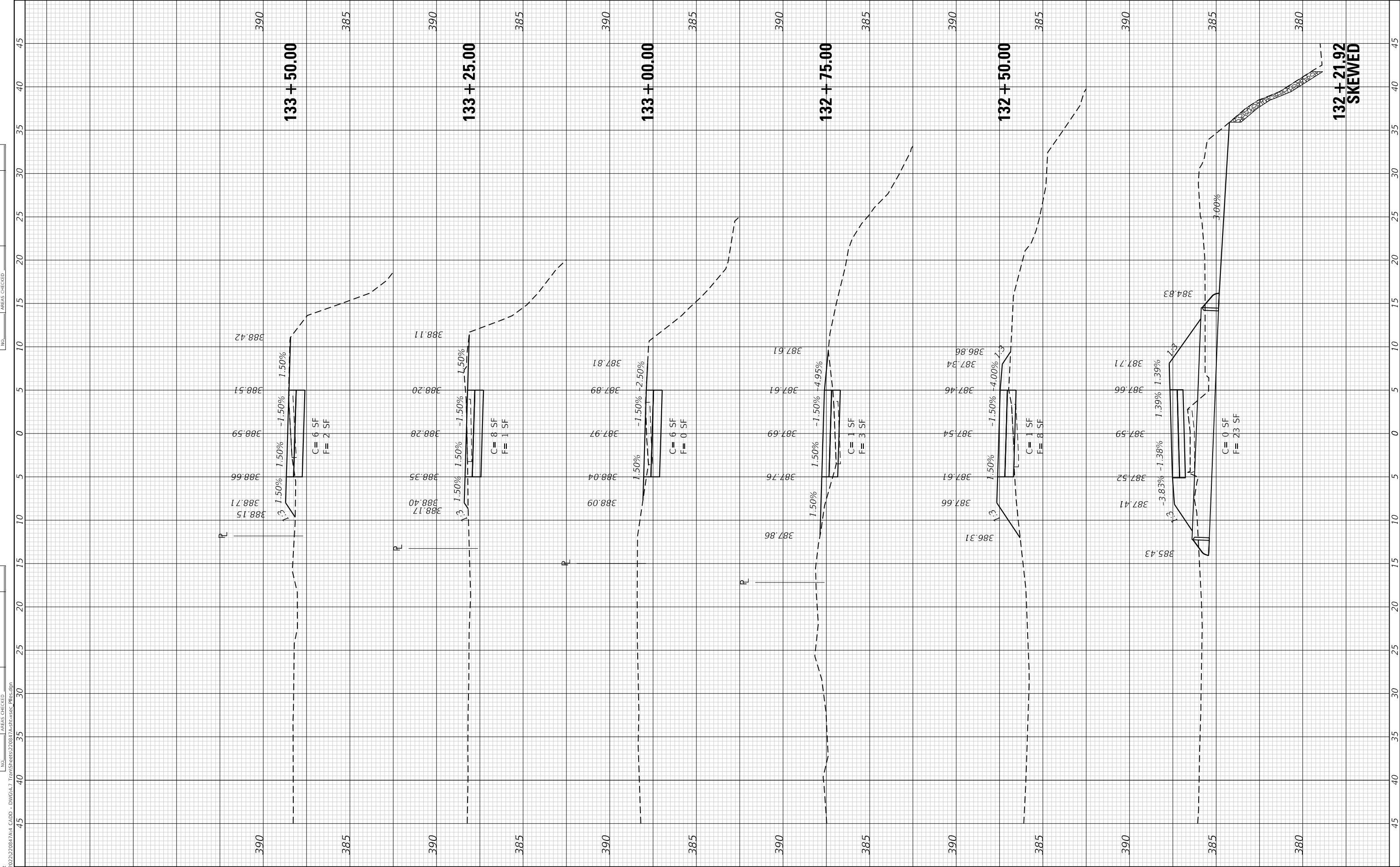
CROSS SECTIONS
PILES FORK GREENWAY (ALONG CREEK)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	56
		CONTRACT NO. 99763		
ILLINOIS		FED. AID PROJECT		



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

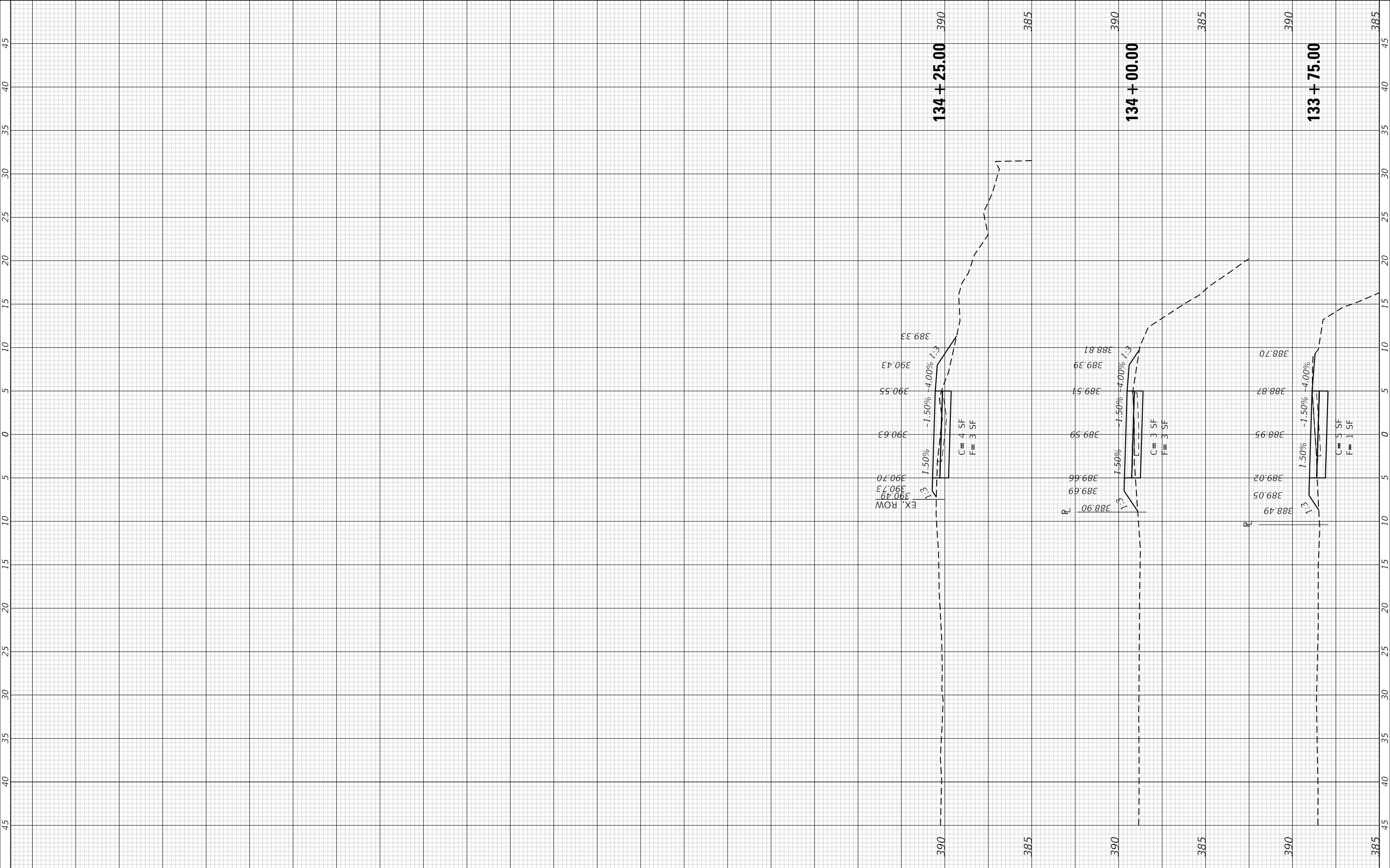
ORIGINAL SURVEY NO.	NOTE BOOK	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



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

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

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TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = Nguyen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE -	REVISED -



CITY OF CARBONDALE

CROSS SECTIONS
PILES FORK GREENWAY (ALONG CREEK)

SCALE: 1"=5'

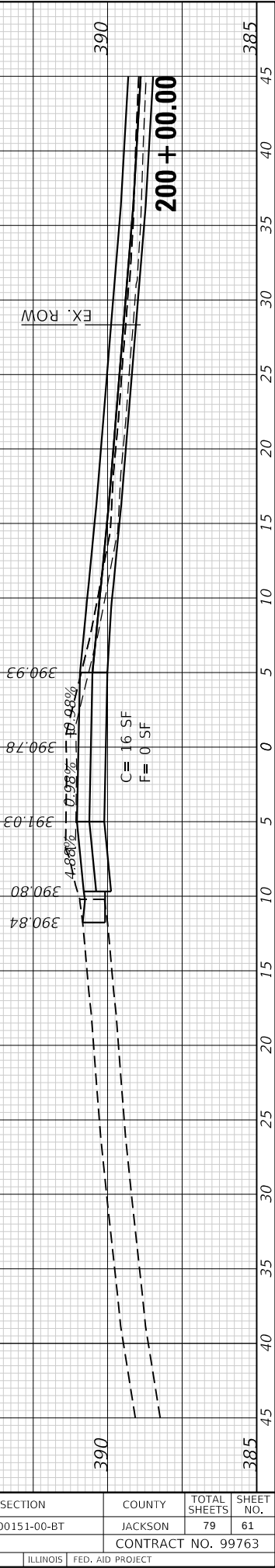
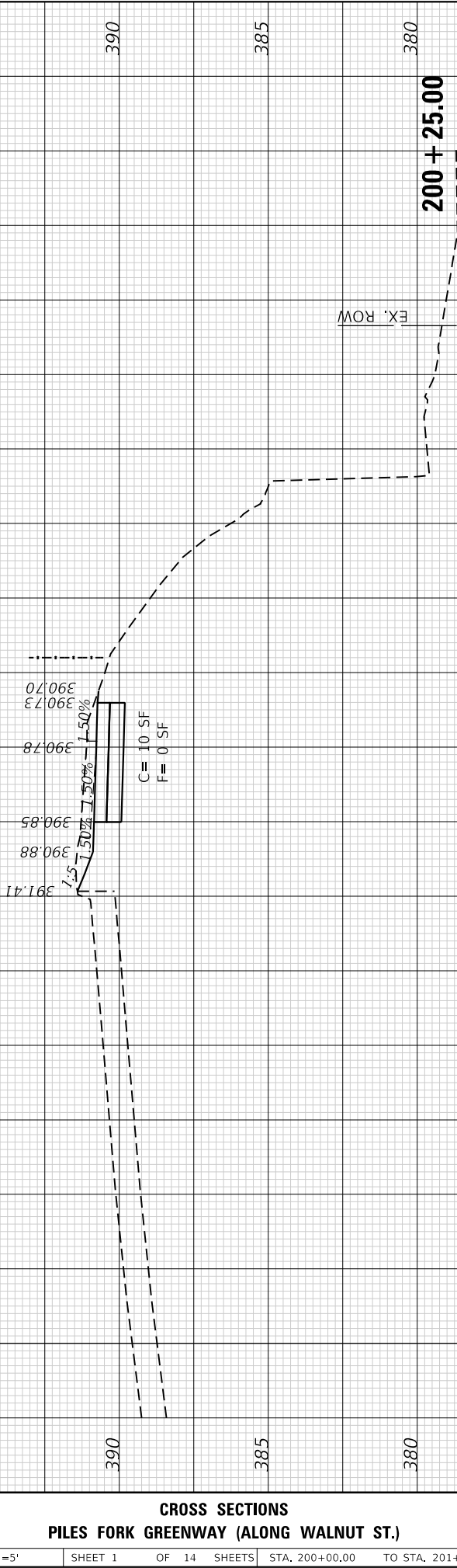
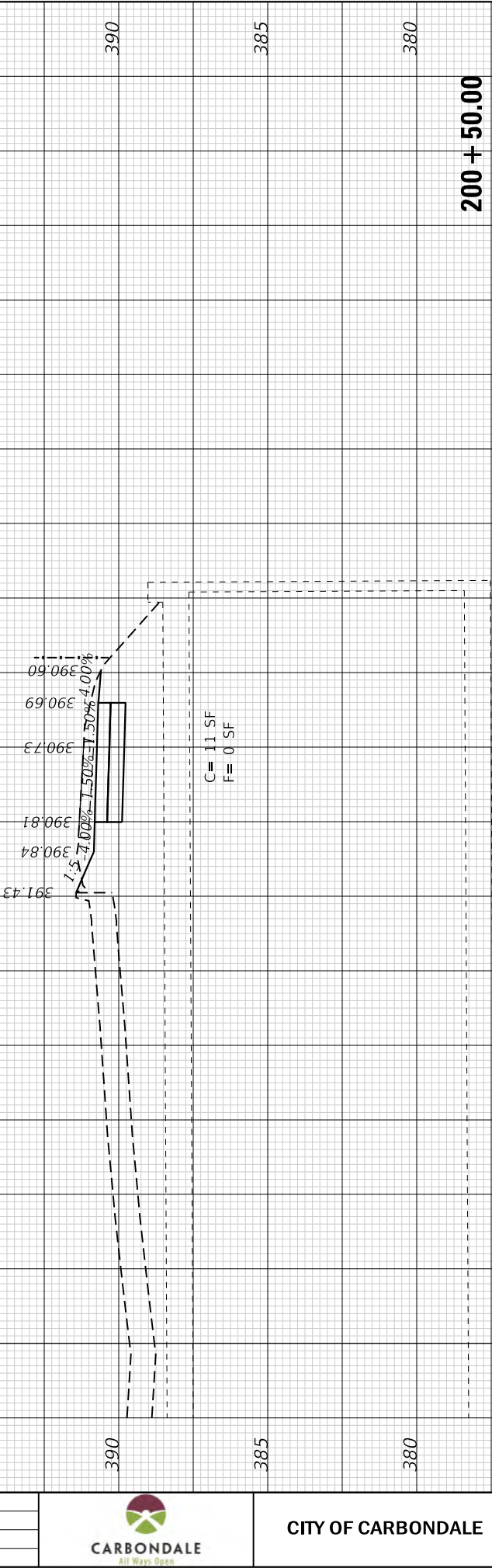
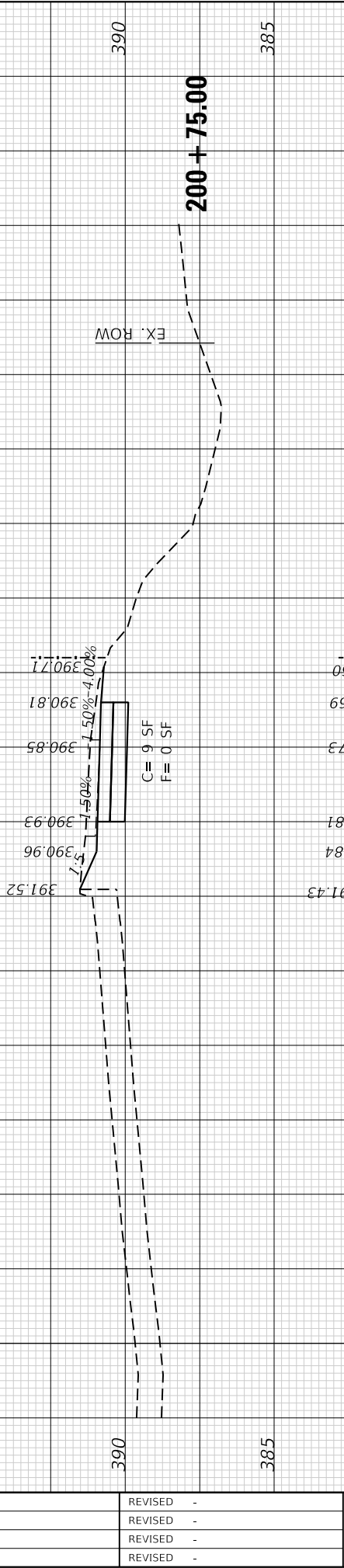
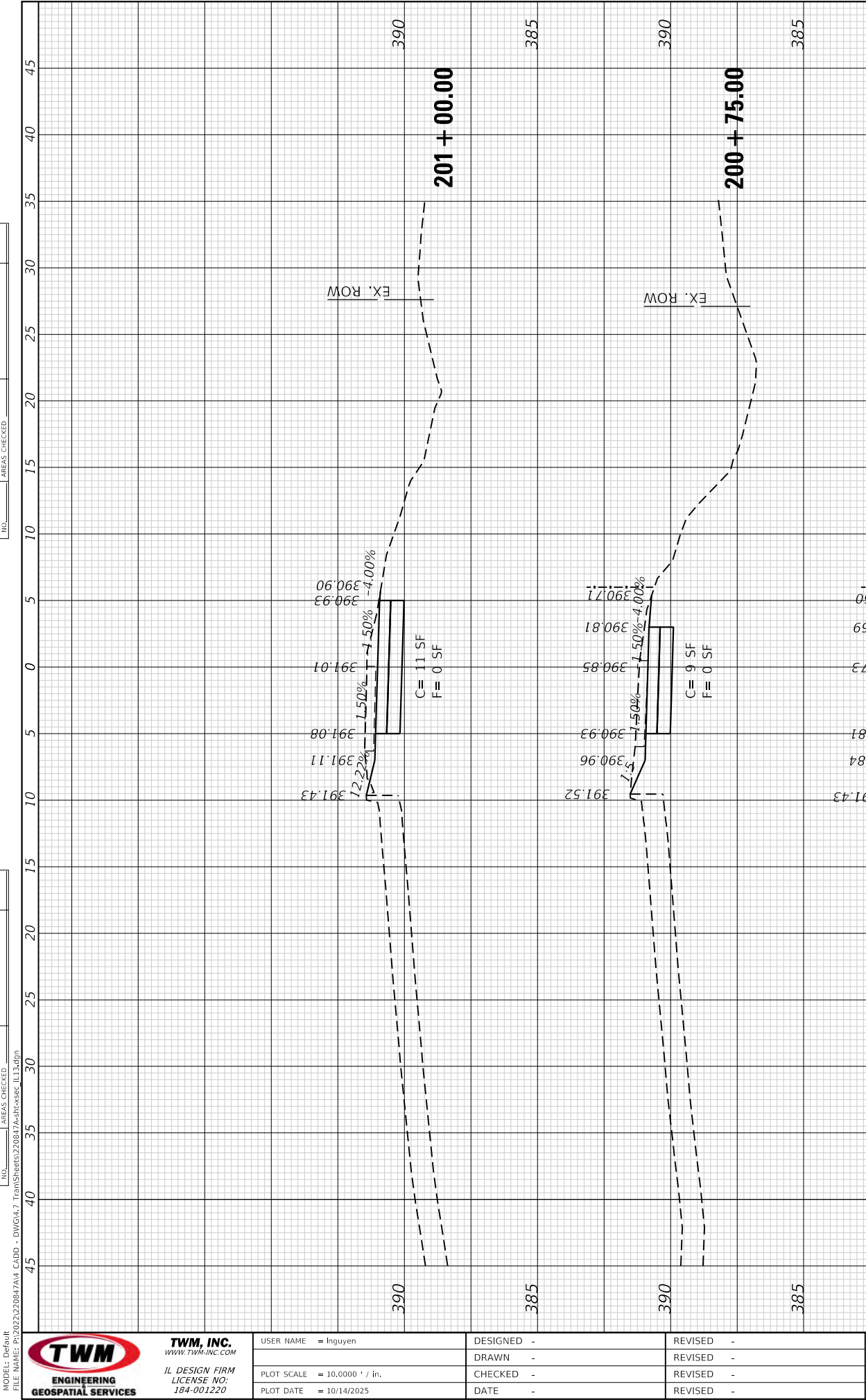
SHEET 23 OF 23 SHEETS

STA. 133+75.00 TO STA. 134+25.00

F.A.P. RTE. 331	SECTION 22-00151-00-BT	COUNTY JACKSON	TOTAL SHEETS 79	SHEET NO. 60
ILLINOIS FED. AID PROJECT			CONTRACT NO. 99763	

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

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



TWM, INC.
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ILLINOIS DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = Inguyen
DESIGNED -
DRAWN -
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DATE -

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REVISD -
REVISD -



CITY OF CARBONDALE

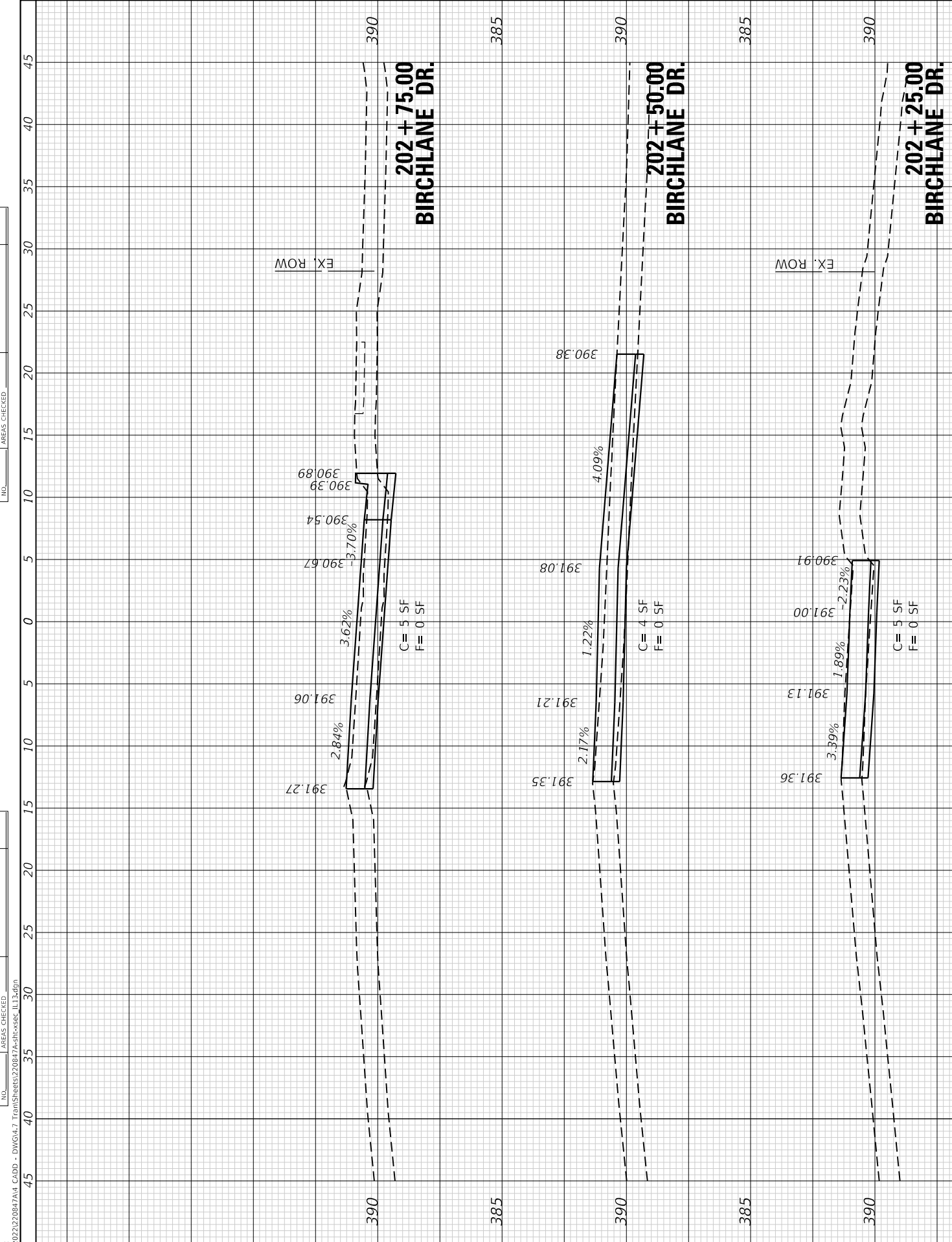
CROSS SECTIONS
PILES FORK GREENWAY (ALONG WALNUT ST.)

SCALE: 1"=5' SHEET 1 OF 14 SHEETS STA. 200+00.00 TO STA. 201+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	61
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				

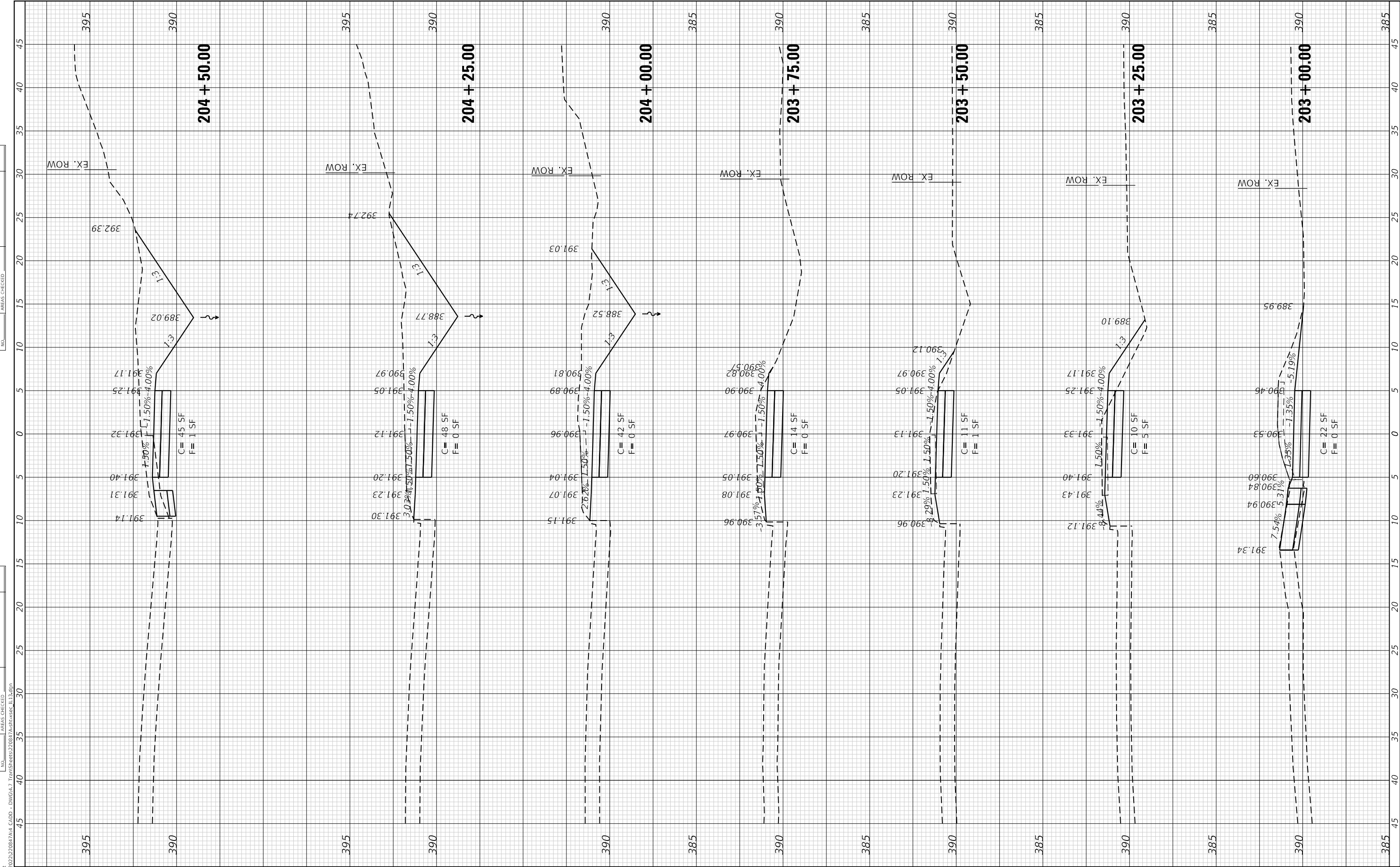
FINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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



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

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



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

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

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TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = Ingyuen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE -	REVISED -



CITY OF CARBONDALE

CROSS SECTIONS
PILES FORK GREENWAY (ALONG WALNUT ST.)

SCALE: 1"=5'

SHEET 4

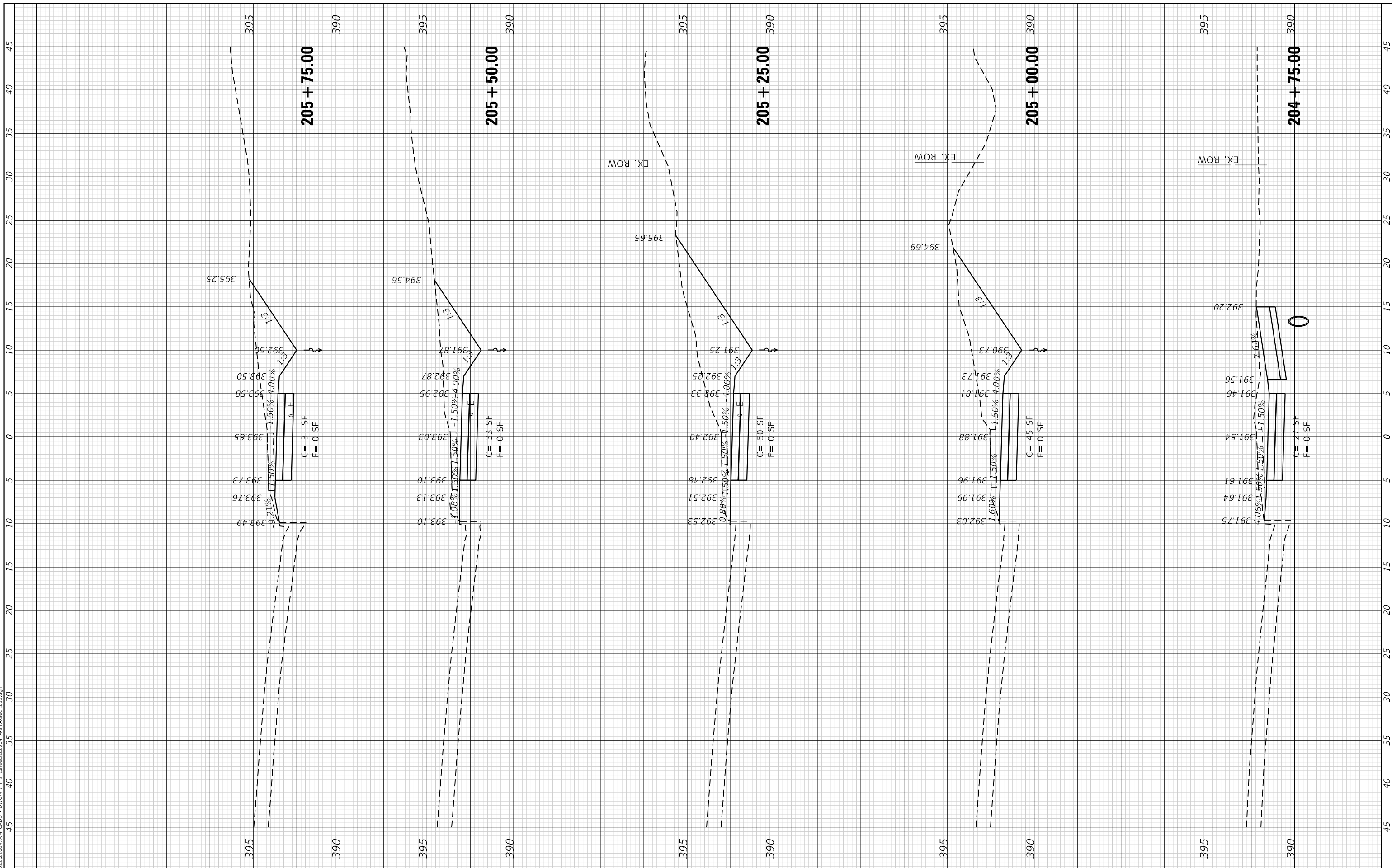
OF 14

SHEETS

STA. 204+75.00

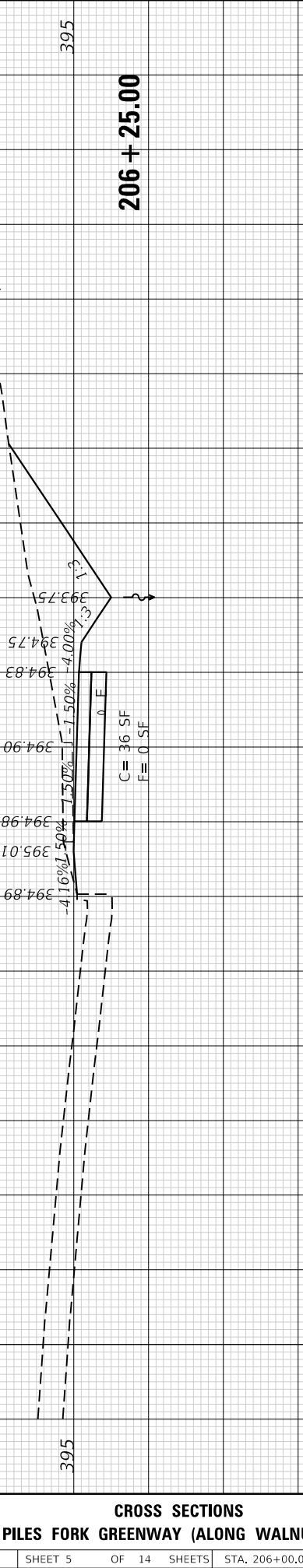
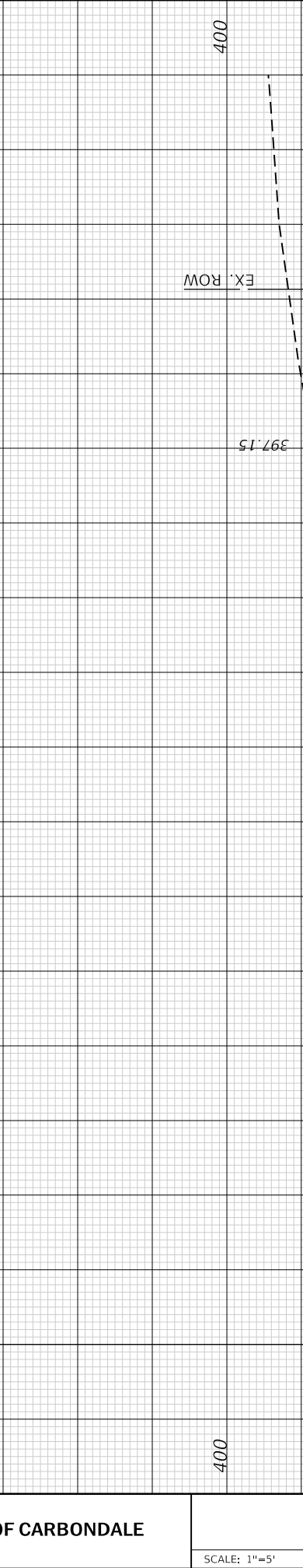
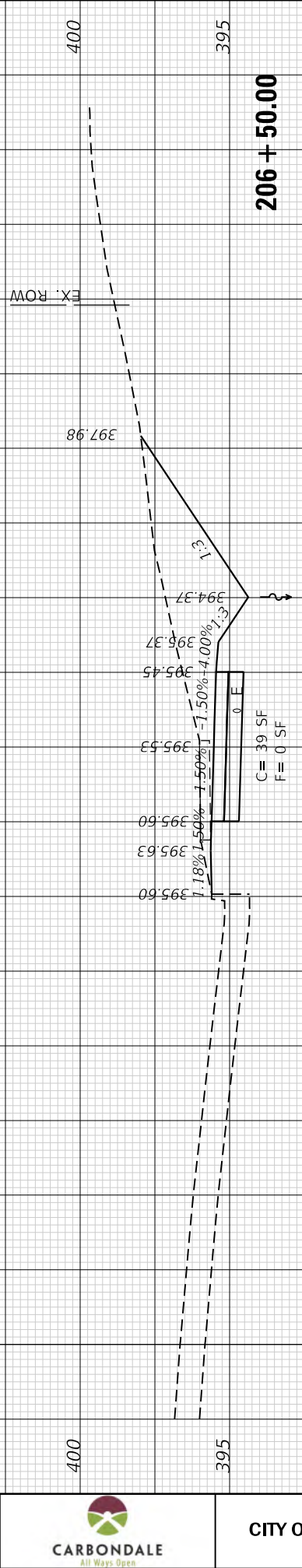
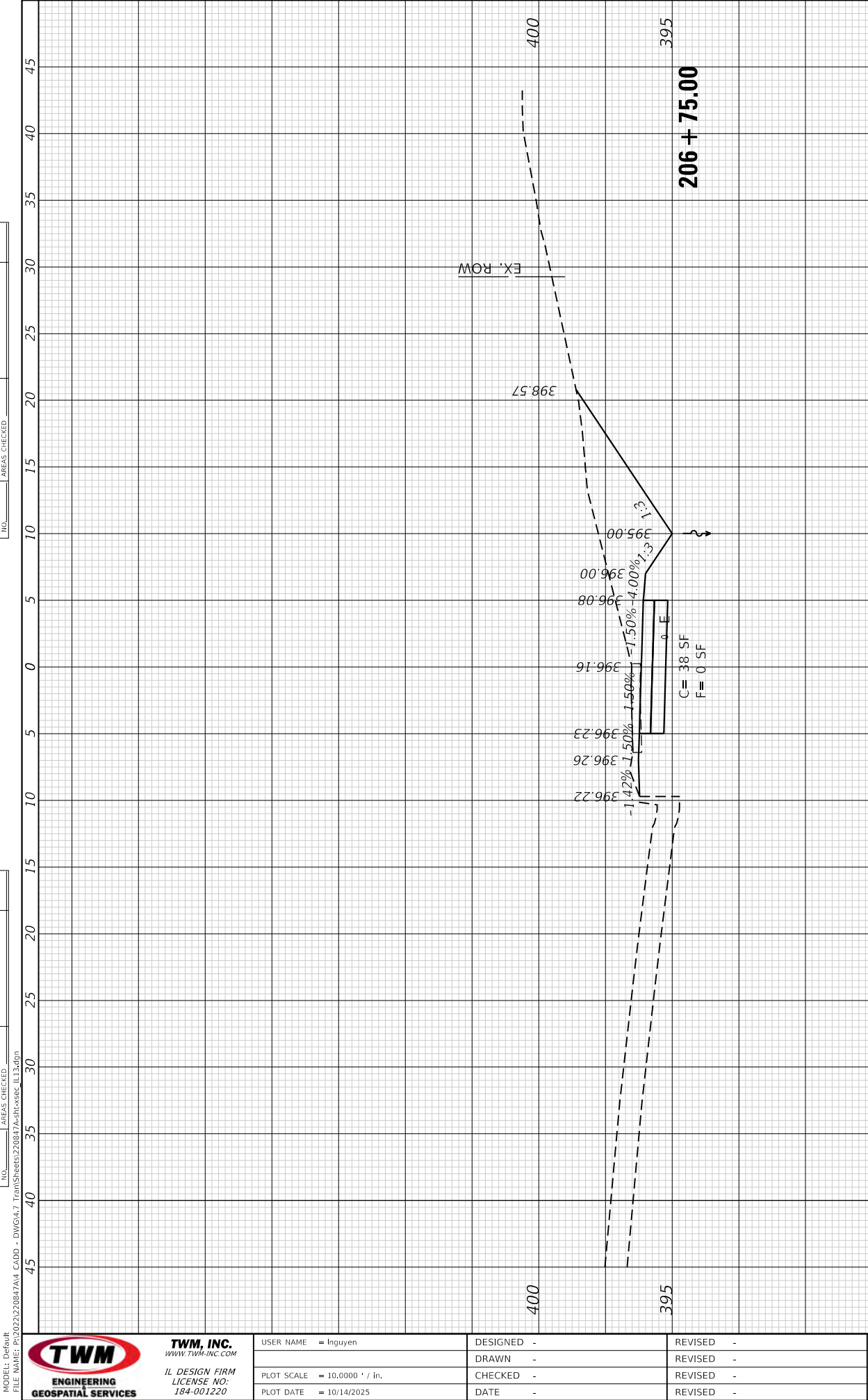
TO STA. 205+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	64
		CONTRACT NO. 99763		
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE



TWM, INC.
WWW.TWM-INC.COM
ILL. DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = Nguyen
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 10/14/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISD -
REVISED -
REVISED -
REVISED -



CITY OF CARBONDALE

CROSS SECTIONS
PILES FORK GREENWAY (ALONG WALNUT ST.)

SCALE: 1"=5'

SHEET 5

OF 14

SHEETS

STA. 206+00.00

TO STA. 206+75.00

F.A.P.
RTE.
331

SECTION
22-00151-00-BT

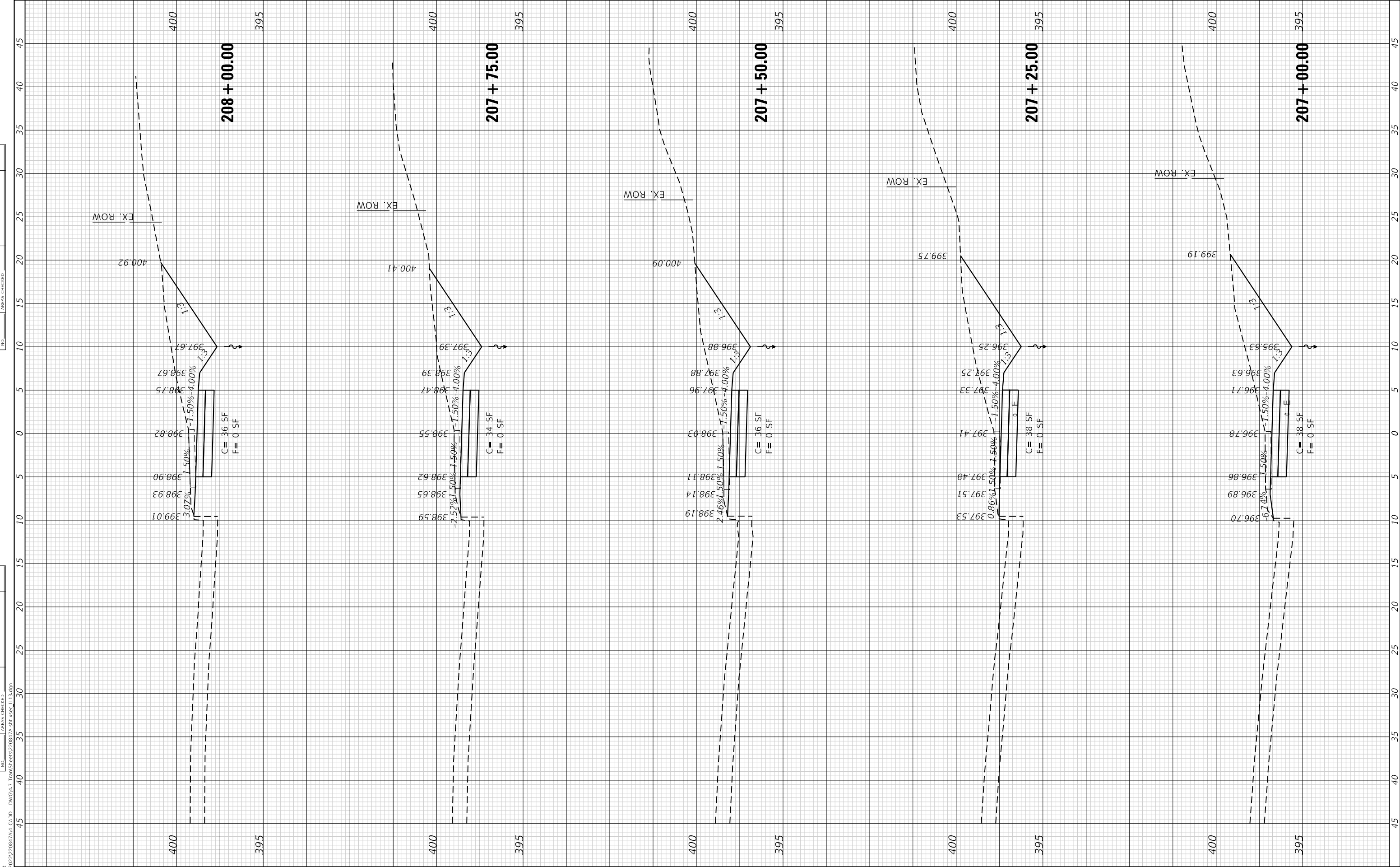
COUNTY
JACKSON

TOTAL
SHEETS
79
SHEET
NO.
65
CONTRACT NO. 99763

ILLINOIS FED. AID PROJECT

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

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



ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



TWM
ENGINEERING
&
GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM
IL DESIGN FIRM
LICENSE NO:
184-001220

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-



CARBONDALE
All Ways Open

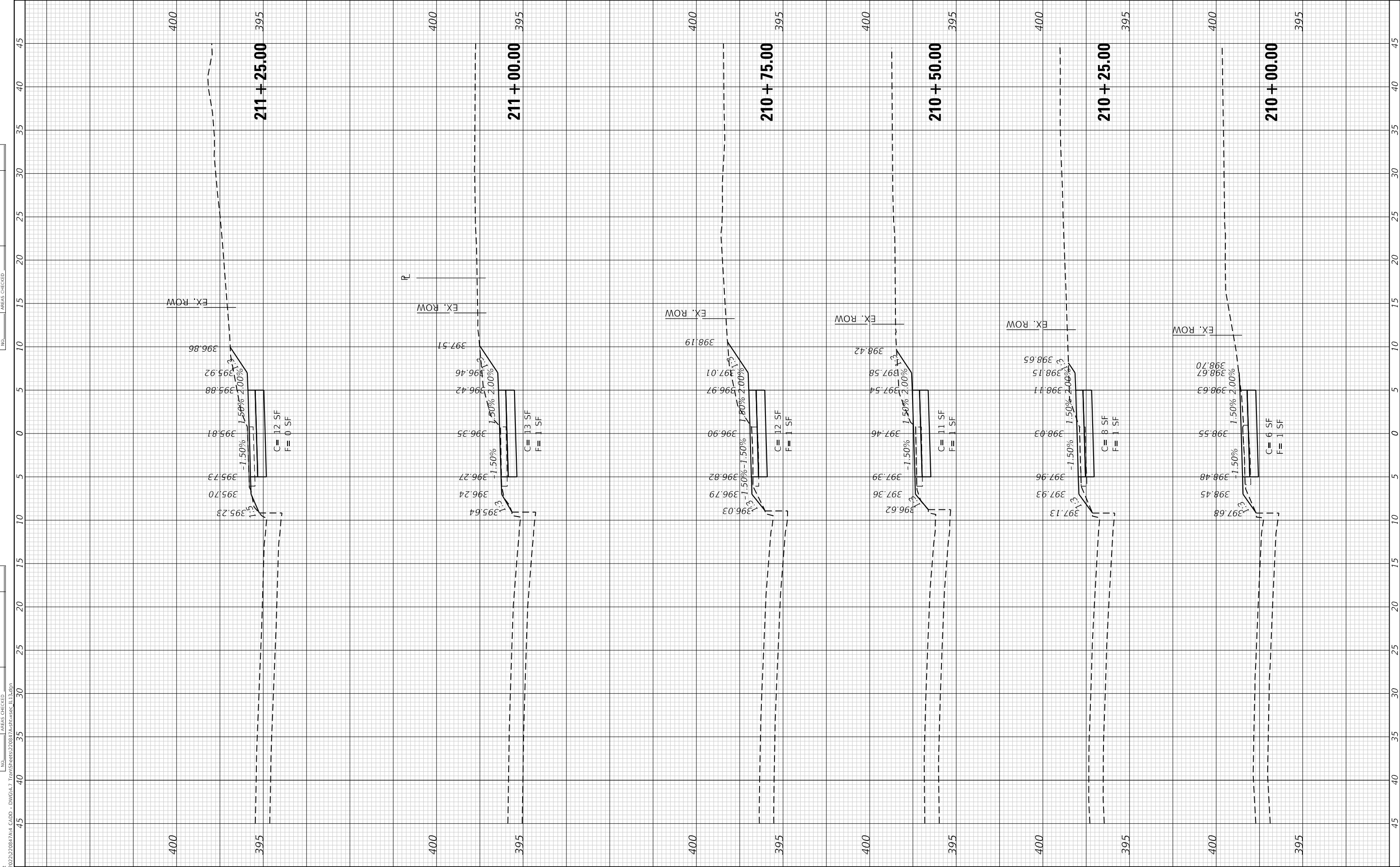
CROSS SECTIONS
PILES FORK GREENWAY (ALONG WALNUT ST.)

SCALE: 1"=5'	SHEET 7	OF 14 SHEETS	STA. 208+25.00	TO STA. 209+75.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	67
		CONTRACT NO. 99763		
ILLINOIS		FED. AID PROJECT		

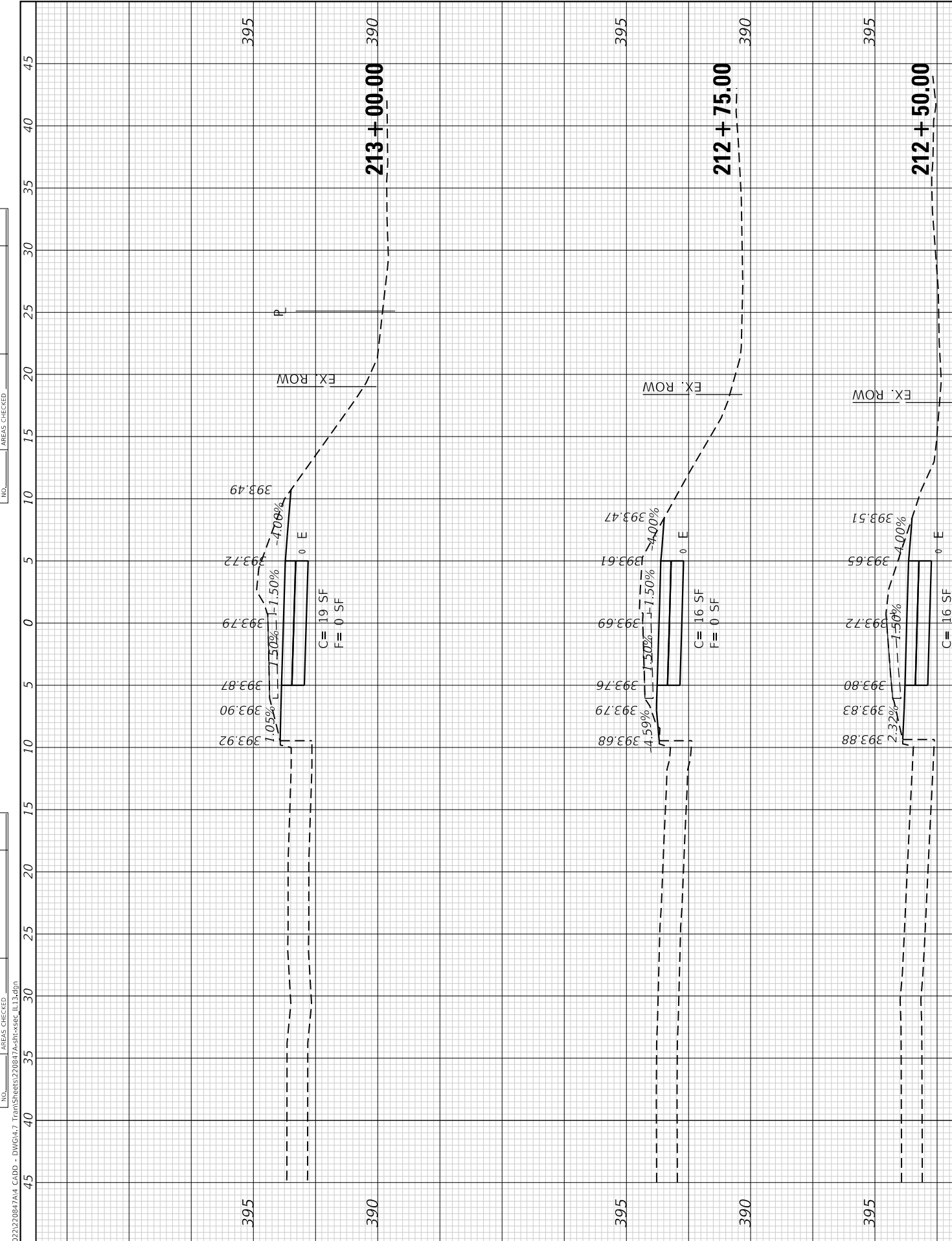
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ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE



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

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



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		PLOT DATE = 10/14/2025		CHECKED -		REVISED -	
				DATE -		REVISED -	
							

CITY OF CARBONDALE

CROSS SECTIONS
PILES FORK GREENWAY (ALONG WALNUT ST.)

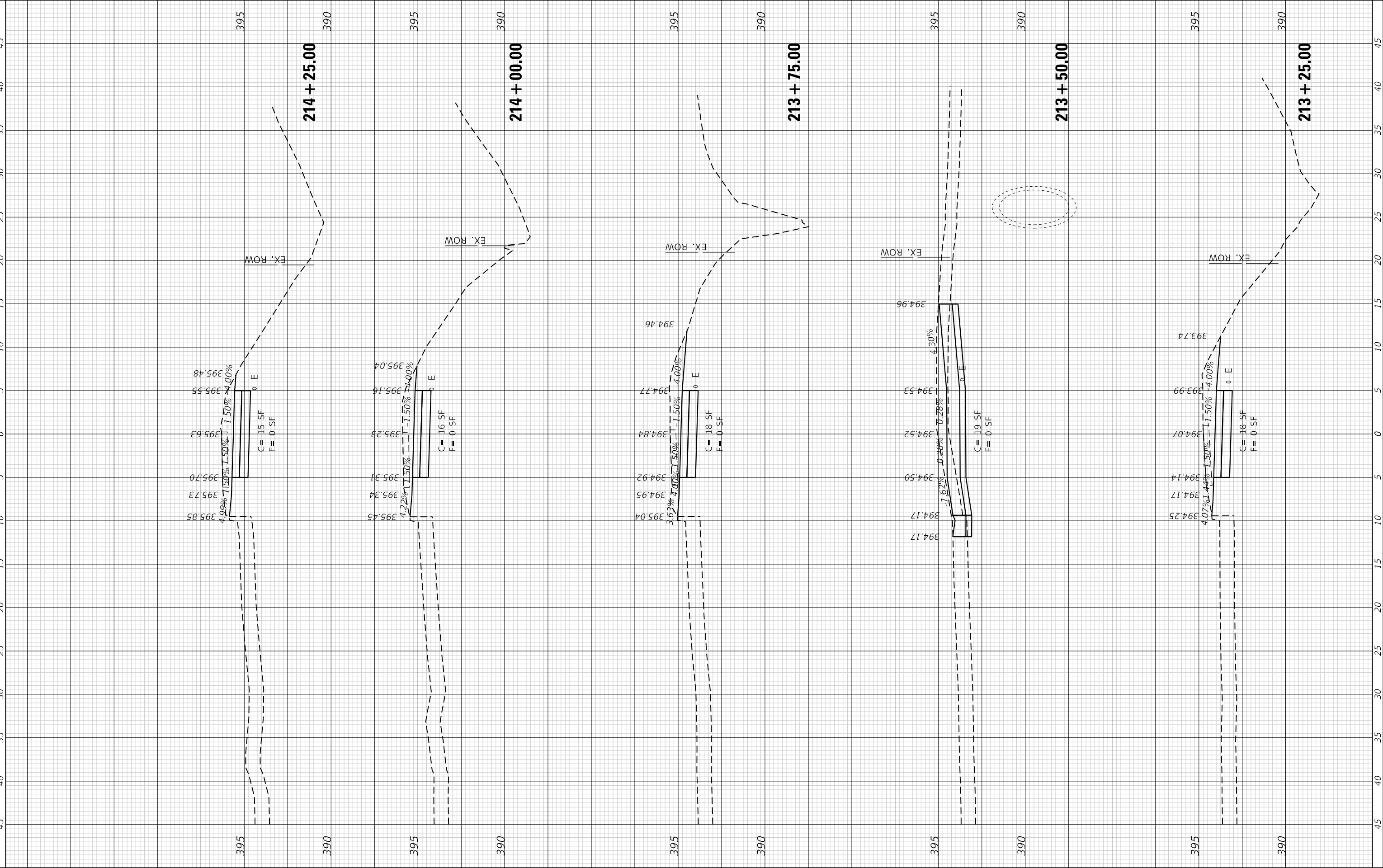
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	69
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				

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

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

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TWM, INC.
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ILLINOIS DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = Inguyen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE -	REVISED -

CITY OF CARBONDALE

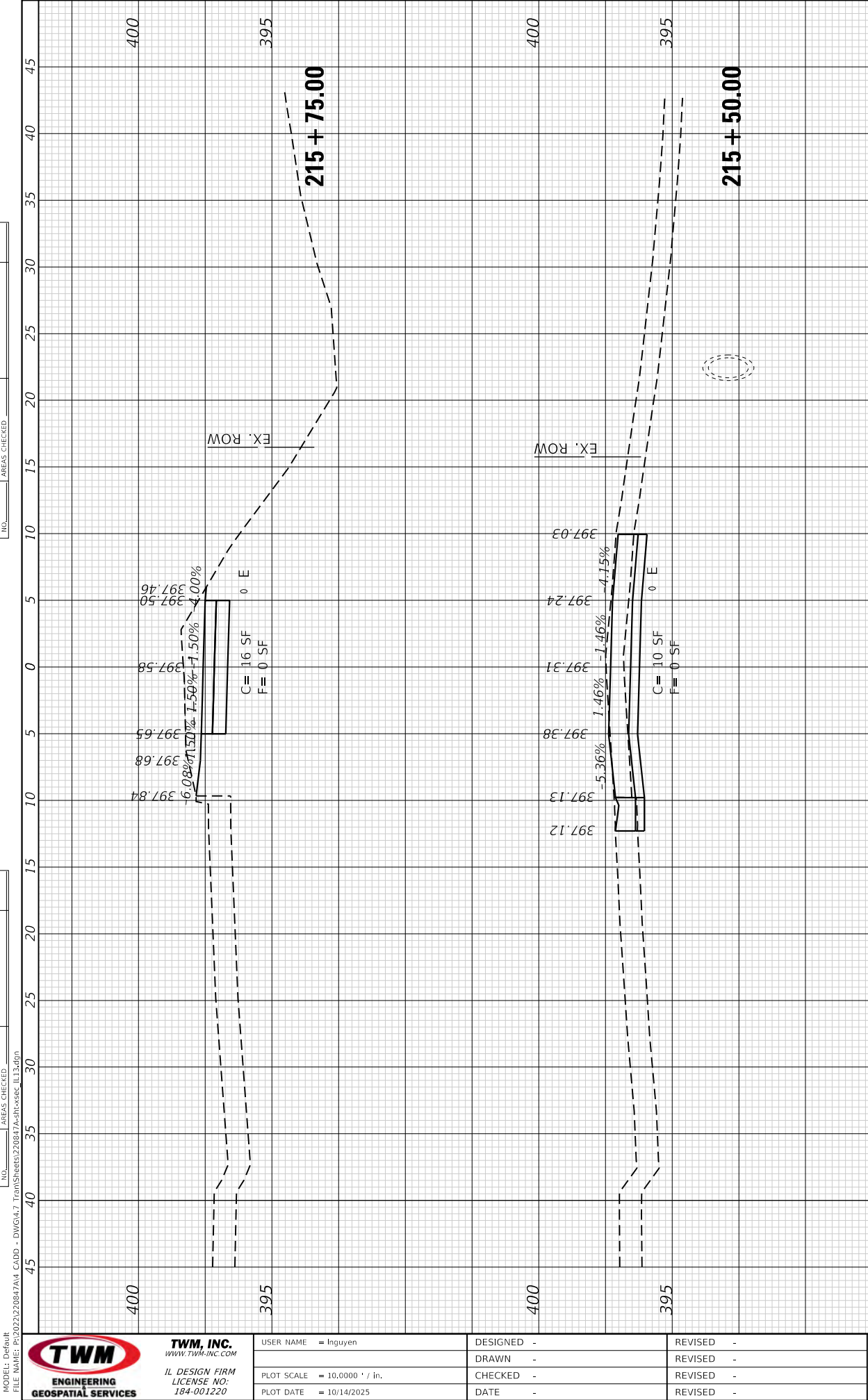
CROSS SECTIONS
PILES FORK GREENWAY (ALONG WALNUT ST.)

SCALE: 1"=5' SHEET 10 OF 14 SHEETS STA. 213+25.00 TO STA. 214+25.00

F.A.P. RTE. 331	SECTION 22-00151-00-BT	COUNTY JACKSON	TOTAL SHEETS 79	SHEET NO. 70
ILLINOIS FED. AID PROJECT				

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

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



CITY OF CARBONDALE

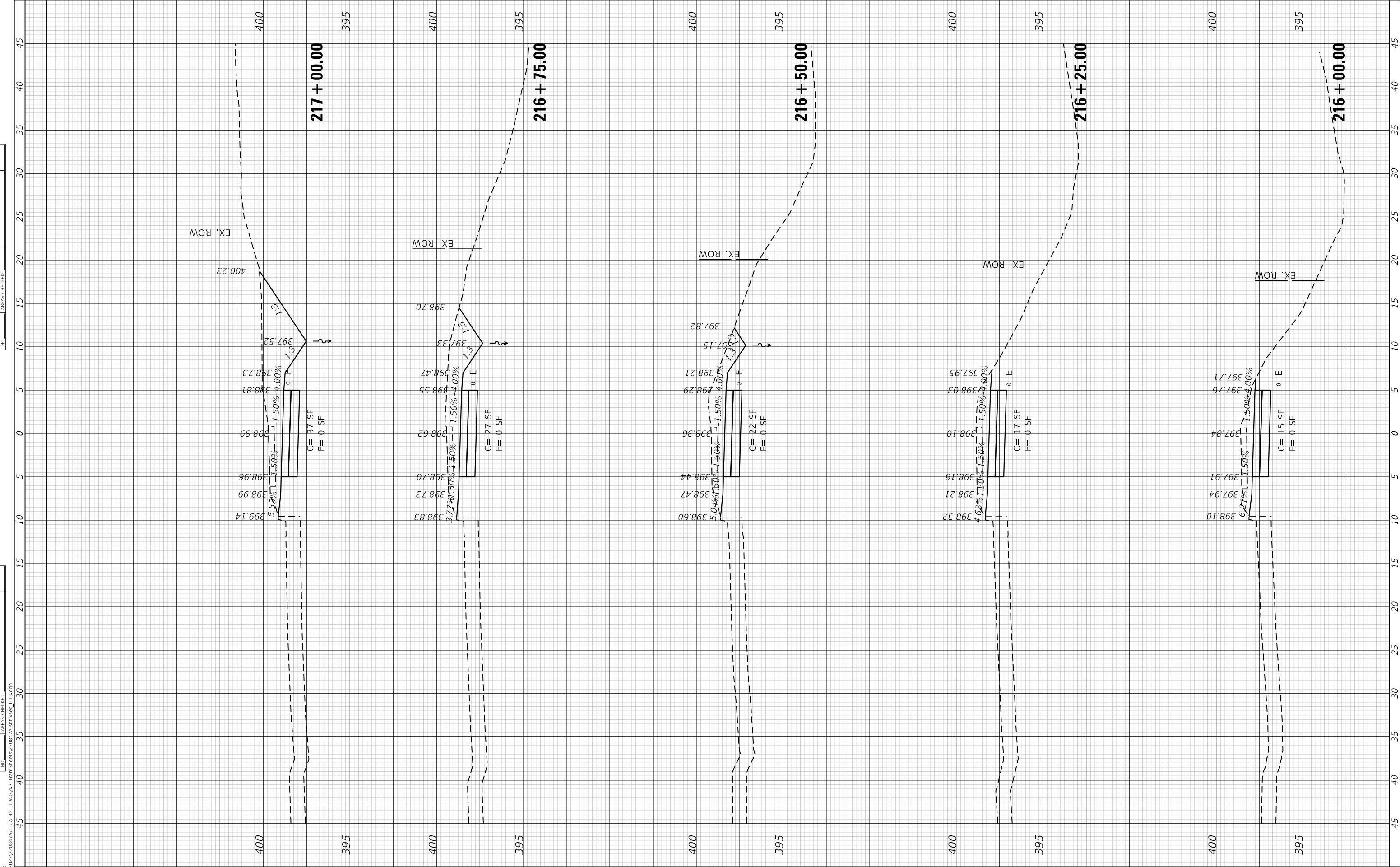
CROSS SECTIONS
PILES FORK GREENWAY (ALONG WALNUT ST.)

SCALE: 1"=5' SHEET 11 OF 14 SHEETS STA. 214+50.00 TO STA. 215+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	71
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				

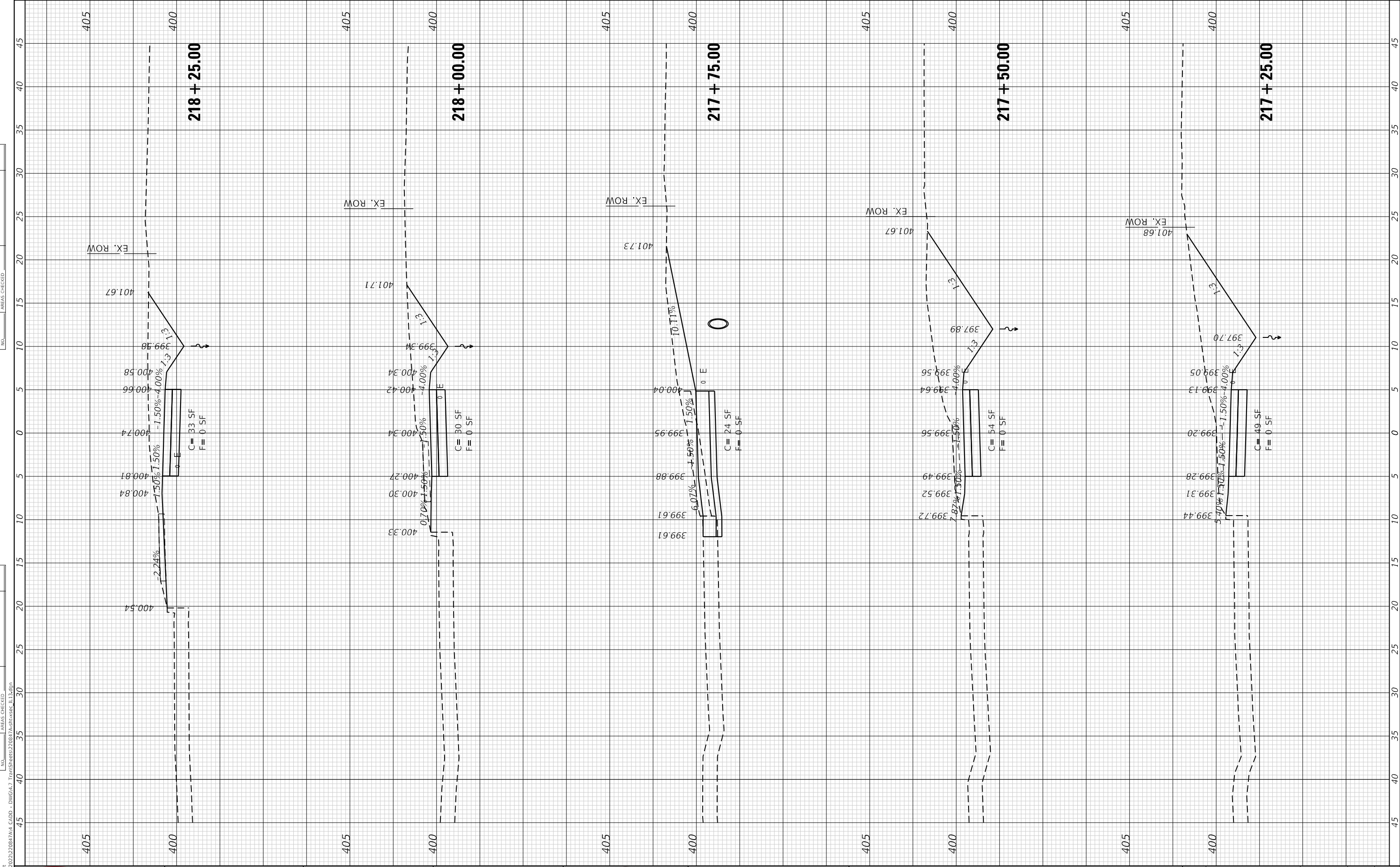
FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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



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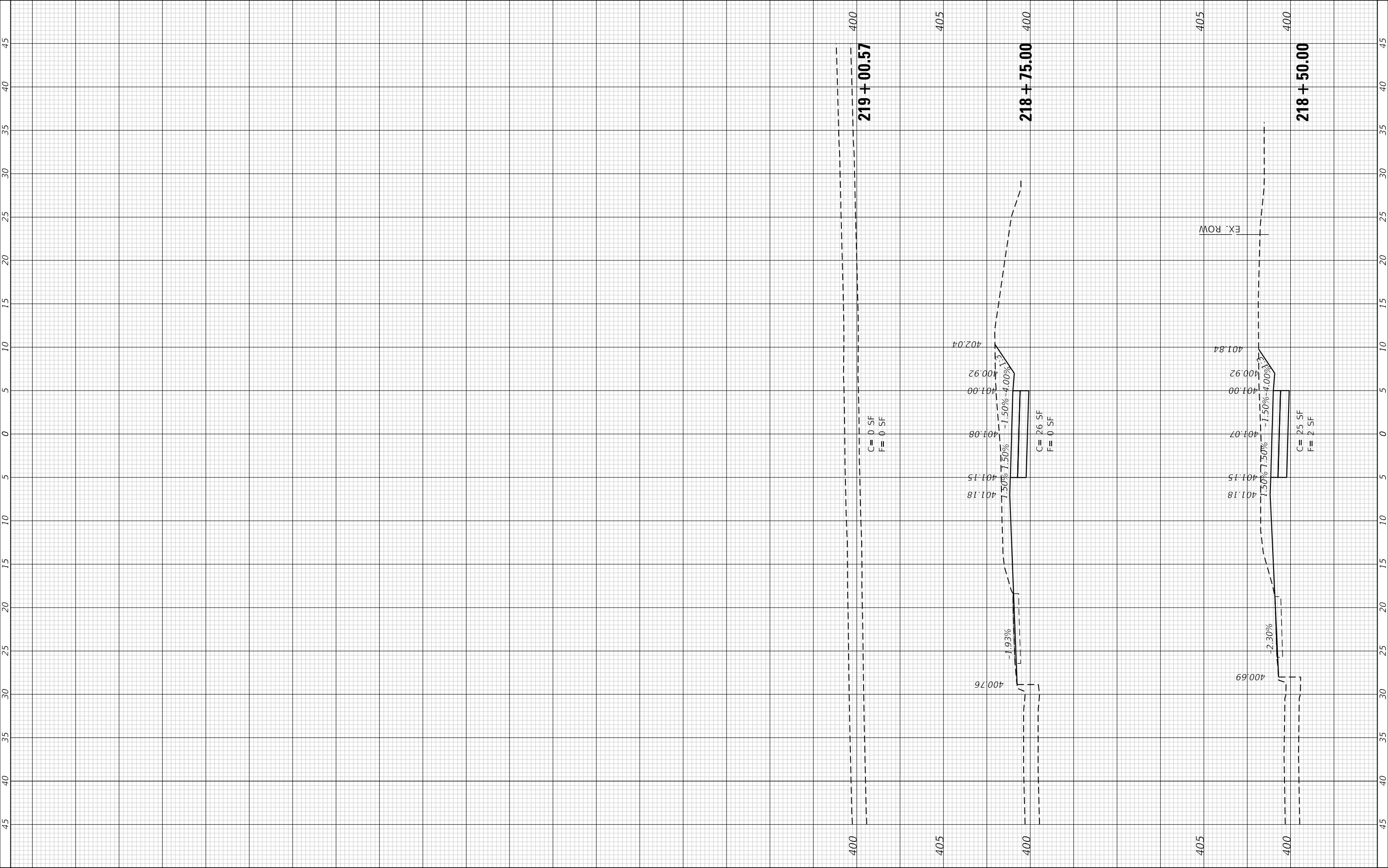
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	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		



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

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

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LICENSE NO:
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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE -	REVISED -

CARBONDALE
All Ways Open

CITY OF CARBONDALE

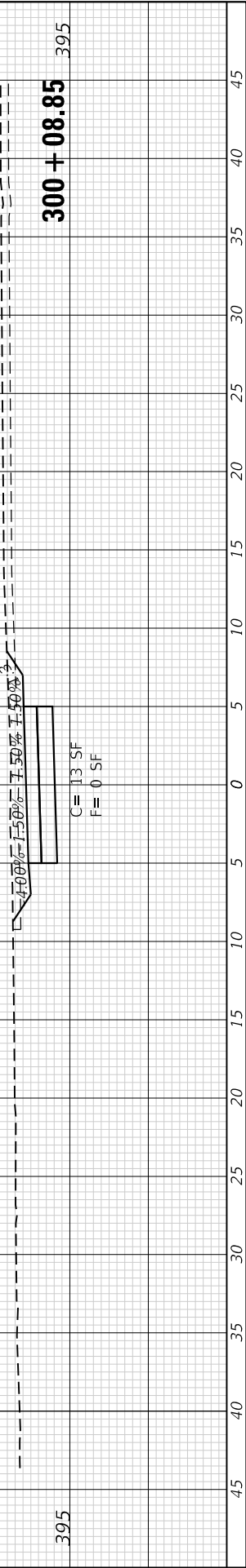
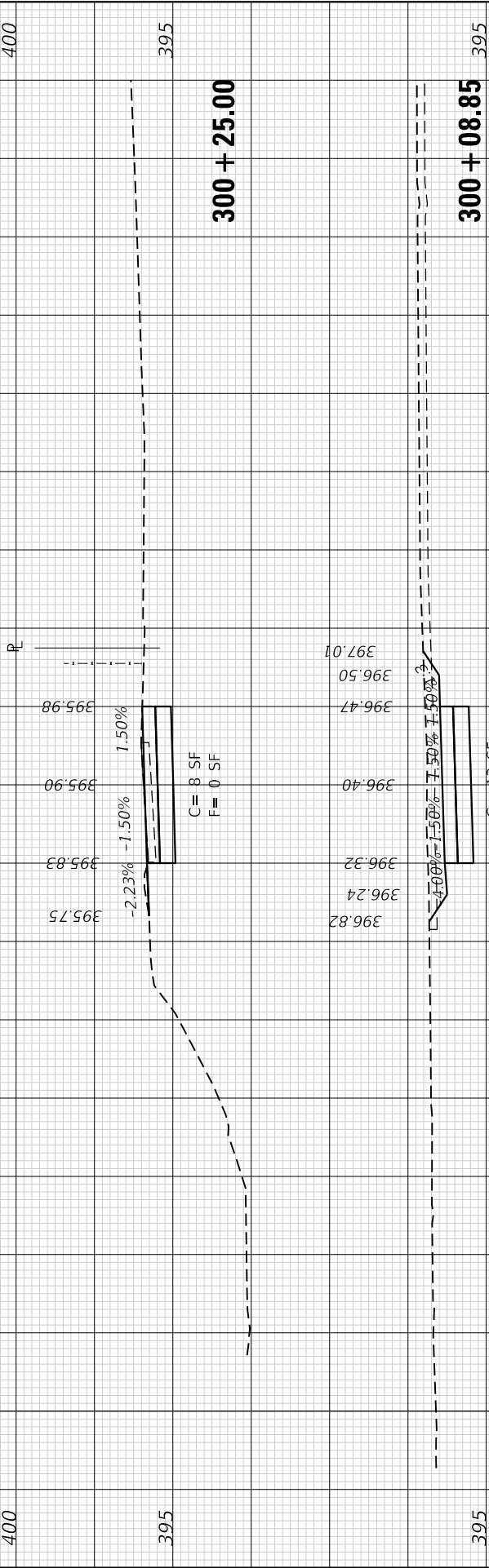
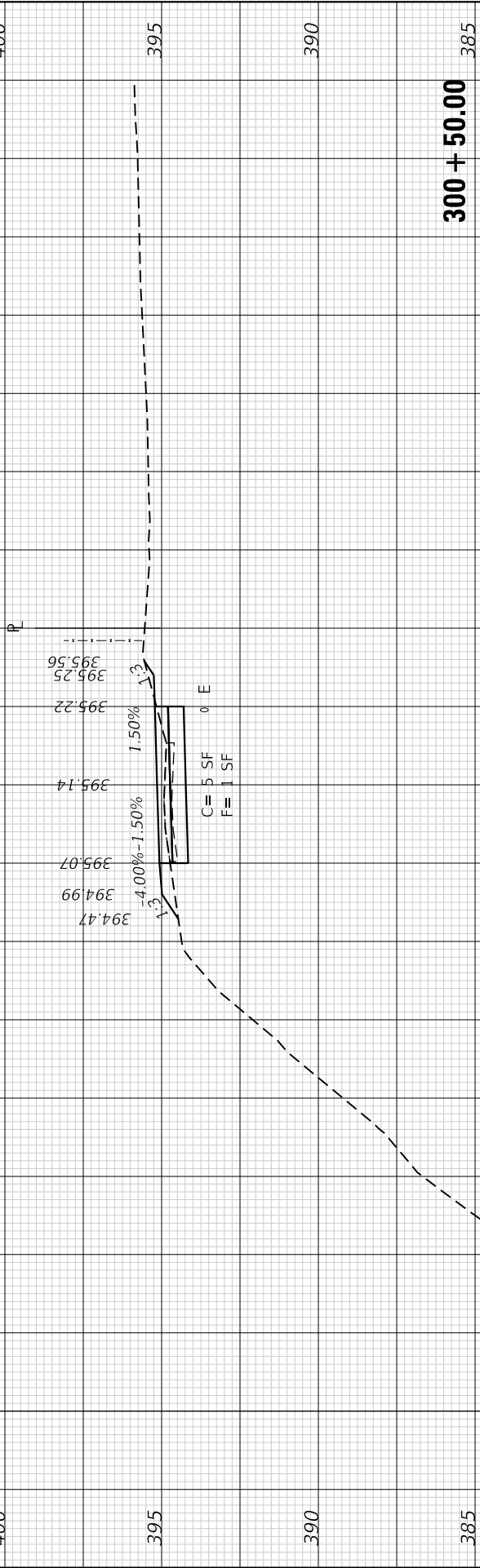
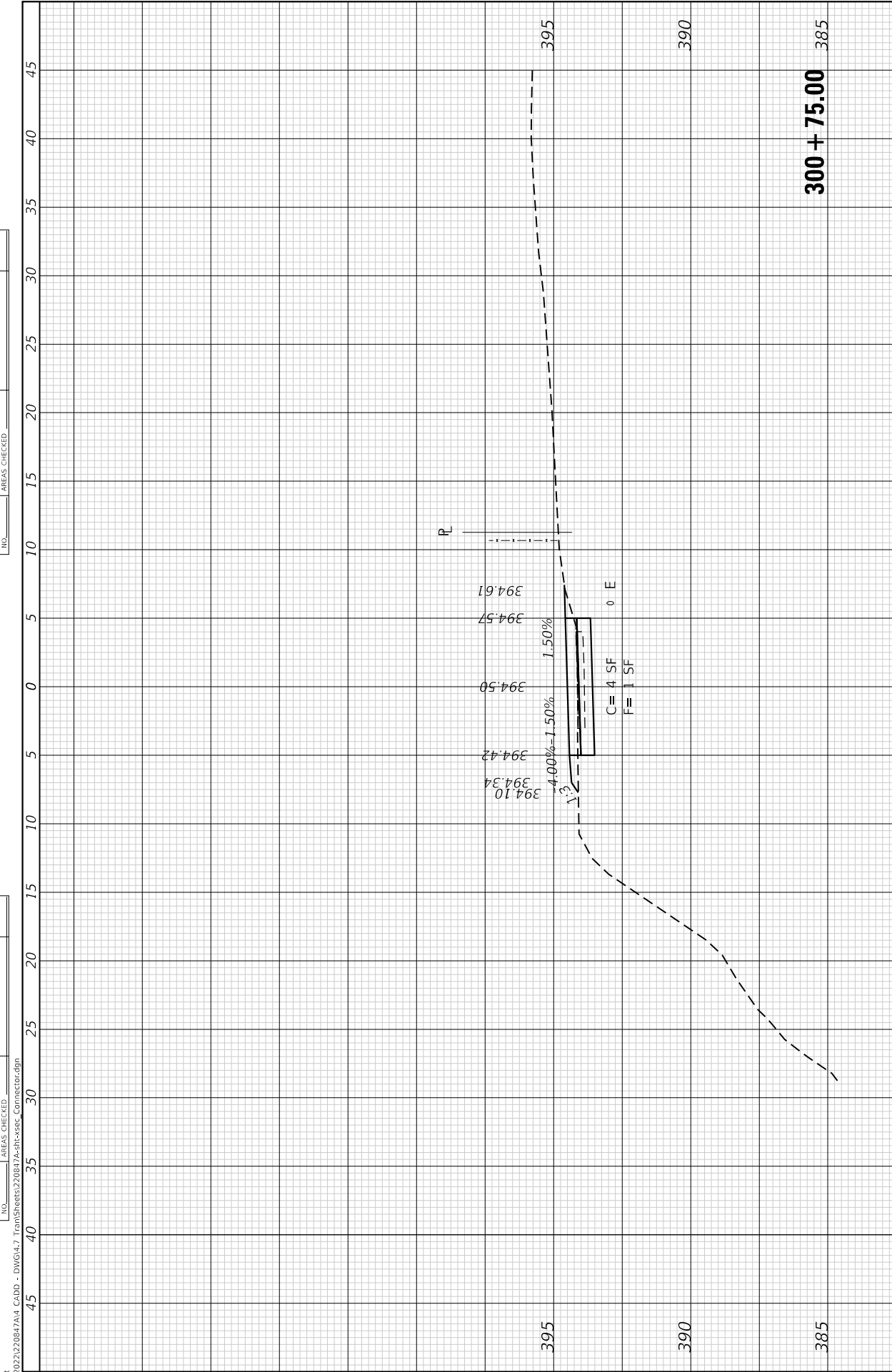
CROSS SECTIONS
PILES FORK GREENWAY (ALONG WALNUT ST.)

SCALE: 1"=5' SHEET 14 OF 14 SHEETS STA. 218+50.00 TO STA. 219+00.57

F.A.P. RTE. 331	SECTION 22-00151-00-BT	COUNTY JACKSON	TOTAL SHEETS 79	SHEET NO. 74
ILLINOIS FED. AID PROJECT			CONTRACT NO. 99763	

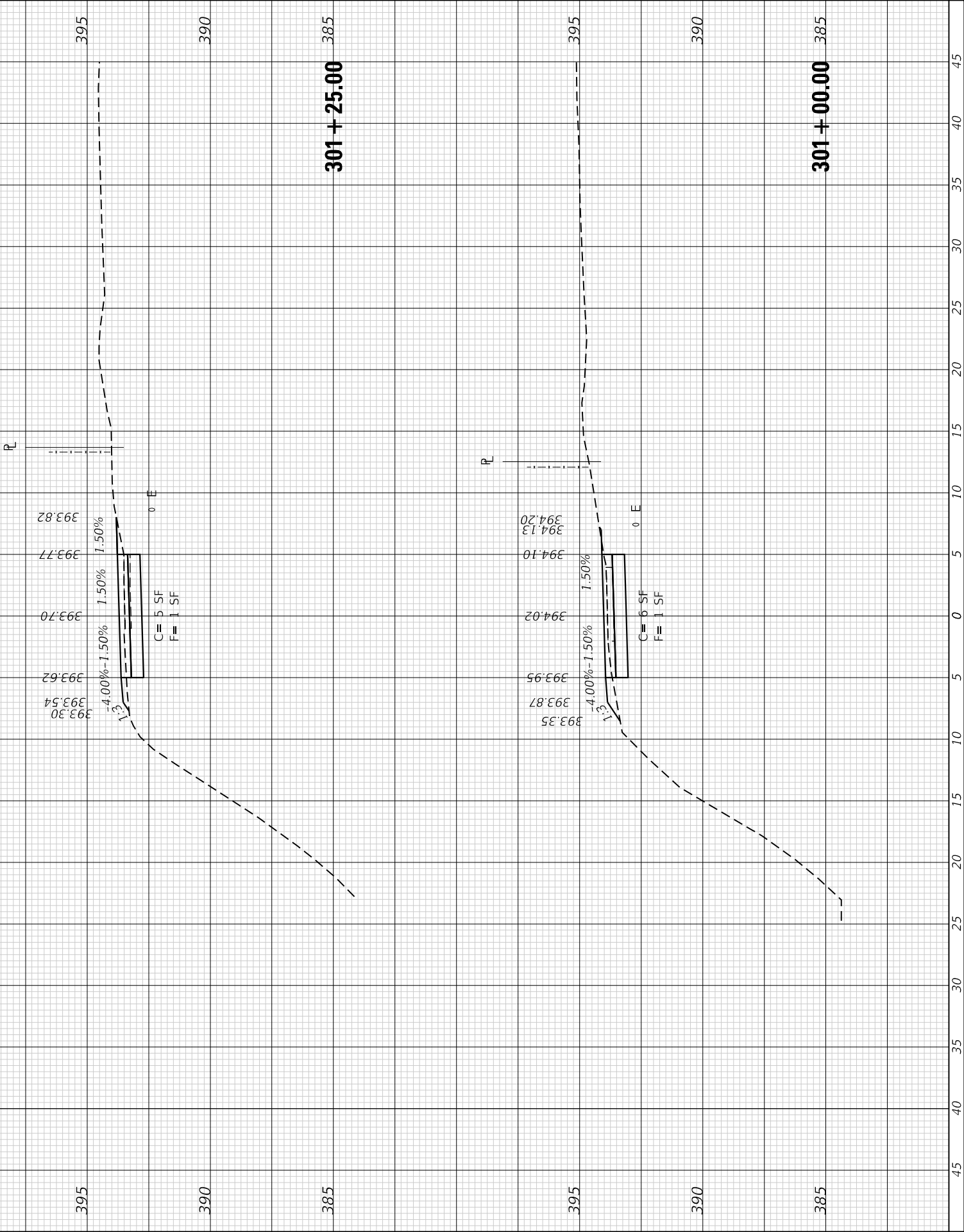
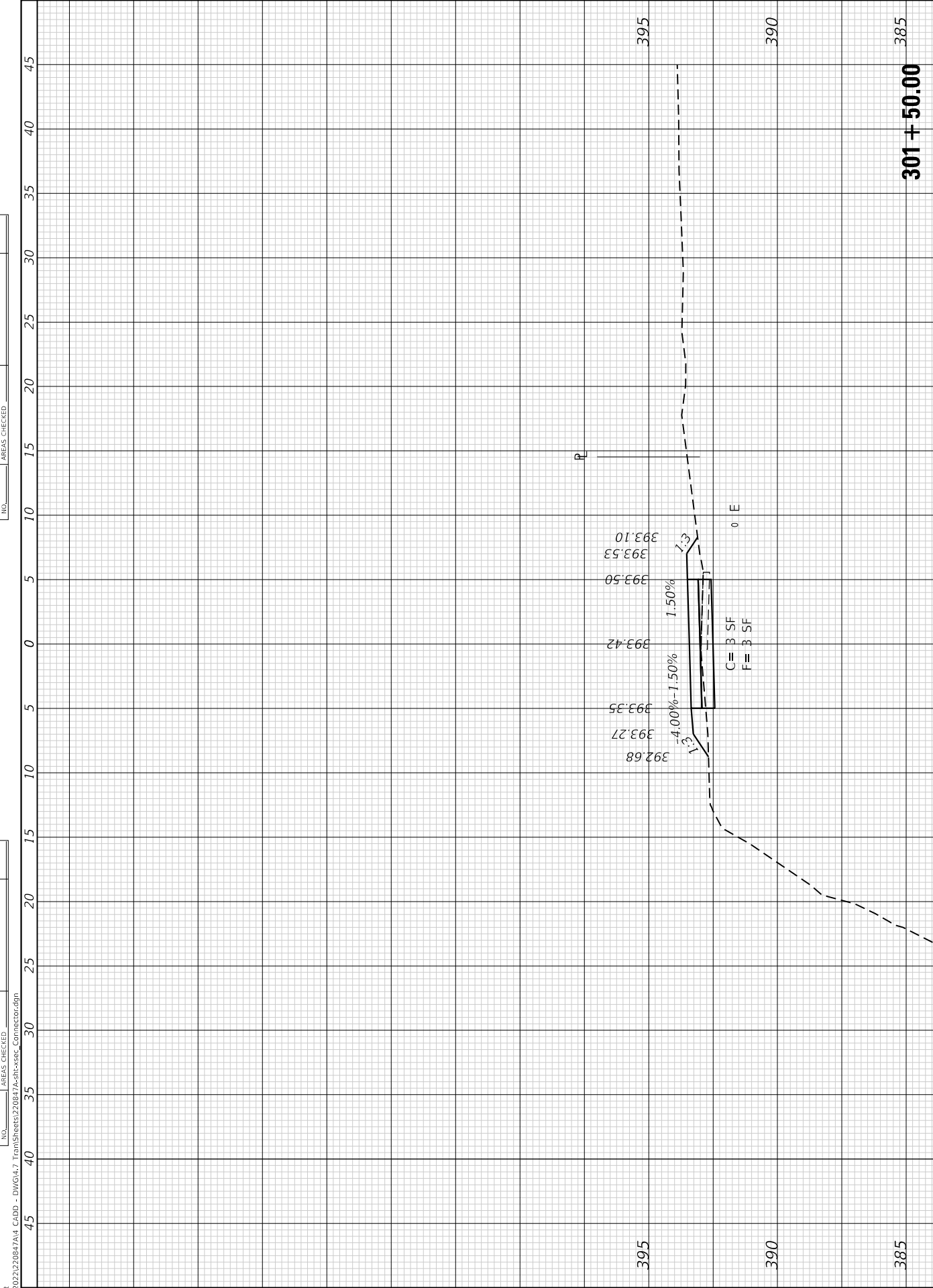
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ORIGINAL SURVEY NO.	NOTE BOOK	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



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

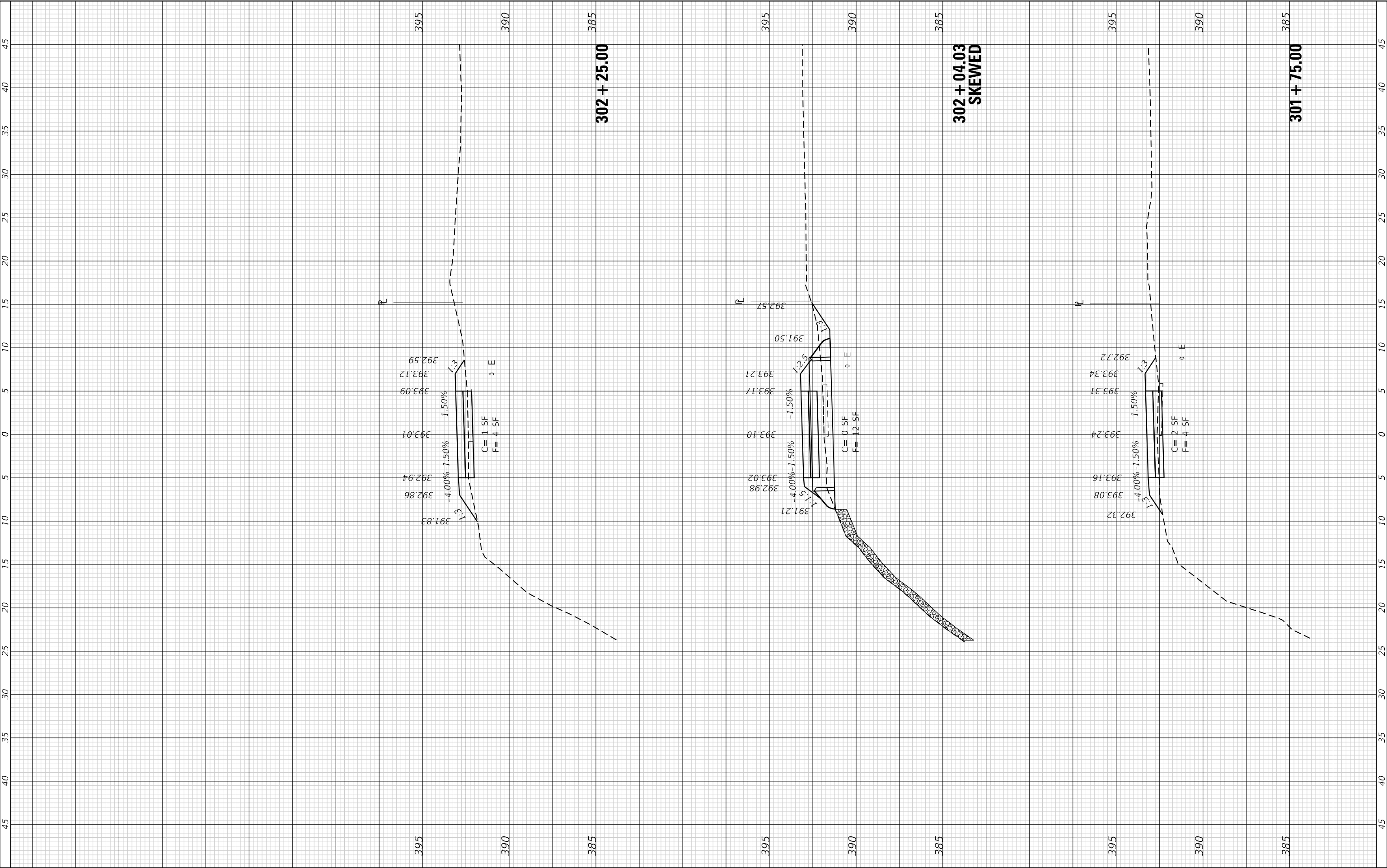
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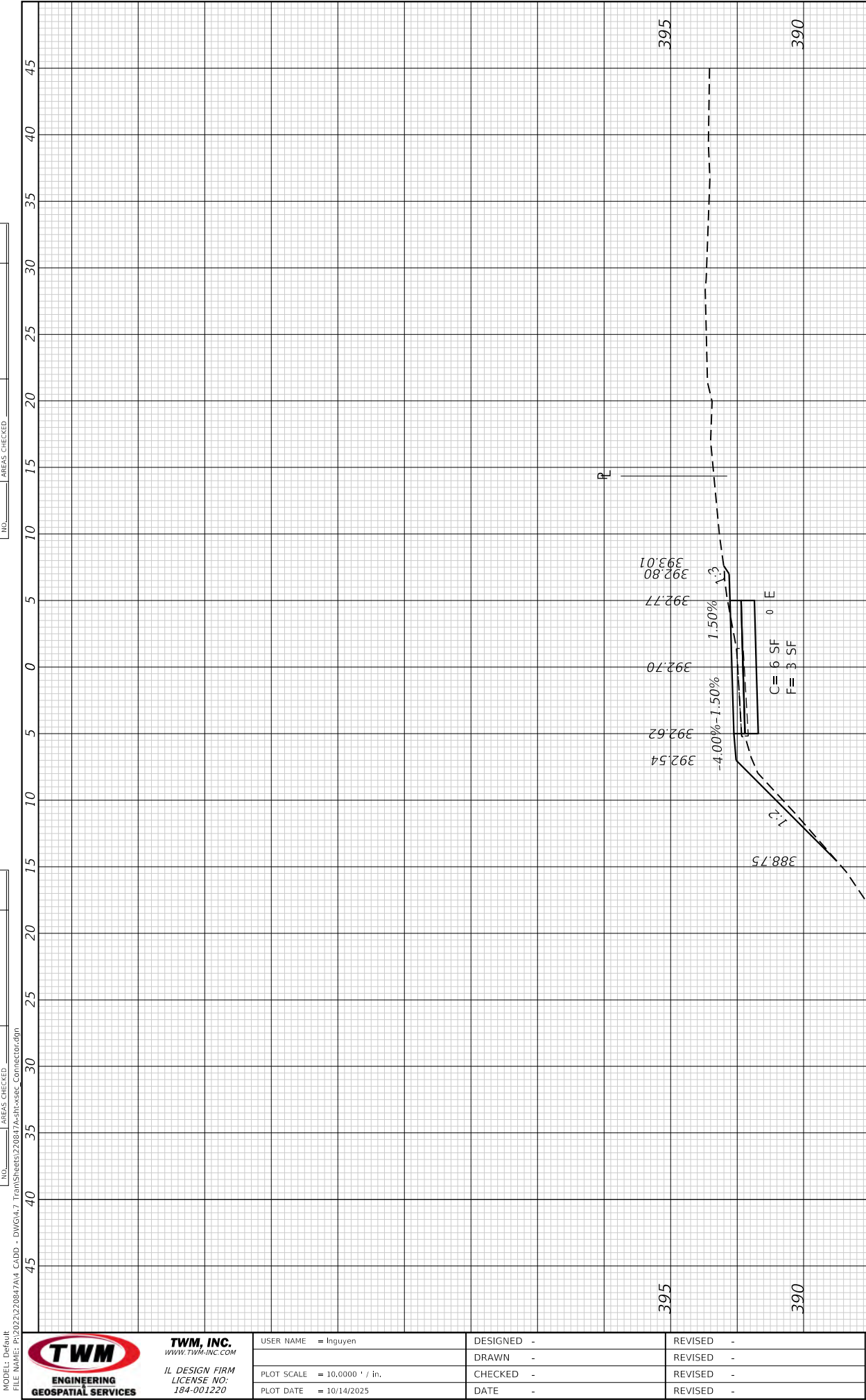
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FINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	PLOTTED TEMPLATE	BY	DATE



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USER NAME = Inguyen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2025	DATE -	REVISED -



CITY OF CARBONDALE

CROSS SECTIONS
WALL ST. CONNECTOR GREENWAY

SCALE: 1"=5'	SHEET 4	OF 5	SHEETS	STA. 302+50.00	TO STA. 303+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	22-00151-00-BT	JACKSON	79	78
CONTRACT NO. 99763				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

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