

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	ILLINOIS	62	1
		CONTRACT NO. 76L96 - CALHOUN & GREENE		

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**PROPOSED
HIGHWAY PLANS**

**F.A.P. ROUTE 761 (IL 108)
SECTION 101RS-LOT-1
PROJECT FBP-COVD-RRQW(402)
KAMPSVILLE FERRY RAMPS AND PARKING LOT
CALHOUN & GREENE COUNTY**

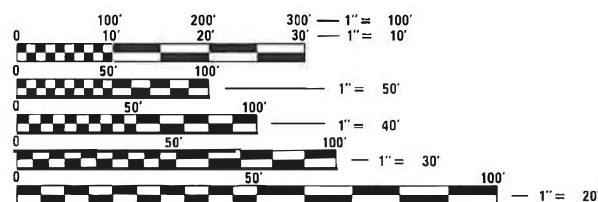
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

C-98-120-20

TRAFFIC DATA

2017 ADT = 600 (ACTUAL)
2018 ADT = 600 (ESTIMATED)
2038 ADT = 750 (ESTIMATED)
SU = 15.0%
MU = 5.0%

**FUNCTIONAL CLASSIFICATION
MINOR ARTERIAL**

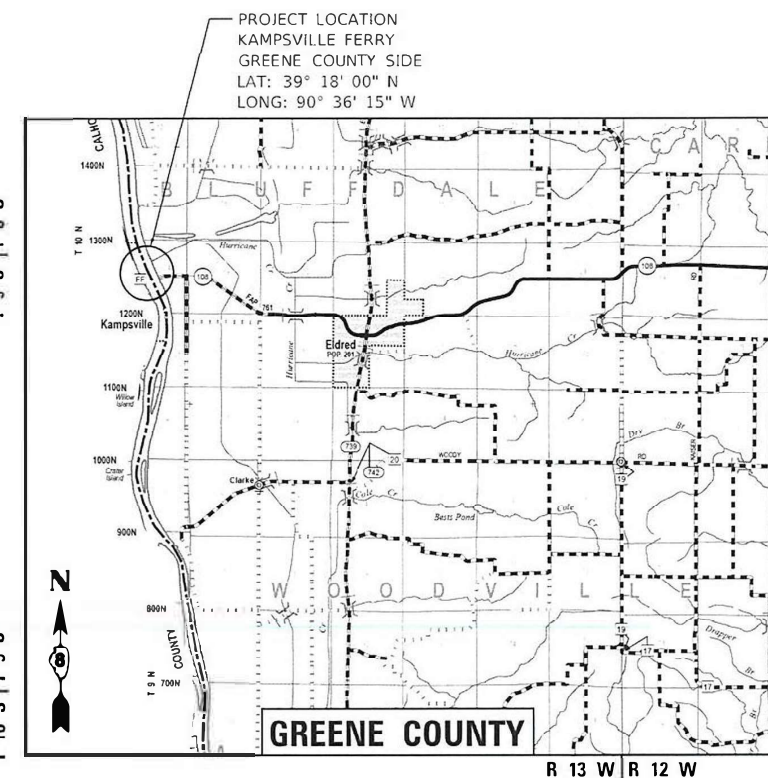
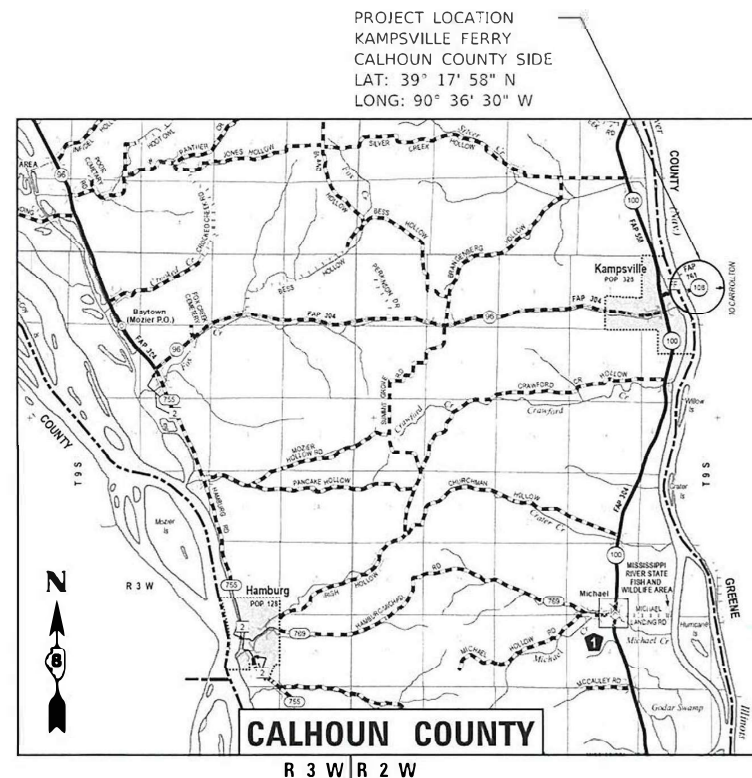


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: TIFFANY BRASE (618)346-3175
PROJECT MANAGER: PHIL FREIMUTH (618)346-3194

CONTRACT NO. 76L96

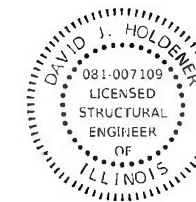


CALHOUN CO. LENGTH = 360.00 FT. = 0.068 MILE
GREENE CO. LENGTH = 333.00 FT. = 0.063 MILE
TOTAL LENGTH = 693.00 FT. = 0.131 MILE

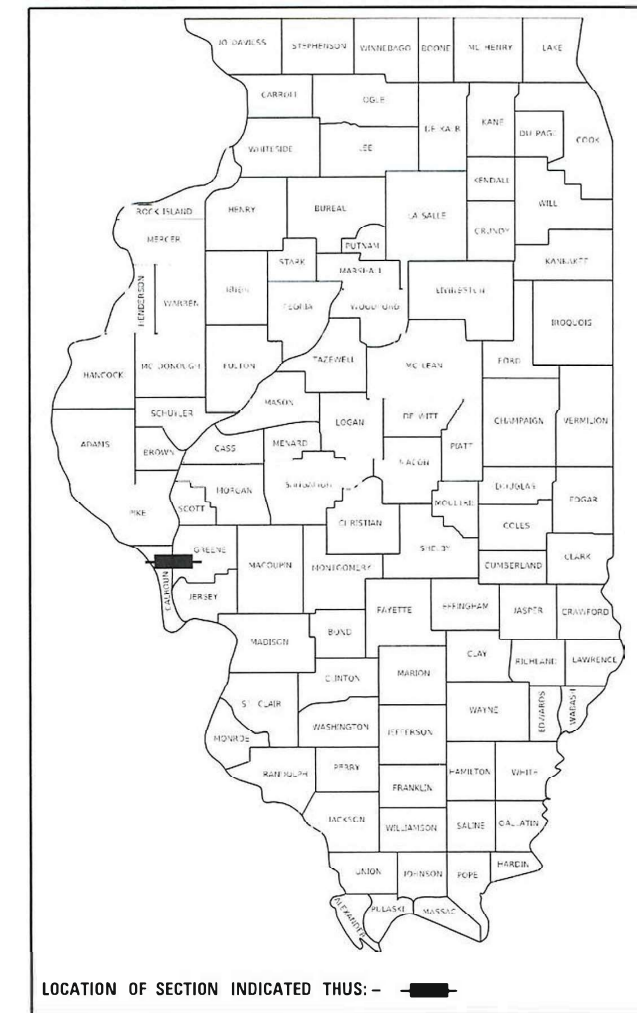
SCALE: 1"=1.3 MILES



Timothy Padgett
TIMOTHY B. PADGETT, PE EXPIRATION DATE
LICENSE NO. 062-049162 11-30-2021
SHEETS: 001-018, 024-026, 044-062



David Holdener
DAVID J. HOLDENER, SE EXPIRATION DATE
LICENSE NO. 081-007109 11-30-2022
SHEETS: 027-041



PLANS PREPARED BY:
TWM ENGINEERING GEOSPATIAL SERVICES
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: 4/30/2021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED *March 15, 2021*
K Padgett
REGIONAL ENGINEER
May 7, 2021
David Holdener
ENGINEER OF DESIGN AND ENVIRONMENT
May 7, 2021
James J. ...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

HIGHWAY STANDARDS

000001 - 08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001 - 02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001 - 07	TEMPORARY EROSION CONTROL SYSTEMS
420001 - 09	PAVEMENT JOINTS
420111 - 04	PCC PAVEMENT ROUNDOUTS
421001 - 03	BAR REINFORCEMENT FOR CRC PAVEMENT
421201 - 07	24' CRC PAVEMENT (WITH LUG SYSTEM)
606101 - 05	TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
701001 - 02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006 - 05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201 - 05	LANE CLOSURE, 2L, 2W, DAY ONLY
701301 - 04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311 - 03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501 - 06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801 - 06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901 - 08	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
821101 - 02	LUMINAIRE WIRING IN POLE
830001 - 03	LIGHT POLE ALUMINUM MAST ARM
836001 - 04	LIGHT POLE FOUNDATION
838001 - 01	BREAKAWAY DEVICES
BLR21 - 9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

GENERAL NOTES

- IF ANY SECTION OR SUB-SECTION MONUMENT (I.E. STONE, BRASS PLUG, ALUMINUM DISK, IRON PIPE OR PIN, MAG NAIL, CROSS, ETC.), IS ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENT IS REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE THE MONUMENT IN PLACE UNTIL AN ILLINOIS PROFESSIONAL LAND SURVEYOR WITH A DEPARTMENT PREQUALIFICATION IN "SPECIAL SERVICES-SURVEYING" HAS REFERENCED ITS LOCATION.
- ANY MONUMENT OR PROPERTY CORNER TO BE SET SHALL BE SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR WITH A DEPARTMENT PREQUALIFICATION IN "SPECIAL SERVICES-SURVEYING".
- ALL ELEVATIONS ARE NAVD 88.
- WATER SURFACE ELEVATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND WILL FLUCTUATE. WATER SURFACE ELEVATIONS SHOULD BE OBSERVED DAILY TO DETERMINE THE IMPACTS TO THE PROJECT.
- UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

AMEREN ILLINOIS - GAS & ELECTRIC
FRONTIER COMMUNICATIONS - COMMUNICATIONS
VILLAGE OF KAMPSVILLE - WATER & SANITARY SEWER
- CHANGEABLE MESSAGE SIGNS SHALL BE ERECTED 14 DAYS IN ADVANCE OF THE FERRY CLOSURE AND DURING THE 18-DAY CLOSURE. SEE DETOUR ROUTE PLAN SHEET.
- EXCEPT FOR THE KAMPSVILLE FERRY CLOSURE INCLUDED IN THIS PROJECT, NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- THE CONTRACTOR SHALL ORGANIZE THE WORK IN THIS PROJECT TO AVOID A DROP-OFF GREATER THAN 12 INCHES WITHIN 8 FOOT OF THE EDGE OF THE NEAREST OPEN TRAFFIC LANE.
- THE PRIVATE ENTRANCE AT STA. 100+97.45 LT IN GREENE COUNTY WILL BE CLOSED DURING THE FERRY CLOSURE WITH NO ACCESS PROVIDED. THE ENGINEER SHALL NOTIFY THIS PROPERTY OWNER OF THE ACCESS RESTRICTION SEVEN (7) DAYS PRIOR TO THE FERRY CLOSURE:

SAM MARTIN
SAM MARTIN AND ASSOCIATES
WATSEKA, IL
815-432-6100

COMMITMENTS

- PRIOR TO ANY WORK AT THE ADA PARKING LOCATION NEAR THE FERRY OFFICE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND FERRY OPERATIONS SEVEN (7) DAYS PRIOR TO THE WORK. THE CONTACT PERSON FOR THE FERRY OPERATIONS IS CRAIG POETTKER (618-346-3179).
- TWO WEEKS PRIOR TO FERRY CLOSURES, THE ENGINEER SHALL INFORM THE FOLLOWING LOCAL ENTITIES OF THE PLANNED FERRY CLOSURE DATES .

VILLAGE OF KAMPSVILLE (618) 653-4421
CALHOUN COUNTY (618) 576-2600
GREENE COUNTY (217) 942-6941

MIXTURE REQUIREMENTS

MIXTURE USE	SURFACE	BINDER	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 9.5
FRICTION AGG	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA	QC/QA

PLAN QUANTITIES FOR BITUMINOUS CONCRETE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB / SQ YD / INCH

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PLOT DATE = 3/5/2021	CHECKED = JWS	REVISED =
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS, GENERAL NOTES, & COMMITMENTS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	2
			CONTRACT NO. 76L96	
			ILLINOIS FED. AID PROJECT	

* CALHOUN & GREENE

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	80% FED 20% STATE	100% FEDERAL
				CONSTRUCTION CODE	CONSTRUCTION CODE
				FERRY BOAT FUNDS	COVID SUPP FUNDS
				0044	0044
RURAL	RURAL				
CALHOUN COUNTY	GREENE COUNTY				
20200100	EARTH EXCAVATION	CU YD	2630	2510	120
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	10	9	1
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	10	9	1
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	10	9	1
25100115	MULCH, METHOD 2	ACRE	0.25	0.20	0.05
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	20	17	3
28000305	TEMPORARY DITCH CHECKS	FOOT	18	18	
28000400	PERIMETER EROSION BARRIER	FOOT	1284	686	598
28000500	INLET AND PIPE PROTECTION	EACH	1	1	
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	68	68	
31100700	SUBBASE GRANULAR MATERIAL, TYPE A 8"	SQ YD	4862	4862	
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	408	240	168
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	62	27	35
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	51	51	

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	DATE - 03/2021	REVISED +

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	3
CONTRACT NO. 76L96			ILLINOIS FED. AID PROJECT	

* CALHOUN & GREENE

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	80% FED 20% STATE	100% FEDERAL
				CONSTRUCTION CODE	CONSTRUCTION CODE
				FERRY BOAT FUNDS	COVID SUPP FUNDS
				0044	0044
RURAL	RURAL				
CALHOUN COUNTY	GREENE COUNTY				
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	10745	10745	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1605	1605	
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	535	535	
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	2257	2236	21
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	94	88	6
42100615	PAVEMENT REINFORCEMENT	SQ YD	1838	967	871
42101300	PROTECTIVE COAT	SQ YD	2606	1422	1184
42101432	LUG SYSTEM COMPLETE 32'	EACH	2	1	1
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	142	142	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	597	597	
44000100	PAVEMENT REMOVAL	SQ YD	1380	960	420
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	224	184	40
44000600	SIDEWALK REMOVAL	SQ FT	662	662	
44004250	PAVED SHOULDER REMOVAL	SQ YD	362	362	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	4
CONTRACT NO. 76L96			ILLINOIS FED. AID PROJECT	

* CALHOUN & GREENE

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	80% FED 20% STATE	100% FEDERAL
				CONSTRUCTION CODE	CONSTRUCTION CODE
				FERRY BOAT FUNDS	COVID SUPP FUNDS
				0044	0044
RURAL	RURAL				
CALHOUN COUNTY	GREENE COUNTY				
48100100	AGGREGATE SHOULDERS, TYPE A	TON	100	61	39
50105220	PIPE CULVERT REMOVAL	FOOT	8	8	
50200100	STRUCTURE EXCAVATION	CU YD	224	112	112
50300225	CONCRETE STRUCTURES	CU YD	75.0	37.5	37.5
50500505	STUD SHEAR CONNECTORS	EACH	184	92	92
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	121140	60570	60570
51201610	FURNISHING STEEL PILES HP12X63	FOOT	1151	355	796
51202305	DRIVING PILES	FOOT	1151	355	796
51203610	TEST PILE STEEL HP12X63	EACH	2	1	1
51204650	PILE SHOES	EACH	24	12	12
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1	
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	4.4	4.4	
60602500	CONCRETE GUTTER, TYPE A	FOOT	187	187	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	3

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	5
CONTRACT NO. 76L96			ILLINOIS FED. AID PROJECT	

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* CALHOUN & GREENE

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	80% FED 20% STATE		100% FEDERAL	
				CONSTRUCTION CODE	CONSTRUCTION CODE	FERRY BOAT FUNDS	COVID SUPP FUNDS
				0044	0044		
				RURAL	RURAL	CALHOUN COUNTY	GREENE COUNTY
67100100	MOBILIZATION	L SUM	1		0.5		0.5
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		0.5		0.5
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		0.5		0.5
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		0.5		0.5
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	32		16		16
* 72000100	SIGN PANEL - TYPE 1	SQ FT	5		5		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	16		16		
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	2722		1390		1332
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	80		80		
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	74		62		12
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1		
* 81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	80		80		
* 81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	1910		1910		
* 81800240	AERIAL CABLE, 2-1/C NO. 8 WITH MESSENGER WIRE	FOOT	110				110

* SPECIALTY ITEM

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 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 4 OF 6 SHEETS STA. TO STA.

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				CONSTRUCTION CODE	CONSTRUCTION CODE	FERRY BOAT FUNDS	COVID SUPP FUNDS
				0044	0044		
				RURAL	RURAL	CALHOUN COUNTY	GREENE COUNTY
* 82110005	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E	EACH	2				2
* 82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	11	9			2
* 82500430	LIGHTING CONTROLLER, WALL MOUNTED, 240VOLT, 100AMP	EACH	1	1			
* 83009600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	EACH	7	7			
* 83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6'	EACH	8	8			
* 83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	8	8			
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	10	6			4
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5			0.5
Z0016702	DETOUR SIGNING	L SUM	1	0.5			0.5
* Z0054517	ROCK FILL - FOUNDATION	TON	269	220			49
K1005421	SEEDING (SPECIAL)	ACRE	0.25	0.20			0.05
X0200007	CONTINUOUSLY REINFORCED HIGH-EARLY- STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 12"	SQ YD	1838	967			871
X0327108	RELOCATE FERRY DOCKS	EACH	2	1			1
X0900083	PERMANENT STEEL SHEET PILING, SPECIAL	SQ FT	13063	5571			7492

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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				FERRY BOAT FUNDS	COVID SUPP FUNDS
				0044	0044
RURAL	RURAL				
CALHOUN COUNTY	GREENE COUNTY				
X0900084	CONCRETE SUPERSTRUCTURE (APPROACH SLAB), SPECIAL	CU YD	288.0	144.0	144.0
X2810808	STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)	TON	1038	207	831
X3112900	SUBBASE GRANULAR MATERIAL (SPECIAL)	CU YD	54	27	27
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	532		532
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	0.5	0.5
* X8570100	DISCONNECT SWITCH	EACH	1	1	
X0900093	TEMPORARY WATER RETENTION SYSTEM, SPECIAL	EACH	2	1	1
X0324001	REMOVE WOOD POLE, NO SALVAGE	EACH	1		1
* 83009601	LIGHT POLE, ALUMINUM, 45 FT. M.H., 12 FT. MAST ARM - TWIN	EACH	1	1	

* SPECIALTY ITEM

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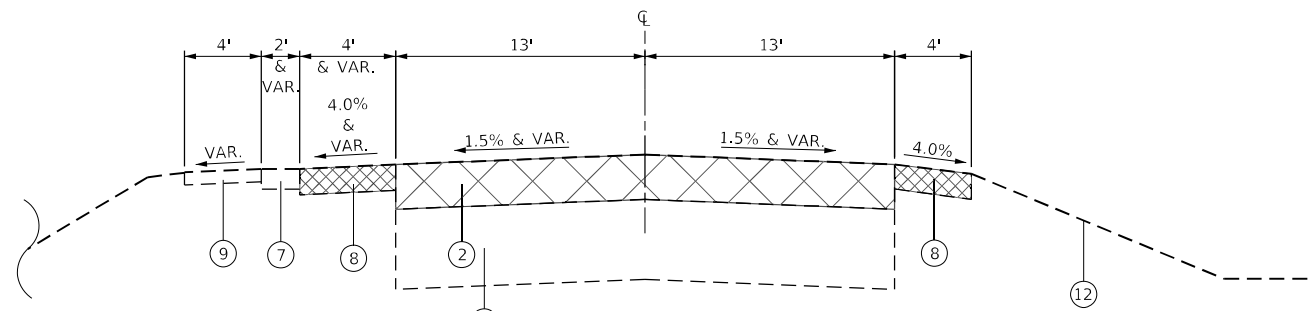
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

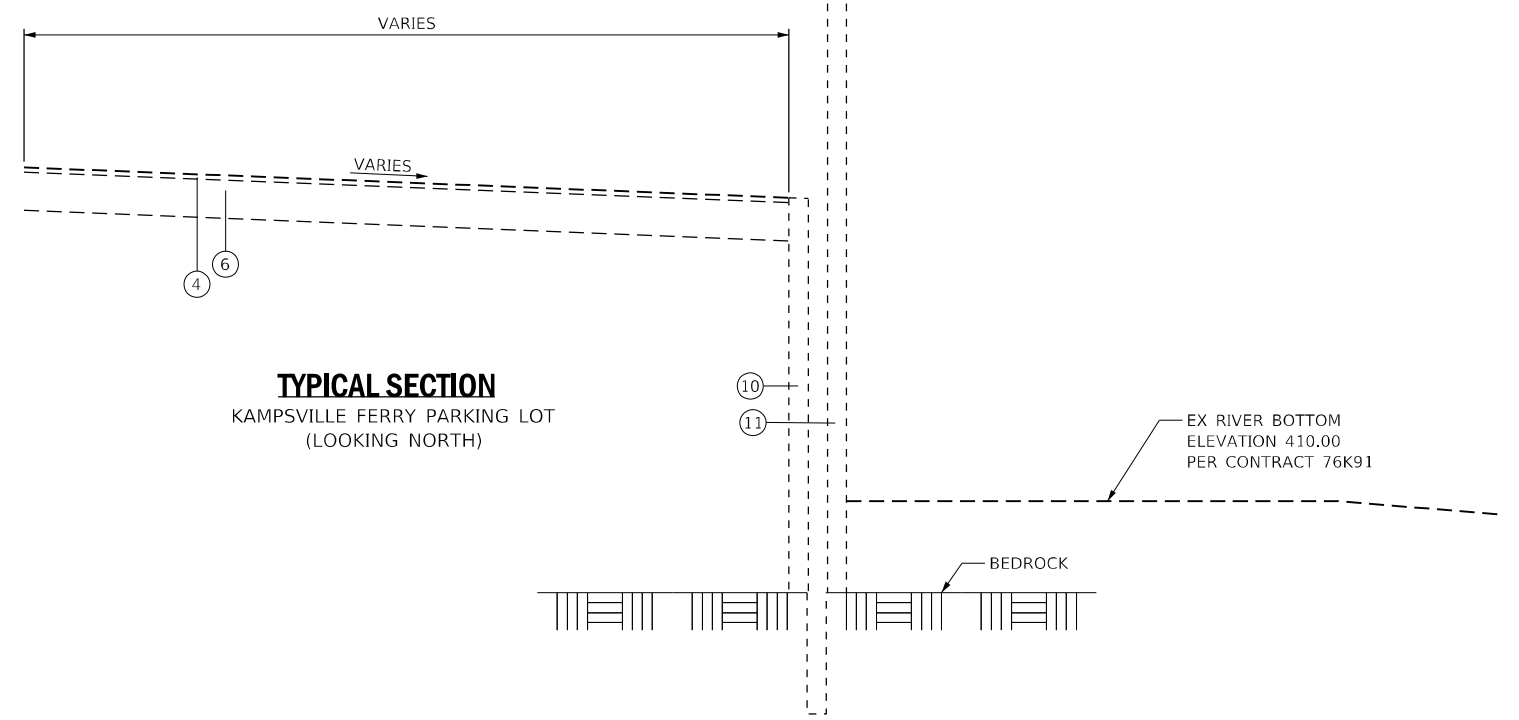
SCALE: N.T.S. SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	8
CONTRACT NO. 76L96			ILLINOIS FED. AID PROJECT	

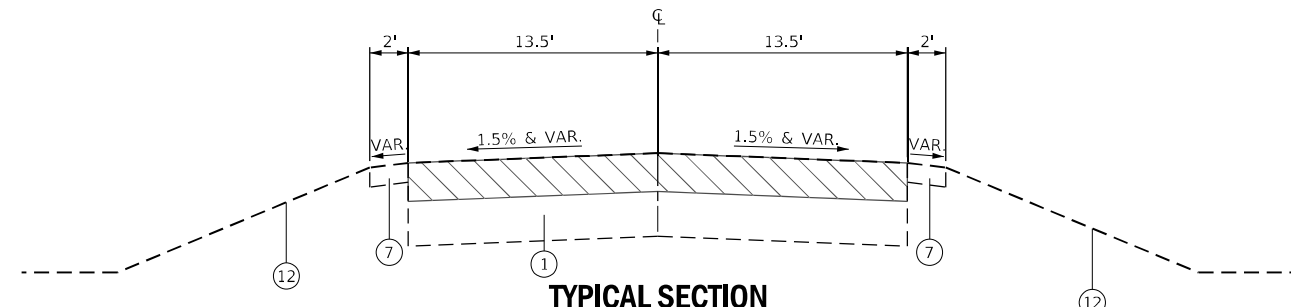
* CALHOUN & GREENE



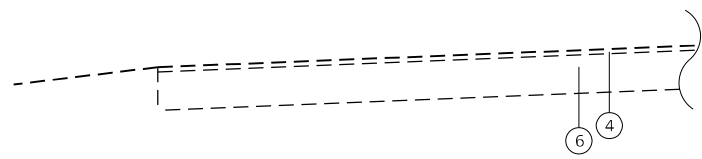
TYPICAL SECTION
CALHOUN COUNTY APPROACH
STA. 53+70.00 TO STA. 56+75.00



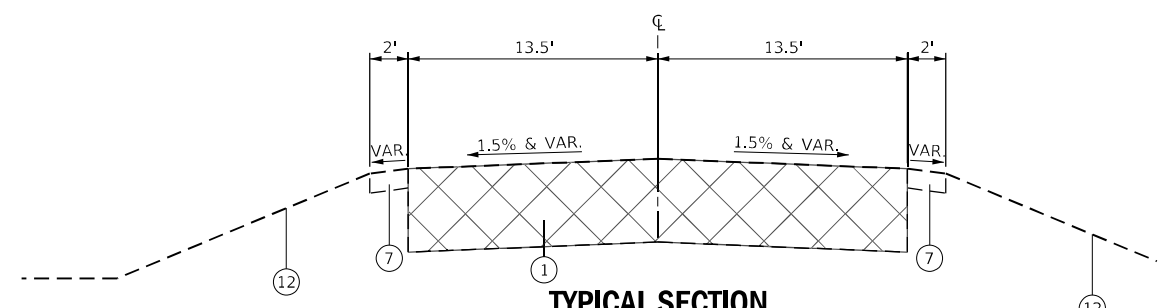
TYPICAL SECTION
KAMPSVILLE FERRY PARKING LOT
(LOOKING NORTH)



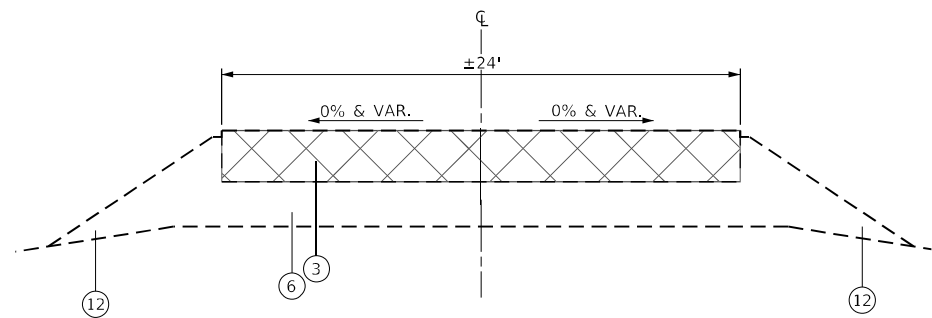
TYPICAL SECTION
GREENE COUNTY APPROACH
STA. 100+55.00 TO STA. 102+31.00



TYPICAL SECTION
PARKING LOT



TYPICAL SECTION
GREENE COUNTY APPROACH
STA. 102+31.00 TO STA. 103+28.00



TYPICAL SECTION
RAMP APPROACH
STA. 56+75.00 TO STA. 57+10.00 (CALHOUN CO.)
STA. 103+28.00 TO 103+78.00 (GREENE CO.)

LEGEND

- ① EX. HOT-MIX ASPHALT PAVEMENT, 26"
- ② EX. HOT-MIX ASPHALT PAVEMENT, 12"-14"
- ③ EX. CONCRETE PAVEMENT, 12"
- ④ EX. BITUMINOUS SURFACE TREATMENT
- ⑤ EX. AGGREGATE BASE, 25"
- ⑥ EX. AGGREGATE BASE (DEPTH UNKNOWN)
- ⑦ EX. AGGREGATE SHOULDER
- ⑧ EX. PAVED SHOULDER
- ⑨ EX. PORTLAND CEMENT CONCRETE SIDEWALK
- ⑩ EX. SHEET PILING
- ⑪ EX. SOLDIER PILE MORING
- ⑫ EX. STONE RIPRAP
- ⑬ PR. EARTH EXCAVATION
- ⑭ PR. HOT-MIX ASPHALT SURFACE COURSE, 2"
- ⑮ PR. HOT-MIX ASPHALT BINDER COURSE, 6"
- ⑯ PR. BITUMINOUS MATERIALS (TACK COAT)
- ⑰ PR. BITUMINOUS MATERIALS (PRIME COAT)
- ⑱ PR. CONTINUOUSLY REINFORCED HES PCC PAVEMENT, 12"
- ⑲ PR. SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- ⑳ PR. SUBBASE GRANULAR MATERIAL, TYPE A, 8"
- ㉑ PR. SUBBASE GRANULAR MATERIAL, TYPE A, VARIABLE DEPTH
- ㉒ PR. SUBBASE GRANULAR MATERIAL, TYPE C
- ㉓ PR. SUBBASE GRANULAR MATERIAL (SPECIAL)
- ㉔ PR. AGGREGATE SHOULDERS, TYPE A, 6"
- ㉕ PR. PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ㉖ PR. CONCRETE GUTTER, TYPE A
- ㉗ PR. STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)
- ㉘ PR. SHEETPILE RETAINING WALL (SEE STURCTURAL DETAILS)
- ㉙ PR. STRUCTURAL SLAB (SEE STRUCTURAL DETAILS)
- ㉚ PR. SUBBASE GRANULAR MATERIAL, TYPE B, 4" (SEE STRUCTURAL DETAILS)
- ㉛ PR. ROCK FILL - FOUNDATION (SEE STRUCTURAL DETAILS)
- ㉜ PR. PAVEMENT MARKING

- PAVED SHOULDER REMOVAL
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- PAVEMENT REMOVAL

MODEL: P:\cadd\1120091\Kampsville Ferry\14_CADD - DWG\4.7_Tran\CADD_Sheets\0876196-shs-by-pjcl.dgn



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

USER NAME = efisher	DESIGNED - TBP	REVISED -
PLOT SCALE = 10,0000 * / in.	DRAWN - EKF	REVISED -
PLOT DATE = 3/5/2021	CHECKED - JWS	REVISED -
	DATE - 03/2021	REVISED -

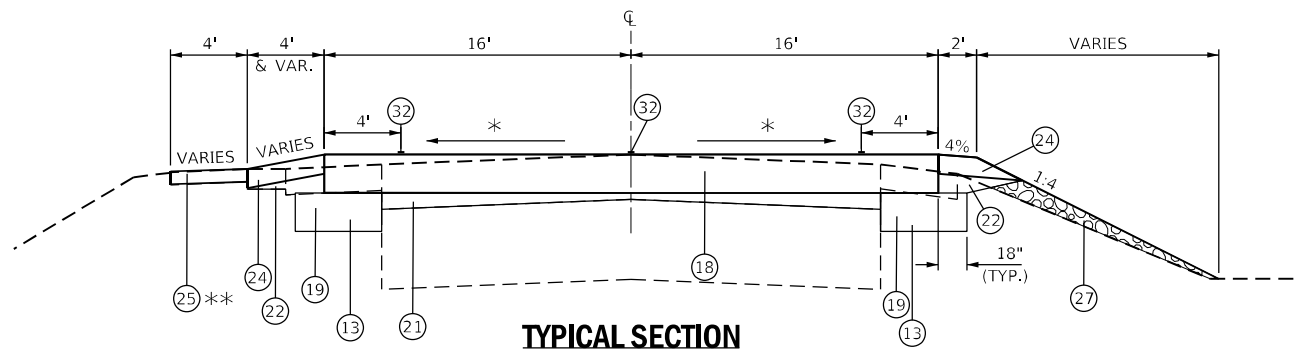
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	9
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				

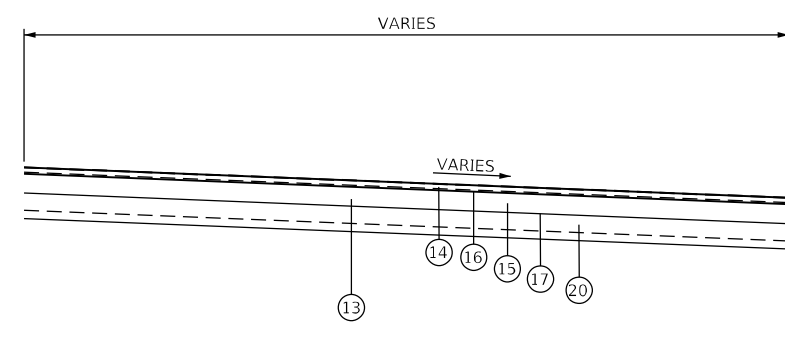
* CALHOUN & GREENE



TYPICAL SECTION

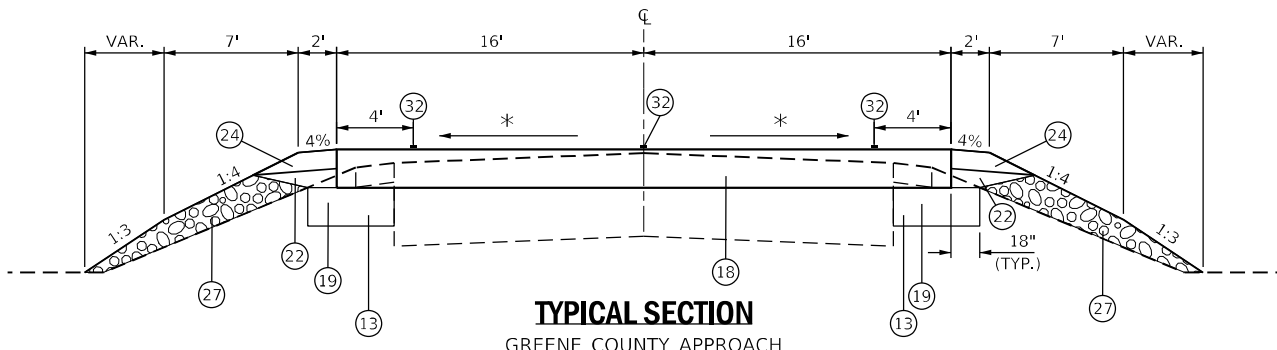
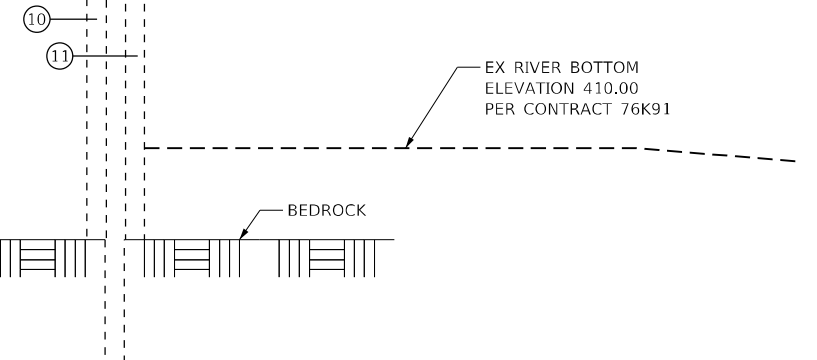
CALHOUN COUNTY APPROACH
STA. 53+70.00 TO STA. 55+73.00

* CROSS SLOPE VARIES
STA. 53+70.00 TO STA. 54+00.00 - EX. TO 1.5%
STA. 54+00.00 TO STA. 54+50.00 - 1.5%
STA. 54+50.00 TO STA. 54+75.00 - 1.5% TO 0.0%
** SEE PLANS FOR DETAILS ON PR. SIDEWALK LOCATIONS



TYPICAL SECTION

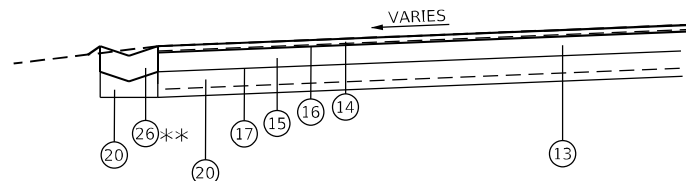
KAMPSVILLE FERRY PARKING LOT
(LOOKING NORTH)



TYPICAL SECTION

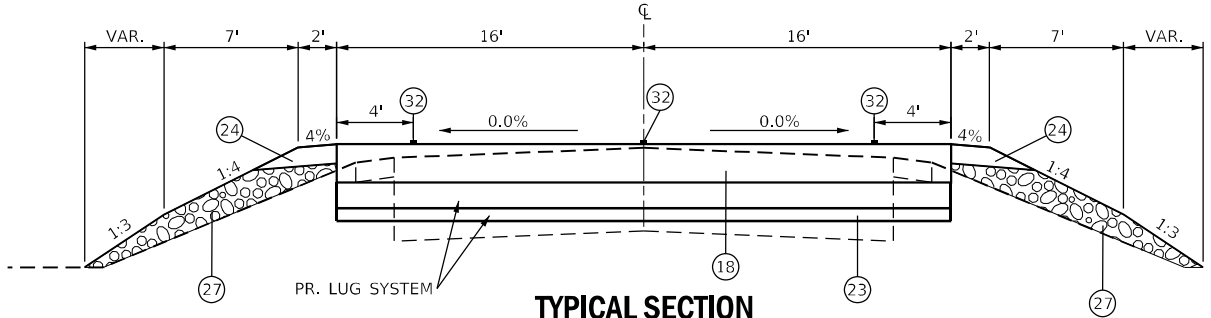
GREENE COUNTY APPROACH
STA. 100+55.00 TO STA. 102+31.00

* CROSS SLOPE VARIES
STA. 100+55.00 TO STA. 100+65.00 - EX. TO 1.5%
STA. 100+65.00 TO STA. 101+05.00 - 1.5%
STA. 101+08.00 TO STA. 101+30.00 - 1.5% TO 0.0%



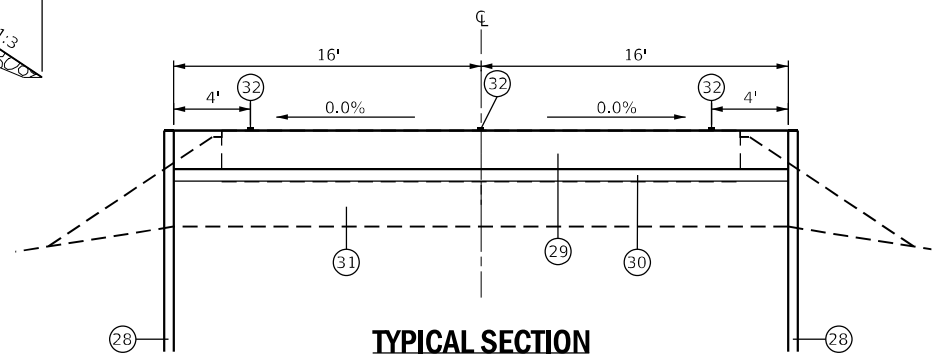
TYPICAL SECTION

PARKING LOT
**SEE STANDARD 606101 AND PLANS FOR DETAILS



TYPICAL SECTION

CALHOUN COUNTY APPROACH
STA. 55+73.00 TO STA. 56+42.00
GREENE COUNTY APPROACH
STA. 102+31.00 TO STA. 103+00.00



TYPICAL SECTION

STA. 56+42.00 TO STA. 57+30.00 (CALHOUN CO.)
STA. 103+00.00 TO 103+88.00 (GREENE CO.)
(SEE STRUCTURAL DETAILS)

LEGEND

- ① EX. HOT-MIX ASPHALT PAVEMENT, 26"
- ② EX. HOT-MIX ASPHALT PAVEMENT, 12"-14"
- ③ EX. CONCRETE PAVEMENT, 12"
- ④ EX. BITUMINOUS SURFACE TREATMENT
- ⑤ EX. AGGREGATE BASE, 25"
- ⑥ EX. AGGREGATE BASE (DEPTH UNKNOWN)
- ⑦ EX. AGGREGATE SHOULDER
- ⑧ EX. PAVED SHOULDER
- ⑨ EX. PORTLAND CEMENT CONCRETE SIDEWALK
- ⑩ EX. SHEET PILING
- ⑪ EX. SOLDIER PILE MORING
- ⑫ EX. STONE RIPRAP
- ⑬ PR. EARTH EXCAVATION
- ⑭ PR. HOT-MIX ASPHALT SURFACE COURSE, 2"
- ⑮ PR. HOT-MIX ASPHALT BINDER COURSE, 6"
- ⑯ PR. BITUMINOUS MATERIALS (TACK COAT)
- ⑰ PR. BITUMINOUS MATERIALS (PRIME COAT)
- ⑱ PR. CONTINUOUSLY REINFORCED HES PCC PAVEMENT, 12"
- ⑲ PR. SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- ⑳ PR. SUBBASE GRANULAR MATERIAL, TYPE A, 8"
- ㉑ PR. SUBBASE GRANULAR MATERIAL, TYPE A, VARIABLE DEPTH
- ㉒ PR. SUBBASE GRANULAR MATERIAL, TYPE C
- ㉓ PR. SUBBASE GRANULAR MATERIAL (SPECIAL)
- ㉔ PR. AGGREGATE SHOULDERS, TYPE A, 6"
- ㉕ PR. PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ㉖ PR. CONCRETE GUTTER, TYPE A
- ㉗ PR. STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)
- ㉘ PR. SHEETPILE RETAINING WALL (SEE STRUCTURAL DETAILS)
- ㉙ PR. STRUCTURAL SLAB (SEE STRUCTURAL DETAILS)
- ㉚ PR. SUBBASE GRANULAR MATERIAL, TYPE B, 4" (SEE STRUCTURAL DETAILS)
- ㉛ PR. ROCK FILL - FOUNDATION (SEE STRUCTURAL DETAILS)
- ㉜ PR. PAVEMENT MARKING

MODEL: P:\cadd\1120021\Kampsville Ferry\4_CADD - DWG\4.7_Tran\CAD_Sheets\0376196-shr-tyr-prical.dwg

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ENGINEERING
GEOSPATIAL SERVICES

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

USER NAME = efisher	DESIGNED - TBP	REVISED -
PLOT SCALE = 10,0000 * / in.	DRAWN - EKF	REVISED -
PLOT DATE = 3/5/2021	CHECKED - JWS	REVISED -
	DATE - 03/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	10
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				

* CALHOUN & GREENE

EARTHWORK SCHEDULE						
LOCATION		ROCK FILL - FOUNDATION	EARTH EXCAVATION	FOR INFORMATION ONLY		
STA.	TO			TON	CU YD	CU YD
IL 108 WEST (CALHOUN COUNTY)						
53+70.00	TO	57+30.00	220	352	264	236
PARKING LOT			0	2161	1621	0
SUB-TOTAL:			220	2513	1885	28
IL 108 EAST (GREENE COUNTY)						
100+55.00	TO	103+88.00	49	121	91	40
SUB-TOTAL:			49	121	91	40
TOTAL:			269	2630		

SIDEWALK SCHEDULE				
LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK, 4"
STA.	TO	STA.	NOTES	SQ FT
IL 108 WEST (CALHOUN COUNTY)				
53+87.77	TO	54+02.14	LT	56.1
54+35.63	TO	54+50.36	LT	56.6
55+44.49	TO	55+86.62	LT	152.3
KAMPSVILLE FERRY OFFICE				
PARKING LOT				332.45
SUB TOTAL:				597.4
TOTAL:				597

ENTRANCE SCHEDULE						
LOCATION			PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PROTECTIVE COAT	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACE
STA.	TO	STA.	NOTES	SQ YD	SQ YD	POUND
IL 108 WEST (CALHOUN COUNTY)						
54+19.96			C.E. RT			86.5
KAMPSVILLE FERRY OFFICE						
PARKING LOT				18.9	18.9	
ADA PARKING STALL				123.6	123.6	
SUB TOTAL:				142.5	142.5	86.5
IL 108 EAST (GREENE COUNTY)						
100+97.45			P.E. LT			20.9
SUB TOTAL:				0.0	0.0	20.9
TOTAL:				142	*	94

* SEE PAVING SCHEDULE FOR ADDITIONAL QUANTITY

PAVING SCHEDULE																	
LOCATION				CONTINUOUSLY REINFORCED HIGH-EARLY-STRENGTH PCC PAVEMENT 12"	PAVEMENT REINFORCEMENT	LUG SYSTEM COMPLETE 32'	PROTECTIVE COAT	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	SUBBASE GRANULAR MATERIAL, TYPE A, 12"	SUBBASE GRANULAR MATERIAL, TYPE A	SUBBASE GRANULAR MATERIAL (SPECIAL)	SUBBASE GRANULAR MATERIAL, TYPE C	AGGREGATE SURFACE COURSE, TYPE B	AGGREGATE SHOULDERS, TYPE A
STA.	TO	STA.	NOTES	SQ YD	SQ YD	EACH	SQ YD	POUND	POUND	TON	TON	SQ YD	TON	CU YD	TON	TON	TON
IL 108 WEST (CALHOUN COUNTY)																	
53+70.00	TO	55+73.00		721.3	721.3		721.3					239.5	68.4		26.9		60.7
55+73.00	TO	56+42.00		245.3	245.3	1	245.3							27.2			
56+42.00	TO	57+30.00	SEE STRUCTURAL DETAILS				312.9										
KAMPSVILLE FERRY OFFICE								10745.4	2149.2	1604.6	534.9					50.6	
PARKING LOT																	
SUB TOTAL:				966.6	966.6	1	1279.5	10745.4	2149.2	1604.6	534.9	239.5	68.4	27.2	26.9	50.6	60.7
IL 108 EAST (GREENE COUNTY)																	
100+35.00	TO	103+55.00															3.6
100+55.00	TO	102+31.00		625.8	625.8		625.8					168.4			34.9		35.9
102+31.00	TO	103+00.00		245.3	245.3	1	245.3							27.2			
103+00.00	TO	103+88.00	SEE STRUCTURAL DETAILS				312.9										
SUB TOTAL:				871.1	871.1	1	1184.0	0.0	0.0	0.0	0.0	168.4	0.0	27.2	34.9	0.0	39.4
FROM ENTRANCE SCHEDULE:								142.5	107.4								
TOTAL:				1838	1838	2	2606	10745	2257	1605	535	408	68	54	62	51	100

REMOVALS SCHEDULE										
LOCATION				PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	PAVED SHOULDER REMOVAL	SIDEWALK REMOVAL	PIPE CULVERT REMOVAL	MANHOLES TO BE ADJUSTED
STA.	TO	STA.	NOTES	SQ YD	SQ YD	SQ YD	SQ YD	SQ FT	FOOT	EACH
IL 108 WEST (CALHOUN COUNTY)										
53+70.00	TO	57+10.00	LT/RT	946.0						
53+70.00	TO	56+83.00	LT				206.9			
53+88.00	TO	54+51.00	LT					274.2		
54+19.96			C.E. RT			184.1				
54+34.28			RT							1.0
55+55.00	TO	55+95.00	LT					176.9		
53+70.00	TO	53+92.00	RT				5.2			
54+46.00	TO	56+86.00	RT				149.6			
56+15.00	TO	56+23.00	RT						7.8	
KAMPSVILLE FERRY OFFICE										
PARKING LOT				14.4				210.6		
SUB TOTAL:				960.4	0.0	184.1	361.7	661.7	7.8	1.0
IL 108 EAST (GREENE COUNTY)										
100+97.45			P.E. LT					39.9		
100+55.00	TO	102+31.00	LT/RT		531.7					
102+31.00	TO	103+78.00	LT/RT	419.9						
SUB TOTAL:				419.9	531.7	39.9	0.0	0.0	0.0	0.0
TOTAL:				1380	532	224	362	662	8	1

CONCRETE GUTTER SCHEDULE				
LOCATION		CONCRETE GUTTER, TYPE A	SUBBASE GRANULAR MATERIAL, TYPE A, 8"	CLASS SI CONCRETE (OUTLET)
STA.	TO	STA.	FOOT	CU YD
KAMPSVILLE FERRY OFFICE				
PARKING LOT			187	4.4
SUB TOTAL:			187	4.4
TOTAL:			187	4.4

SIGNAGE SCHEDULE				
LOCATION			SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
STA.	TO	STA.	SQ FT	FOOT
KAMPSVILLE FERRY OFFICE				
ADA PARKING STALL			R7-8 (RESERVED PARKING)	1.5
			R2-6bP (\$250 FINE)	3.0
SUB TOTAL:			5	16
TOTAL:			5	16

PAVEMENT MARKING SCHEDULE						
LOCATION				MODIFIED URETHANE PAVEMENT MARKING - LINE		
STA.	TO	STA.	NOTES	4 INCH	8 INCH	12 INCH
IL 108 WEST (CALHOUN COUNTY)						
53+70.00	TO	57+30.00	LANE LINE LT	SINGLE WHITE	365.0	
53+70.00	TO	57+30.00	LANE LINE RT	SINGLE WHITE	305.0	
53+70.00	TO	57+30.00	CENTERLINE	DOUBLE YELLOW	720.0	
54+75.00			STOP BAR	SINGLE WHITE		12.0
ADA PARKING STALL						
PM1	TO	PM2	EDGE LINE	SINGLE WHITE		18.5
PM2	TO	PM3	EDGE LINE	SINGLE WHITE		8.0
PM3	TO	PM4	EDGE LINE	SINGLE WHITE		8.0
PM4	TO	PM5	EDGE LINE	SINGLE WHITE		18.5
PM5	TO	PM6	EDGE LINE	SINGLE WHITE		8.0
PM6	TO	PM3	EDGE LINE	SINGLE WHITE		18.5
53+70.00	TO	57+30.00	DIAGONALS	SINGLE YELLOW		49.6
SUB TOTAL:					1390.0	79.5
IL 108 EAST (GREENE COUNTY)						
100+55.00	TO	103+88.00	LANE LINE LT	SINGLE WHITE	333.0	
100+55.00	TO	103+88.00	LANE LINE RT	SINGLE WHITE	333.0	
100+55.00	TO	103+88.00	CENTERLINE	DOUBLE YELLOW	666.0	
101+30.00			STOP BAR	SINGLE WHITE		12.0
SUB TOTAL:					1332.0	0.0
TOTAL:					2722	74

SEEDING SCHEDULE									
LOCATION				SEEDING (SPECIAL)	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING
STA.	TO	STA.	LT/RT	ACRE	POUND	POUND	POUND	ACRE	POUND
IL 108 WEST (CALHOUN COUNTY)									
53+70.00	TO	57+30.00	RT	0.01	0.7	0.7	0.7	0.01	1.6
KAMPSVILLE FERRY OFFICE									
PARKING LOT				LT	0.06	5.5	5.5	0.06	12.2
SUB TOTAL:				0.07	6.2	6.2	6.2	0.07	13.8
IL 108 EAST (GREENE COUNTY)									
100+55.00	TO	103+88.00	LT/RT	0.01	1.0	1.0	1.0	0.01	2.2
SUB TOTAL:				0.01	1.0	1.0	1.0	0.01	2.2
TOTAL:				0.08	7.2	7.2	7.2	0.08	16.0
PAY TOTAL:				0.25	10	10	10	0.25	20

RIPRAP SCHEDULE				
LOCATION				STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)
STA.	TO	STA.	NOTES	TON
IL 108 WEST (CALHOUN COUNTY)				
IL 108 WEST				RT
SUB TOTAL:				207.4
IL 108 EAST (GREENE COUNTY)				
IL 108 EAST				LT
SUB TOTAL:				830.7
TOTAL:				1038

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	11
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				

* CALHOUN & GREENE

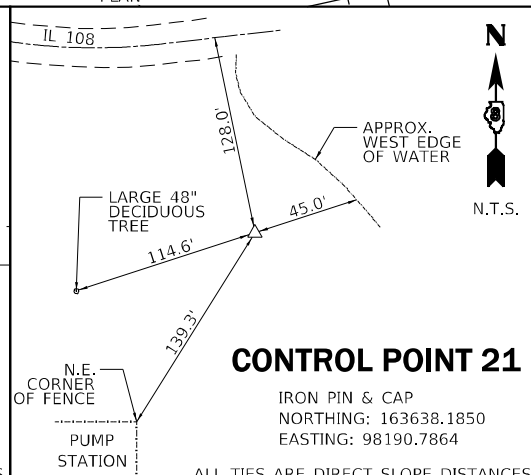
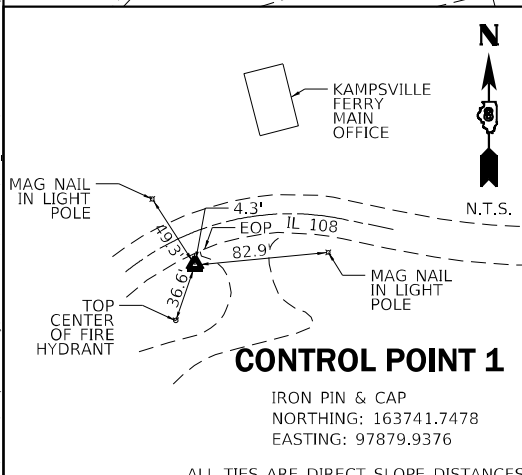
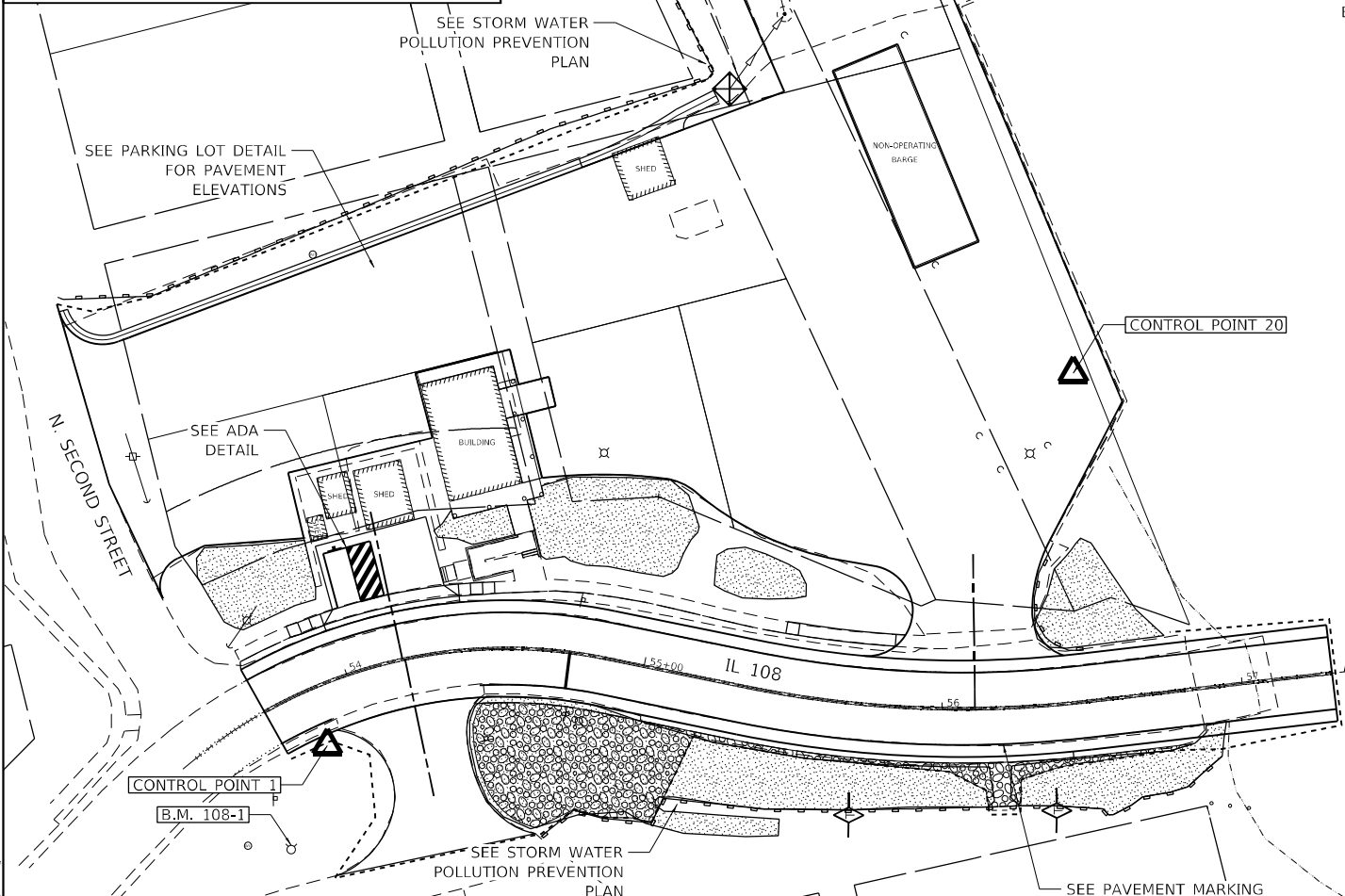
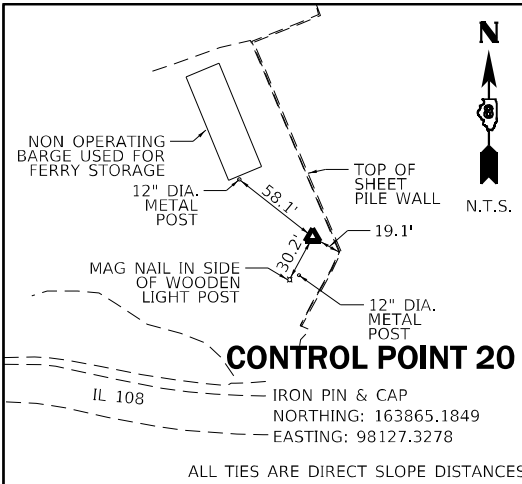
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USER NAME = efisher
DESIGNED - TBP
DRAWN - EKF
CHECKED - JWS
DATE - 03/2021

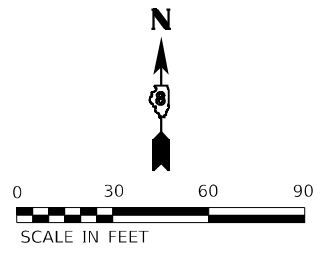
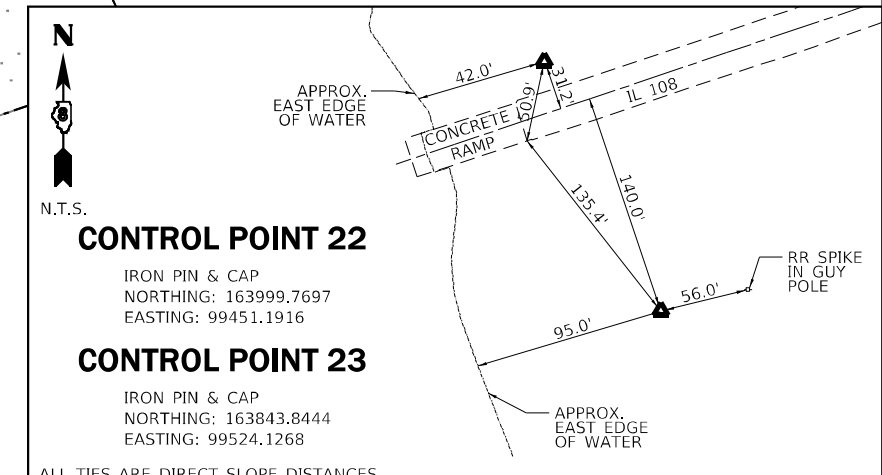
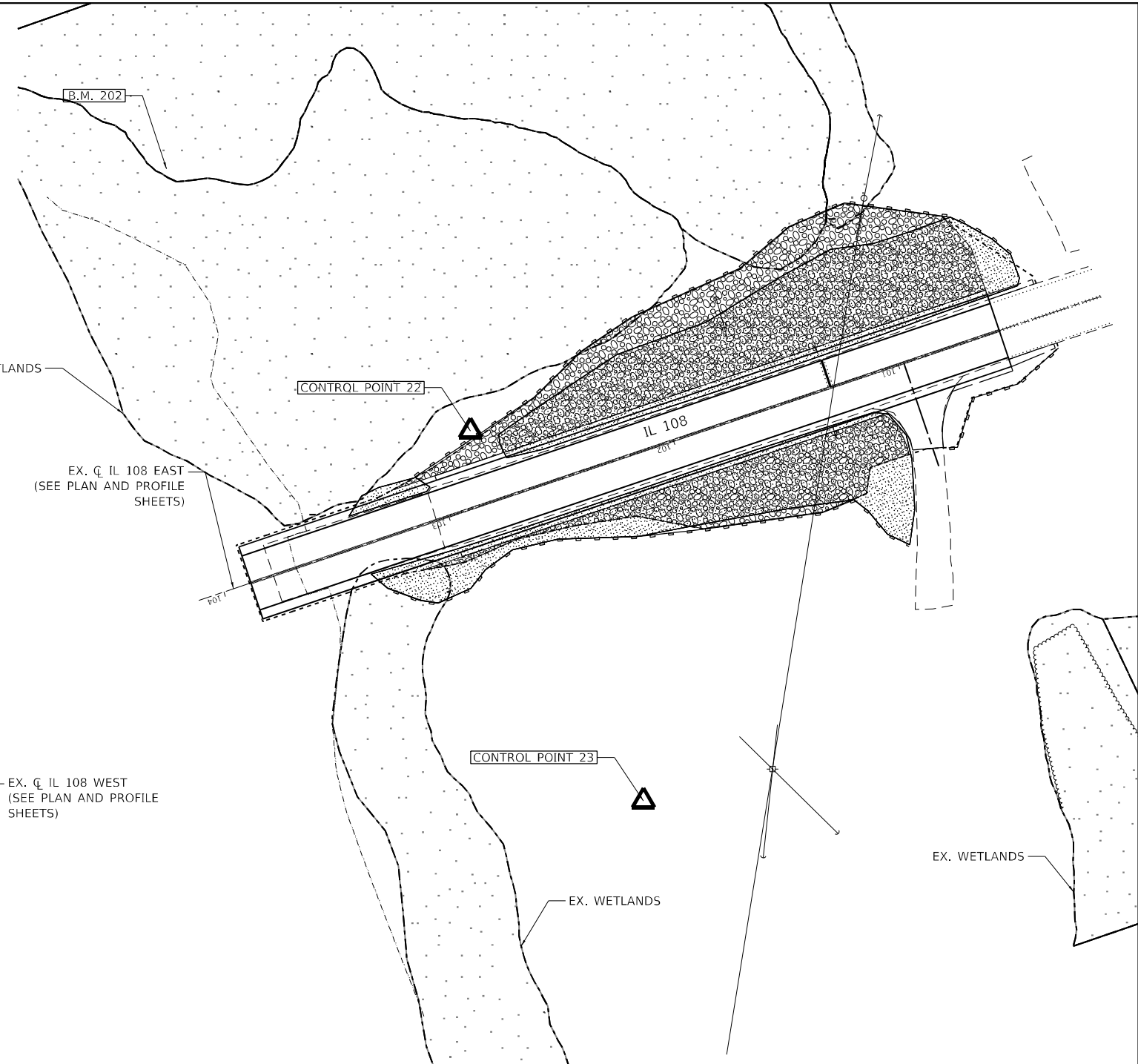
REVISER -
REVISER -
REVISER -
REVISER -

PLOT SCALE = 2,000' / in.
PLOT DATE = 3/5/2021



BENCHMARKS

B.M. NO.	DESCRIPTION	ELEV.
108-1	CUT X ON FIRE HYDRANT HEXBOLT	435.696
202	RR SPIKE IN GUY POLE	425.408



	USER NAME = efisher	DESIGNED - TBP	REVISED -
	PLOT SCALE = 60,0000' / in.	DRAWN - EKF	REVISED -
	PLOT DATE = 3/5/2021	CHECKED - JWS	REVISED -
		DATE - 03/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OVERALL PLAN SHEET, CONTROL TIES & BENCHMARKS

SCALE: 1" = 30' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	12
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				

* CALHOUN & GREENE

MODEL: P:\cadd\11200911\Kampsville Ferry\14_CADD - DWG\4.7_Tran\CD_Sheets\0376196-sh-ave\overallplan.dgn

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

EXIST. CURVE IL108WEST_6
 PI STA. = 55+91.80
 $\Delta = 18^\circ 06' 59''$ (LT)
 $D = 15^\circ 58' 05''$
 $R = 358.81'$
 $T = 57.20'$
 $L = 113.45'$
 $E = 4.53'$
 $e = NC$
 $T.R. = NA$
 $S.E. RUN = NA$
 $P.C. STA. = 55+34.60$
 $P.T. STA. = 56+48.05$

EXIST. CURVE IL108WEST_3
 PI STA. = 54+19.76
 $\Delta = 50^\circ 29' 26''$ (RT)
 $D = 34^\circ 59' 40''$
 $R = 163.73'$
 $T = 77.20'$
 $L = 144.28'$
 $E = 17.29'$
 $e = NC$
 $T.R. = NA$
 $S.E. RUN = NA$
 $P.C. STA. = 53+42.56$
 $P.T. STA. = 54+86.84$

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
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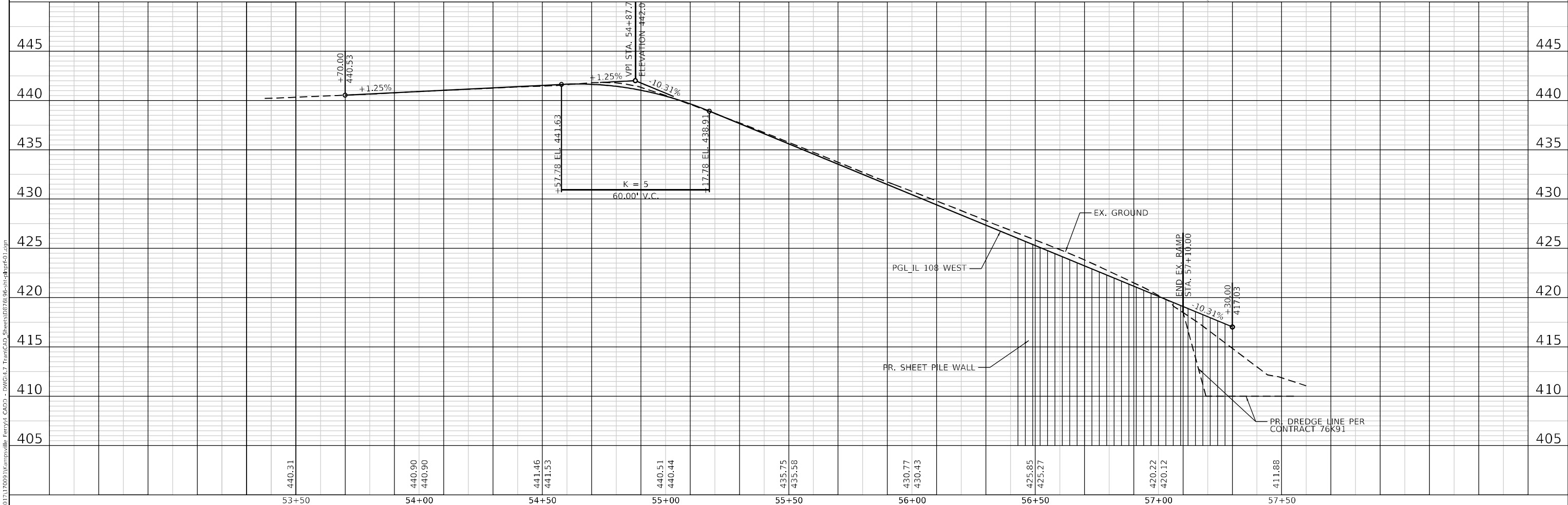
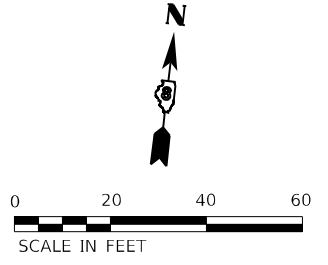
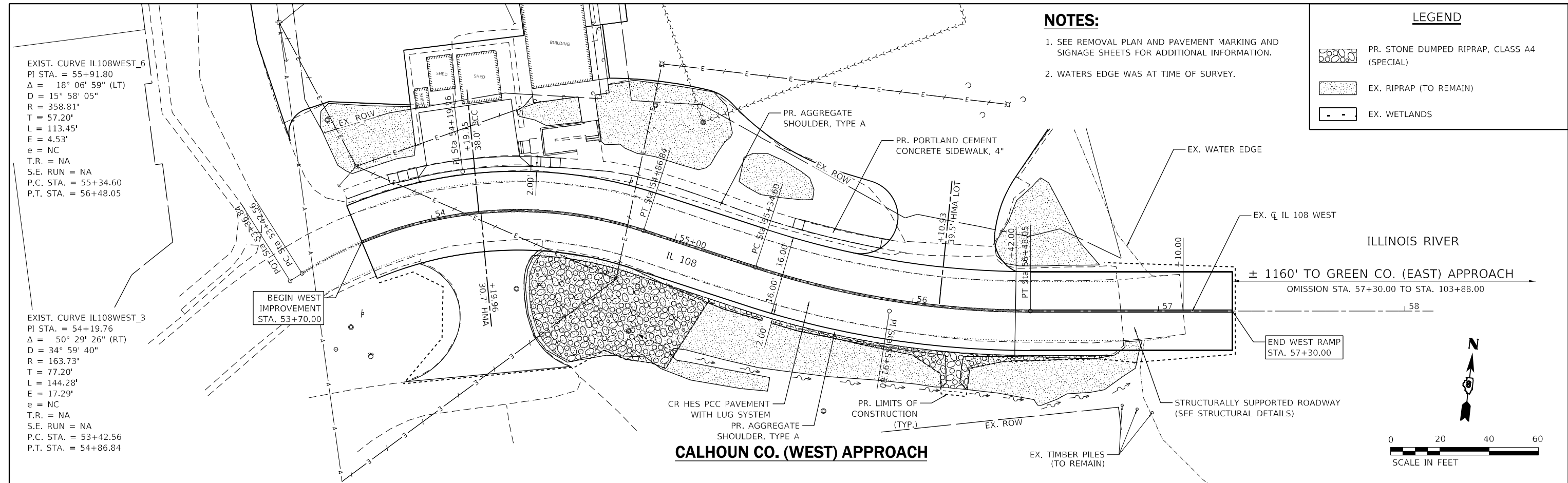
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NOTES:

- SEE REMOVAL PLAN AND PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.
- WATERS EDGE WAS AT TIME OF SURVEY.

LEGEND

- PR. STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)
- EX. RIPRAP (TO REMAIN)
- EX. WETLANDS



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

USER NAME =	efisher
DESIGNED -	TBP
DRAWN -	EKF
CHECKED -	JWS
DATE -	03/2021
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REVISED -	

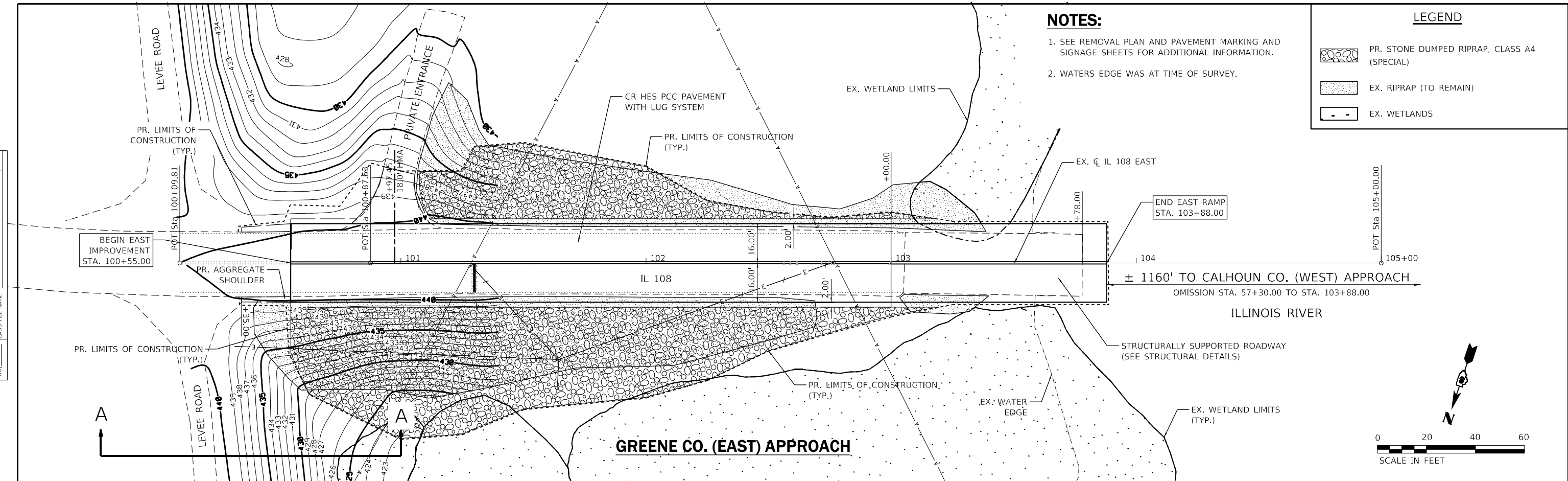
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE	
IL 108 WEST	
SCALE: 1" = 20'	SHEET 1 OF 2 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	14
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				
* CALHOUN & GREENE				

DATE	
BY	
PLAN	
NO.	
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PROFILE	
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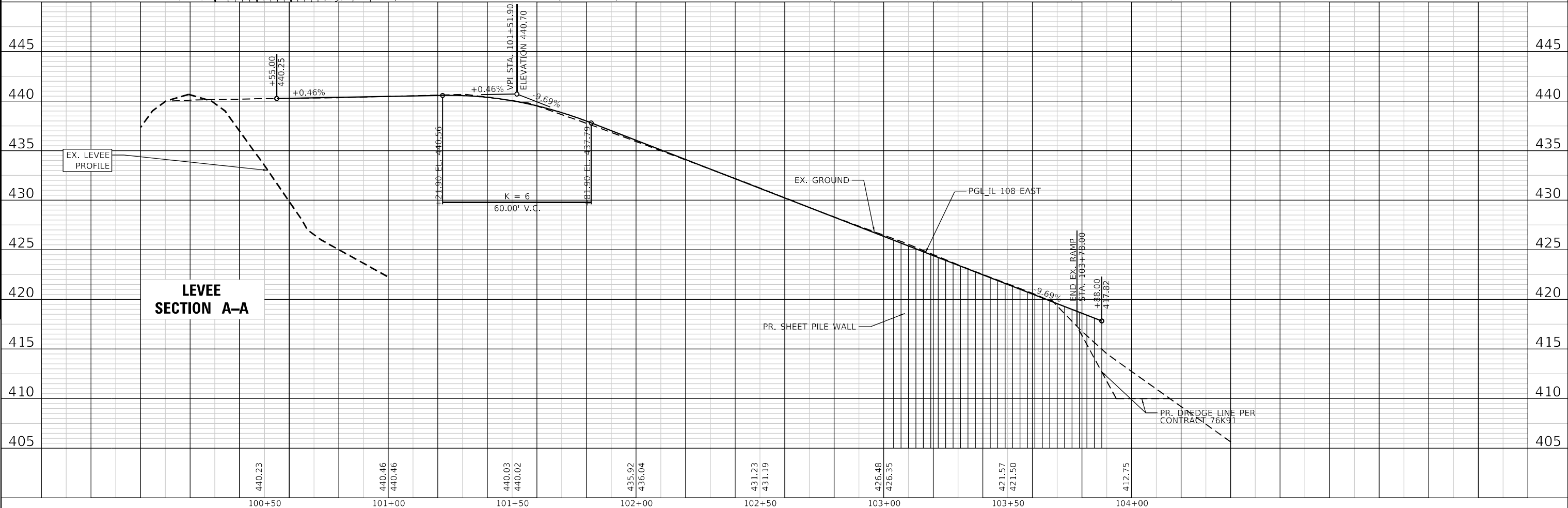
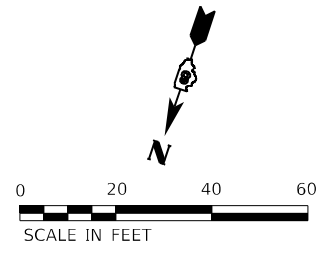


NOTES:

1. SEE REMOVAL PLAN AND PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.
2. WATERS EDGE WAS AT TIME OF SURVEY.

LEGEND

- PR. STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)
- EX. RIPRAP (TO REMAIN)
- EX. WETLANDS



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

USER NAME =	efisher	DESIGNED -	TBP	REVISED -	
DESIGNED -	TBP	DRAWN -	EKF	REVISED -	
DRAWN -	EKF	CHECKED -	JWS	REVISED -	
CHECKED -	JWS	DATE -	03/2021	REVISED -	
DATE -	03/2021				

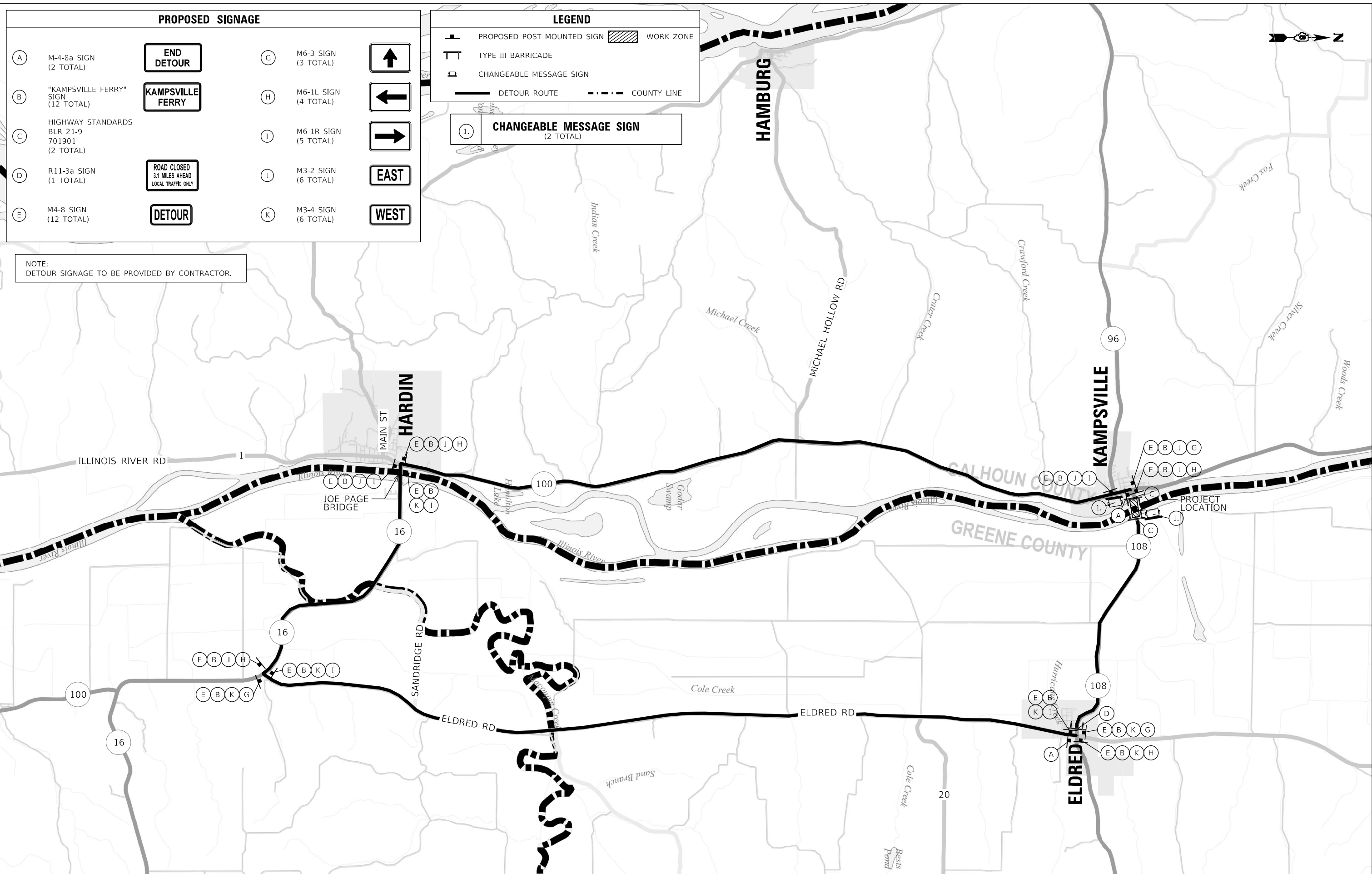
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
IL 108 EAST**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	15
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				

* CALHOUN & GREENE



PROPOSED SIGNAGE		
(A) M-4-8a SIGN (2 TOTAL)	END DETOUR	(G) M6-3 SIGN (3 TOTAL)
(B) "KAMPSVILLE FERRY" SIGN (12 TOTAL)	KAMPSVILLE FERRY	(H) M6-1L SIGN (4 TOTAL)
(C) HIGHWAY STANDARDS BLR 21-9 701901 (2 TOTAL)		(I) M6-1R SIGN (5 TOTAL)
(D) R11-3a SIGN (1 TOTAL)	ROAD CLOSED 3.1 MILES AHEAD LOCAL TRAFFIC ONLY	(J) M3-2 SIGN (6 TOTAL)
(E) M4-8 SIGN (12 TOTAL)	DETOUR	(K) M3-4 SIGN (6 TOTAL)
		↑
		←
		→
		EAST
		WEST

LEGEND	
	PROPOSED POST MOUNTED SIGN
	TYPE III BARRICADE
	CHANGEABLE MESSAGE SIGN
	DETOUR ROUTE
	COUNTY LINE
	WORK ZONE

NOTE:
DETOUR SIGNAGE TO BE PROVIDED BY CONTRACTOR.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

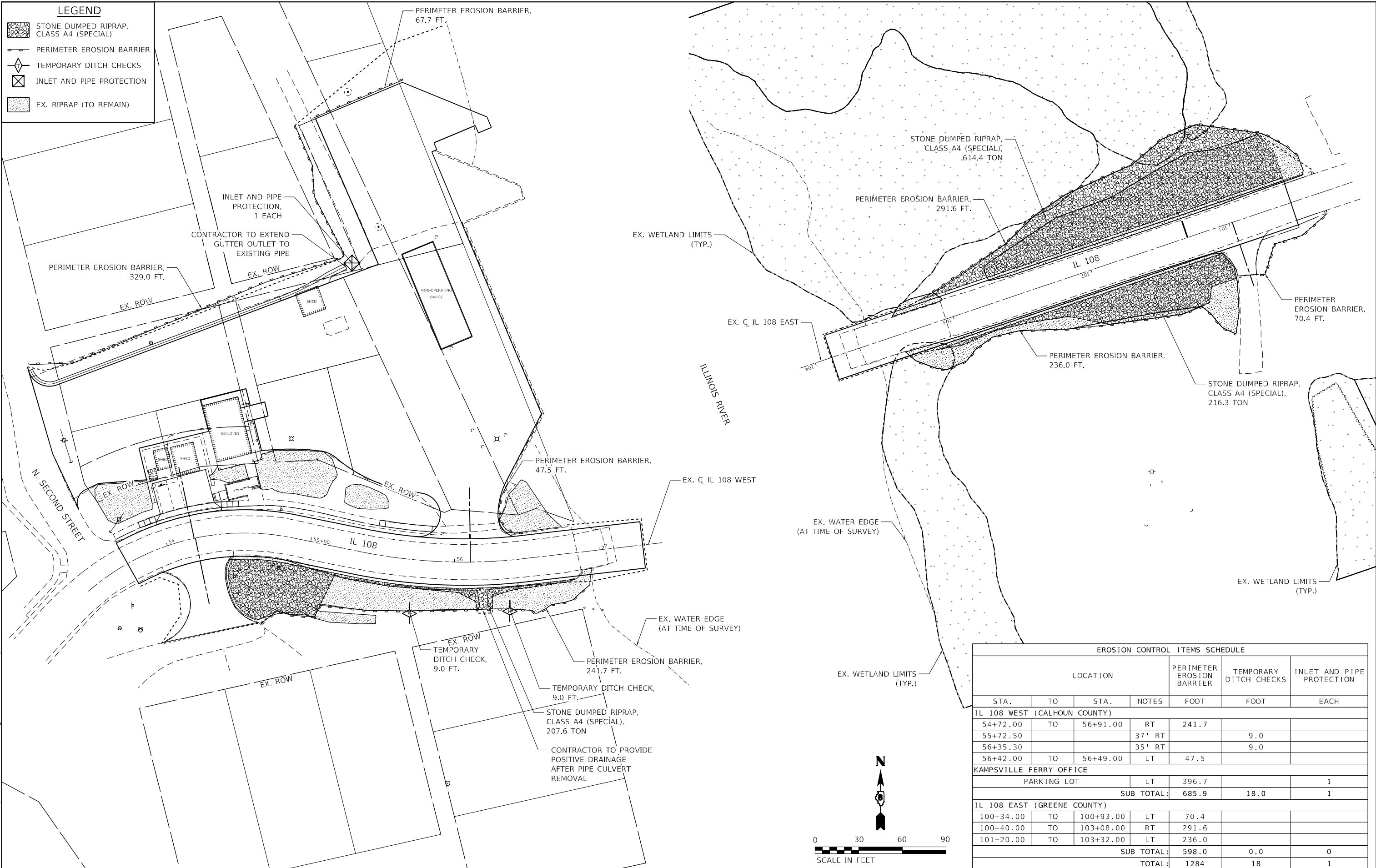
DETOUR ROUTE	
SCALE: 1" = 3000'	SHEET 1 OF 1 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	16

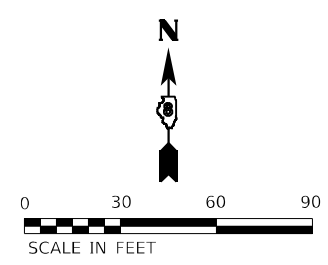
CONTRACT NO. 76L96	
ILLINOIS	FED. AID PROJECT
* CALHOUN & GREENE	

LEGEND

	STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECKS
	INLET AND PIPE PROTECTION
	EX. RIPRAP (TO REMAIN)



EROSION CONTROL ITEMS SCHEDULE							
LOCATION				PERIMETER EROSION BARRIER	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION	
STA.	TO	STA.	NOTES	FOOT	FOOT	EACH	
IL 108 WEST (CALHOUN COUNTY)							
54+72.00	TO	56+91.00	RT	241.7			
55+72.50			37' RT		9.0		
56+35.30			35' RT		9.0		
56+42.00	TO	56+49.00	LT	47.5			
KAMPSVILLE FERRY OFFICE							
PARKING LOT				LT	396.7	1	
				SUB TOTAL:	685.9	18.0	1
IL 108 EAST (GREENE COUNTY)							
100+34.00	TO	100+93.00	LT	70.4			
100+40.00	TO	103+08.00	RT	291.6			
101+20.00	TO	103+32.00	LT	236.0			
				SUB TOTAL:	598.0	0.0	0
				TOTAL:	1284	18	1



TWM
ENGINEERING
GEOSPATIAL SERVICES

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

USER NAME = efisher	DESIGNED - TBP	REVISED -
PLOT SCALE = 60,0000 * / in.	DRAWN - EKF	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

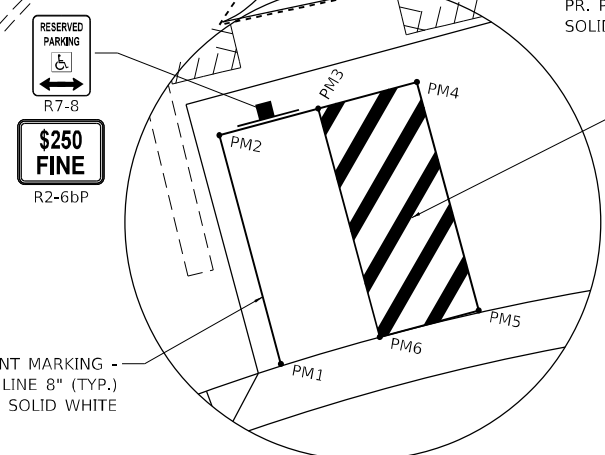
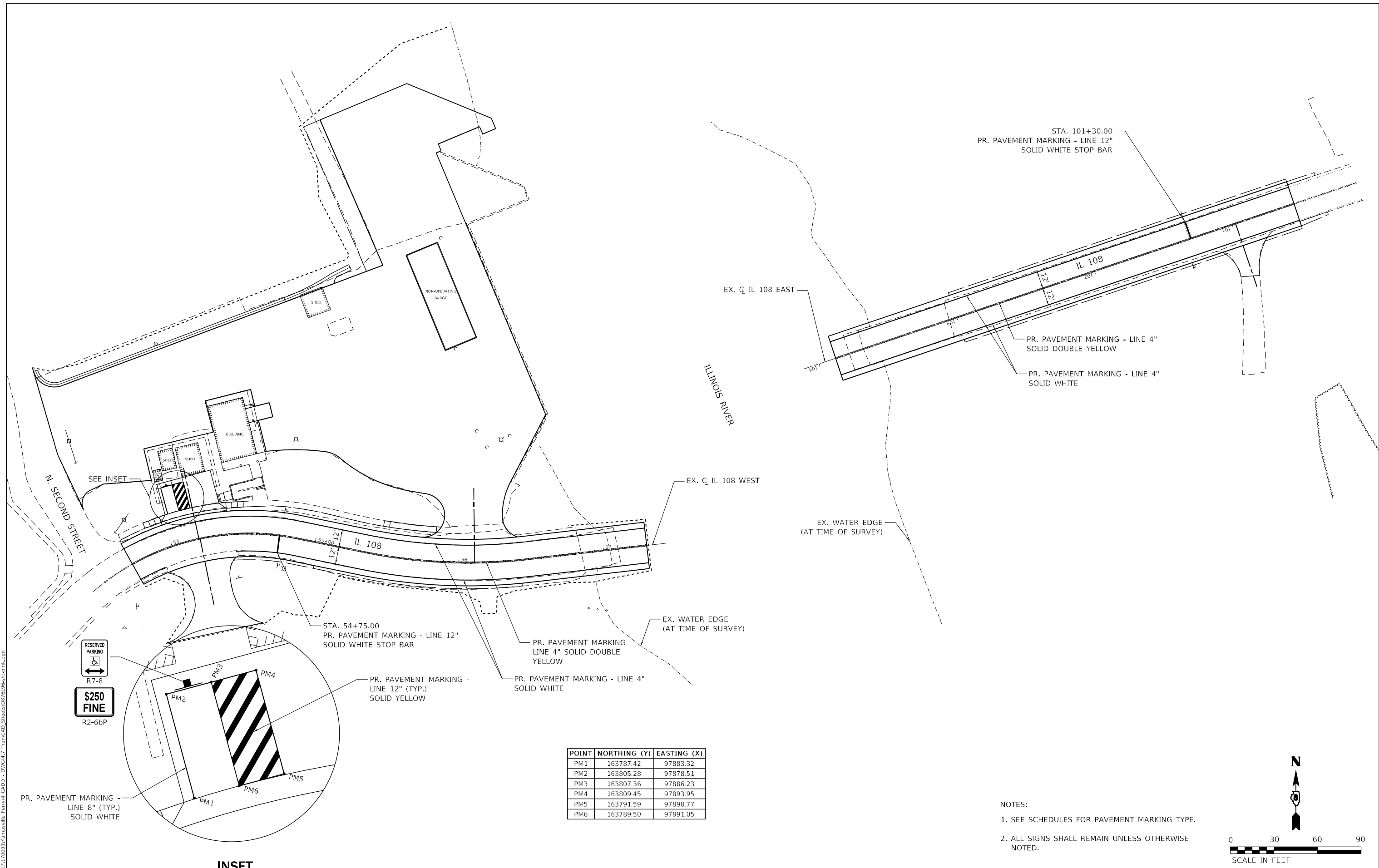
STORM WATER POLLUTION PREVENTION PLAN

SCALE: 1" = 30' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 761	SECTION 101RS-LOT-1	COUNTY *	TOTAL SHEETS 62	SHEET NO. 17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76L96	

* CALHOUN & GREENE

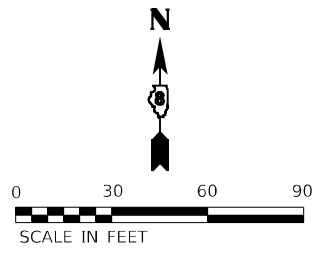
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INSET

POINT	NORTHING (Y)	EASTING (X)
PM1	163787.42	97883.32
PM2	163805.28	97878.51
PM3	163807.36	97886.23
PM4	163809.45	97893.95
PM5	163791.59	97898.77
PM6	163789.50	97891.05

- NOTES:
- SEE SCHEDULES FOR PAVEMENT MARKING TYPE.
 - ALL SIGNS SHALL REMAIN UNLESS OTHERWISE NOTED.



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

USER NAME =	efisher
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PLOT DATE =	3/5/2021

DESIGNED -	TBP
DRAWN -	EKF
CHECKED -	JWS
DATE -	03/2021

REVISED -	
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REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1" = 30' SHEET 1 OF 1 SHEETS STA. TO STA.













F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	18
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				

* CALHOUN & GREENE

NOTES:




1. SETBACK IS TAKEN FROM THE EDGE OF TRAVELED PAVEMENT (WHITE LINE)

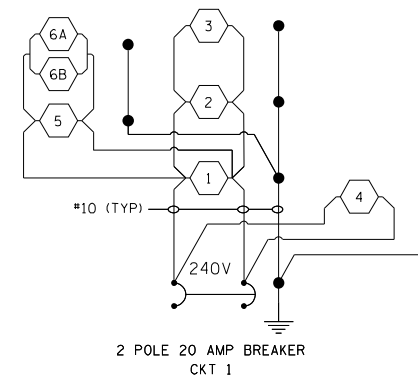
LEGEND

	EXISTING SERVICE
	EXISTING UTILITY POLE
	PROPOSED LIGHTING CONTROLLER 240V IN BUILDING
	PROPOSED DISCONNECT SWITCH, ATTACHED TO EXISTING WOOD POLE.
	EXISTING LIGHTING UNIT TO BE REMOVED
	PROPOSED LIGHTING UNIT, POLE TYPE, MOUNTING HEIGHT, AND MAST ARM LENGTH AS NOTED, WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H
	PROPOSED LIGHTING UNIT, LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E, SUSPENDED FROM EXISTING AERIAL CABLE
	PROPOSED UNIT DUCT, 600V, 2-1C NO. 10, WITH 1/C NO. 10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE.
	PROPOSED COILABLE NONMETALLIC CONDUIT 2 1/2" DIA. LENGTH AS NOTED
	GUY WIRE ANCHOR FOR EXISTING WOOD POLE
	AERIAL CABLE, SIZED AS NOTED
	EXISTING UTILITY POLE

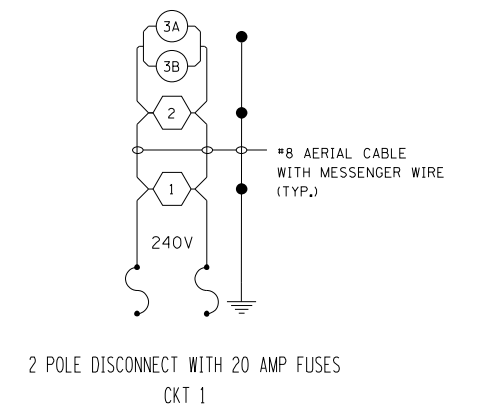
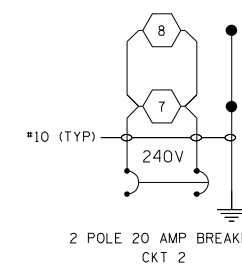
NOTES:

1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

	POLE MOUNTED LIGHTING UNIT
	SUSPENDED LIGHTING UNIT
	GROUND ROD



WALL MOUNTED CONTROLLER INSIDE BUILDING
WEST SIDE OF RIVER



DISCONNECT SWITCH
EAST SIDE OF RIVER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 108 AT KAMPSVILLE FERRY
LEGEND & PERFORMANCE TABLE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	19
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				

E1

LUMINAIRE PERFORMANCE TABLE
POLE MOUNTED LUMINAIRE

Project

Date	Contract Number	Section Number	County
1/24/20	76K91	N/A	CALHOUN & GREENE

Marked Route Number	Municipality
IL 108 AT KAMPSVILLE FERRY	KAMPSVILLE

Roadway

Lane Width	#of Lanes	Median Width	I.E.S Surface Classification	O-Zero Value
12 FT	4	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set Back	Number of Luminaires (Highmast & Sign Lighting Only)
45 FT	15 FT	30 FT	N/A

Luminaire

Description	I.E.S. Lateral Distribution	I.E.S. Vertical Distribution
ROADWAY, OUTPUT DESIGNATION H	TYPE III	MEDIUM

Total Light Loss Factor (LLF)	BUG Rating	Shields	Dimming Protocol
0.684	U = 0	N/A	0-10V

Layout

Spacing (to Nearest 5 Ft) Configuration (Opposite, Staggered, 1 Sided, or Median)
180 FT SINGLE SIDED

Performance

Average Illuminance, E _{AVE} (fc)	Uniformity Ratio, E _{AVE} /E _{MIN}
0.9	3.0:1

Average Luminance, L _{AVE} (cd/m ²)	Uniformity Ratio, L _{AVE} /L _{MIN}	Uniformity Ratio, L _{MAX} /L _{MIN}	Veiling Luminance Ratio, L _v /L _{MIN}
0.6	3.5:1	6.0:1	0.3:1

Light Trespass

Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, E	Max. Vertical Illuminance at ROW, E
N/A	N/A	N/A

Notes

- Set Back is from Edge of Pavement (white line) except for sign luminaires when it is vertical and horizontal distance from the sign to the luminaire.
- Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to roadway.
- Total Light Loss Factor (LLF) = the product of "Lumen Maintenance" (LLD) = 0.9, "Dirt Depreciation" (LDD) = 0.8, and "Equipment Factors" (EF) = 0.95.
- Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions above.

PHOTOMETRIC CALCULATIONS TO BE PERFORMED WITH FOUR LANES IN ONE DIRECTION ONLY.

LUMINAIRE PERFORMANCE TABLE
SUSPENDED LUMINAIRE
EAST SIDE OF RIVER

Project

Date	Contract Number	Section Number	County
01/23/2020	76K91	N/A	GREENE

Marked Route Number	Municipality
IL 108 (KAMPSVILLE FERRY)	UNINCORPORATED

Roadway

Lane Width	#of Lanes	Median Width	I.E.S Surface Classification	O-Zero Value
12 FT	1	0 FT	R3	0.07

Structure

Mounting Height	Arm Length	Set Back	Number of Luminaires (Highmast & Sign Lighting Only)
30 FT	N/A	N/A	N/A

Luminaire

Description	I.E.S. Lateral Distribution	I.E.S. Vertical Distribution
ROADWAY, OUTPUT DESIGNATION E	TYPE II	MEDIUM

Total Light Loss Factor (LLF)	BUG Rating	Shields	Dimming Protocol
0.684	U = 0	N/A	0-10V

Layout

Spacing (to Nearest 5 Ft) Configuration (Opposite, Staggered, 1 Sided, or Median)
100 FT MEDIAN MOUNTED

Performance

Average Illuminance, E _{AVE} (fc)	Uniformity Ratio, E _{AVE} /E _{MIN}
0.9	3.0:1

Average Luminance, L _{AVE} (cd/m ²)	Uniformity Ratio, L _{AVE} /L _{MIN}	Uniformity Ratio, L _{MAX} /L _{MIN}	Veiling Luminance Ratio, L _v /L _{MIN}
0.6	3.5:1	6.0:1	0.3:1

Light Trespass

Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, E	Max. Vertical Illuminance at ROW, E
N/A	N/A	N/A

Notes

- Set Back is from Edge of Pavement (white line) except for sign luminaires when it is vertical and horizontal distance from the sign to the luminaire.
- Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to roadway.
- Total Light Loss Factor (LLF) = the product of "Lumen Maintenance" (LLD) = 0.9, "Dirt Depreciation" (LDD) = 0.8, and "Equipment Factors" (EF) = 0.95.
- Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions above.

PLANS SHOW TWO LUMINAIRES INSTALLED OVER THE ROADWAY. HOWEVER, FOR CALCULATION PURPOSES, PHOTOMETRIC CALCULATIONS SHALL BE PERFORMED WITH A SINGLE MEDIAN MOUNTED LUMINAIRE AT EACH LUMINAIRE CYCLE.
CALCULATIONS SHALL BE PERFORMED WITH ONE LANE IN EACH DIRECTION.

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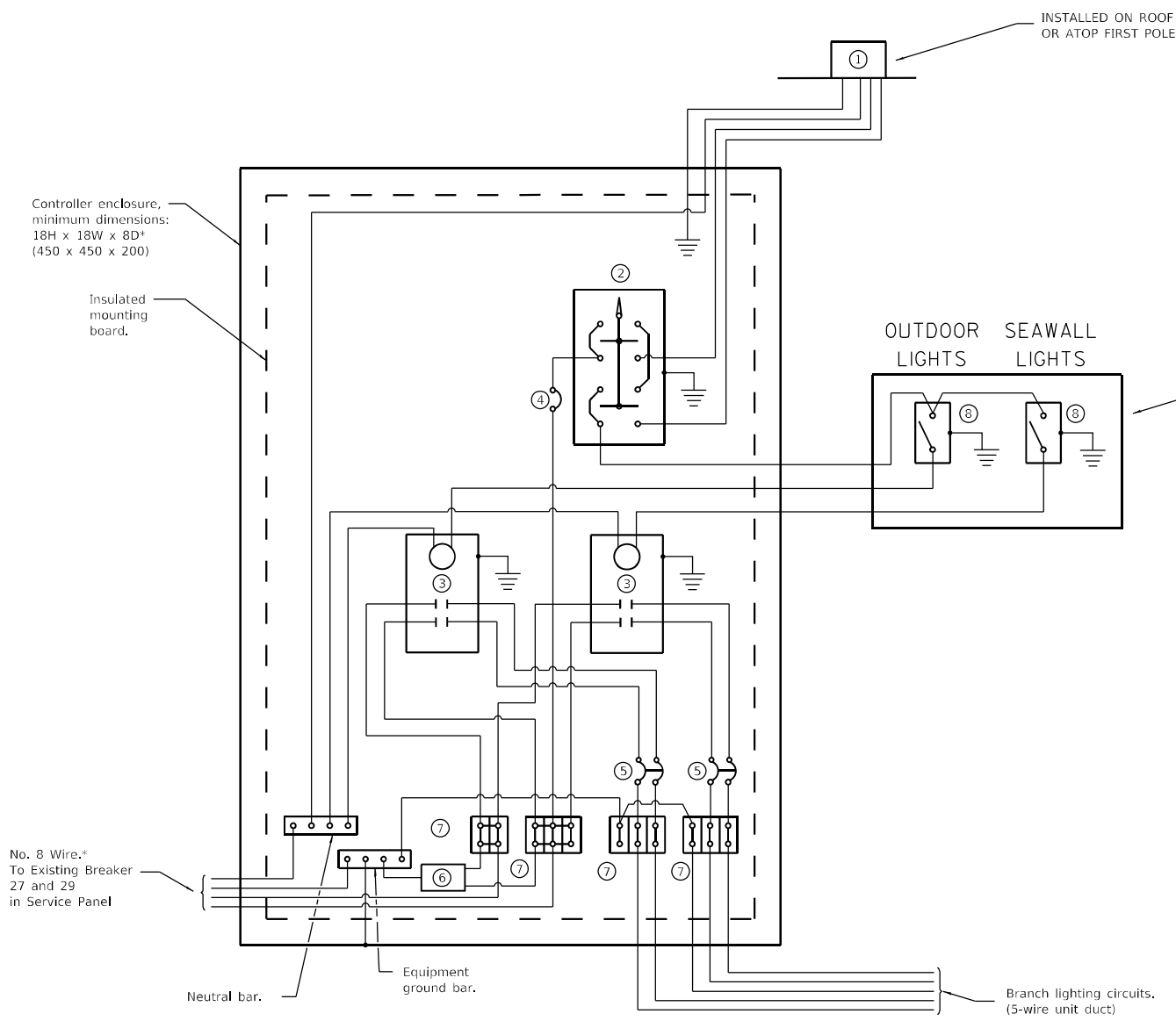
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PLOT DATE = 3/19/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KAMPSVILLE FERRY
LUMINAIRE PERFORMANCE TABLES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	20
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				



Notes:

1. Consult Engineer for the exact location of control cabinet.
2. Wall switches shall be clearly labeled as "OUTDOOR LIGHTS" and "SEAWALL LIGHTS". Both switches shall have "ON" and "OFF" positions clearly identified. "ON" shall be the up position and "OFF" shall be the down.
3. Provide 12x9x1 (305x225x25) watertight pouch mounted inside controller door with as-built plans and schematics.
4. Provide engraved nameplate on front of enclosure reading "LIGHTING".
5. All dimensions are in inches (millimeters) unless otherwise shown.

- ① Photocell with integral surge arrester.
 - ② HAND-OFF-AUTO selector switch.
 - ③ 30 amp*, electrically held contactor.
 - ④ 15 amp, 1-pole circuit breaker.
 - ⑤ 20 amp*, 2-pole circuit breaker (two spares required but not shown).
 - ⑥ Surge arrester.
 - ⑦ Terminal block sized for conductors as shown on plans.
 - ⑧ HD single-pole, single throw switch with hinged cover
- * Size larger as needed.

**LIGHTING CONTROL SCHEMATIC
KAMPSVILLE FERRY TERMINAL
IN BUILDING WEST SIDE OF RIVER**

E3

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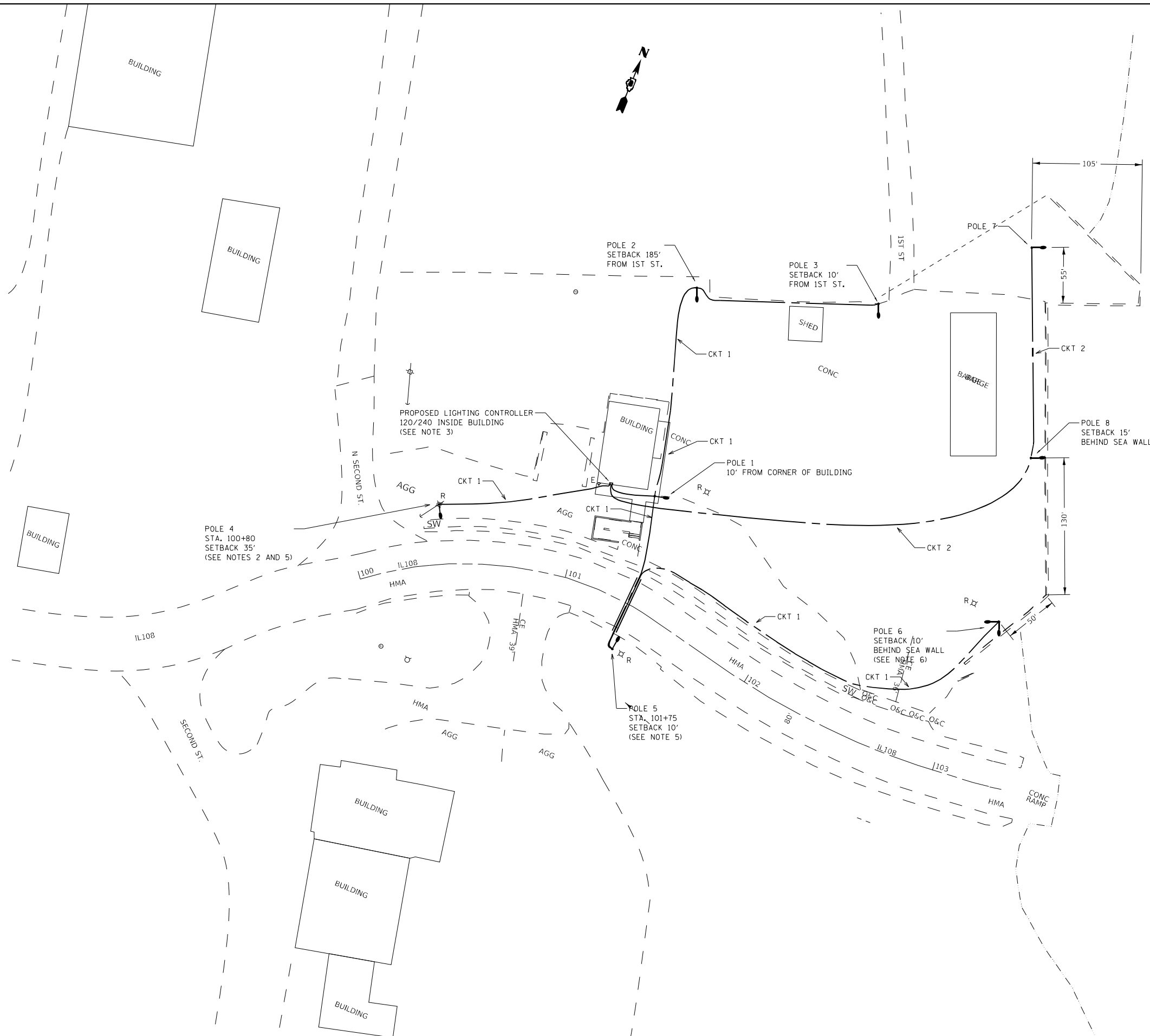
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PLOT DATE = 3/19/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KAMPSVILLE FERRY WEST LIGHTING CONTROLLER DETAIL				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76L96	

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NOTES:

1. STA. 100+00 IS AT THE CENTER OF THE INTERSECTION OF IL 108 AND N SECOND ST.
2. REMOVE EXISTING LUMINAIRE AND WOOD POLE AND INSTALL NEW LED LUMINAIRE ON A 45' ALUMINUM, POLE WITH A 15' MAST ARM.
3. PROPOSED LIGHTING CONTROLLER SHALL BE INSTALLED IN BUILDING ON THE SECOND FLOOR. CONFIRM EXACT LOCATION WITH THE ENGINEER.
4. ALL LIGHT POLES ON THE WEST SIDE OF THE RIVER ARE 45' ALUMINUM POLES WITH 15' MAST ARMS.
5. LIGHT POLES 4, AND 5, SHALL HAVE BREAKAWAY COUPLING DEVICES WITH STAINLESS STEEL SCREEN. ALL OTHER ALUMINUM LIGHT POLES SHALL NOT HAVE BREAKAWAY DEVICES.
6. LIGHT POLE 6 SHALL HAVE TWIN 12 FOOT MAST ARMS ALL OTHER LIGHT POLES SHALL HAVE SINGLE 15 FT ARM.

E4

USER NAME = prestanme	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING DESIGN PLANS
KAMPSVILLE FERRY WEST**

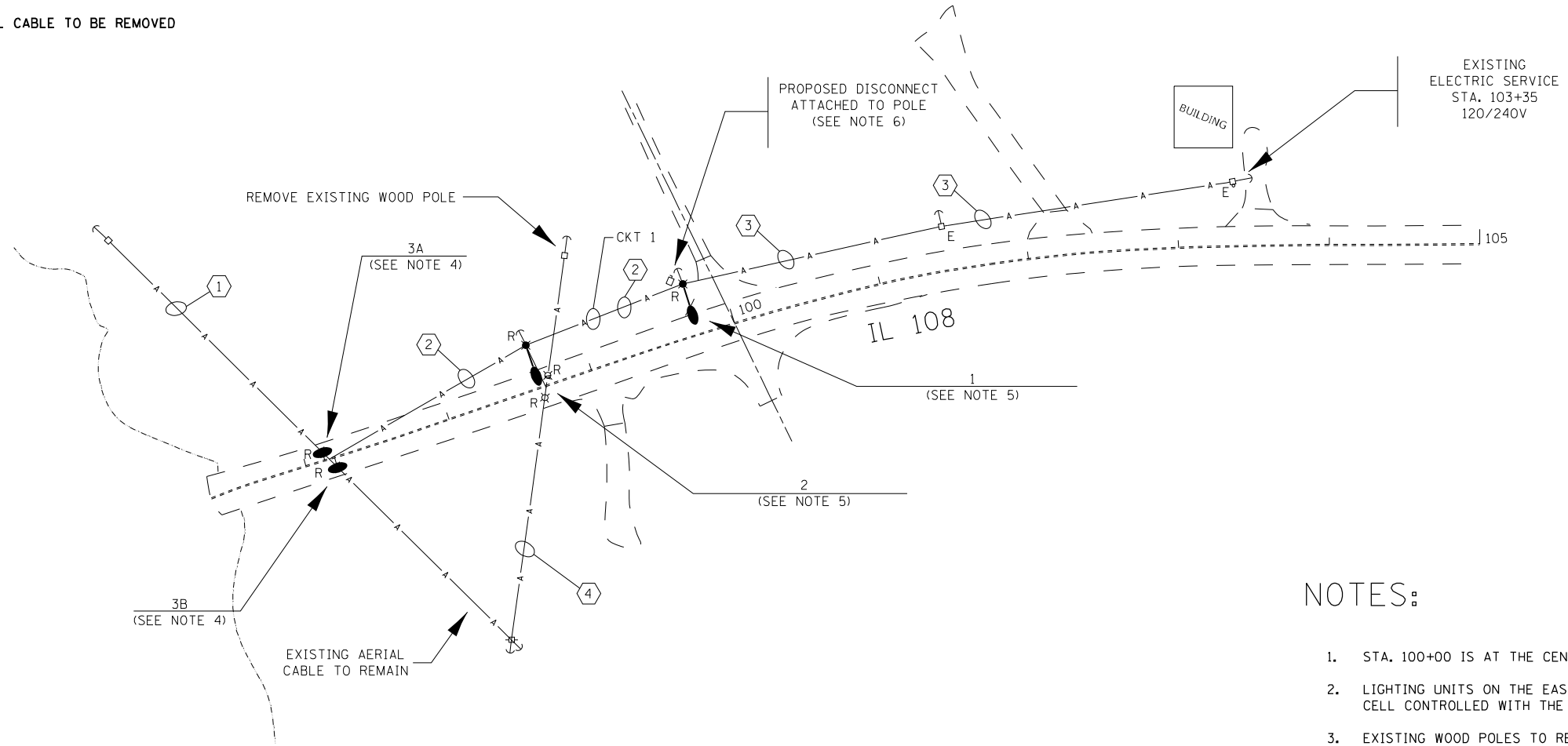
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	22
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				

CONDUCTOR SCHEDULE



- ① EXISTING AERIAL CABLE TO REMAIN, FOR SUPPORT ONLY
- ② PROPOSED AERIAL CABLE 2-1C, NO. 8 WITH MESSENGER WIRE
- ③ EXISTING AERIAL CABLE TO REMAIN
- ④ EXISTING AERIAL CABLE TO BE REMOVED



NOTES:

1. STA. 100+00 IS AT THE CENTER OF THE INTERSECTION.
2. LIGHTING UNITS ON THE EAST SIDE OF RIVER ARE PHOTO CELL CONTROLLED WITH THE PHOTO CELL ON THE LUMINAIRE.
3. EXISTING WOOD POLES TO REMAIN UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING SUSPENDED LUMINAIRES AND INSTALL SUSPENDED LED LUMINAIRES ON EXISTING AERIAL CABLE.
5. REMOVE EXISTING LUMINAIRE AND INSTALL NEW LED LUMINAIRE ON EXISTING WOOD POLE.
6. REMOVE EXISTING DISCONNECT SWITCH AND INSTALL NEW DISCONNECT SWITCH AT SAME LOCATION ON EXISTING WOOD POLE.
7. DISCONNECT SWITCH SHALL BE ATTACHED TO WOOD POLE UTILIZING 2 STAINLESS STEEL U-STRUTS 1 5/8" X 1 5/8" (41 X 41) WITH SLOTTED HOLES AS REQUIRED.

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 OFFICE: DISTRICT 8
 DATE: 3/19/2021

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

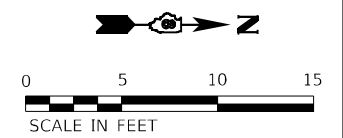
LIGHTING DESIGN PLANS
KAMPSVILLE FERRY EAST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	23
CONTRACT NO. 76L96			ILLINOIS FED. AID PROJECT	

E5

Name	Northing (Y)	Easting (X)	Elevation
PT1	163794.74	97918.63	441.01
PT2	163806.02	97915.59	440.81
PT3	163817.55	97912.48	440.60
PT4	163813.00	97895.59	440.41
PT5	163791.72	97900.19	440.79
PT6	163791.42	97898.81	440.78
PT7	163812.34	97893.17	440.39
PT8	163810.26	97885.45	440.30
PT9	163808.18	97877.72	440.22
PT10	163807.69	97875.91	440.20
PT11	163804.79	97876.69	440.25
PT12	163795.09	97879.31	440.42
PT13	163786.68	97881.58	440.57



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

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DRAWN - EKF	REVISOR -	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

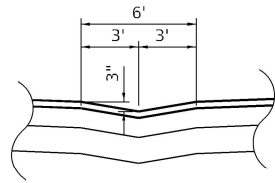
SIDEWALK AND ADA STALL DETAIL

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

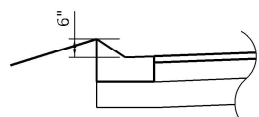
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761	101RS-LOT-1	*	62	24
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				
* CALHOUN & GREENE				

NOTES:

1. SEE PROFILE FOR LOGITUDINAL SLOPES NOT SHOWN.
2. SEE SIDEWALK AND ADA STALL DETAIL FOR ADDITIONAL INFORMATION.
3. ELEVATIONS HAVE BEEN PROVIDED FOR CONSTRUCTABILITY AND DRAINAGE PURPOSES. EXACT ELEVATIONS IN THE FIELD MAY VARY.



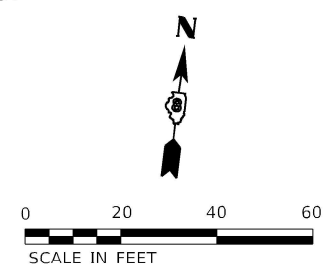
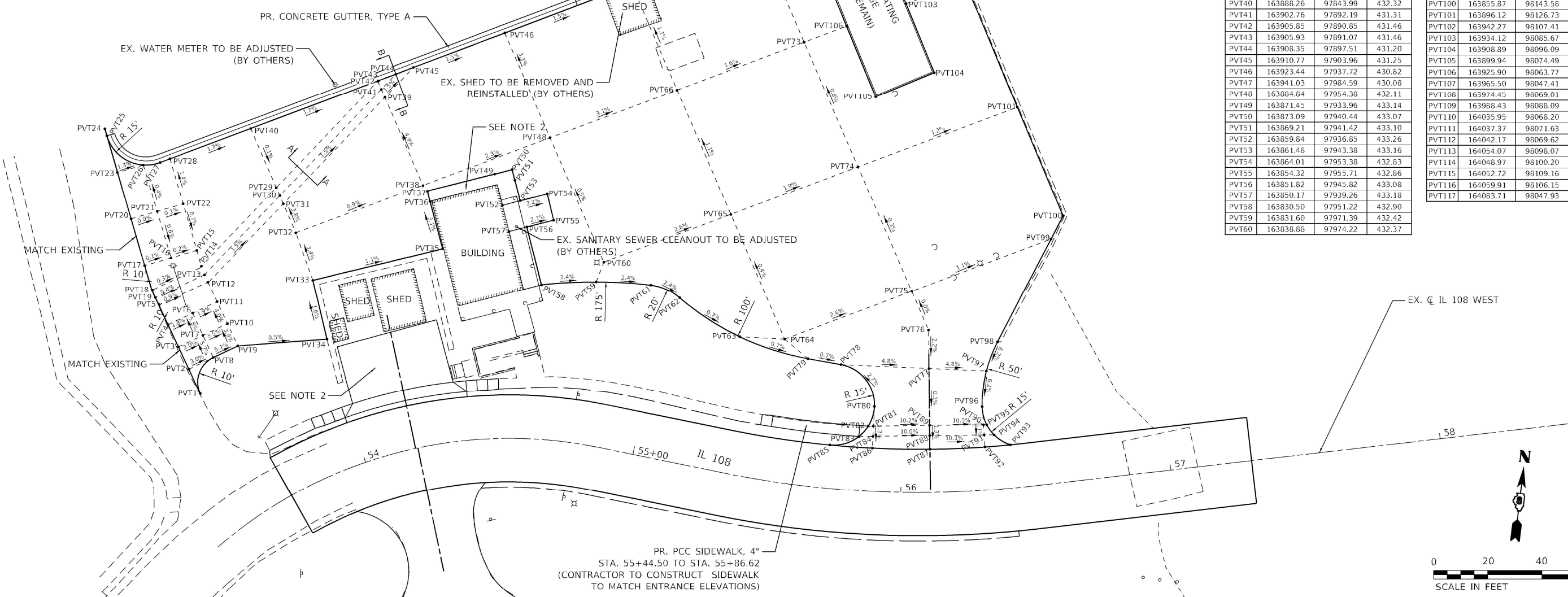
SECTION A-A



SECTION B-B

FROM POINT PVT42 TO POINT PVT45, CONTRACTOR SHALL VARY THE FRONT EDGE OF GUTTER TO ENSURE POSITIVE DRAINAGE.

Name	Northing (Y)	Easting (X)	Elevation
PVT1	163790.44	97825.39	435.98
PVT2	163799.50	97821.14	434.81
PVT3	163807.64	97817.31	434.20
PVT4	163815.79	97813.49	433.65
PVT5	163823.10	97810.29	433.17
PVT6	163820.04	97822.54	433.47
PVT7	163811.89	97826.37	433.99
PVT8	163803.74	97830.19	434.51
PVT9	163807.99	97839.24	434.00
PVT10	163816.14	97835.42	433.64
PVT11	163824.29	97831.60	433.26
PVT12	163831.51	97828.21	432.96
PVT13	163834.22	97826.93	432.71
PVT14	163837.37	97825.79	432.94
PVT15	163843.20	97824.09	432.98
PVT16	163840.44	97814.61	433.00
PVT17	163837.61	97804.89	433.01
PVT18	163828.53	97807.74	433.00
PVT19	163825.73	97808.83	432.99
PVT20	163854.83	97799.88	433.10
PVT21	163857.62	97809.49	433.11
PVT22	163860.42	97819.09	433.11
PVT23	163872.04	97794.86	433.20
PVT24	163888.11	97790.21	433.36
PVT25	163885.59	97790.94	433.36
PVT26	163874.81	97804.36	433.04
PVT27	163875.73	97810.61	432.93
PVT28	163877.09	97814.24	432.87
PVT29	163866.40	97853.42	432.31
PVT30	163863.40	97854.72	432.12
PVT31	163860.41	97856.01	432.34
PVT32	163849.65	97860.65	432.78
PVT33	163832.18	97866.90	433.47
PVT34	163810.47	97872.15	433.83
PVT35	163843.76	97914.78	434.01
PVT36	163861.32	97910.14	433.44
PVT37	163865.18	97909.12	433.38
PVT38	163867.24	97907.52	433.25
PVT39	163899.76	97893.48	431.51
PVT40	163888.26	97843.99	432.32
PVT41	163902.76	97892.19	431.31
PVT42	163905.85	97890.85	431.46
PVT43	163905.93	97891.07	431.46
PVT44	163908.35	97897.51	431.20
PVT45	163910.77	97903.96	431.25
PVT46	163923.44	97937.72	430.82
PVT47	163941.03	97984.59	430.08
PVT48	163984.64	97954.36	432.11
PVT49	163871.45	97933.96	433.14
PVT50	163873.09	97940.44	433.07
PVT51	163869.21	97941.42	433.10
PVT52	163859.84	97936.85	433.26
PVT53	163861.48	97943.38	433.16
PVT54	163864.01	97953.38	432.83
PVT55	163854.32	97955.71	432.86
PVT56	163851.82	97945.82	433.06
PVT57	163850.17	97939.26	433.18
PVT58	163830.50	97951.22	432.90
PVT59	163831.60	97971.39	432.42
PVT60	163838.88	97974.22	432.37
PVT61	163830.36	97991.55	431.93
PVT62	163825.71	98002.16	431.65
PVT63	163811.36	98024.35	431.48
PVT64	163810.51	98040.92	431.29
PVT65	163856.47	98021.09	431.08
PVT66	163902.43	98001.25	430.55
PVT67	163954.40	98020.20	429.52
PVT68	163958.62	98031.45	429.40
PVT69	164055.22	97976.69	429.60
PVT70	164058.75	97988.24	429.78
PVT71	164013.30	98007.85	430.00
PVT72	163965.98	98028.28	429.40
PVT73	163920.02	98048.11	429.72
PVT74	163874.06	98067.95	430.12
PVT75	163828.10	98087.79	429.98
PVT76	163813.78	98093.97	429.97
PVT77	163799.73	98094.14	429.67
PVT78	163801.16	98061.67	431.22
PVT79	163803.32	98049.52	431.30
PVT80	163785.64	98074.02	431.80
PVT81	163778.43	98073.65	431.70
PVT82	163778.41	98071.73	431.90
PVT83	163774.61	98068.32	432.00
PVT84	163774.67	98073.47	431.60
PVT85	163771.46	98057.60	433.29
PVT86	163770.31	98073.25	431.65
PVT87	163769.91	98094.49	429.30
PVT88	163774.92	98094.43	429.55
PVT89	163778.68	98094.39	429.60
PVT90	163778.91	98114.22	427.52
PVT91	163775.16	98114.49	427.52
PVT92	163770.76	98114.81	427.11
PVT93	163771.55	98124.13	426.10
PVT94	163775.20	98118.15	427.29
PVT95	163778.93	98115.42	427.40
PVT96	163785.58	98113.75	427.83
PVT97	163798.80	98115.31	428.66
PVT98	163809.49	98119.40	429.37
PVT99	163847.38	98139.15	429.37
PVT100	163855.87	98143.58	429.37
PVT101	163896.12	98126.73	429.37
PVT102	163942.27	98107.41	429.37
PVT103	163934.12	98085.67	429.40
PVT104	163908.89	98096.09	429.40
PVT105	163899.94	98074.49	429.68
PVT106	163925.90	98063.77	429.57
PVT107	163965.50	98047.41	429.40
PVT108	163974.45	98069.01	429.38
PVT109	163988.43	98088.09	429.37
PVT110	164035.95	98068.20	429.37
PVT111	164037.37	98071.63	429.37
PVT112	164042.17	98069.62	429.37
PVT113	164054.07	98098.07	429.37
PVT114	164048.97	98100.20	429.37
PVT115	164052.72	98109.16	429.37
PVT116	164059.91	98106.15	429.37
PVT117	164083.71	98047.93	429.37



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

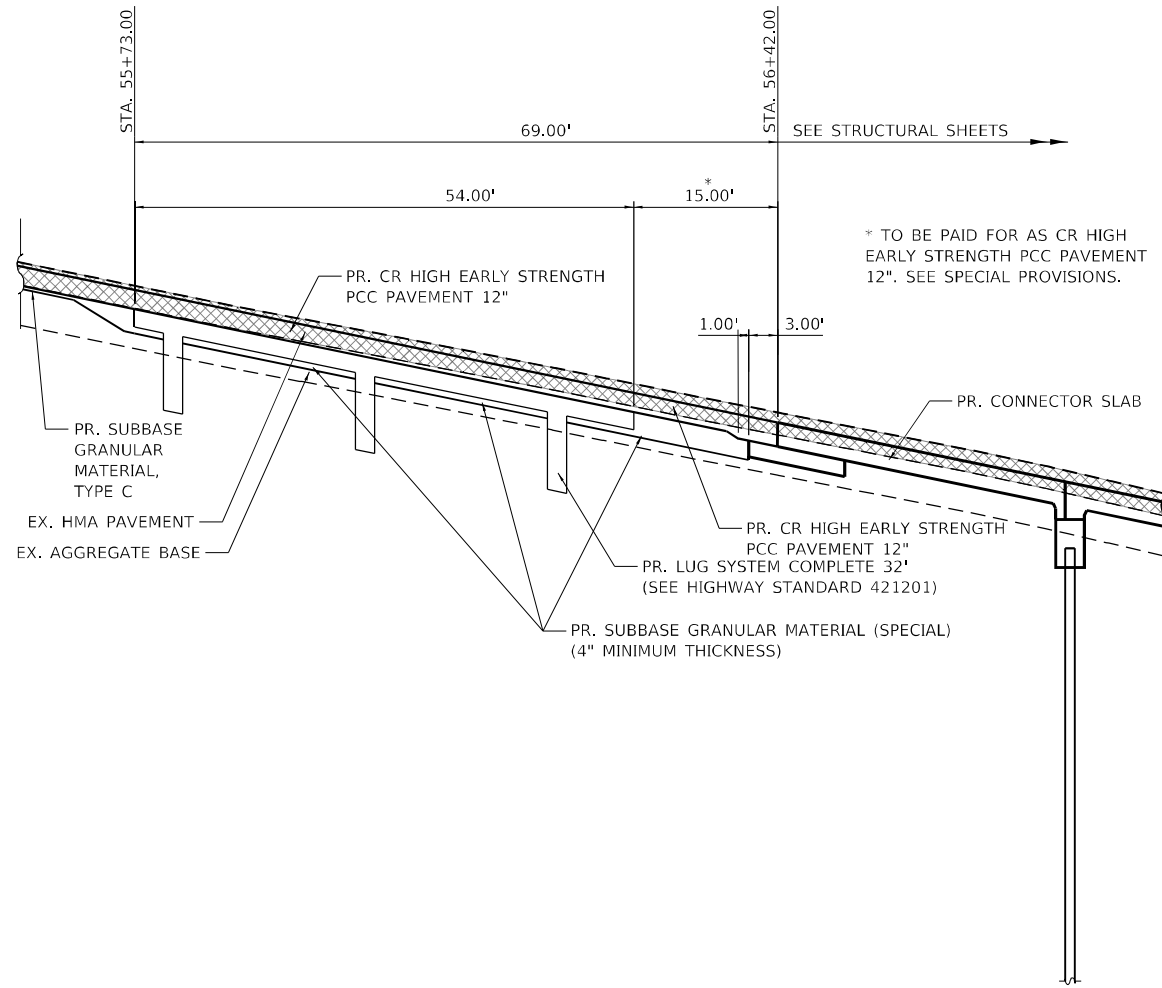
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	DATE - 03/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

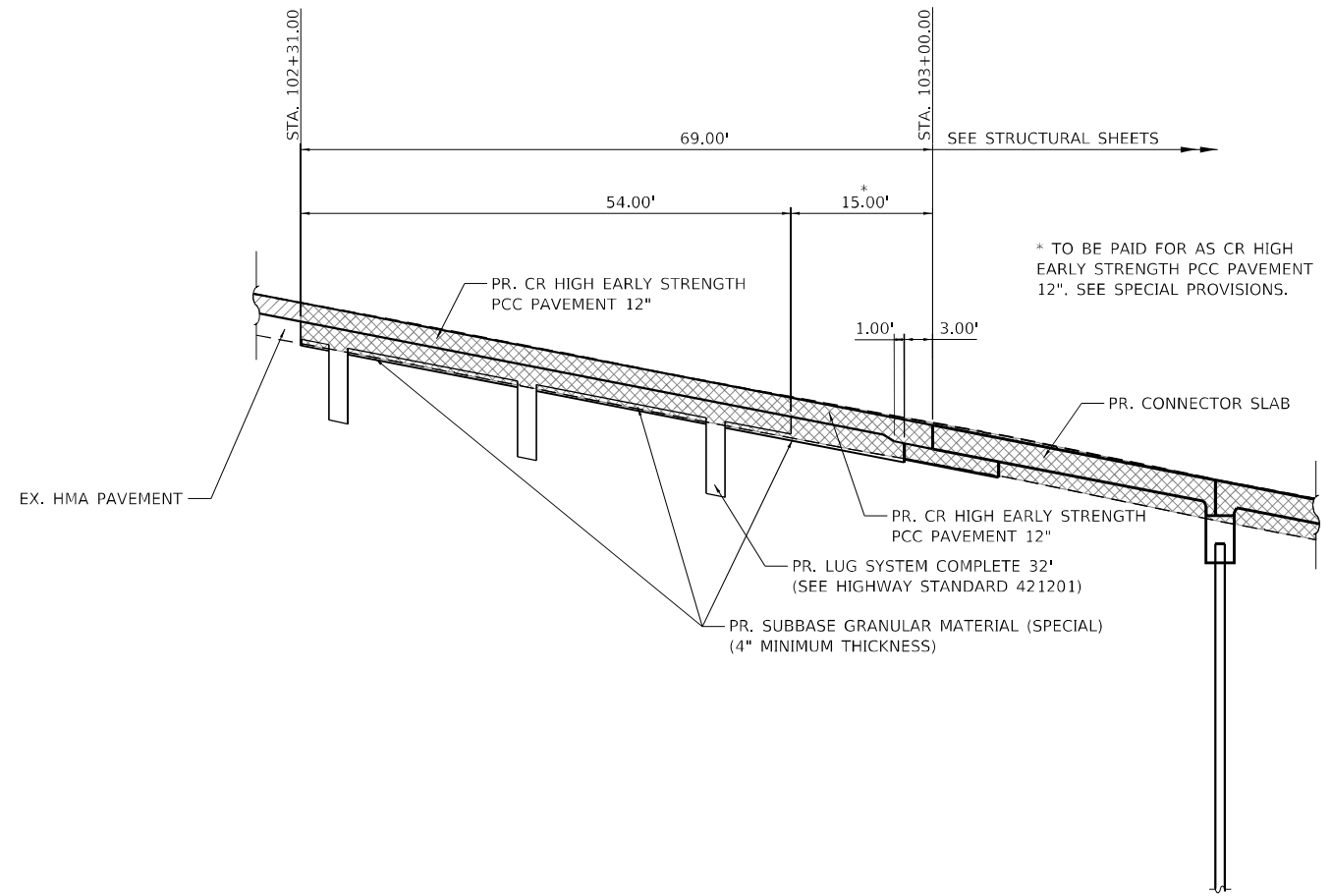
PARKING LOT DETAIL
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	25
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				

* CALHOUN & GREENE



CALHOUN COUNTY



GREENE COUNTY

- HMA SURFACE REMOVAL, VARIABLE DEPTH
- PAVEMENT REMOVAL

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

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CHECKED - JWS	REVISED -
DATE - 03/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MISCELLANEOUS DETAIL
CRCP AND LUG SYSTEM**

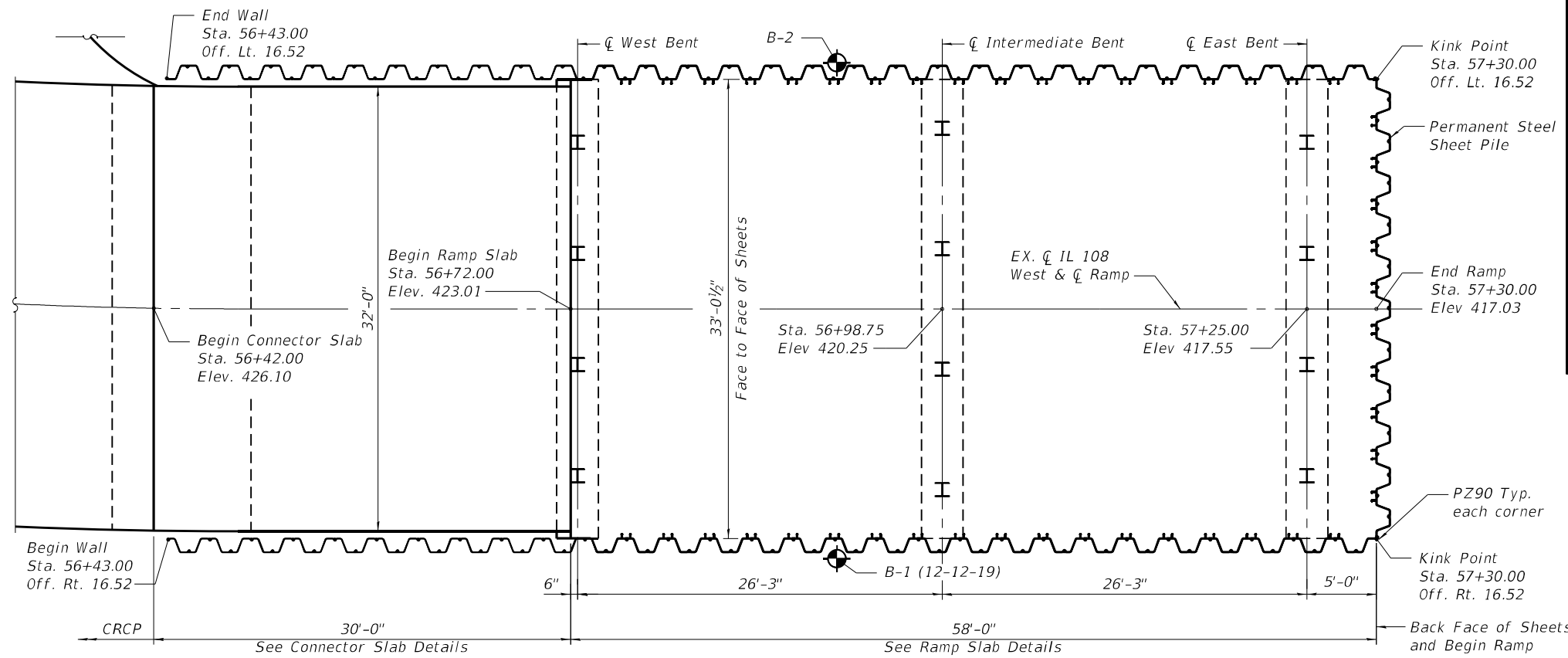
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CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				

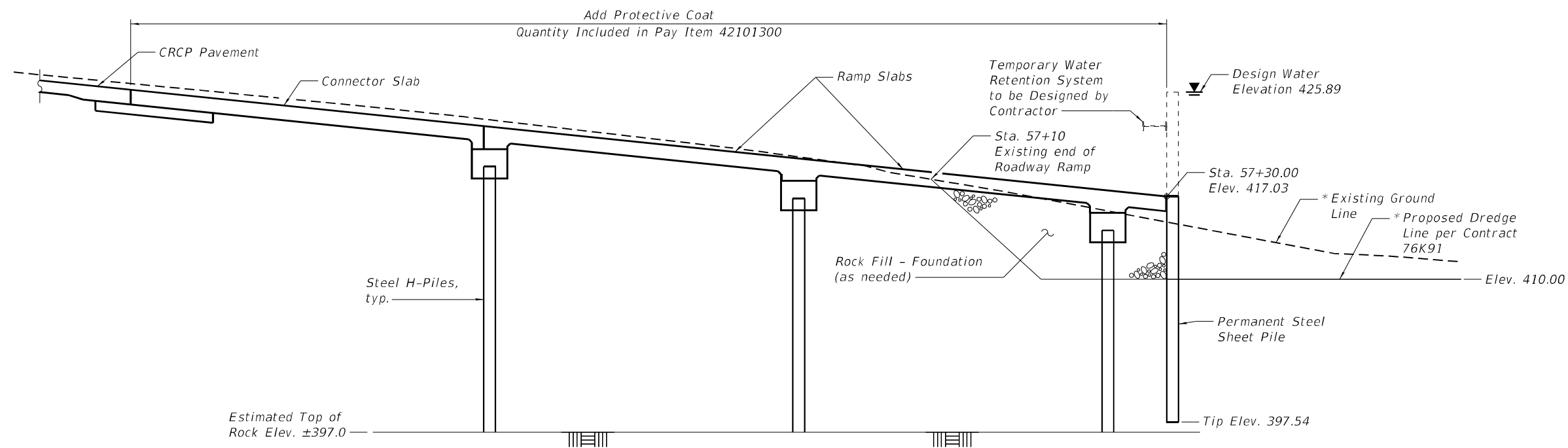
* CALHOUN & GREENE

**TOTAL BILL OF MATERIAL FOR
EAST AND WEST RAMPS**

ITEM	UNIT	SUPER	SUB	TOTAL
Structure Excavation	Cu. Yd.		224	224
Concrete Structures	Cu. Yd.		75.0	75.0
Stud Shear Connectors	Each	184		184
Reinforcement Bars, Epoxy Coated	Pound	107,440	13,700	121,140
Furnishing Steel Piles HP 12x63	Foot		1151	1151
Driving Piles	Foot		1151	1151
Test Pile Steel HP 12x63	Each		2	2
Pile Shoes	Each		24	24
Rock Fill - Foundation	Ton.		269	269
Concrete Superstructure (Approach Slab), Special	Cu. Yd.	288.0		288.0
Permanent Steel Sheet Piling, Special	Sq. Ft.		13,063	13,063
Temporary Water Retention System, Special	Each		2	2



PLAN



**CALHOUN COUNTY (WEST) RAMP
ELEVATION
(Looking North)**

STRUCTURAL GENERAL NOTES :

- RAMPS HAVE BEEN DESIGNED IN ACCORDANCE WITH 2017 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION. DESIGN LOADING IS HL-93.
- PERMANENT STEEL SHEET PILE, SPECIAL SHALL BE ASTM A572 - Fy = 50 KSI. SHEETING HORIZONTAL DIMENSIONS ARE BASED ON P227 SECTIONS. PZC 18 SECTIONS ARE ALSO PERMITTED.
- SEE PLAN AND PROFILE SHEETS FOR RAMP PROFILES.
- TEMPORARY WATER RETENTION SYSTEM SHALL BE DESIGNED FOR DESIGN WATER ELEVATION OF 425.89
- RAMPS ARE NOT DESIGNED FOR SEISMIC OR VESSEL COLLISION LOADING.
- FINAL SHEET PILE CONDITION WAS DESIGNED TO ACCOMMODATE SOIL IN FRONT OF SHEETS TO BE WASHED OUT TO AN ELEVATION OF 410.0.
- SEE SHEET 5 FOR DETAILS OF TEMPORARY WATER RETENTION SYSTEM.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

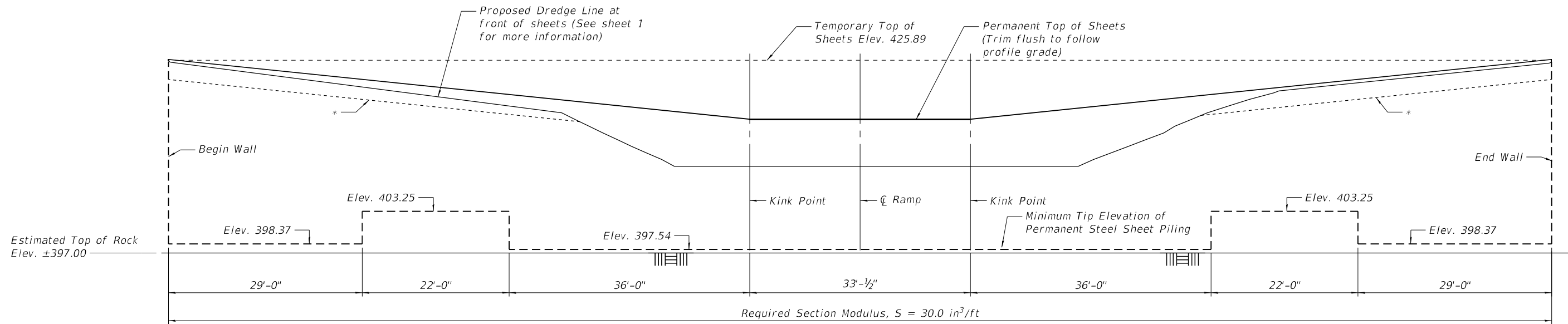
**STRUCTURAL DETAILS
PLAN AND ELEVATION - WEST RAMP**

SHEET 1 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	27
CONTRACT NO. 76L96				

ILLINOIS FED. AID PROJECT

*CALHOUN & GREENE



**UNFOLDED SHEET PILE ELEVATION
WEST RAMP**

**SHEET PILE BILL OF MATERIAL
WEST RAMP**

Permanent Steel Sheet Piling, Special	Sq. Ft	5571
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* Sheet pile as been designed for the permanent condition with a minimum retained height of 3'-0".

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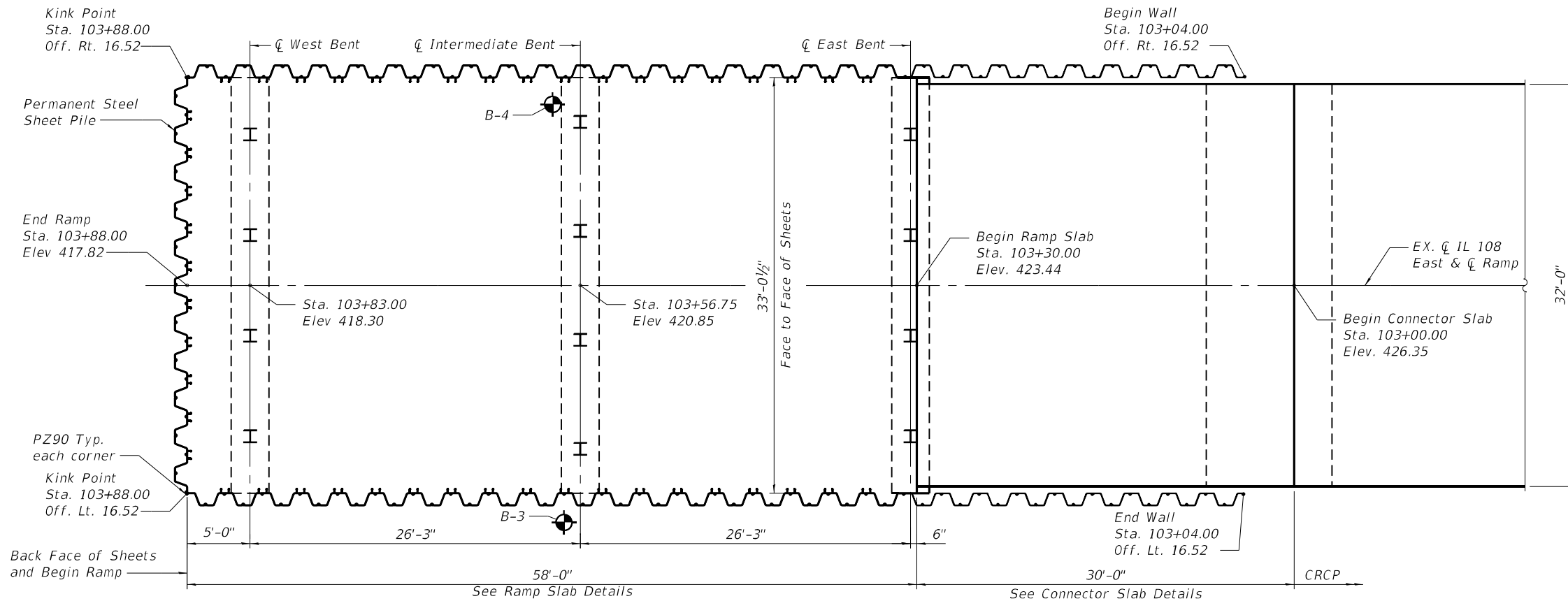
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PLOT DATE =	CHECKED - CDK	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STRUCTURAL DETAILS
UNFOLDED ELEVATION - WEST RAMP**

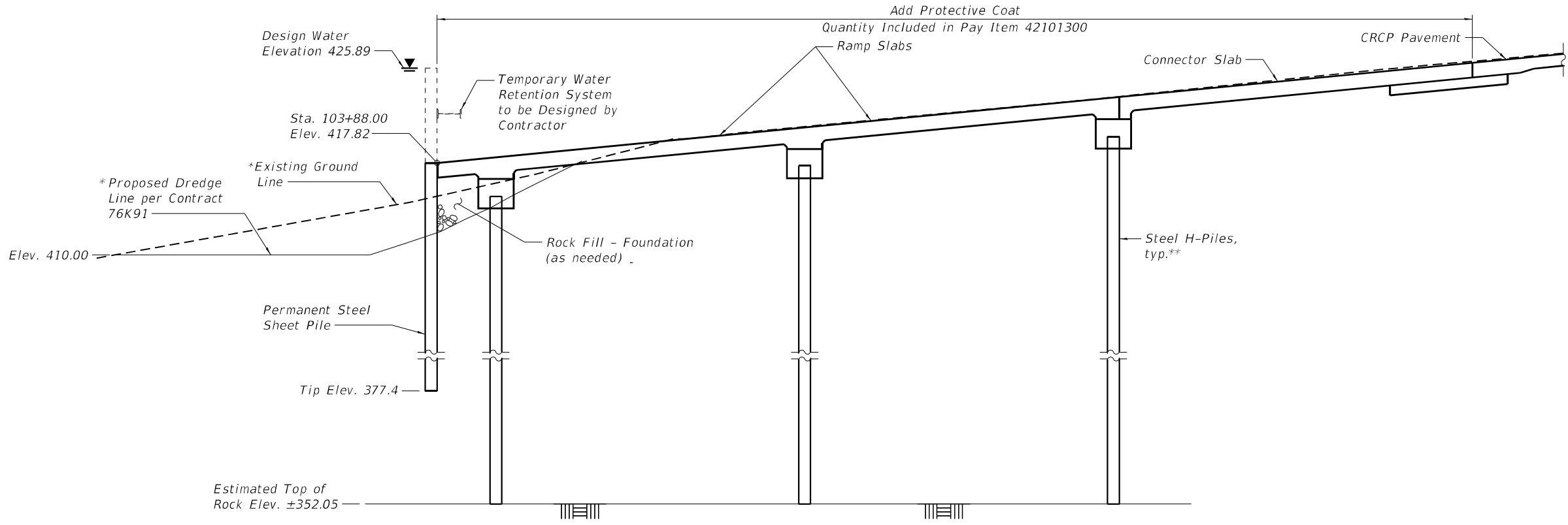
SHEET 2 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	28
CONTRACT NO. 76L96				



PLAN

B1 (12-2-20)



GREENE COUNTY (EAST) RAMP
ELEVATION
(Looking North)

*Proposed dredging per contract 76K91 to be completed by others before ramp construction.

**Test Pile for Greene County Ramp shall be placed approximately 50 feet South of the Intermediate Bent. Final location to be defined by the Engineer.

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USER NAME =	DESIGNED - CDK	REVISED -
	CHECKED - TJR	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL DETAILS
PLAN AND ELEVATION - EAST RAMP

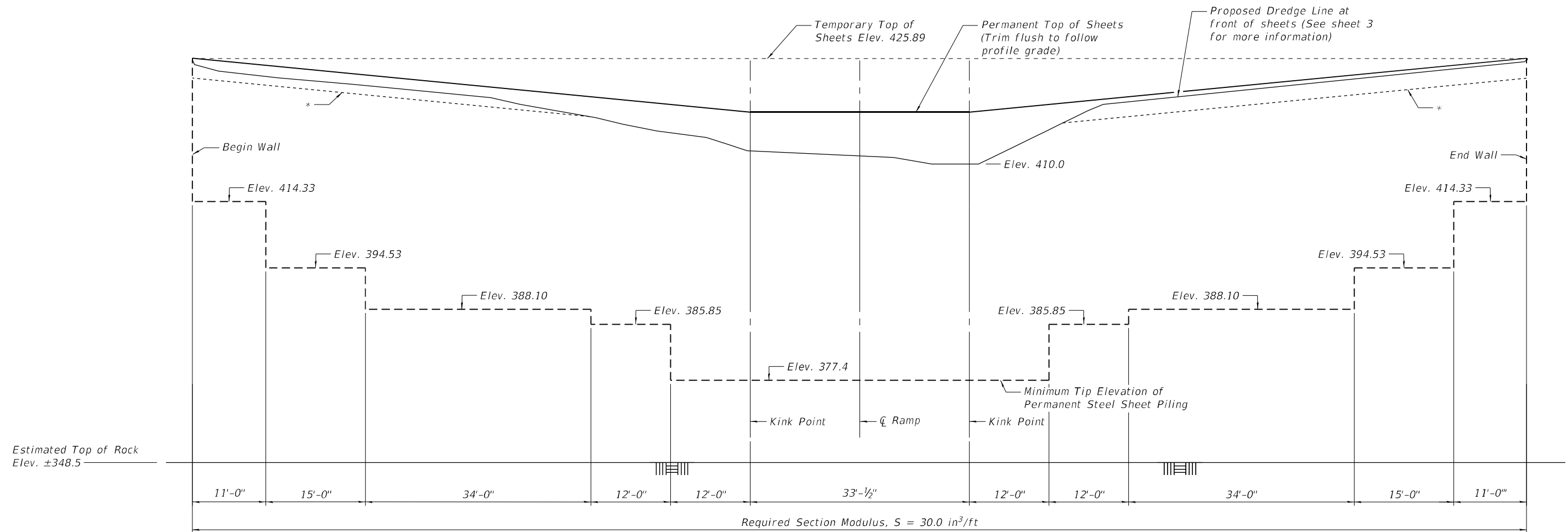
SHEET 3 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	29
CONTRACT NO. 76L96				

ILLINOIS FED. AID PROJECT

*CALHOUN & GREENE

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**UNFOLDED SHEET PILE ELEVATION
 EAST RAMP**

**SHEET PILE BILL OF MATERIAL
 EAST RAMP**

Permanent Steel Sheet Piling, Special	Sq. Ft	7492
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* Sheet pile as been designed for the permanent condition with a minimum retained height of 3'-0".



USER NAME =	DESIGNED - CDK	REVISED -
	CHECKED - TJR	REVISED -
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PLOT DATE =	CHECKED - CDK	REVISED -

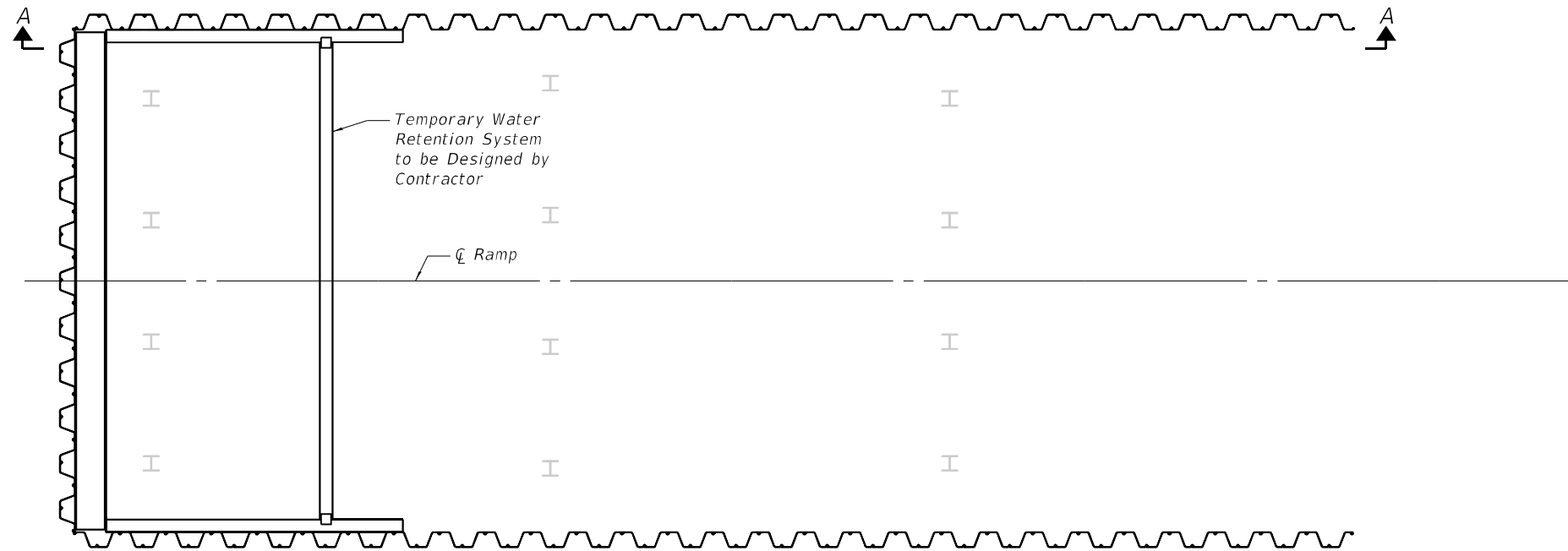
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STRUCTURAL DETAILS
 UNFOLDED ELEVATION - EAST RAMP**

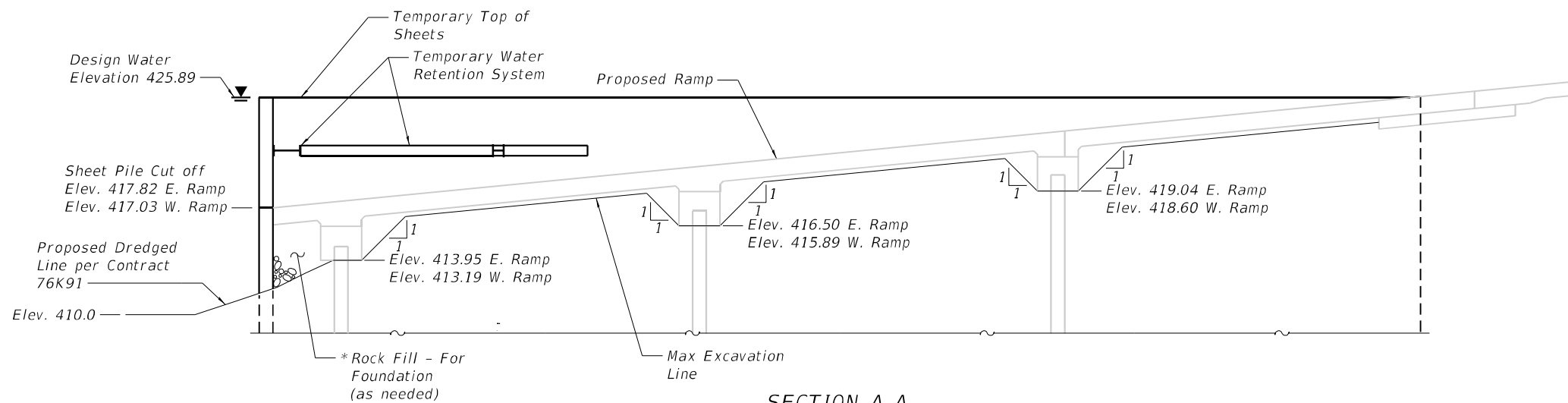
SHEET 4 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	30
CONTRACT NO. 76L96				

ILLINOIS FED. AID PROJECT *CALHOUN & GREENE



PLAN OF TEMPORARY WATER RETENTION SYSTEM



SECTION A-A

NOTE

* Rock Fill - For Foundation may be placed prior to dewatering as needed to facilitate Water Retention System design

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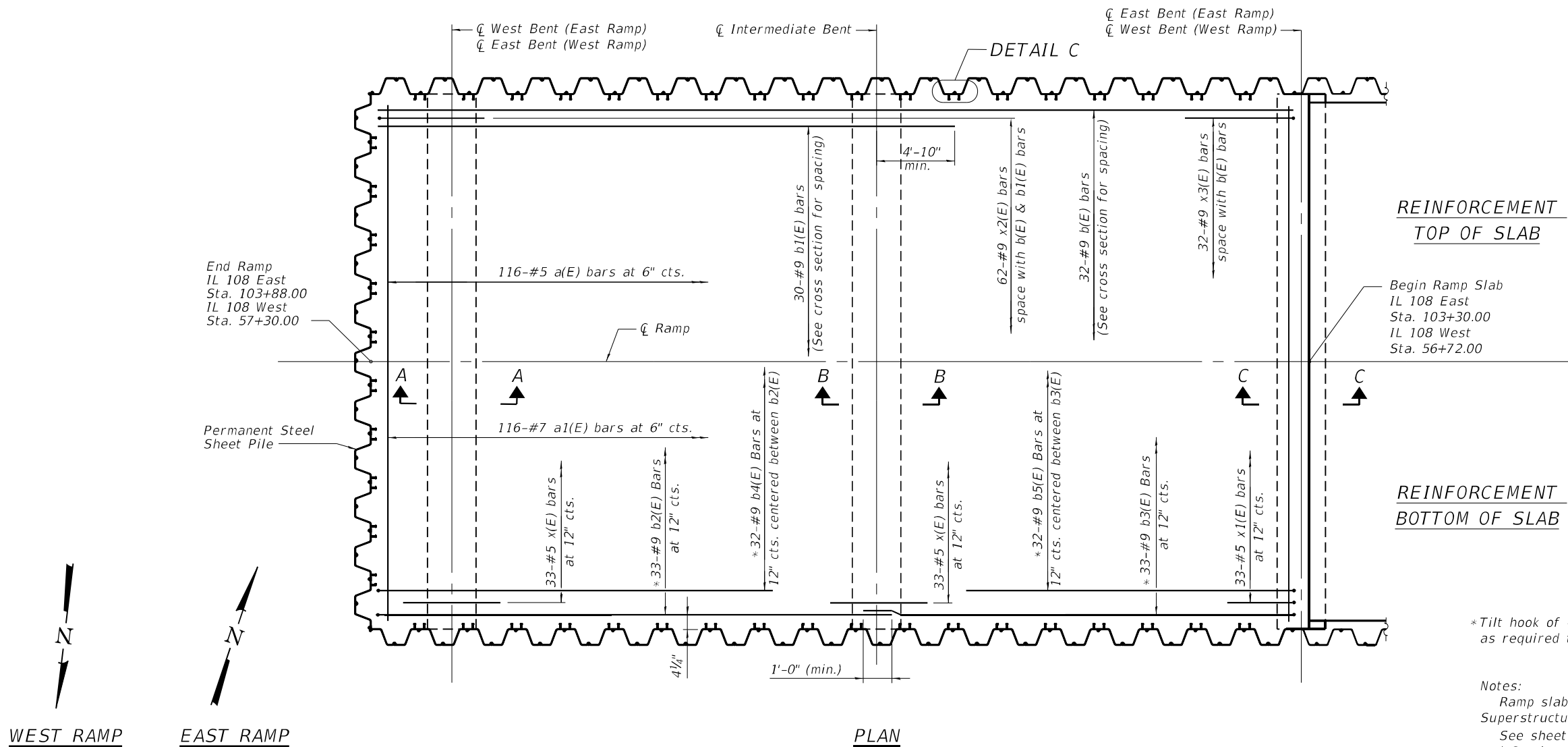
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	CHECKED - TJR	REVISED -
PLOT SCALE =	DRAWN - TJR	REVISED -
PLOT DATE =	CHECKED - CDK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL DETAILS
PLAN AND ELEVATION OF TEMP. WATER RETENTION SYSTEM

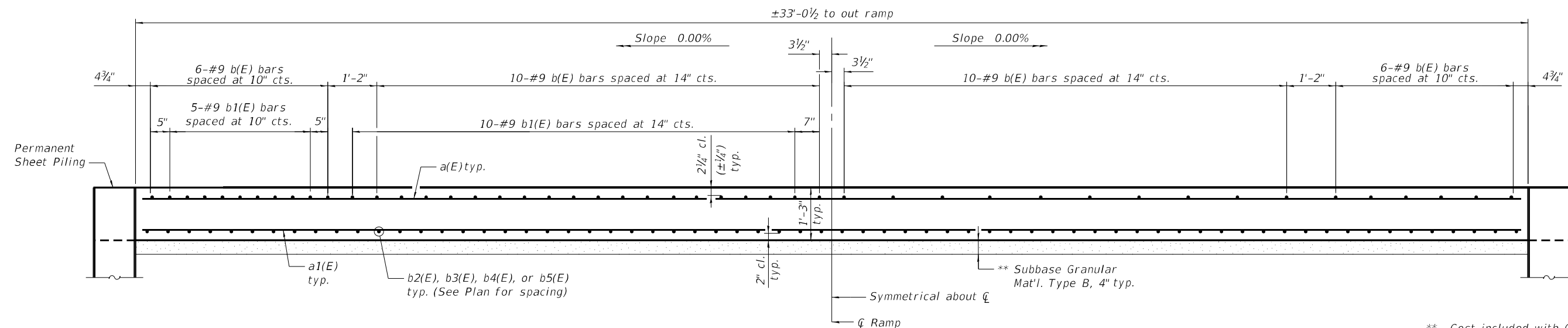
SHEET 5 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76L96	



*Tilt hook of #9 b4(E), b5(E), b6(E), & b7(E) as required to maintain clearance

Notes:
Ramp slab shall be paid for as Concrete Superstructure (Approach Slab), Special.
See sheet 7 for Bill of Material, Detail C, and Sections A-A, B-B, and C-C.



** Cost included with Concrete Superstructure (Approach Slab), Special.

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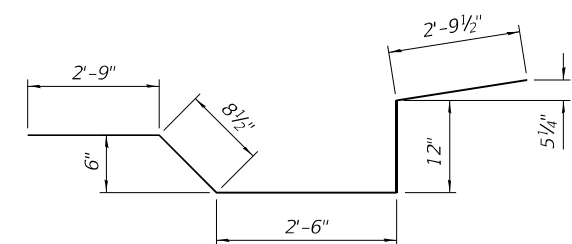
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	CHECKED - TJR	REVISED -
PLOT SCALE =	DRAWN - TJR	REVISED -
PLOT DATE =	CHECKED - CDK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

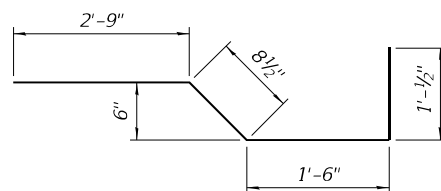
STRUCTURAL DETAILS
RAMP SLAB DETAILS - EAST AND WEST RAMPS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	32
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				

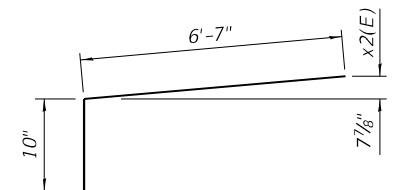
SHEET 6 OF 15 SHEETS



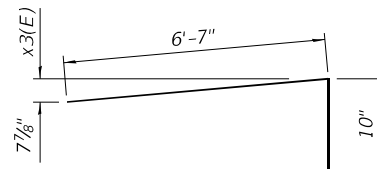
BAR x(E)



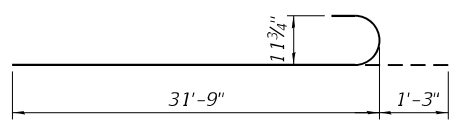
BAR x1(E)



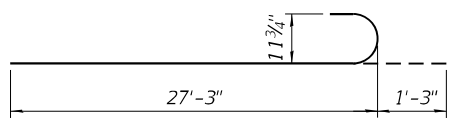
BAR x2(E)



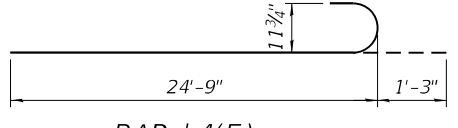
BAR x3(E)



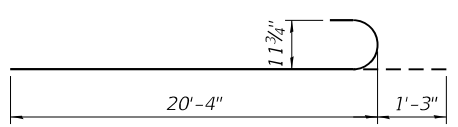
BAR b2(E)



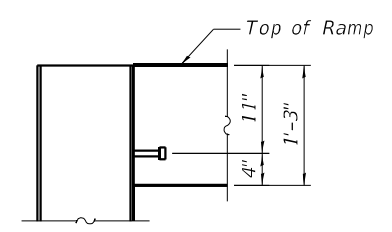
BAR b3(E)



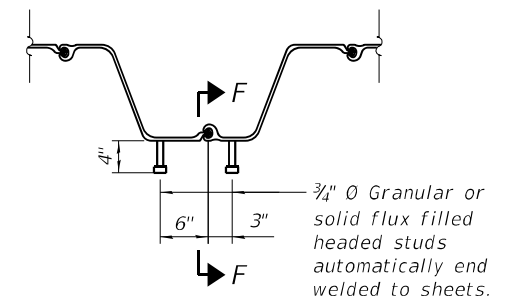
BAR b4(E)



BAR b5(E)



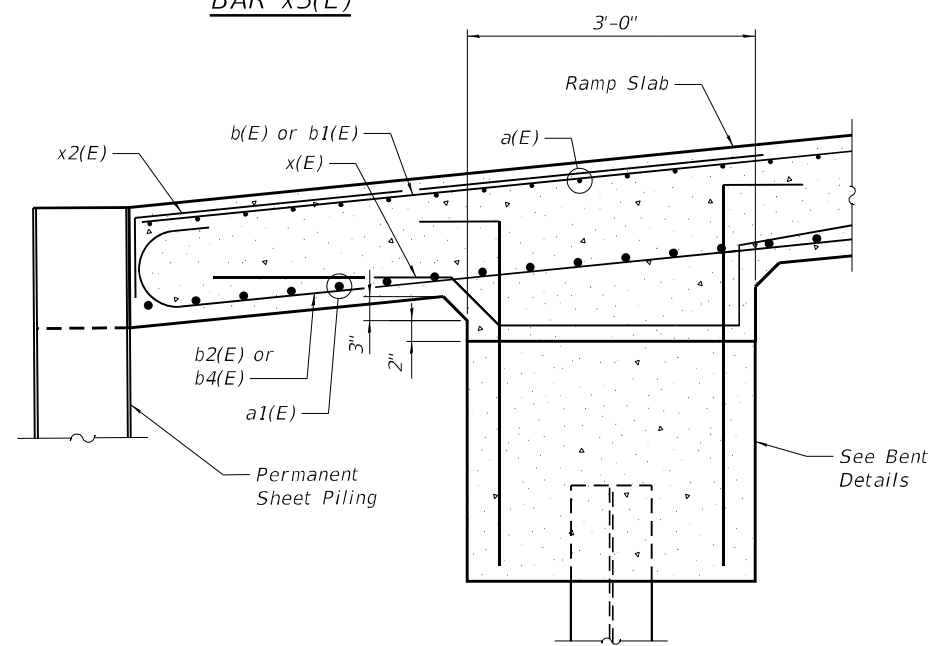
SECTION F-F



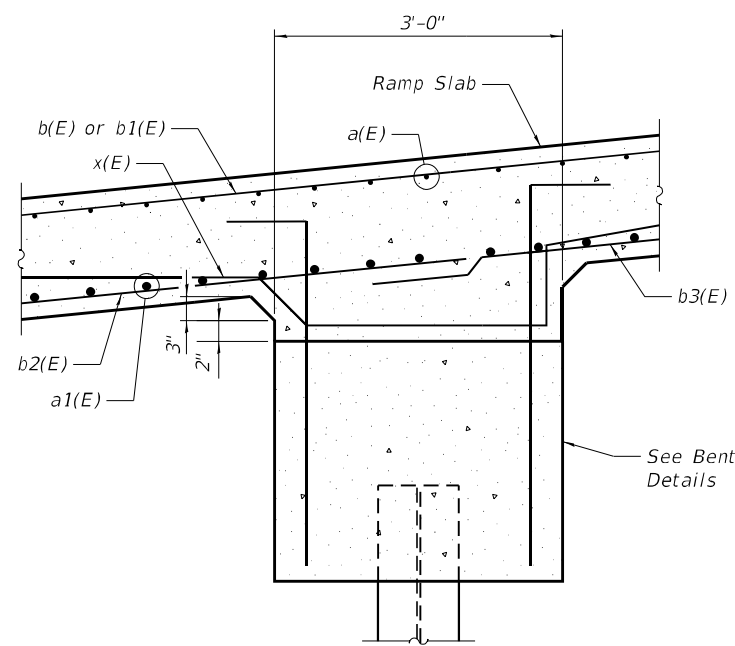
DETAIL C

**BILL OF MATERIAL
FOR 1 RAMP SLAB**

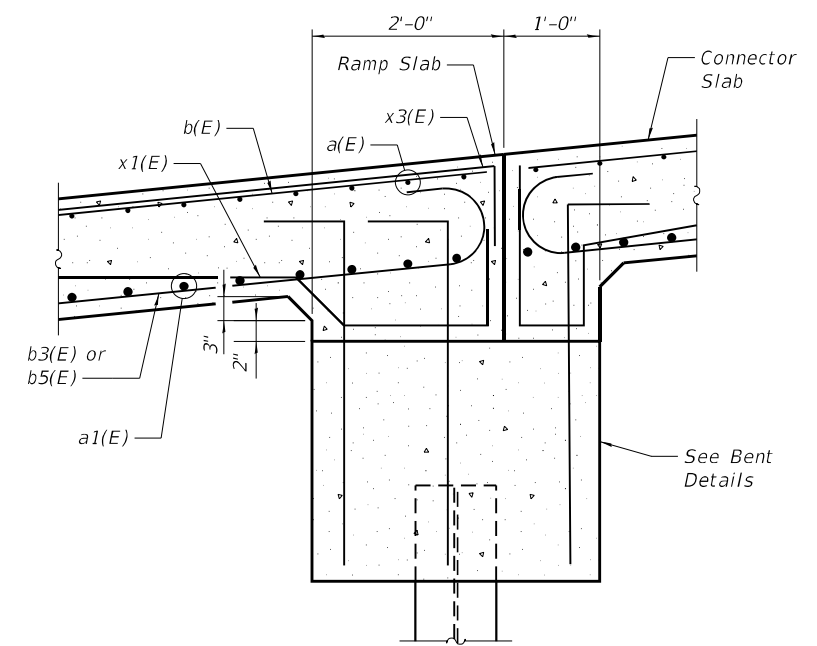
Bar	No.	Size	Length	Shape	
a(E)	116	#5	32'-8"	▬	
a1(E)	116	#7	32'-8"	▬	
b(E)	32	#9	57'-11"	▬	
b1(E)	30	#9	36'-1"	▬	
b2(E)	33	#9	33'-0"	▬	
b3(E)	33	#9	28'-6"	▬	
b4(E)	32	#9	26'-0"	▬	
b5(E)	32	#9	21'-7"	▬	
x(E)	66	#5	9'-9"	▬	
x1(E)	33	#5	6'-0"	▬	
x2(E)	62	#9	7'-5"	▬	
x3(E)	32	#9	7'-5"	▬	
Concrete Superstructure (Approach Slab), Special Stud Shear Connector				Cu. Yd.	98.7
Reinforcement Bars, Epoxy Coated				Pound	37,000



SECTION A-A



SECTION B-B



SECTION C-C

MODEL: Default
FILE NAME: P:\2017\17009\1Kampsville Ferry\4 CADD - DWG\4.4 Struc\Bridge_007_Superstructure Plan and X Sect_Details.dgn
3/5/2021 8:45:40 AM



USER NAME =	DESIGNED - CDK	REVISED -
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PLOT DATE =	DRAWN - TJR	REVISED -
	CHECKED - CDK	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STRUCTURAL DETAILS
RAMP SLAB DETAILS - EAST AND WEST**

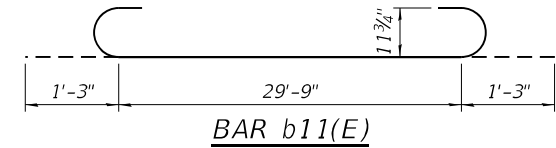
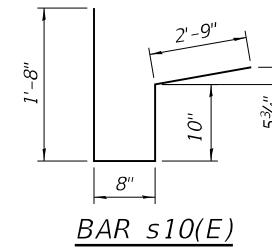
SHEET 7 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	33
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				

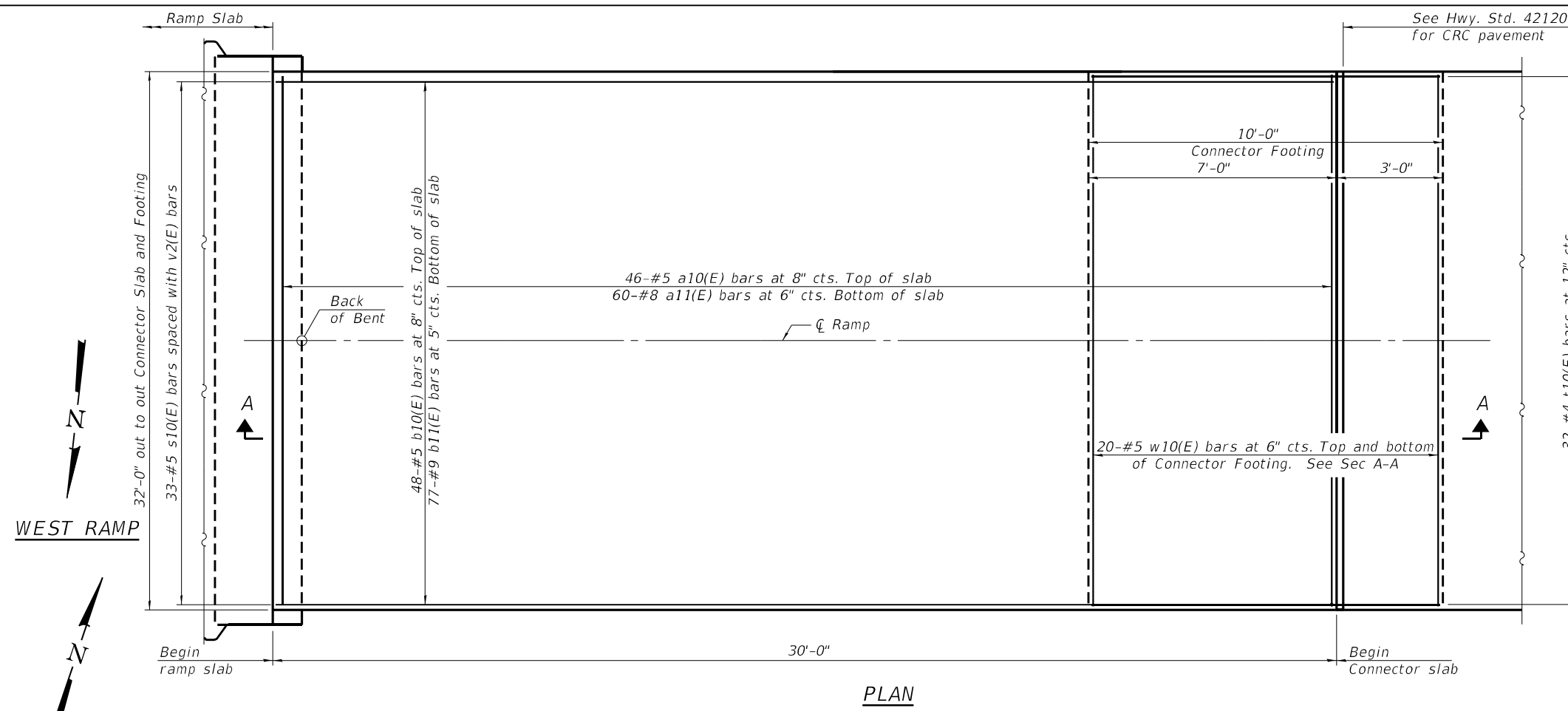
*CALHOUN & GREENE

**BILL OF MATERIAL
FOR 1 CONNECTOR SLAB**

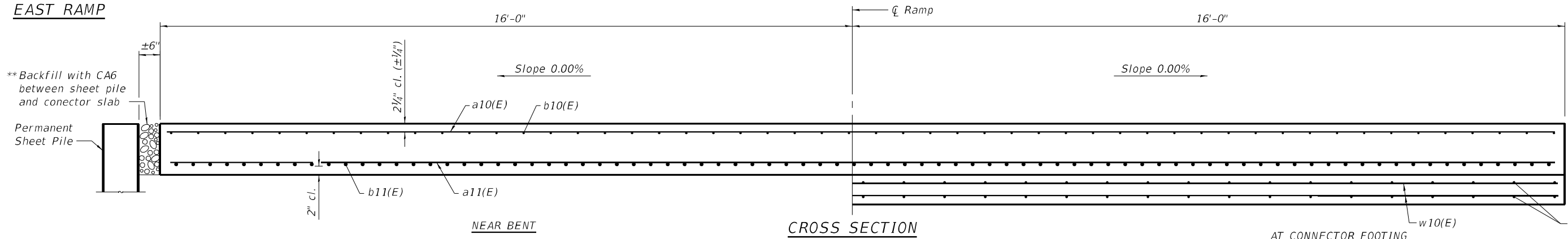
Bar	No.	Size	Length	Shape	
a10(E)	46	#5	31'-8"	—	
a11(E)	60	#8	31'-8"	—	
b10(E)	48	#5	29'-8"	—	
b11(E)	77	#9	32'-3"	U	
t10(E)	64	#4	9'-8"	—	
s10(E)	33	#5	5'-11"	L	
w10(E)	40	#5	31'-8"	—	
Concrete Superstructure (Approach Slab), Special				Cu. Yd.	45.3
Concrete Structures				Cu. Yd.	9.9
Reinforcement Bars, Epoxy Coated				Pound	18,450



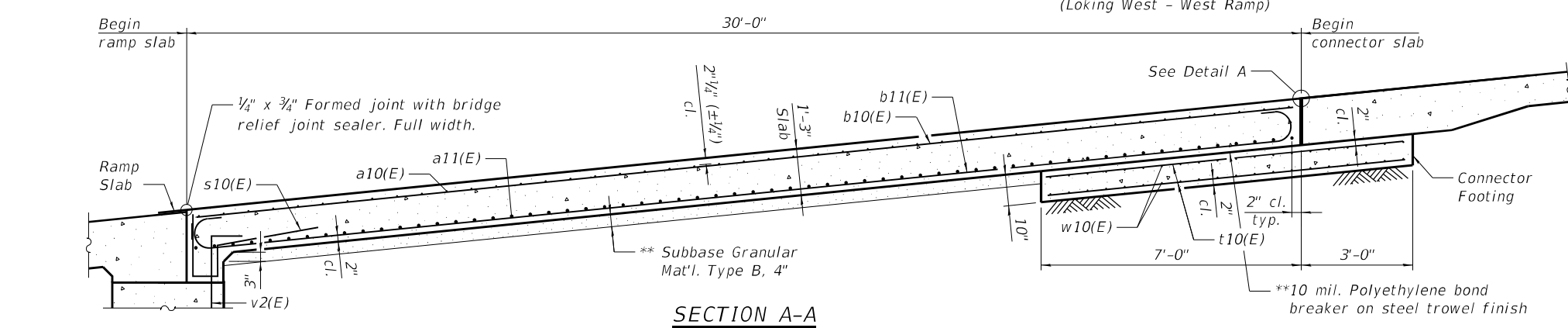
Notes:
 The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. The length used to calculate the adjustment shall be equal to 150'.
 Connector slab shall be paid for as Concrete Superstructure (Approach Slab), special.
 Connector footing concrete shall be paid for as Concrete Structures.
 The connector footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
 Cost of excavation for approach footing included with Concrete Structures.



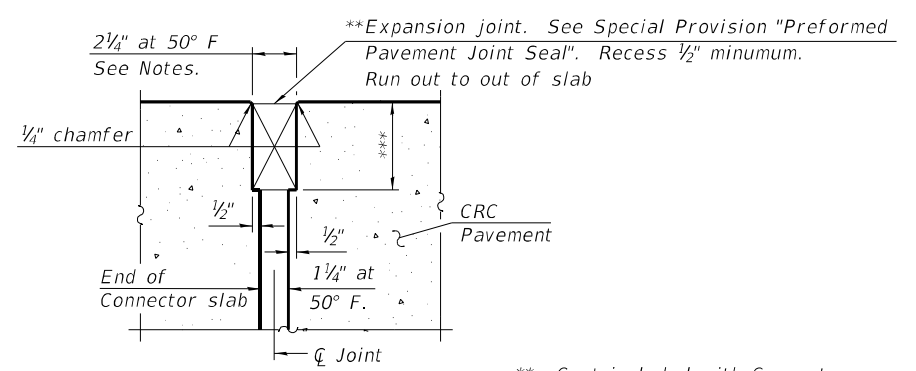
PLAN



CROSS SECTION
(Looking East - East Ramp)
(Looking West - West Ramp)



SECTION A-A



DETAIL A

** Cost included with Concrete Superstructure (Approach Slab), Special.
 *** Per manufacturer recommendations

MODEL: Default
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USER NAME =	DESIGNED - CDK	REVISED -
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PLOT DATE =	DRAWN - TJR	REVISED -
	CHECKED - CDK	REVISED -

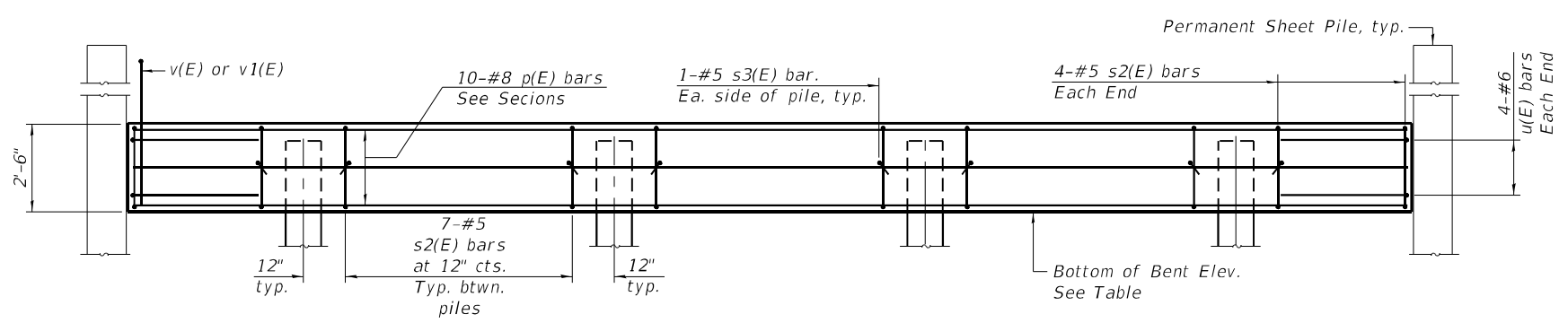
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STRUCTURAL DETAILS
CONNECTOR SLAB DETAILS**

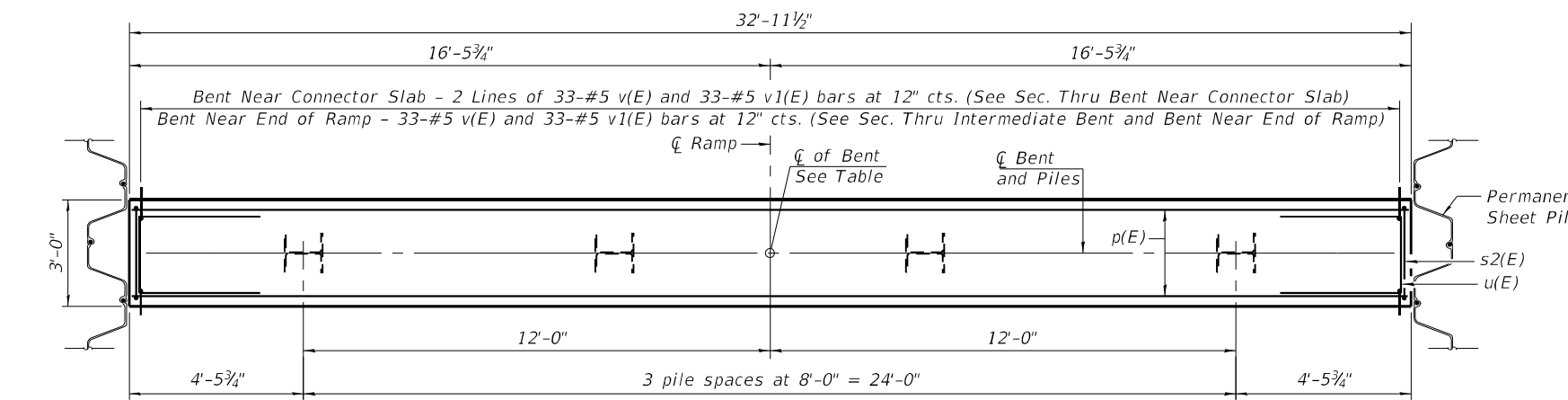
SHEET 8 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	34
CONTRACT NO. 76L96				

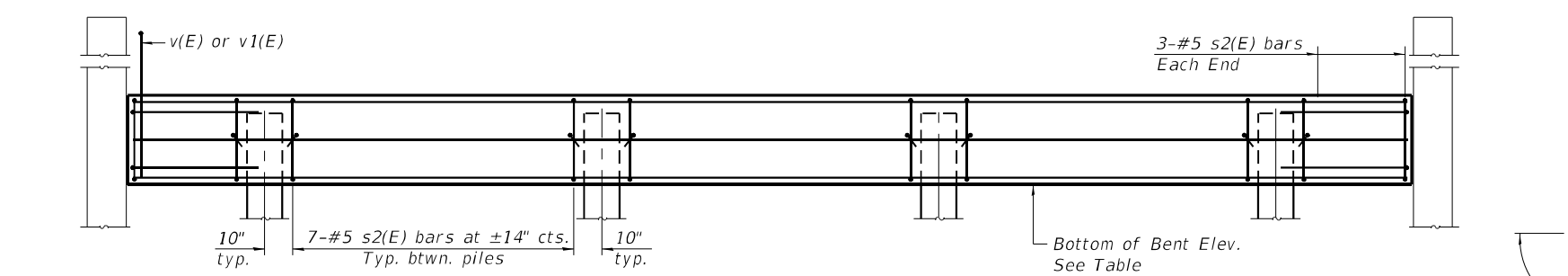
ILLINOIS FED. AID PROJECT *CALHOUN & GREENE



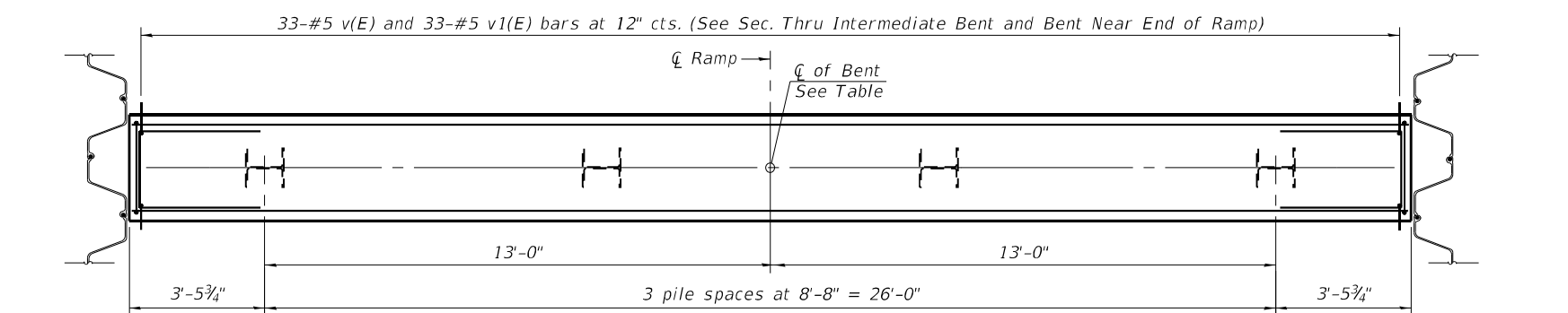
ELEVATION OF EAST AND WEST BENTS



PLAN OF EAST AND WEST BENTS



ELEVATION OF INTERMEDIATE BENT
(See Elevation of East and West Bents for information not shown)

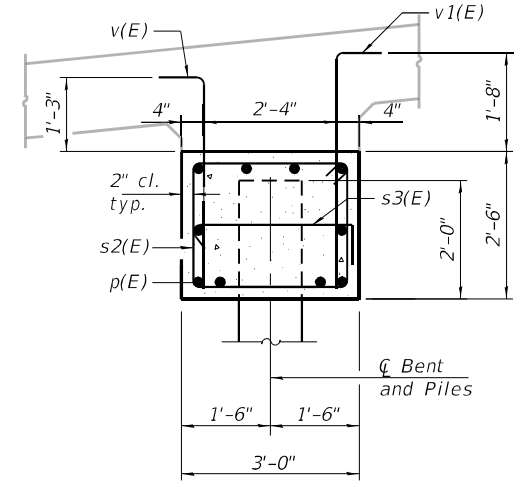


PLAN OF INTERMEDIATE BENT
(See Plan of East and West Bents for information not shown)

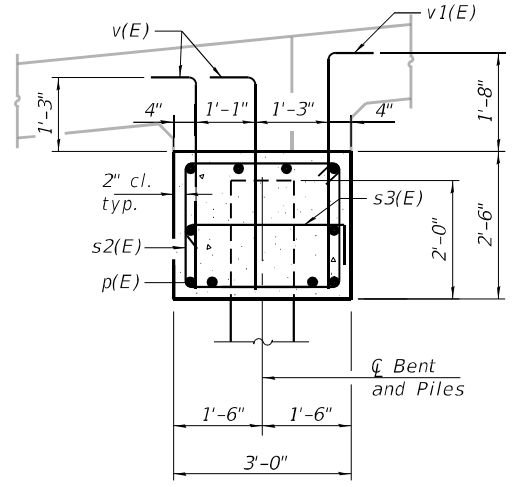
PILE DATA

Type: HP 12x63 with pile shoes
 Nominal Required Bearing: 497 kips
 Factored Resistance Available: 273 kips
 Est. Length: See Table.
 No. Production Piles: 23
 No. Test Piles: 2 (Test Pile in East Bent at the West ramp and 50' South of the Intermediate Bent at the East ramp)

Alignment	Bent	☐ of Bent Sta.	Bottom of Bent Elev.	Est. Pile Length
IL 108 West	West	56+72.50	418.60	35'
IL 108 West	Int.	56+98.75	415.89	32'
IL 108 West	East	57+25.00	413.19	29'
IL 108 East	East	103+30.50	419.04	69'
IL 108 East	Int.	103+56.75	416.50	66'
IL 108 East	West	103+83.00	413.95	64'



SEC. THRU INTERMEDIATE BENT AND BENT NEAR END OF RAMP



SEC. THRU BENT NEAR CONNECTOR SLAB

BILL OF MATERIAL EAST RAMP (3 BENTS)

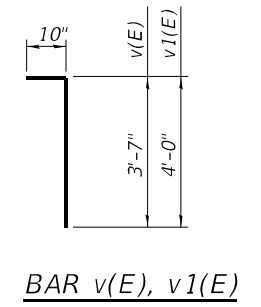
Bar	No.	Size	Length	Shape
p(E)	30	#8	32'-7"	—
s2(E)	85	#5	10'-7"	□
s3(E)	24	#5	3'-8"	┌
u(E)	24	#6	10'-3"	□
v(E)	132	#5	4'-5"	┌
v1(E)	99	#5	4'-10"	┌
Structure Excavation		Cu. Yd.	112	
Concrete Structures		Cu. Yd.	27.6	
Reinforcement Bars, Epoxy Coated		Pound	5120	
Furnishing Steel Piles HP 12x63		Foot	796	
Driving Piles		Foot	796	
Test Pile Steel HP 12x63		Each	1	
Pile Shoes		Each	12	

BILL OF MATERIAL WEST RAMP (3 BENTS)

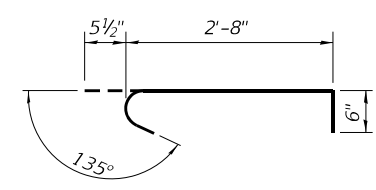
Bar	No.	Size	Length	Shape
p(E)	30	#8	32'-7"	—
s2(E)	85	#5	10'-7"	□
s3(E)	24	#5	3'-8"	┌
u(E)	24	#6	10'-3"	□
v(E)	132	#5	4'-5"	┌
v1(E)	99	#5	4'-10"	┌
Structure Excavation		Cu. Yd.	112	
Concrete Structures		Cu. Yd.	27.6	
Reinforcement Bars, Epoxy Coated		Pound	5120	
Furnishing Steel Piles HP 12x63		Foot	355	
Driving Piles		Foot	355	
Test Pile Steel HP 12x63		Each	1	
Pile Shoes		Each	12	

For details of piles see sheet 10 of 15.

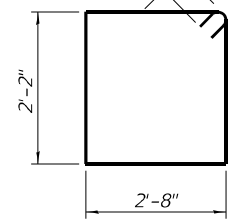
Notes:
 Contractor may pour bent concrete against permanent sheet pile instead of forming and backfilling. This shall be considered backfill for Structure Excavation and no additional compensation will be allowed.



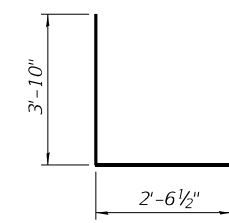
BAR v(E), v1(E)



BAR s3(E)



BAR s2(E)



BAR u(E)

MODEL: Default
 FILE NAME: P:\2017\17009\1Kampsville_Ferry\4_CADD - DWG\4.4_StructBridge_009_Bent_Details.dgn



USER NAME =	DESIGNED - BWP/TJR	REVISED -
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PLOT DATE =	DRAWN - BWP/TJR	REVISED -
	CHECKED - MJJ/BWP	REVISED -

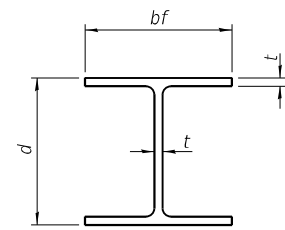
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STRUCTURAL DETAILS
 BENT DETAILS**

SHEET 9 OF 15 SHEETS

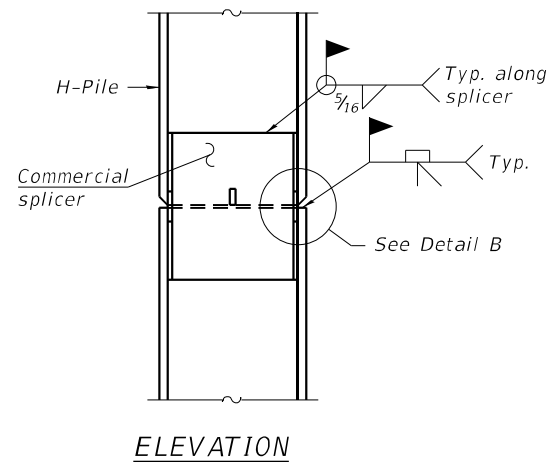
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	35
CONTRACT NO. 76L96				

ILLINOIS FED. AID PROJECT
 *CALHOUN & GREENE

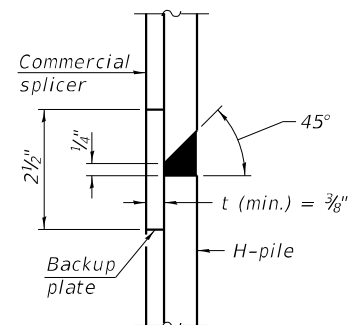


STEEL PILE TABLE

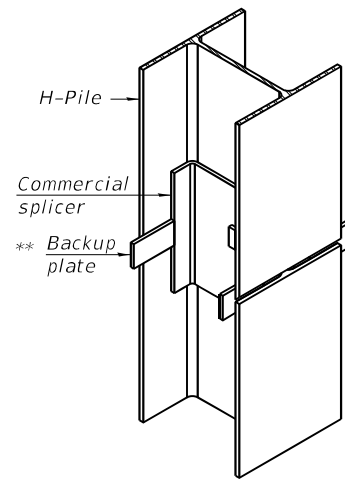
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	1 3/16"	30"
x102	14"	14 3/4"	1 1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 3/8"	14 3/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1 1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



ELEVATION

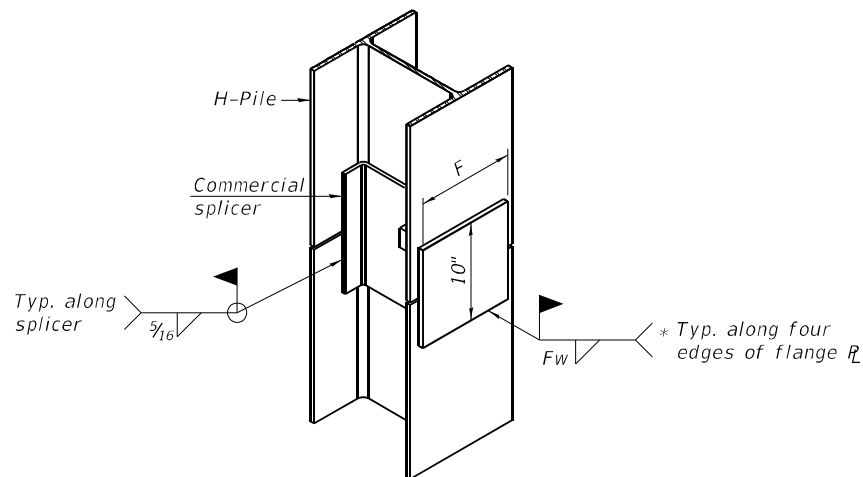


DETAIL "B"



ISOMETRIC VIEW

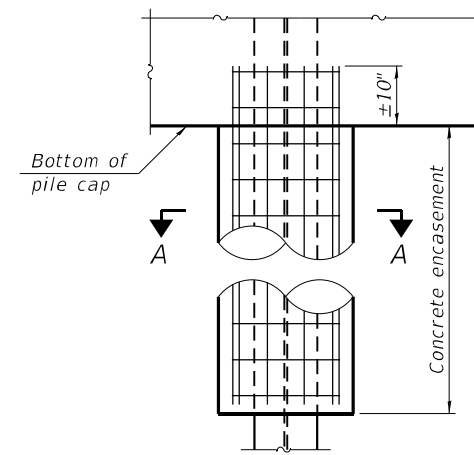
WELDED COMMERCIAL SPLICE



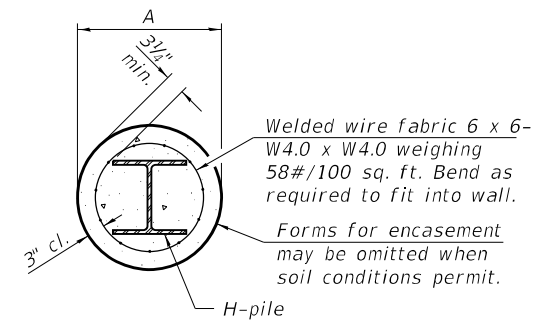
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).

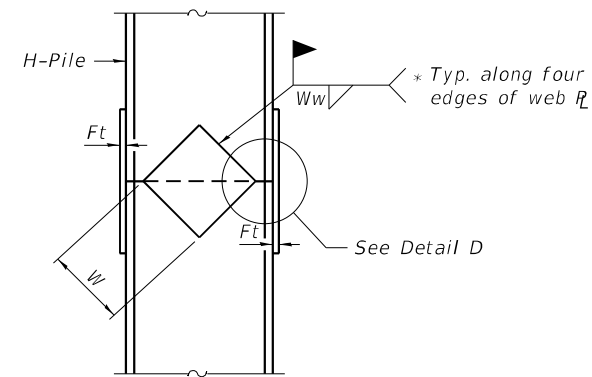


ELEVATION

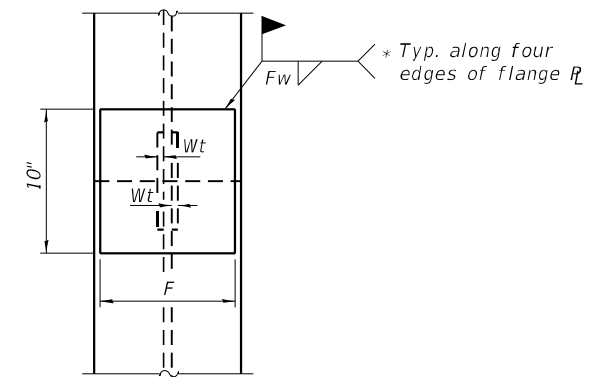


SECTION A-A

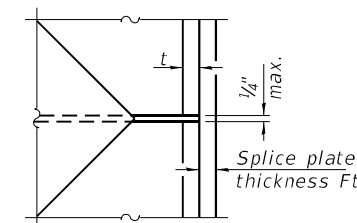
INDIVIDUAL PILE CONCRETE ENCASUREMENT
(when specified)



ELEVATION



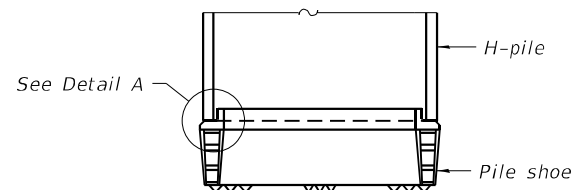
END VIEW



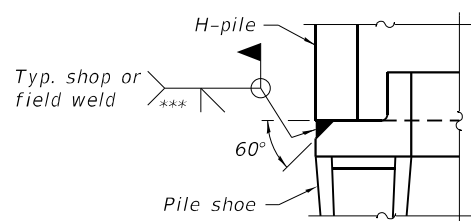
DETAIL D

WELDED PLATE FIELD SPLICE

Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	3/4"	1 1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"



ELEVATION



DETAIL A

SHOE ATTACHMENT

Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.

F-HP 1-1-2020



USER NAME =	DESIGNED - BWP	REVISED -
PLOT SCALE =	CHECKED - DJH	REVISED -
PLOT DATE =	DRAWN - BWP	REVISED -
	CHECKED - DJH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL DETAILS
HP PILE DETAILS - EAST AND WEST RAMPS

SHEET 10 OF 15 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	36
CONTRACT NO. 76L96				

ILLINOIS FED. AID PROJECT

*CALHOUN & GREENE

MODEL: Default
FILE NAME: P:\2017\17009\Kampsville Ferry\4 CAD\4 Struct\Bridge_010_HP_Pile_Details.dgn
3/5/2021 8:57:20 AM



SOIL BORING LOG

ROUTE FAP 761 (IL 108) DESCRIPTION IL 108 Kampsville Ferry LOGGED BY S. Yeager
 SECTION 1011-6 LOCATION North of IL 108, SEC. 2, TWP. 9S, RNG. 2W, 4th PM,
 COUNTY Calhoun DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	ft	E	L	C	O
BORING NO.	P	O	S	I	Stream Bed Elev.	P	L	S	I
Station	T	W	Qu	T	ft	H	S	Qu	T
Offset	H	S			First Encounter	T	W		
Ground Surface Elev.	S	Qu			Upon Completion	H	S	Qu	T
	(ft)	(/6")	(tsf)	(%)	After	(ft)	(/6")	(tsf)	(%)
Gravel & Sandy Clay		14			Sand *Rotary wash began on 18.5ft (Coarse w/ Rough drilling/ rotary) (continued)		7		
		17	0.8	6			10	NC	11
		8	P				10		
	422.00					402.00			
Brown Silty Clay		6			Sand (Coarse w/gravel fragments)		14		
		4	1.0	19			12	NC	13
		3	P				13		
	419.50					399.50			
Brown & Gray Clay		2			Sand(Coarse Boulder ~ 26.8ft)		8		
		3	2.8	28			50/2"	NC	25
		3	P						
	417.00					397.00			
Brown & Gray Silty Clay		3			No Recovery; likely Boulder or Bedrock (Limestone)		50/0		
		2	0.5	28				NC	22
		2	B						
		2							
		3	NC	25	End of Boring				
		2	P		End of Boring				
		3							
		2	NC	27					
		3							
	409.00					393.50			
Silty Sand		1							
		3	0.3	20					
		3	P						
	407.00								
Sand *Rotary wash began on 18.5ft (Coarse w/ Rough drilling/ rotary)		1							
		5	NC	18					
		-							
		-20							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

ROUTE FAP 761 (IL 108) DESCRIPTION IL 108 Kampsville Ferry LOGGED BY S. Yeager
 SECTION 1011-6 LOCATION North of IL 108, SEC. 2, TWP. 9S, RNG. 2W, 4th PM,
 COUNTY Calhoun DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	ft	E	L	C	O
BORING NO.	P	O	S	I	Stream Bed Elev.	P	L	S	I
Station	T	W	Qu	T	ft	H	S	Qu	T
Offset	H	S			Groundwater Elev.:	T	W		
Ground Surface Elev.	S	Qu			First Encounter	H	S	Qu	T
	(ft)	(/6")	(tsf)	(%)	Upon Completion	(ft)	(/6")	(tsf)	(%)
					After	(ft)	(/6")	(tsf)	(%)
Brown, Sandy Clay See Gradation @ 1ft		4			404.50		2		
		3	1.6	22	Loam, Sand & Gravel		4	NC	15
		2	B				3		
	422.00					402.00			
Brown & Gray Clay		1			Sand & Gravel		3		
		1	0.2	27			2	NC	12
		2	B				3		
	417.00					399.50			
Gray Silty Clay		2			Coarse Sand & Gravel		2		
		2	1.2	26			10	NC	12
		2	B				21		
	412.00								
Brownish Gray Silty Clay See Gradation @13.5ft		2					3		
		1	0.8	26			8	NC	13
		3	B				43		
		1					8		
		1	0.8	27			10	NC	13
		2	B				10		
	409.50								
Brown Sandy Lean Clay * Rotary wash began @ 20ft		WH					7		
		1	0.8	32			10	NC	15
		1	B				12		
	407.00								
Brown Sand		2					3		
		2	NC	15	Brown Clay & Gravel See Gradation @36ft		9	0.8	22
		2					50	B	
	407.00								
		2			No Recovery; Terminated	386.00	50/2"		
		6	NC	19	End of Boring				
		6			End of Boring				
		-20							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

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CHECKED - TJR	REVISIONS -	
PLOT SCALE =	DRAWN - TJR	REVISED -
PLOT DATE =	CHECKED - CDK	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STRUCTURAL DETAILS
 SOIL BORING LOGS

SHEET 11 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	37
CONTRACT NO. 76L96			ILLINOIS FED. AID PROJECT	

*CALHOUN & GREENE



SOIL BORING LOG

ROUTE FAP 761 (IL 108) DESCRIPTION Near Kampville Ferry LOGGED BY S. Yeager

SECTION 1011-6 LOCATION South of Ferry, SEC. 24, TWP. 10N, RNG. 14W, 3rd PM,

COUNTY Greene DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. _____	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft	D E P T H	B L O W S	U C S Qu	M O I S T
Station _____					Stream Bed Elev. _____ ft				
BORING NO. <u>B-3</u>	ft (ft)	(/6")	(tsf)	(%)	Groundwater Elev.: _____	ft (ft)	(/6")	(tsf)	(%)
Station <u>0+88 EB</u>					First Encounter <u>419.0</u> ft▼				
Offset <u>23.0 ft CL</u>					Upon Completion _____ ft				
Ground Surface Elev. <u>425.00</u> ft					After _____ Hrs. _____ ft				

Rough drilling from the top Sand & Gravel	13				Gray Clay	WH			
	5	NC	8			WH	<.25	37	
	4					WH	P		
----- 422.00					----- 402.00				
Sandy Clay & Gravel	4				Gray Clay Loam	WH			
	4	NC	11			WH	<.25	37	
	-5					1	P		
----- 419.50									
Sandy Loam & Gravel	9					WH			
	8	NC	9			1	<.25	42	
	6					1	P		
----- 417.00									
Sand & Gravel	7					1			
	5	NC	15			1	NC	40	
	-10					1			
----- 415.50									
Sandy Silt									
	3					WH			
	1	NC	36			WH	<.25	44	
	1					WH	P		
----- 412.00									
Sandy Silt Loam						WH			
	3	NC	21			WH	<.25	46	
	-15					WH	P		
----- 389.50									
Sand						WH			
	2	0.6	30			WH	NC	21	
	3	B				1			
	WH					5			
	WH	1.0	31			7	NC	17	
	2	B				7			
----- 405.00	-20				----- 385.00	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

ROUTE FAP 761 (IL 108) DESCRIPTION Near Kampville Ferry LOGGED BY S. Yeager

SECTION 1011-6 LOCATION South of Ferry, SEC. 24, TWP. 10N, RNG. 14W, 3rd PM,

COUNTY Greene DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. _____	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft	D E P T H	B L O W S	U C S Qu	M O I S T
Station _____					Stream Bed Elev. _____ ft				
BORING NO. <u>B-3</u>	ft (ft)	(/6")	(tsf)	(%)	Groundwater Elev.: _____	ft (ft)	(/6")	(tsf)	(%)
Station <u>0+88 EB</u>					First Encounter <u>419.0</u> ft▼				
Offset <u>23.0 ft CL</u>					Upon Completion _____ ft				
Ground Surface Elev. <u>425.00</u> ft					After _____ Hrs. _____ ft				

Mud Rotary began @40 ft Gray Clay	2				Boring Terminated @60 ft End of Boring End of Boring				
	3	<.25	31						
	3	P							
	WH								
	2	<.25	28						
	-45								
----- 379.50									
Gray Sandy Loam	3								
	3	NC	23						
	4								
	WH								
	WH	NC	36						
	-50								
----- 374.50									
Gray Clay									
	WH								
	WH	<.25	38						
	1	P							
	WH								
	WH	0.6	48						
	-55	B							
	WH								
	WH	NC	50						
	1								
	WH								
	WH	NC	58						
	2								
----- 365.00	-60				----- 365.00	-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL DETAILS
SOIL BORING LOGS

SHEET 12 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	38
			CONTRACT NO. 76L96	
ILLINOIS		FED. AID PROJECT		



ROCK CORE LOG

Date 12/2/20

ROUTE FAP 761 (IL 108) DESCRIPTION IL 108 Ferry Ramp D-98-109-17 LOGGED BY KEG

SECTION 101RS-LOT-1 LOCATION East Ramp to Kampsville Ferry, SEC. 24, TWP. 10N, RNG. 14W, 3rd PM,
Latitude , Longitude

COUNTY Greene CORING METHOD Rock Core

STRUCT. NO. _____ CORING BARREL TYPE & SIZE NQ2
 Station _____
 BORING NO. B1 Core Diameter 2 in
 Station _____ Top of Rock Elev. 352.05 ft
 Offset _____ Begin Core Elev. 352.05 ft
 Ground Surface Elev. 429.05 ft

D E P T H (ft)	C O R E (#)	R E C O V E R Y (%)	R · Q · D · (%)	C O R E T I M E (min/ft)	S T R E N G T H (tsf)
352.05	1	17	0	4	1381.1
	2	94	56	1.33	1837.6
-80					
	3	88	81	1.4	2392.5
-85					
	4	100	100	2	2709.4
342.05					
-90					
-95					

End of Rock Core
 End of Boring

Color pictures of the cores Yes
 Cores will be stored for examination until _____
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
 BBS, form 138 (Rev. 8-99)

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STRUCTURAL DETAILS
 SOIL BORING LOGS

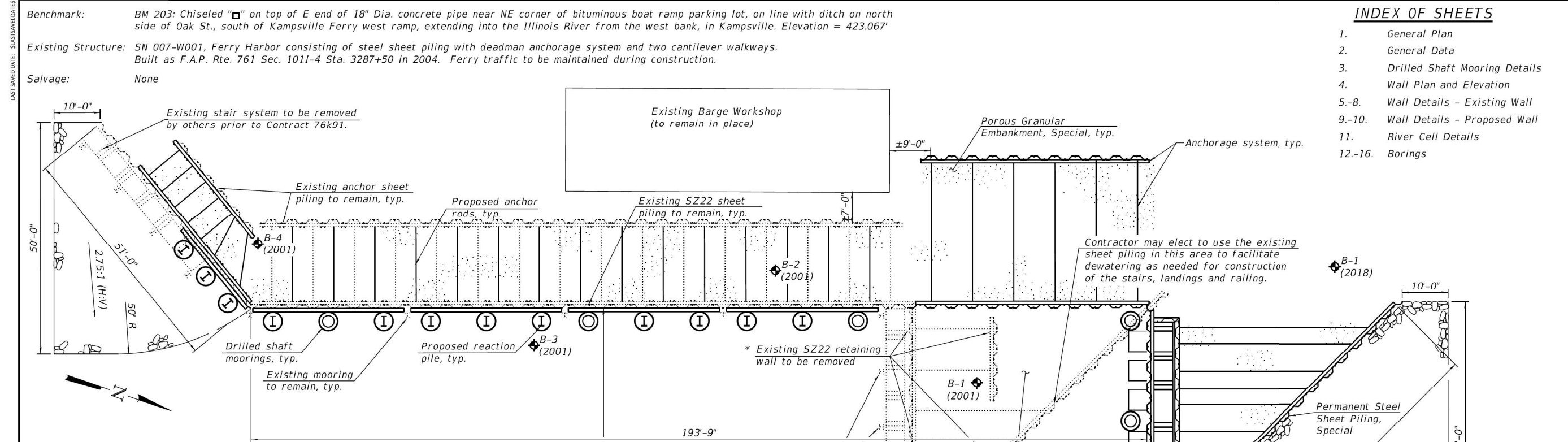
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	41
CONTRACT NO. 76L96				

FOR INFORMATION ONLY

LAST SAVED DATE: 5/25/2021 10:00:00 AM

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DESIGN SPECIFICATIONS

RIVER CELL

2017 AASHTO LRFD Bridge Design Specifications, 8th Edition

SHORE WALL

2002 AASHTO Standard Specifications for Highway Bridges

DESIGN LOADING

SHORE WALL

Live Load Surcharge = 240 psf
Granular Backfill
Equivalent Fluid Pressure = 30 pcf

STAIRWAY

Live Load = Greater of 100 psf uniform load or 300 lb. concentrated load
Max Deflection = 1/4"

RIVER CELL

Rock Fill Equivalent Fluid Pressure = 30 pcf
Lateral Force on Cell = 826 k (Dynamic Ice Force)
Point of Application = Elev. 431.00

DESIGN STRESSES

FIELD UNITS (NEW CONSTRUCTION)

f'c = 3,500 psi (Concrete)
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (Sheet Piling)
Fu = 150,000 psi ASTM A722 (Anchor Rods)
fy = 50,000 psi (AASHTO M270, Grade 50)

FIELD UNITS (EXISTING 2003 CONSTRUCTION)

f'c = 38,500 psi (Sheet Piling)
fy = 50,000 psi AASHTO M270, Grade 50W (Structural Steel)
Fu = 60,000 psi ASTM A307 (Anchor Rods)

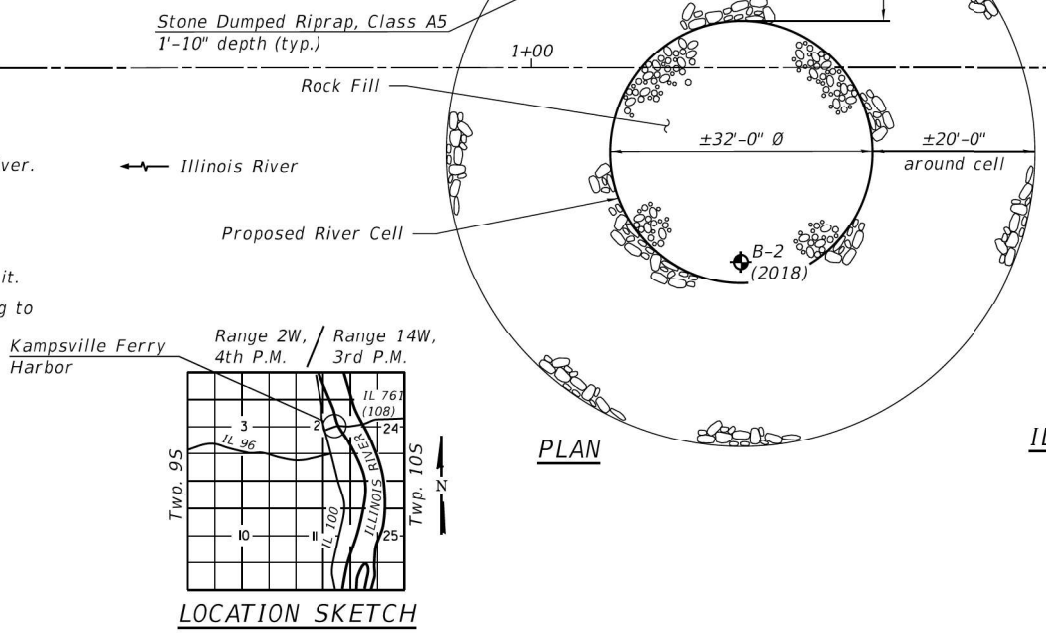
* Cost included with "Removal of Existing Structures". Quantity of existing SZ22 sheet piling to be removed = 3,330 sq. ft.

SCOPE OF WORK

1. Retrofit the existing south section of shore wall as shown.
2. Remove north section of shore wall that extends eastward into the river.
3. Extend shore wall approximately 53 ft. northward and provide new section that extends eastward into the river.
4. Install new stairs on the new shore wall as shown.
5. Add a River Cell east of the new shore wall with riprap surrounding it.
6. Dredge the river bottom to Elev. 410.0 at the shorewall and according to the cross-sections

BORING TABLE

Item	Station	Offset
B-1 (2001)	1+11.12	59.78 Rt.
B-2 (2001)	1+54.74	84.16 Rt.
B-3 (2001)	2+06.96	68.05 Rt.
B-4 (2001)	2+66.67	90.07 Rt.
B-1 (2018)	0+33.60	84.94 Rt.
B-2 (2018)	0+74.39	23.77 Lt.



INDEX OF SHEETS

1. General Plan
2. General Data
3. Drilled Shaft Mooring Details
4. Wall Plan and Elevation
- 5-8. Wall Details - Existing Wall
- 9-10. Wall Details - Proposed Wall
11. River Cell Details
- 12-16. Borings



GENERAL PLAN
F.A.I. RT. 761 (IL 108)
KAMPSVILLE FERRY HARBOR
ILLINOIS RIVER AT KAMPSVILLE
PUBLIC WATERS
SECTION 1011-6
CALHOUN COUNTY
STA. 3287+50.00
STRUCTURE NO. 007-W001

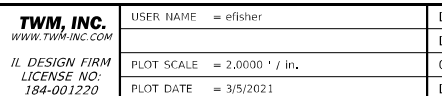


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PLOT DATE = 11/11/2020	CHECKED - SDS	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRUCTURE NO. 007-W001
SHEET NO. 1 OF 16 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	1011-6	CALHOUN	45	11
CONTRACT NO. 76K91				
ILLINOIS FED. AID PROJECT				



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DATE = 03/2021	DATE - 03/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**2020 SEAWALL PLANS
(FOR INFORMATION ONLY)**
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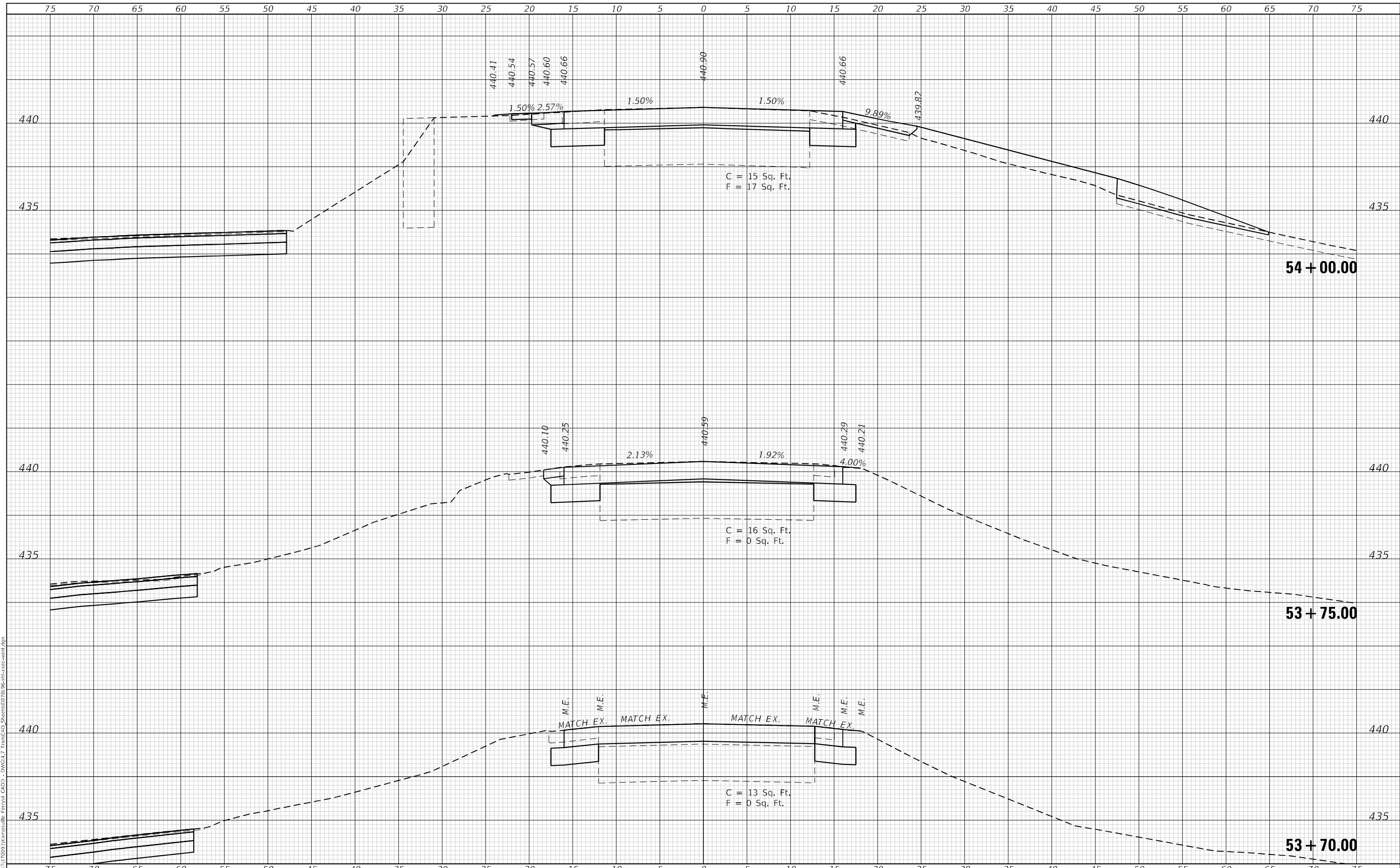
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761	101RS-LOT-1	*	62	42
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				

* CALHOUN & GREENE

FINAL SURVEY NO.	SURVEYED	DATE
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AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 108 WEST

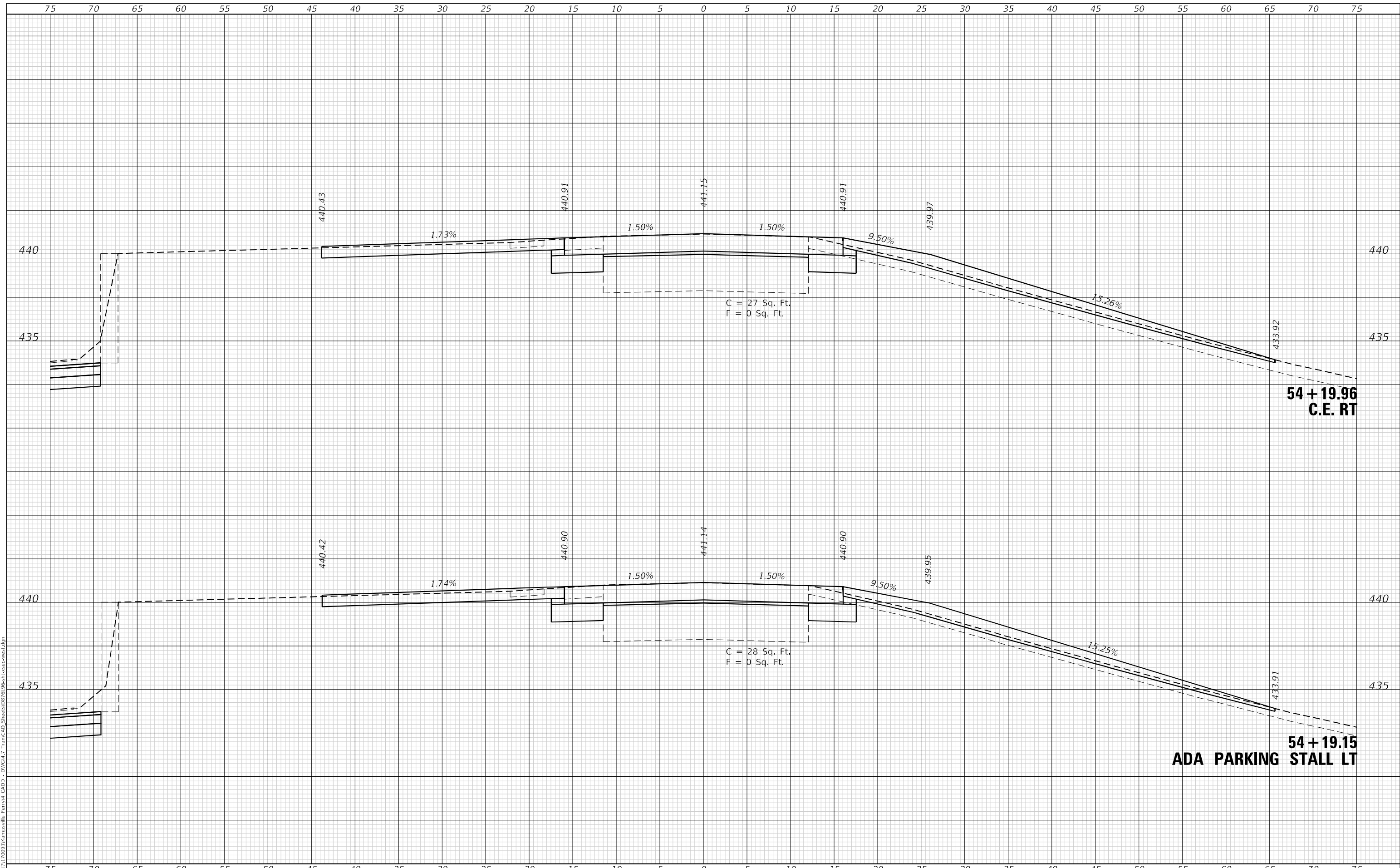
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	44
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				
* CALHOUN 7 GREENE				

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PLOT DATE =	3/5/2021

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DRAWN -	EKF	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
IL 108 WEST**

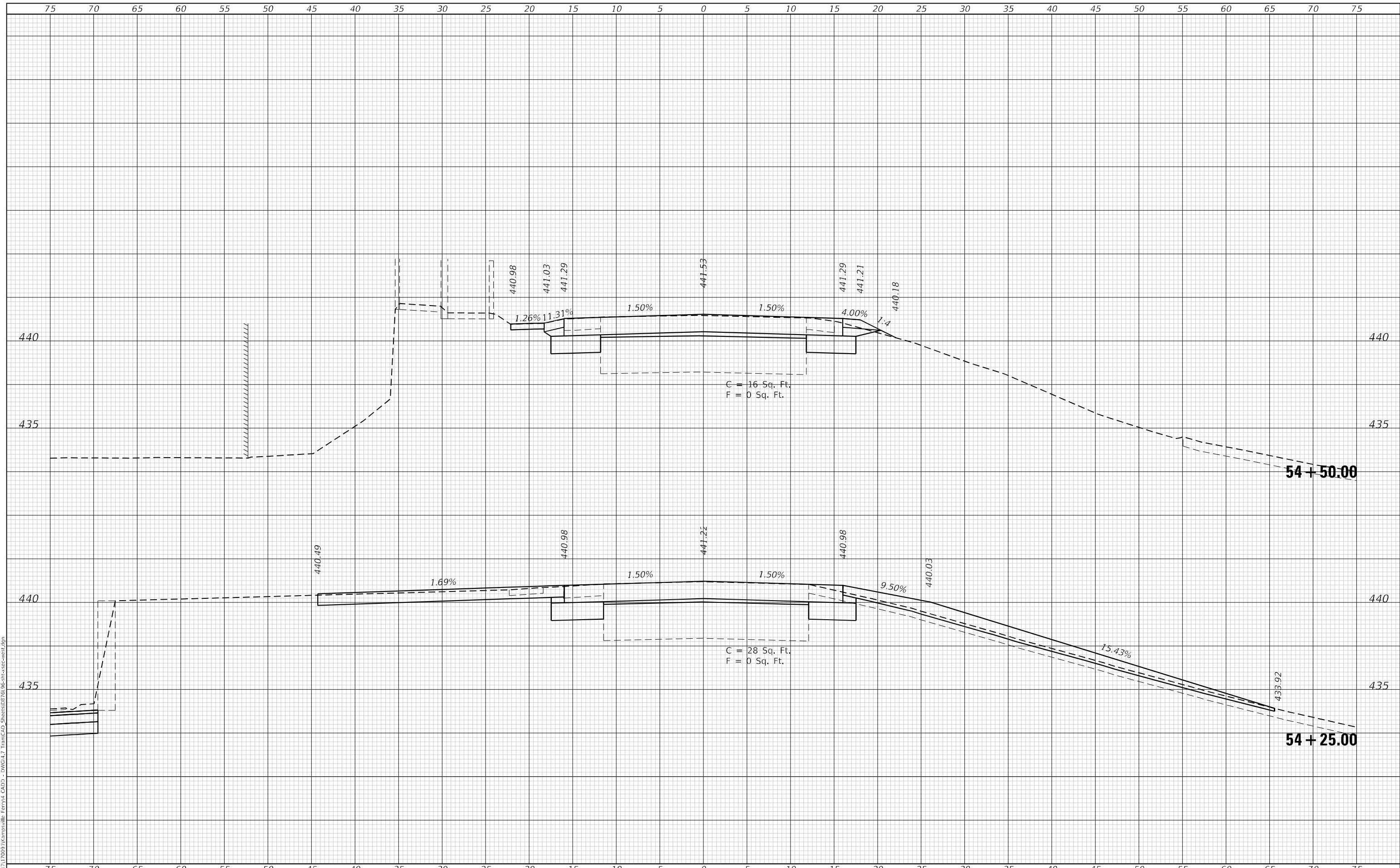
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	45
CONTRACT NO. 76L96			ILLINOIS FED. AID PROJECT	
* CALHOUN 7 GREENE				

FINAL SURVEY NO.	SURVEYED	DATE
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	CHECKED	

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 IL 108 WEST

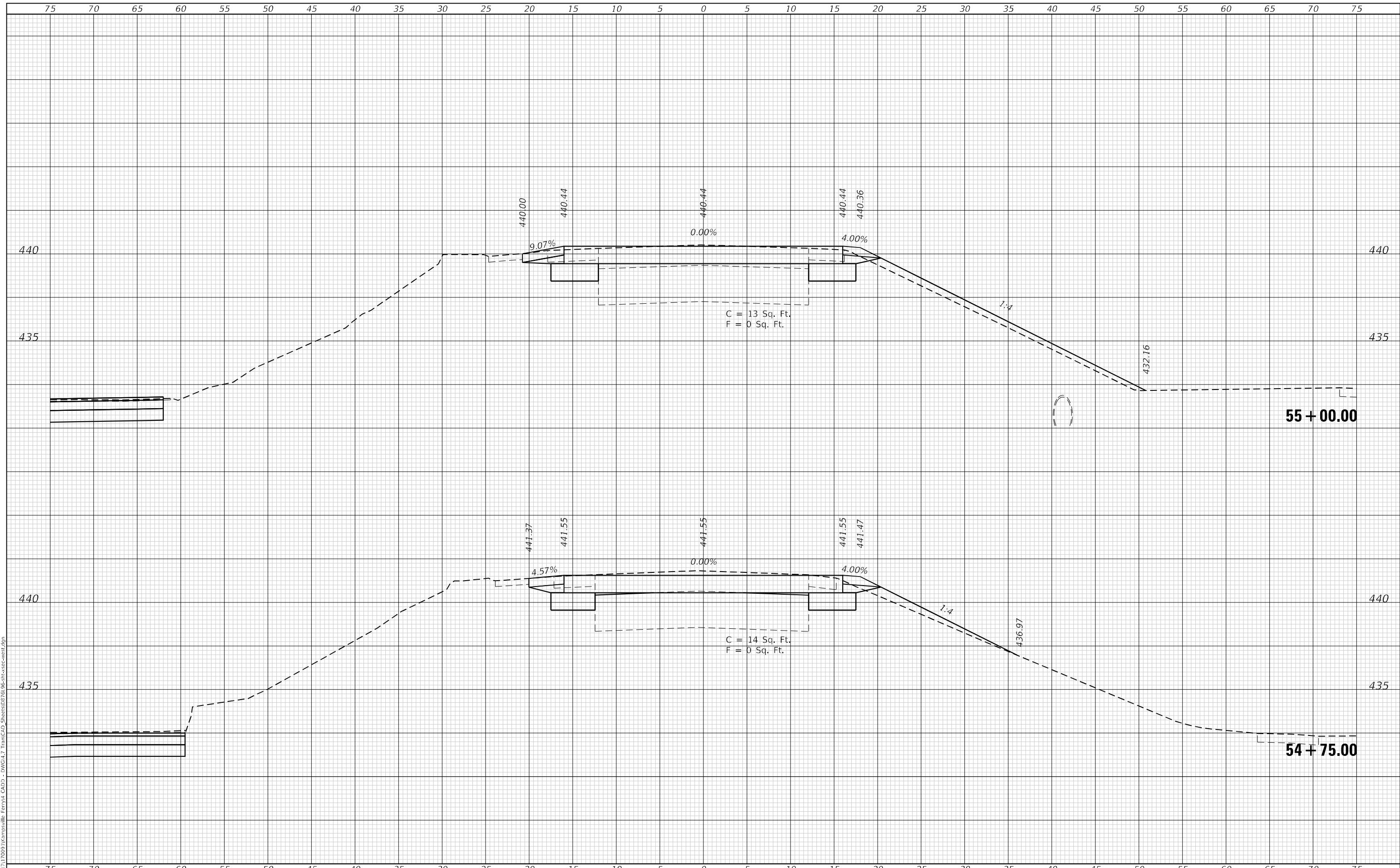
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	46
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				
* CALHOUN 7 GREENE				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 108 WEST**

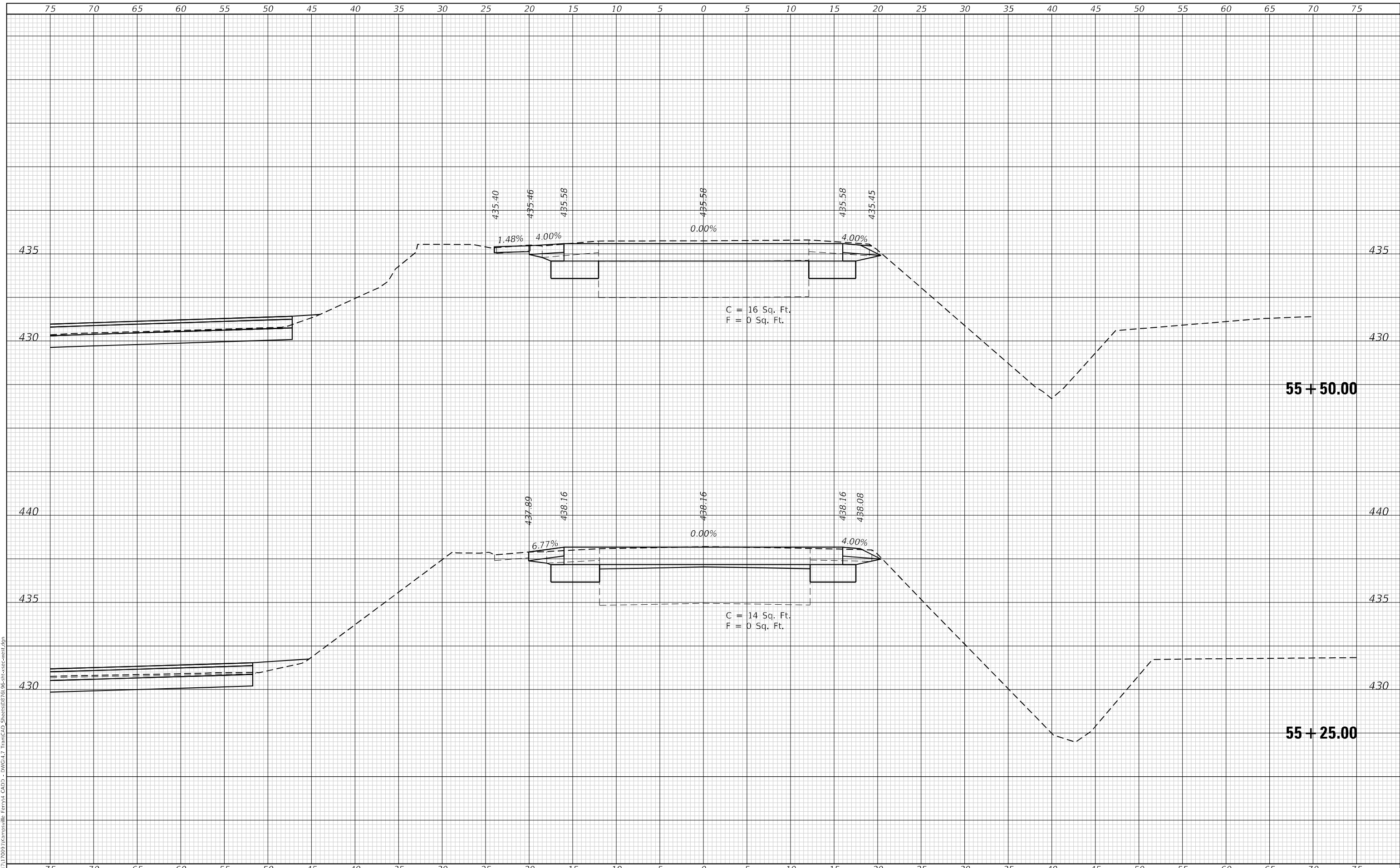
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	47
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				
* CALHOUN 7 GREENE				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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	AREAS	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

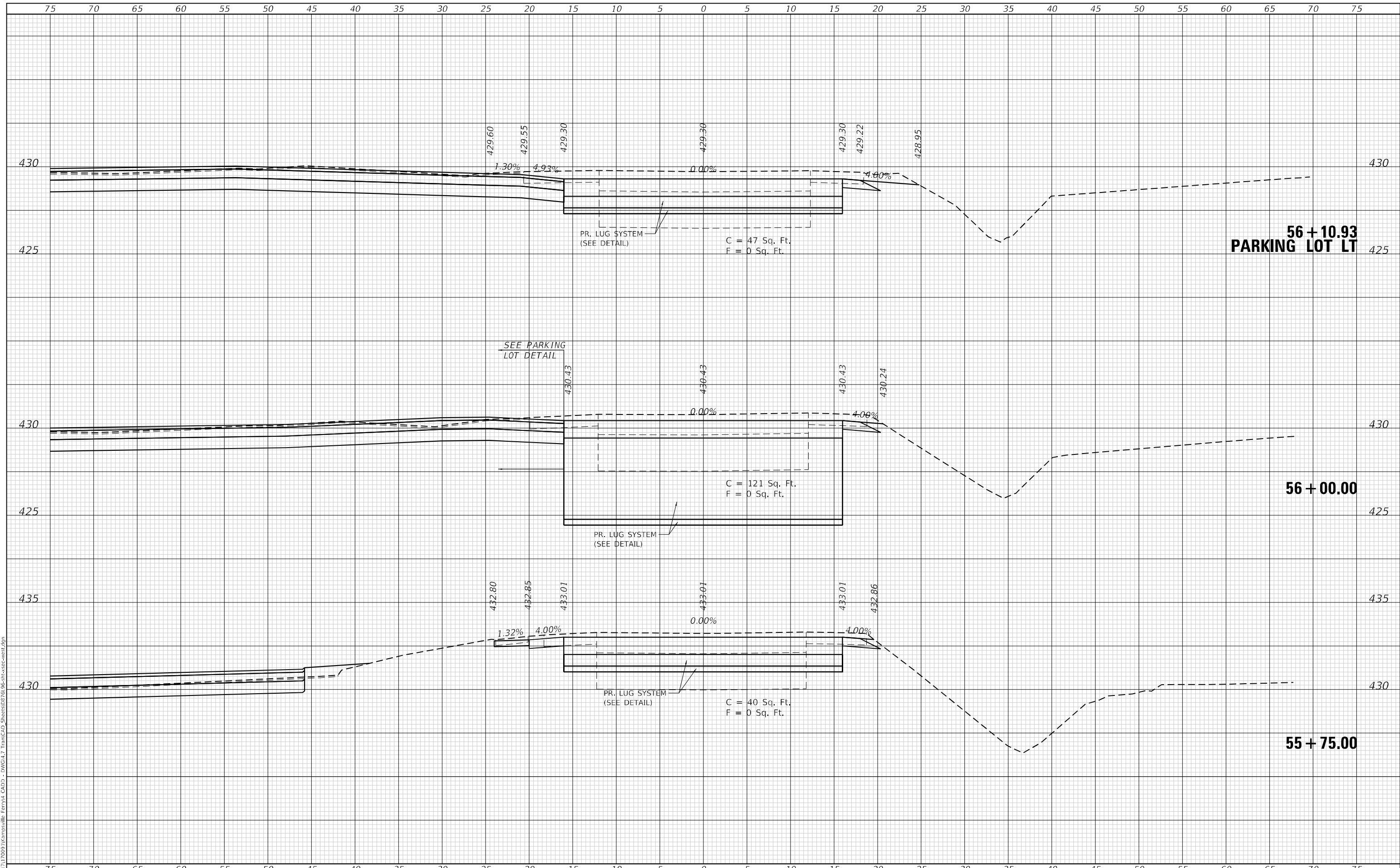
CROSS SECTIONS IL 108 WEST	
SCALE: 1"=5'	SHEET 5 OF 9 SHEETS
STA. 55+25.00	TO STA. 55+50.00

F.A.P. RTE. 761	SECTION 101RS-LOT-1	COUNTY *	TOTAL SHEETS 62	SHEET NO. 48
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76L96	
* CALHOUN 7 GREENE				

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

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED AREAS CHECKED	
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NOTE BOOK	

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PLOT DATE = 3/5/2021	CHECKED - JWS	REVISED -
	DATE - 03/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

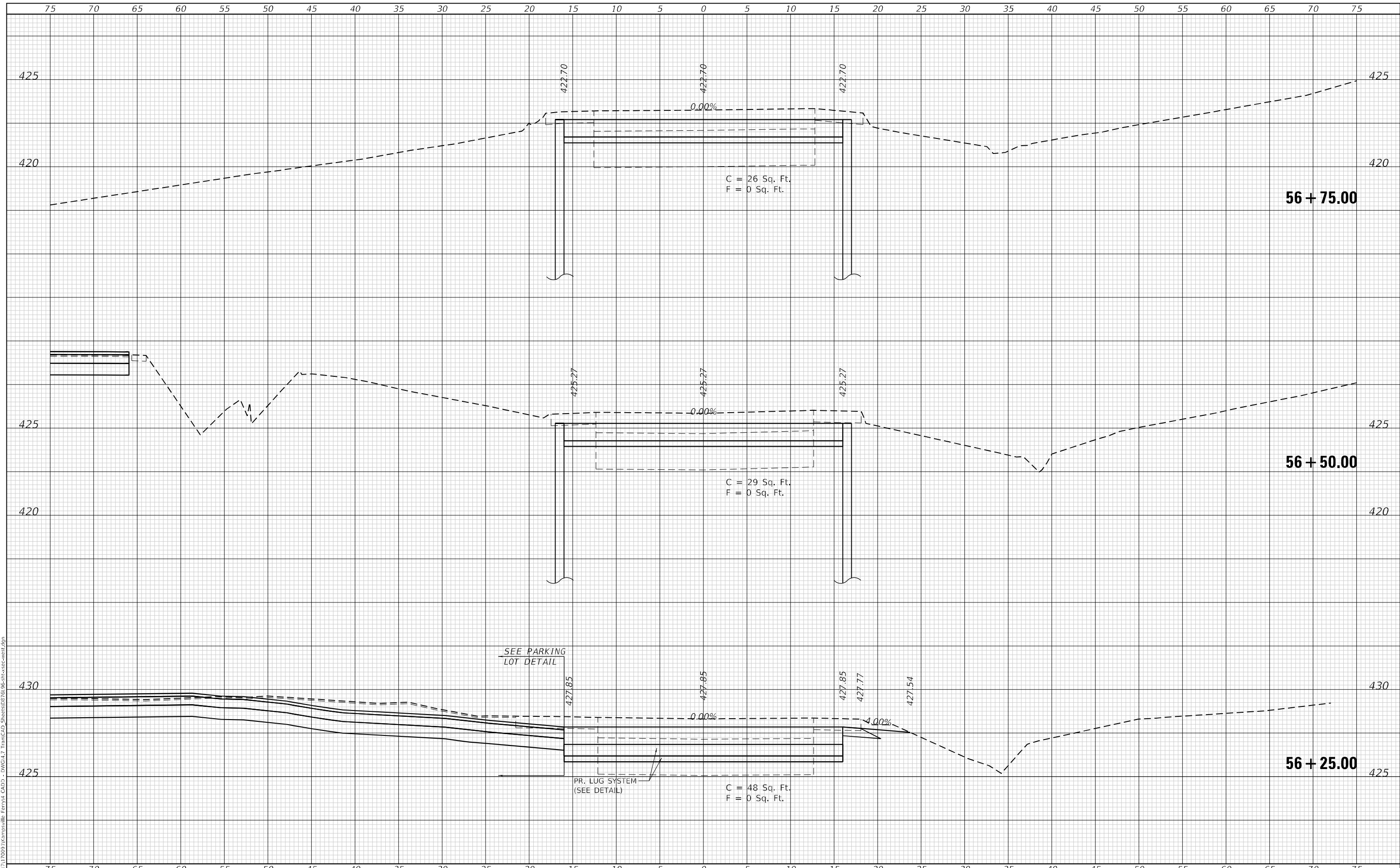
CROSS SECTIONS IL 108 WEST	
SCALE: 1"=5'	SHEET 6 OF 9 SHEETS
STA. 55+75.00	TO STA. 56+10.93

F.A.P. RTE. 761	SECTION 101RS-LOT-1	COUNTY *	TOTAL SHEETS 62	SHEET NO. 49
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76L96	
* CALHOUN 7 GREENE				

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

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
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TEMPLATE	
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NOTE BOOK	
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USER NAME	= efisher	DESIGNED	- TBP	REVISED	-
		DRAWN	- EKF	REVISED	-
PLOT SCALE	= 10,0000 * / in.	CHECKED	- JWS	REVISED	-
PLOT DATE	= 3/5/2021	DATE	- 03/2021	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 108 WEST**

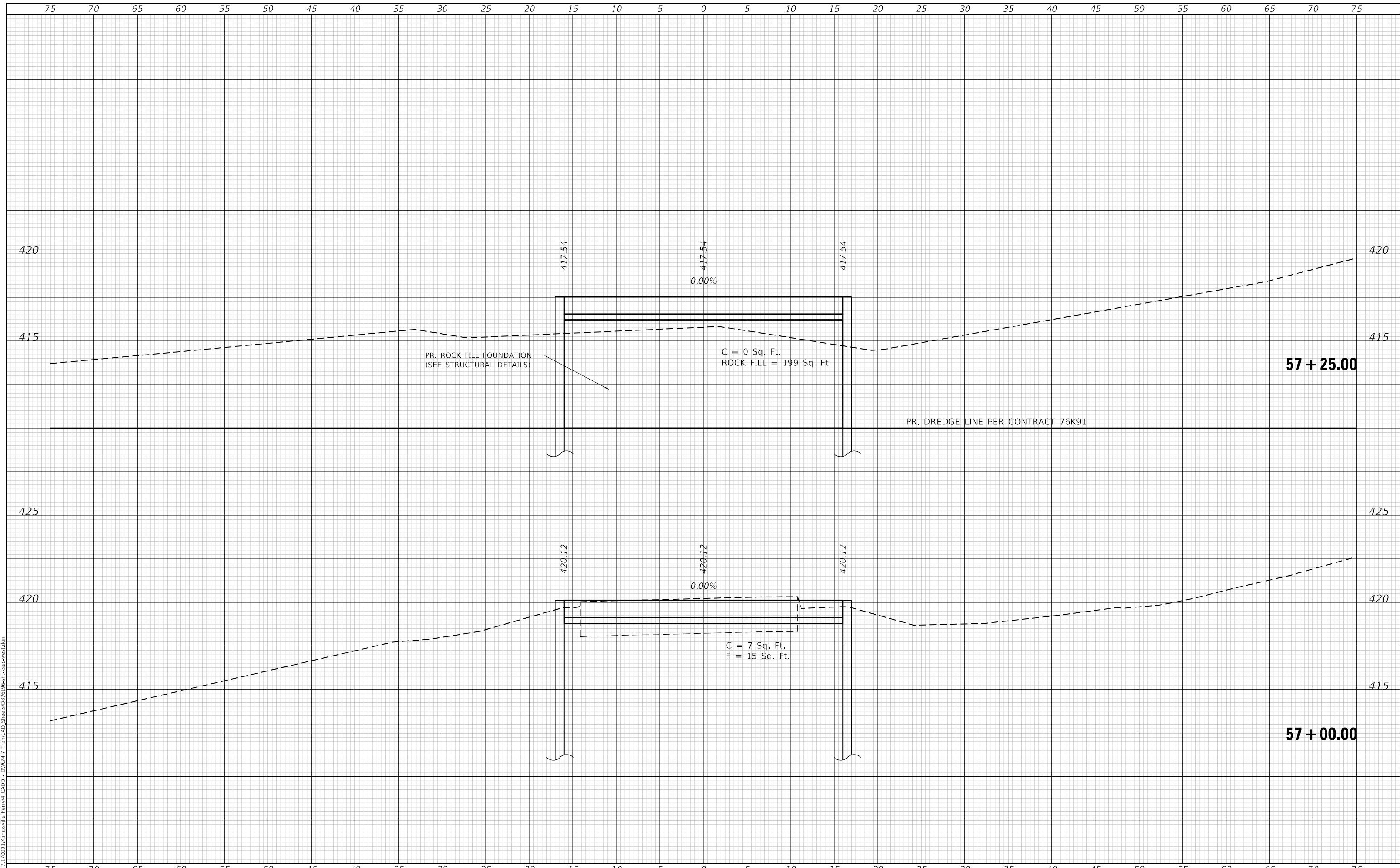
SCALE: 1"=5' SHEET 7 OF 9 SHEETS STA. 56+25.00 TO STA. 56+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	50
				CONTRACT NO. 76L96
ILLINOIS FED. AID PROJECT				* CALHOUN 7 GREENE

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

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

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USER NAME	= efisher
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DRAWN	- EKF
PLLOT SCALE	= 10,0000 */ in.
CHECKED	- JWS
PLLOT DATE	= 3/5/2021
DATE	- 03/2021

REVISIED	-
REVISIED	-
REVISIED	-
REVISIED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 108 WEST**

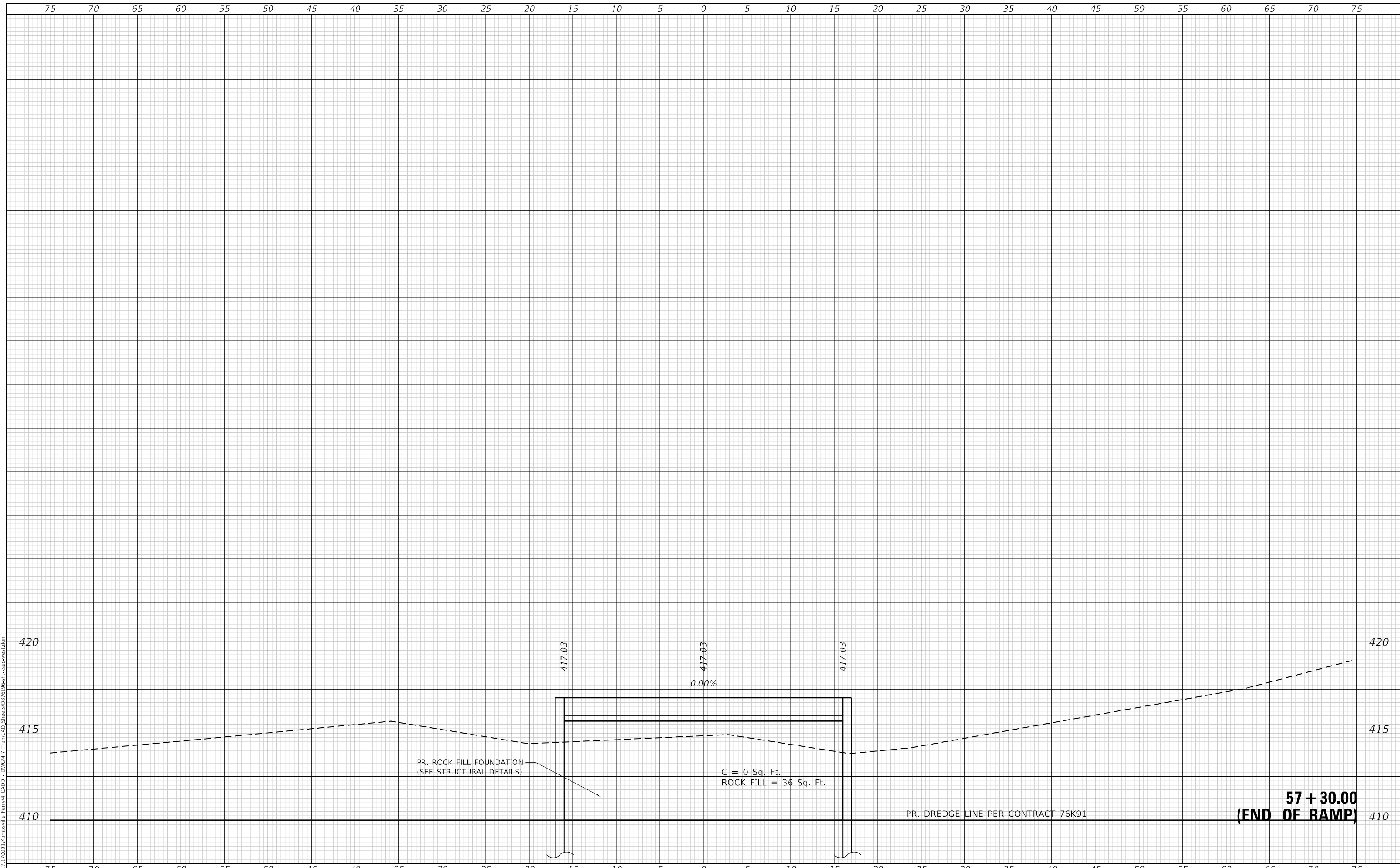
SCALE: 1"=5' SHEET 8 OF 9 SHEETS STA. 57+00.00 TO STA. 57+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	51
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				
* CALHOUN 7 GREENE				

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

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

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DRAWN -	EKF
CHECKED -	JWS
DATE -	03/2021
PLOT SCALE =	10,0000 * / in.
PLOT DATE =	3/5/2021

DESIGNED -	TBP	REVISED -
DRAWN -	EKF	REVISED -
CHECKED -	JWS	REVISED -
DATE -	03/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 108 WEST**

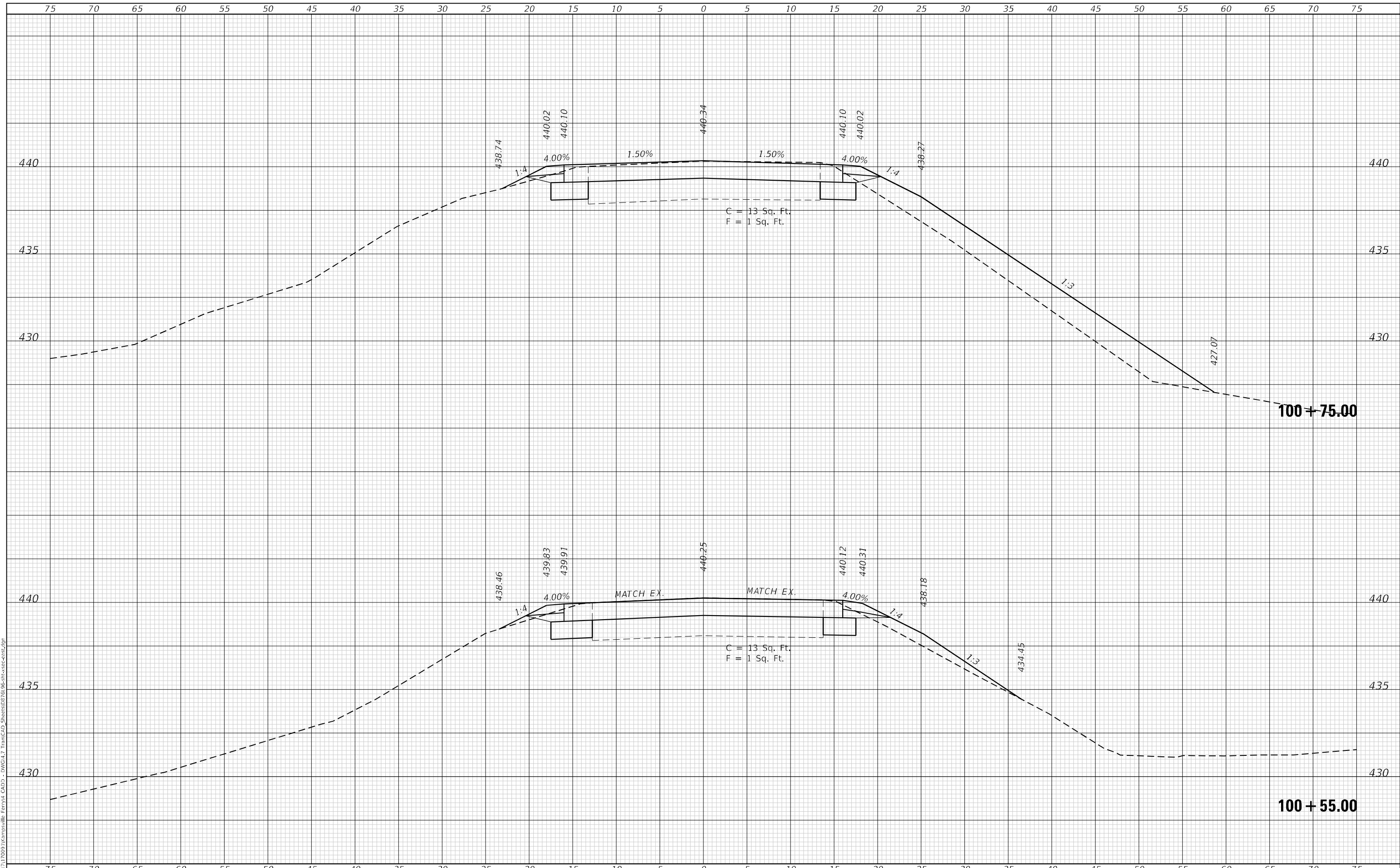
SCALE: 1"=5' SHEET 9 OF 9 SHEETS STA. 57+30.00 TO STA. 57+30.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	10IRS-LOT-1	*	62	52
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				
* CALHOUN 7 GREENE				

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

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

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PLOT DATE =	3/5/2021	DATE -	03/2021	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 108 EAST**

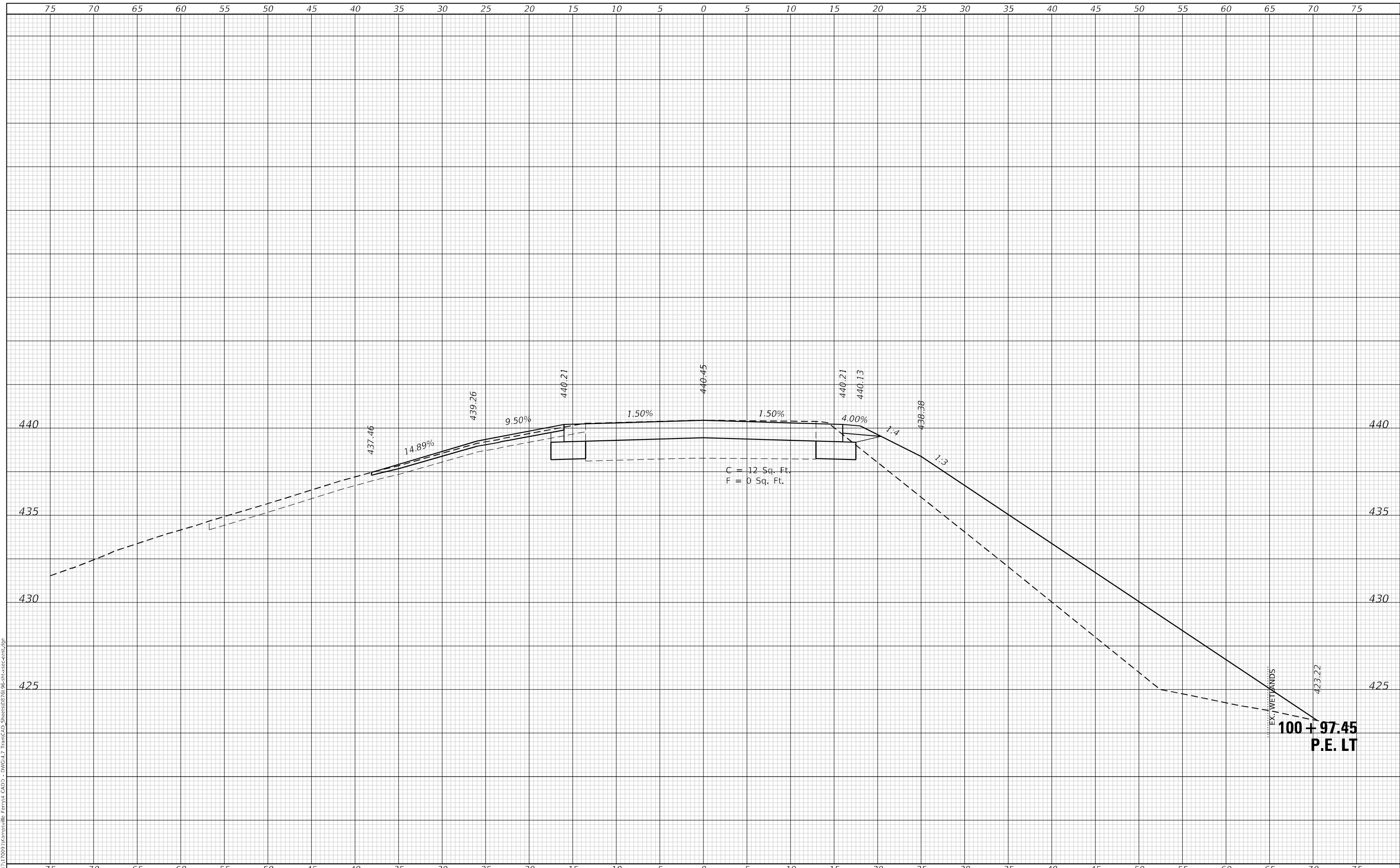
SCALE: 1"=5' SHEET 1 OF 10 SHEETS STA. 100+55.00 TO STA. 100+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	53
				CONTRACT NO. 76L96
				ILLINOIS FED. AID PROJECT
				* CALHOUN 7 GREENE

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

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DRAWN -	EKF
CHECKED -	JWS
DATE -	03/2021
PLOT SCALE =	10,0000 * / in.
PLOT DATE =	3/5/2021

DESIGNED -	TBP	REVISED -
DRAWN -	EKF	REVISED -
CHECKED -	JWS	REVISED -
DATE -	03/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 108 EAST**

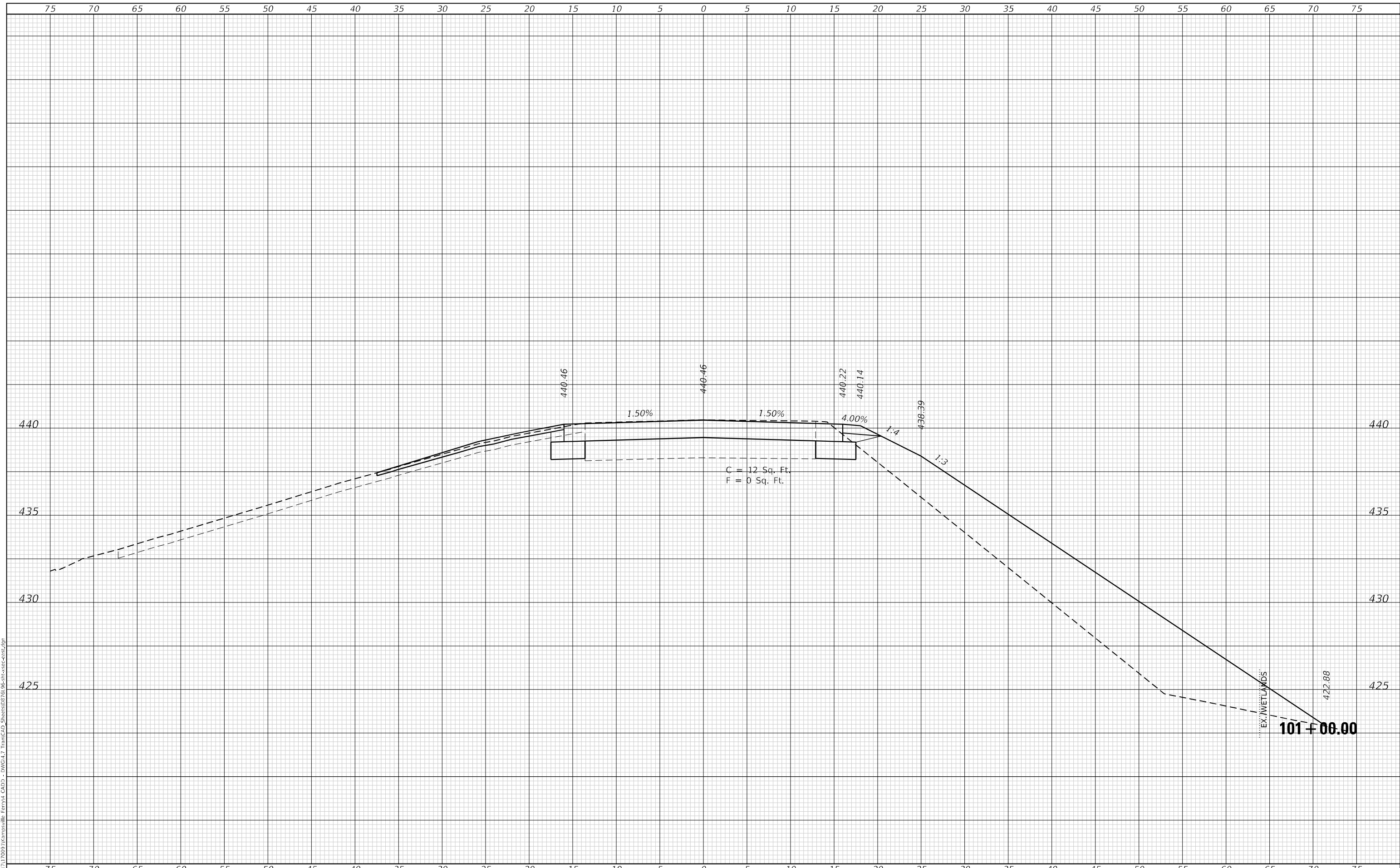
SCALE: 1"=5' SHEET 2 OF 10 SHEETS STA. 100+97.45 TO STA. 100+97.45

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	54
CONTRACT NO. 76L96			ILLINOIS FED. AID PROJECT	
* CALHOUN 7 GREENE				

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

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

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USER NAME =	efisher
PLOT SCALE =	10,0000 * / in.
PLOT DATE =	3/5/2021

DESIGNED -	TBP	REVISED -
DRAWN -	EKF	REVISED -
CHECKED -	JWS	REVISED -
DATE -	03/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 108 EAST**

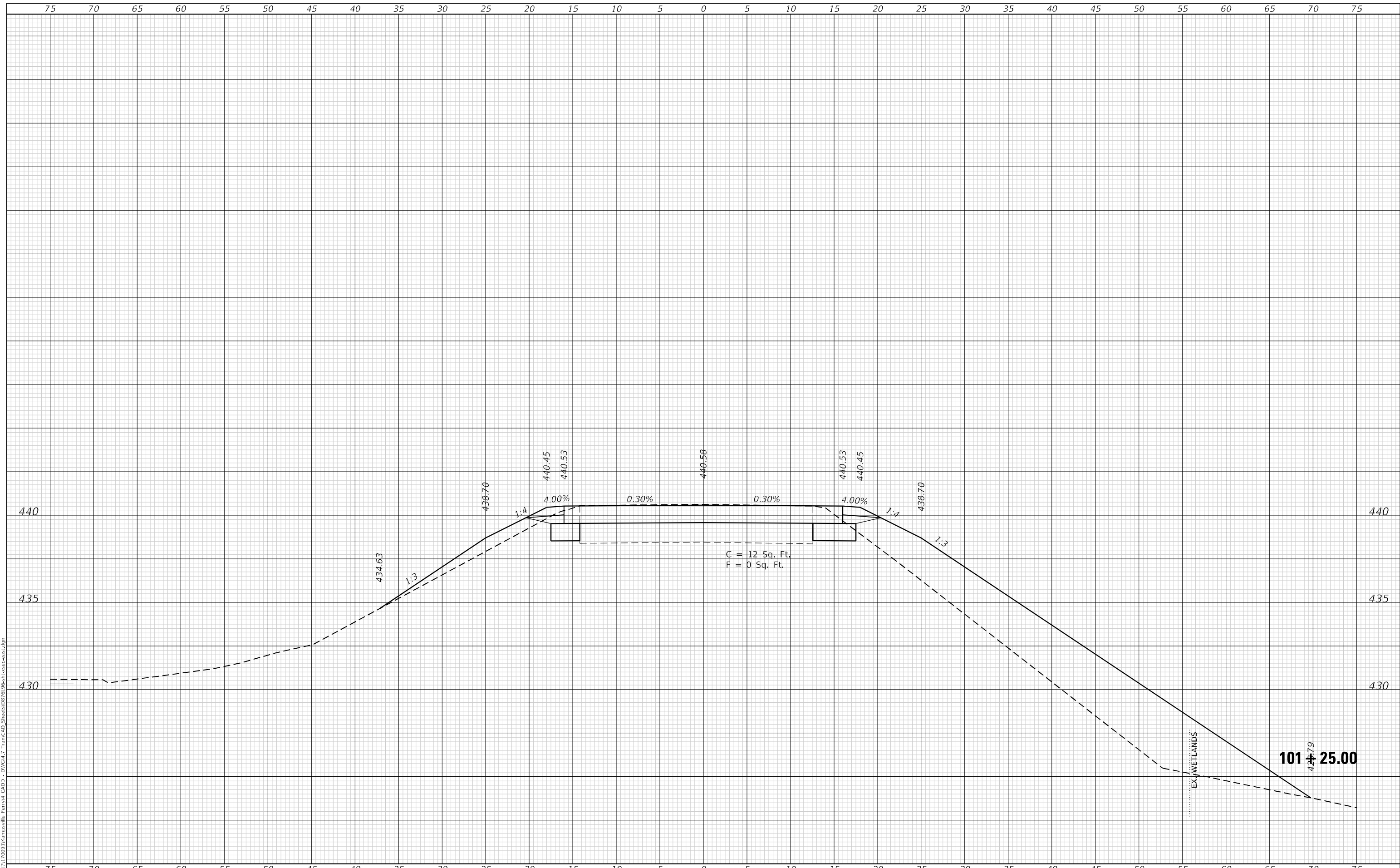
SCALE: 1"=5'	SHEET 3	OF 10 SHEETS	STA. 101+00.00	TO STA. 101+00.00
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F.A.P. RTE. 761	SECTION 101RS-LOT-1	COUNTY *	TOTAL SHEETS 62	SHEET NO. 55
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76L96	
* CALHOUN 7 GREENE				

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

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

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PLOT SCALE =	10,0000 * / in.
PLOT DATE =	3/5/2021

DESIGNED -	TBP	REVISED -
DRAWN -	EKF	REVISED -
CHECKED -	JWS	REVISED -
DATE -	03/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 108 EAST**

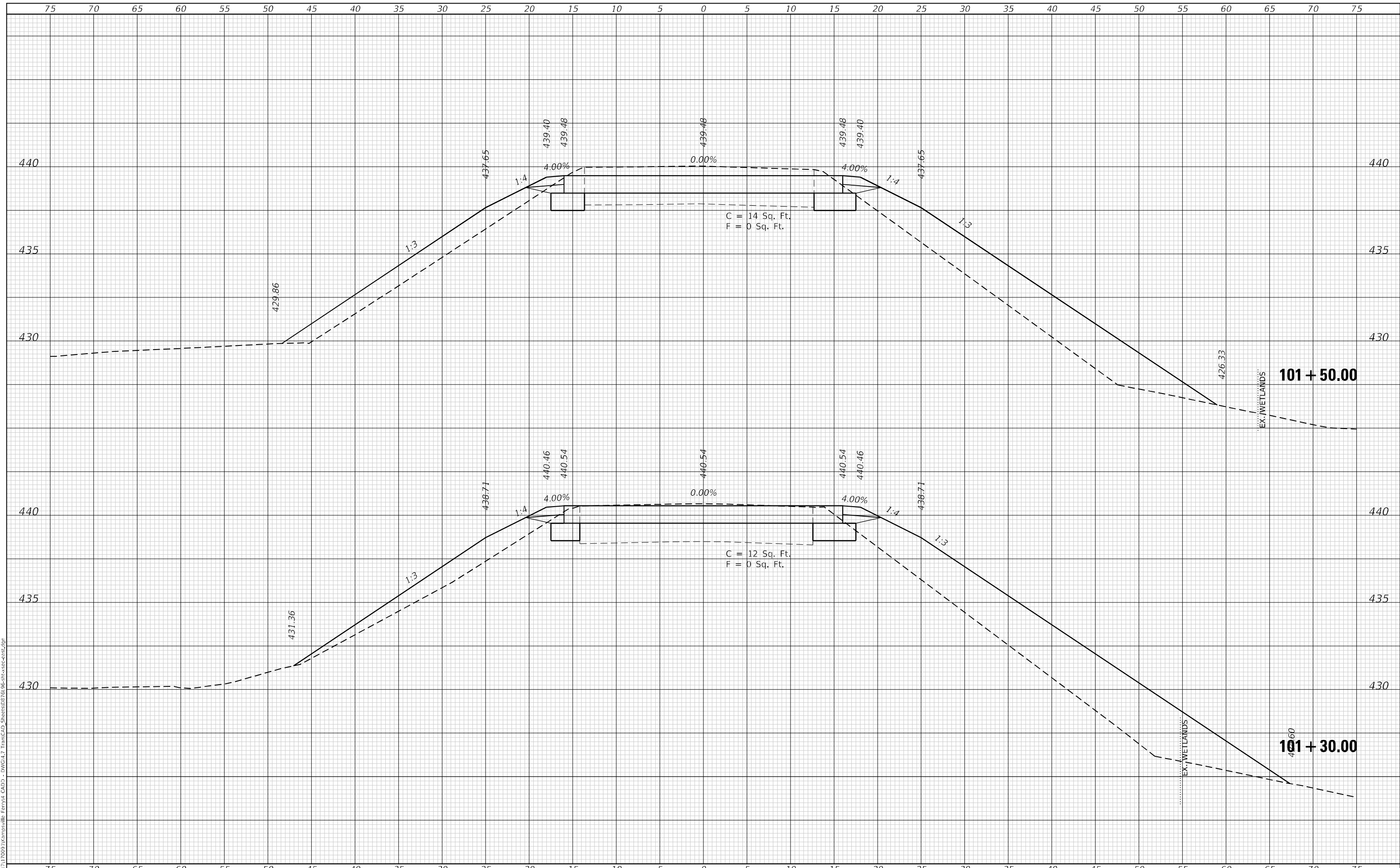
SCALE: 1"=5'	SHEET 4 OF 10 SHEETS	STA. 101+25.00 TO STA. 101+25.00
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F.A.P. RTE. 761	SECTION 101RS-LOT-1	COUNTY *	TOTAL SHEETS 62	SHEET NO. 56
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76L96	
* CALHOUN 7 GREENE				

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

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

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DRAWN	- EKF
CHECKED	- JWS
DATE	- 03/2021
PLLOT SCALE	= 10,0000 * / in.
PLLOT DATE	= 3/5/2021

DESIGNED	- TBP	REVISED	-
DRAWN	- EKF	REVISED	-
CHECKED	- JWS	REVISED	-
DATE	- 03/2021	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 108 EAST**

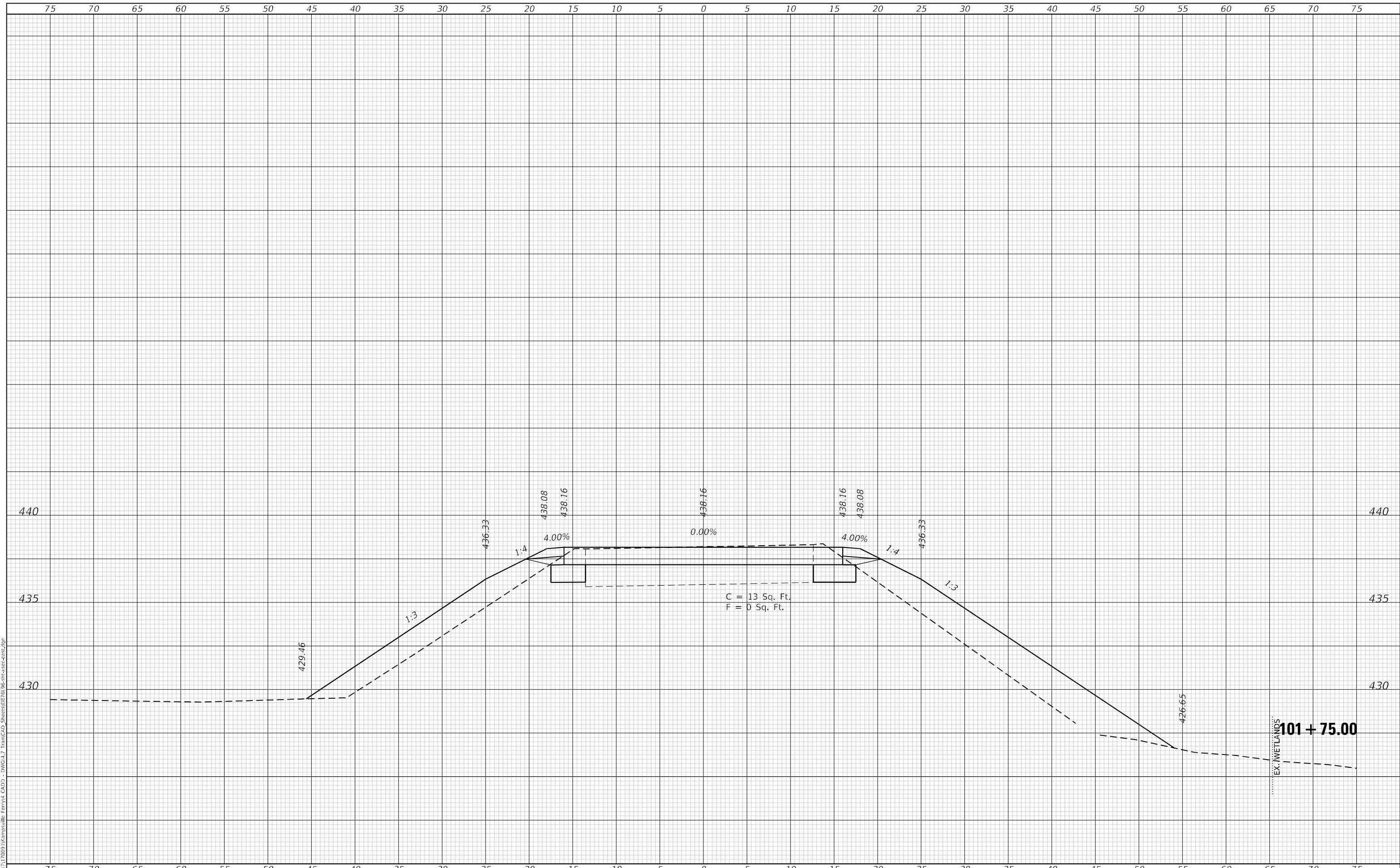
SCALE: 1"=5' SHEET 5 OF 10 SHEETS STA. 101+30.00 TO STA. 101+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	57
				CONTRACT NO. 76L96
				ILLINOIS FED. AID PROJECT
				* CALHOUN 7 GREENE

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

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

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USER NAME =	efisher
DESIGNED -	TBP
DRAWN -	EKF
CHECKED -	JWS
DATE -	03/2021
PLOT SCALE =	10,0000 * / in.
PLOT DATE =	3/5/2021

DESIGNED -	TBP	REVISED -
DRAWN -	EKF	REVISED -
CHECKED -	JWS	REVISED -
DATE -	03/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 108 EAST**

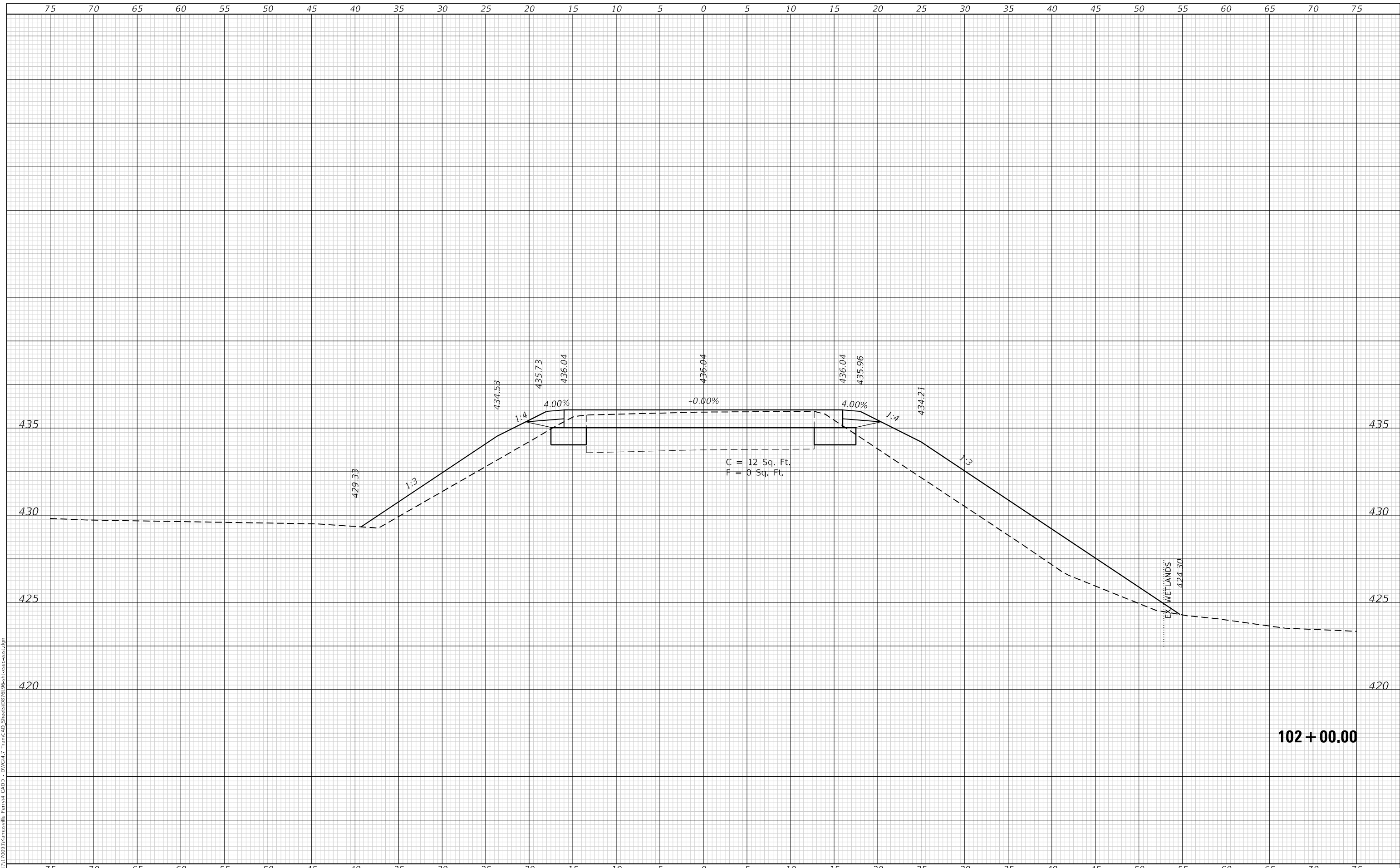
SCALE: 1"=5' SHEET 6 OF 10 SHEETS STA. 101+75.00 TO STA. 101+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	58
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				
* CALHOUN 7 GREENE				

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

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

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USER NAME =	efisher
DESIGNED -	TBP
DRAWN -	EKF
CHECKED -	JWS
DATE -	03/2021
PLOT SCALE =	10,0000 * / in.
PLOT DATE =	3/5/2021

DESIGNED -	TBP	REVISED -
DRAWN -	EKF	REVISED -
CHECKED -	JWS	REVISED -
DATE -	03/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=5'		SHEET 7	OF 10 SHEETS	STA. 102+00.00	TO STA. 102+00.00
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**CROSS SECTIONS
 IL 108 EAST**

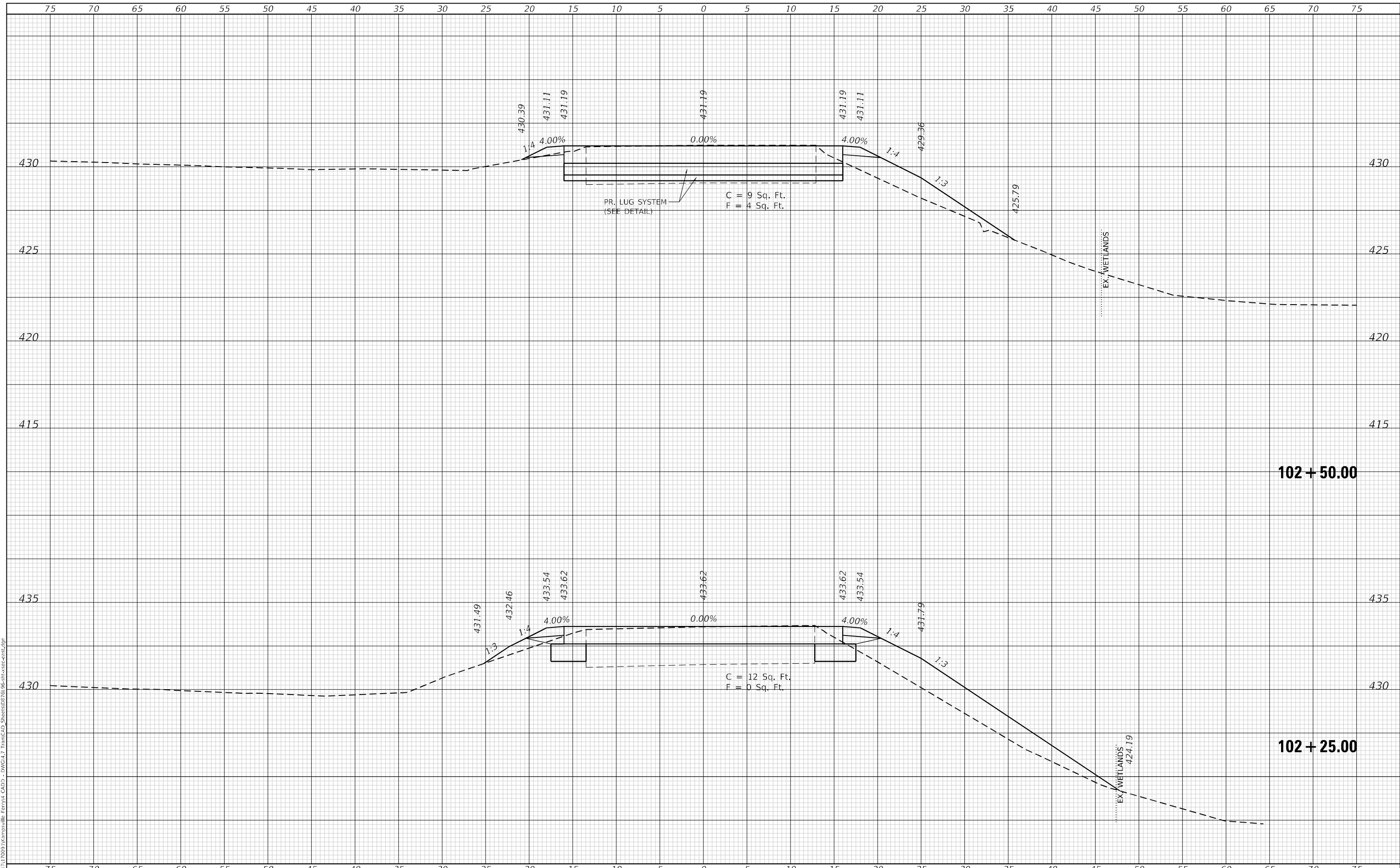
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	59
CONTRACT NO. 76L96			ILLINOIS FED. AID PROJECT	
* CALHOUN 7 GREENE				

102 + 00.00

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

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

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

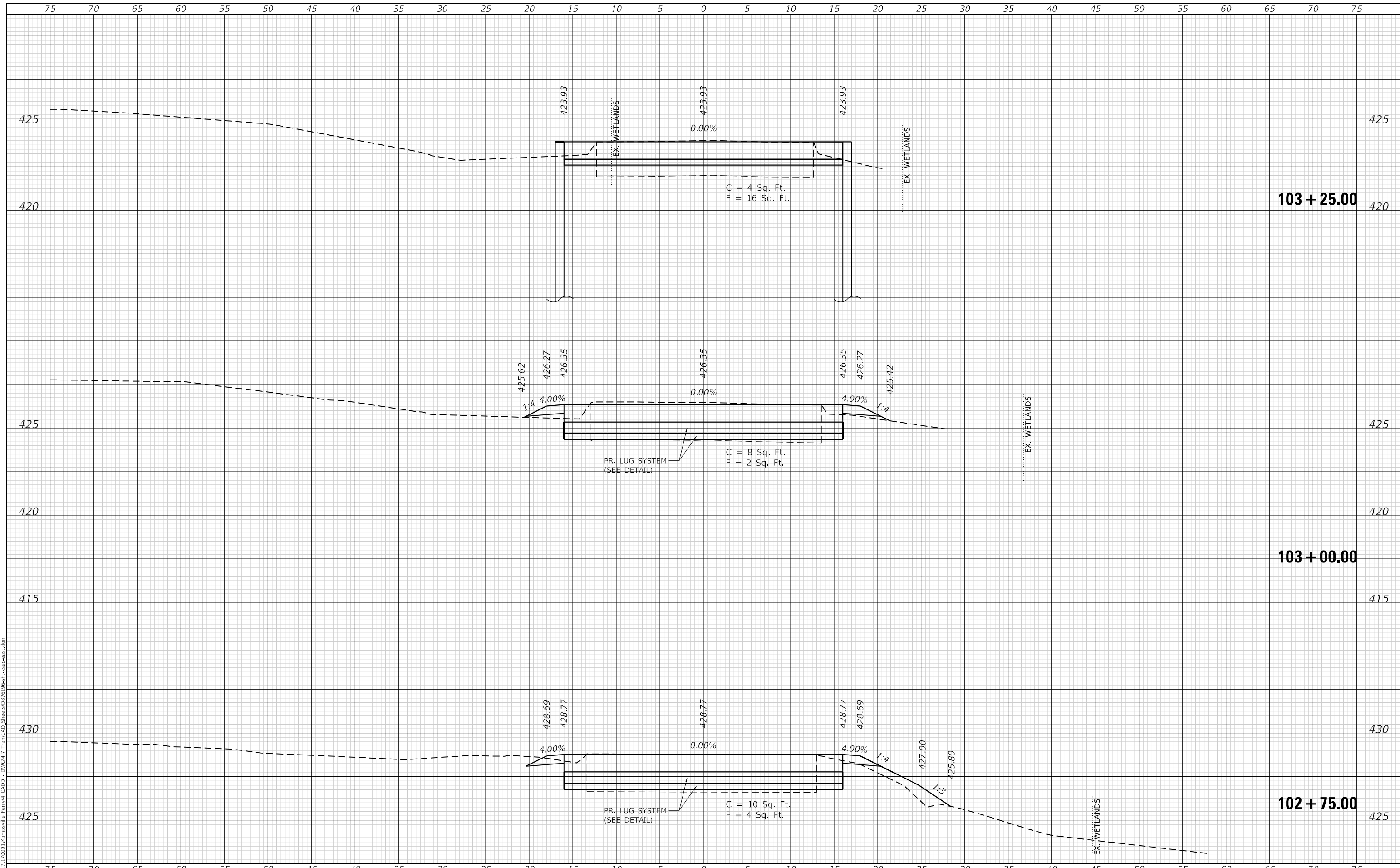
CROSS SECTIONS IL 108 EAST			
SCALE: 1"=5'	SHEET 8	OF 10 SHEETS	STA. 102+25.00 TO STA. 102+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	60
				CONTRACT NO. 76L96
ILLINOIS FED. AID PROJECT				* CALHOUN 7 GREENE

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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PLOT DATE =	3/5/2021	DATE -	03/2021	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 108 EAST**

SCALE: 1"=5' SHEET 9 OF 10 SHEETS STA. 102+75.00 TO STA. 103+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
761	101RS-LOT-1	*	62	61
CONTRACT NO. 76L96				
ILLINOIS FED. AID PROJECT				
* CALHOUN 7 GREENE				

