

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	1
		ILLINOIS	CONTRACT NO. 46925	

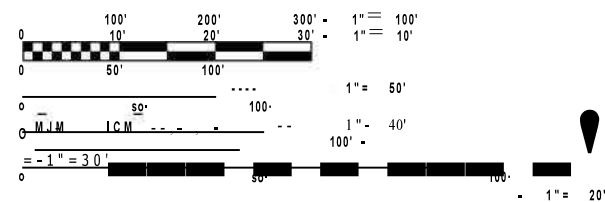
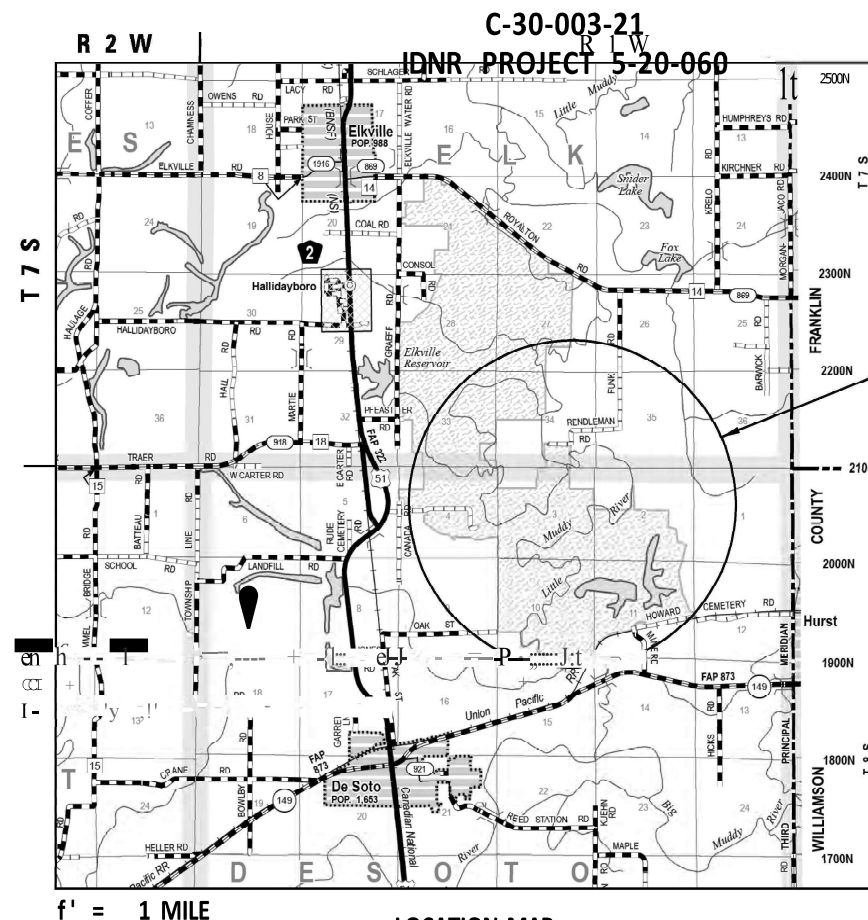
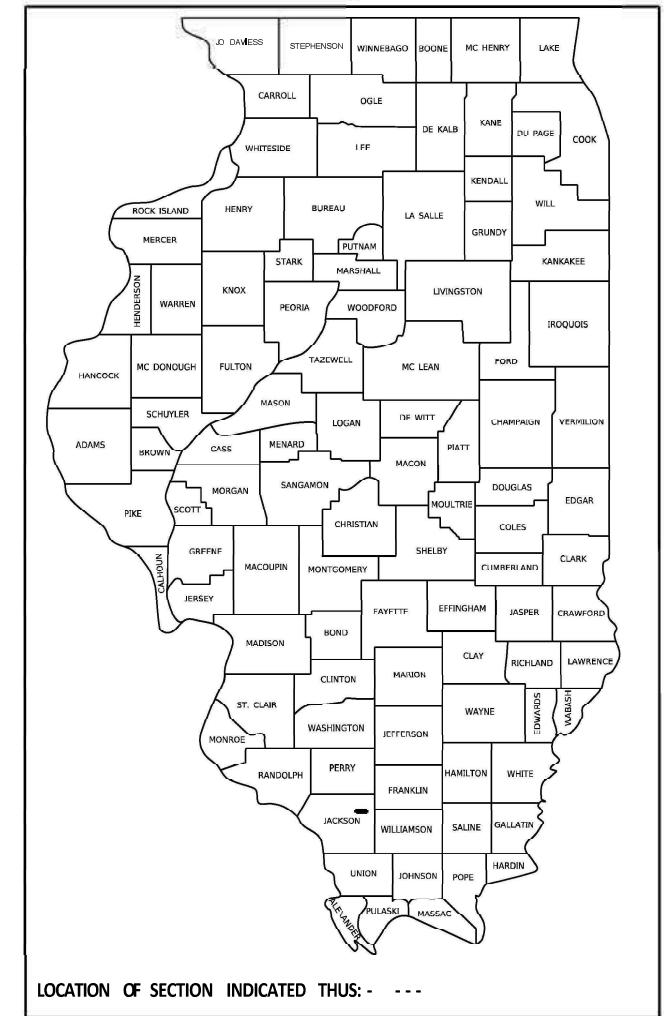
FOR INDEX OF SHEETS, SEE SHEET NO. 2.

PROPOSED
HIGHWAY PLANS

PARK ROAD - BURNING STAR NO 5

SECTION BURNING STAR 2022

ROADWAY IMPROVEMENTS
JACKSON COUNTY



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

VOLKERT
1500 EASTPORT PLAZA DRIVE
SUITE 200
COLLINSVILLE, IL 62234
(618) 345-8918

LOCATION MAP
ELK TOWNSHIP
DESOTO TOWNSHIP

GROSS AND NET LENGTH = APPROX. 7.7 MILES INTERNAL PARK ROADS



ILLINOIS PROFESSIONAL ENGINEER NO. 062-064219
EXP. 11-30-2023
APPLIES TO SHEETS: 9-12, 25-27



ILLINOIS PROFESSIONAL ENGINEER NO. 062-061876
EXP. 11-30-2023
APPLIES TO SHEETS: 1-8, 13-24, 28-52

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED MARCH 24 20 23

REGION 5 ENGINEER

March 24, 2023

ENGINEER OF DESIGN AND ENVIRONMENT

March 24, 2023

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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GENERAL NOTES

- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY ALSO BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - *AMEREN ILLINOIS
 - *EGYPTIAN ELECTRIC COOP
 - *FRONTIER COMMUNICATIONS
 - *GREENWOOD-CREEK NATION WATER
 - *KINKAID AREA WATER SYSTEM
 - *VILLAGE OF ELKVILLE

MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *
 NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 8%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTIONS VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR WORK.
- THE CONTRACTOR SHALL CONTACT J.U.L.I.E. TO HAVE PUBLIC AND PRIVATE UTILITIES LOCATED PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS, AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
- ALL SIGN LOCATIONS ARE TO BE STAKED IN THE FIELD BY THE RESIDENT ENGINEER.
- ALL PROPOSED GATE LOCATIONS ARE TO BE STAKED IN THE FIELD BY THE RESIDENT ENGINEER.
- A NOMINAL QUANTITY OF 1700 TONS OF AGGREGATE FOR BASE REPAIR HAS BEEN INCLUDED FOR REPAIRS TO THE EXISTING AGGREGATE ROADWAY AT LOCATIONS AND AS DIRECTED BY THE ENGINEER.
- ALL STONE DUMPED RIPRAP SHALL BE MINIMUM 16 INCHES THICK.
- THE AGGREGATE GRADATION IN BITUMINOUS SURFACE TREATMENT, A3 FOR SEAL COAT AGGREGATE SHALL BE CA-16 (CRUSHED STONE). THE COVER COAT AGGREGATE SHALL BE CA-14 (CRUSHED STONE).

COMMITMENTS

NONE

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
BLR 17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
BLR 18-6	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TYP. APPL. OF T.C.D. FOR RURAL LOC. HWYS. (2-LANE 2 WAY RURAL TRAFF.) (RD. CLOSED TO THRU TRAFF.)

RATES OF APPLICATION TABLE

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

AGGREGATE (BASE, SHOULDERS)	2.1 TONS/CU. YD.
RIPRAP	1.50 TONS/CU. YD.
EARTH	110 LBS/CU. FT.

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PLOT DATE = 2/2/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, HIGHWAY STANDARDS, COMMITMENTS
BURNING STAR STATE FISH & WILDLIFE AREA**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	2
			CONTRACT NO. 46925	
			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				ROADWAY
				0005
20100500	TREE REMOVAL, ACRES	ACRE	3.00	3.00
20200100	EARTH EXCAVATION	CU YD	4595	4595
20800150	TRENCH BACKFILL	CU YD	226	226
25000210	SEEDING, CLASS 2A	ACRE	2	2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	180	180
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	180	180
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	180	180
25100115	MULCH, METHOD 2	ACRE	2	2
28000305	TEMPORARY DITCH CHECKS	FOOT	200	200
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	156	156
35101582	AGGREGATE BASE COURSE, TYPE B 2"	SQ YD	72157	72157
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	7994	7994
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	15041	15041
35800100	PREPARATION OF BASE	SQ YD	84415	84415

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PLOT DATE = 2/2/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
BURNING STAR STATE FISH & WILDLIFE AREA

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BURNING STAR 2022	JACKSON	52	3
			CONTRACT NO. 46925	
			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				ROADWAY 0005
35800200	AGGREGATE BASE REPAIR	TON	1700	1700
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	582	582
50105220	PIPE CULVERT REMOVAL	FOOT	685	685
54262718	METAL FLARED END SECTIONS 18"	EACH	8	8
54262724	METAL FLARED END SECTIONS 24"	EACH	4	4
54262736	METAL FLARED END SECTIONS 36"	EACH	5	5
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	154	154
542D1081	PIPE CULVERTS, CLASS D, TYPE 2 36"	FOOT	197	197
542D1909	PIPE CULVERTS, CLASS D, TYPE 3 24"	FOOT	263	263
542D1921	PIPE CULVERTS, CLASS D, TYPE 3 36"	FOOT	164	164
60801036	FLAP GATE 36"	EACH	1	1
63400105	GUARD POSTS	EACH	332	332
67100100	MOBILIZATION	L SUM	1	1
72000100	SIGN PANEL - TYPE 1	SQ FT	126	126

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PLOT DATE = 1/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
BURNING STAR STATE FISH & WILDLIFE AREA**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BURNING STAR 2022	JACKSON	52	4
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				ROADWAY
				0005
72000200	SIGN PANEL - TYPE 2	SQ FT	180	180
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2
73000100	WOOD SIGN SUPPORT	FOOT	610	610
X0300010	BITUMINOUS MATERIALS (FOG SEAL)	POUND	45585	45585
X0323013	TUBULAR STEEL GATE	EACH	7	7
X0324062	ENTRANCE SIGN	L SUM	1	1
X0327593	SMALL ENTRANCE SIGN	EACH	10	10
X1500006	BITUMINOUS SURFACE TREATMENT, A3	SQ YD	84415	84415
X4200408	PORTLAND CEMENT CONCRETE PAVEMENT 8" (SPECIAL)	SQ YD	534	534
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0015500	DEBRIS REMOVAL	L SUM	1	1

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 PLOT DATE = 1/30/2023

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 BURNING STAR STATE FISH & WILDLIFE AREA**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BURNING STAR 2022	JACKSON	52	5
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				

SIGN SCHEDULE

LOCATION			SIGN DESIGNATION	MUTCD SIGN NO.	SIGN DESCRIPTION	SIGN DIMENSIONS (IN. X IN.)	SIGN PANEL - TYPE 1 (SQ FT)	SIGN PANEL - TYPE 2 (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)	WOOD SIGN SUPPORT (FOOT)	ENTRANCE SIGN (L SUM)	SMALL ENTRANCE SIGN (EACH)
STATION	SIDE	ROADWAY										
12+85	RT	ROAD A	D1		DIRECTIONAL SIGN	60X36		15.00		28		
13+15	LT	ROAD A	S8		PARKING LOT NO. 6							1
13+60	LT	ROAD A	S10		SITE OFFICE							1
22+00	RT	ROAD A		R2-1	SPEED LIMIT	24X30	5.00			13		
25+00	RT	ROAD A		W8-1100	WATER ON PAVEMENT	30X30	6.25			13		
27+40	LT	ROAD A		W8-1100	WATER ON PAVEMENT	30X30	6.25			13		
43+50	RT	ROAD A	S7		PARKING LOT NO. 5							1
52+00	LT	ROAD A		R2-1	SPEED LIMIT	24X30	5.00			13		
54+20	RT	ROAD A	D11		DIRECTIONAL SIGN	60X36		15.00		28		
55+40	LT	ROAD A	D10		DIRECTIONAL SIGN	60X36		15.00		28		
57+50	RT	ROAD A		R2-1	SPEED LIMIT	24X30	5.00			13		
126+00	LT	ROAD A		R2-1	SPEED LIMIT	24X30	5.00			13		
128+10	RT	ROAD A	D9		DIRECTIONAL SIGN	60X36		15.00		28		
129+90	LT	ROAD A		R1-1	STOP	30X30	6.25			14		
129+90	LT	ROAD A		W4-4P	CROSS TRAFFIC DOES NOT STOP	24X12	2.00					
129+90	LT	ROAD A	D8		DIRECTIONAL SIGN	60X36		15.00		28		
132+10	RT	ROAD A		W14-2	NO OUTLET	30X30	6.25			13		
233+50	RT	ROAD A	S6		PARKING LOT NO. 4							1
10+55	LT	ROAD B		R1-1	STOP	30X30	6.25			13		
11+85	RT	ROAD B		W14-2	NO OUTLET	30X30	6.25			13		
10+30	LT	ROAD C		R1-1	STOP	30X30	6.25			13		
10+65	LT	ROAD C			NO VEHICLES ALLOWED	24X12			1			
10+65	RT	ROAD C			NO VEHICLES ALLOWED	24X12			1			
11+80	RT	ROAD C		W14-2	NO OUTLET	30X30	6.25			13		
13+45	RT	ROAD C		W8-1100	WATER ON PAVEMENT	30X30	6.25			13		
15+45	LT	ROAD C		W8-1100	WATER ON PAVEMENT	30X30	6.25			13		
11+00	LT	ROAD D	D7		DIRECTIONAL SIGN	60X36		15.00		28		
13+15	RT	ROAD D		R2-1	SPEED LIMIT	24X30	5.00			13		
54+00	LT	ROAD D		R2-1	SPEED LIMIT	24X30	5.00			13		
10+25	LT	ROAD E		R1-1	STOP	30X30	6.25			13		
10+25	LT	ROAD E	D4		DIRECTIONAL SIGN	60X36		15.00		28		
11+75	RT	ROAD E		W14-2	NO OUTLET	30X30	6.25			13		
60+45	RT	ROAD E	S3		PARKING LOT NO. 1							1
16+55	RT	ROAD F	S4		PARKING LOT NO. 2							1
10+25	LT	LONG LAKE BOAT ACCESS		R1-1	STOP	30X30	6.25			13		
10+30	LT	ISLAND LAKE BOAT ACCESS		R1-1	STOP	30X30	6.25			13		
11+80	RT	ISLAND LAKE BOAT ACCESS		W14-2	NO OUTLET	30X30	6.25			13		
57+10	LT	EX KEELING CEMETERY RD	D6		DIRECTIONAL SIGN	60X36		15.00		28		
57+60	LT	EX KEELING CEMETERY RD	D5		DIRECTIONAL SIGN	60X36		15.00		28		
62+25	RT	EX KEELING CEMETERY RD	S2		ISLAND LAKE BOAT ACCESS							1
72+85	RT	EX KEELING CEMETERY RD	D3		DIRECTIONAL SIGN	60X36		15.00		28		
73+70	LT	EX KEELING CEMETERY RD	D2		DIRECTIONAL SIGN	60X36		15.00		28		
79+60	LT	EX KEELING CEMETERY RD	S1		LONG LAKE BOAT ACCESS							1
81+05	LT	EX KEELING CEMETERY RD	D1		DIRECTIONAL SIGN	60X36		15.00		28		
	LT	EX KEELING CEMETERY RD			ENTRANCE SIGN						1	
		EX OAK STREET EXTENDED	S9		PARKING LOT NO. 7							1
		EX ROYALTON RD	S5		PARKING LOT NO. 3							1
SUBTOTAL							125.75	180.00	2	610	1	10
PAY TOTAL							126	180	2	610	1	10

TREE REMOVAL SCHEDULE

LOCATION			TREE REMOVAL, ACRES (ACRE)
STATION	SIDE	ROADWAY	
211+32	LT/RT	ROAD A	0.09
218+19	LT/RT	ROAD A	0.06
49+08	LT/RT	ROAD E	0.02
STA 13+40 TO STA 14+80	RT	ISLAND LAKE BOAT ACCESS	0.12
STA 21+00 TO STA 27+60	LT/RT	ISLAND LAKE BOAT ACCESS	2.53
SUBTOTAL			2.82
PAY TOTAL			3.00

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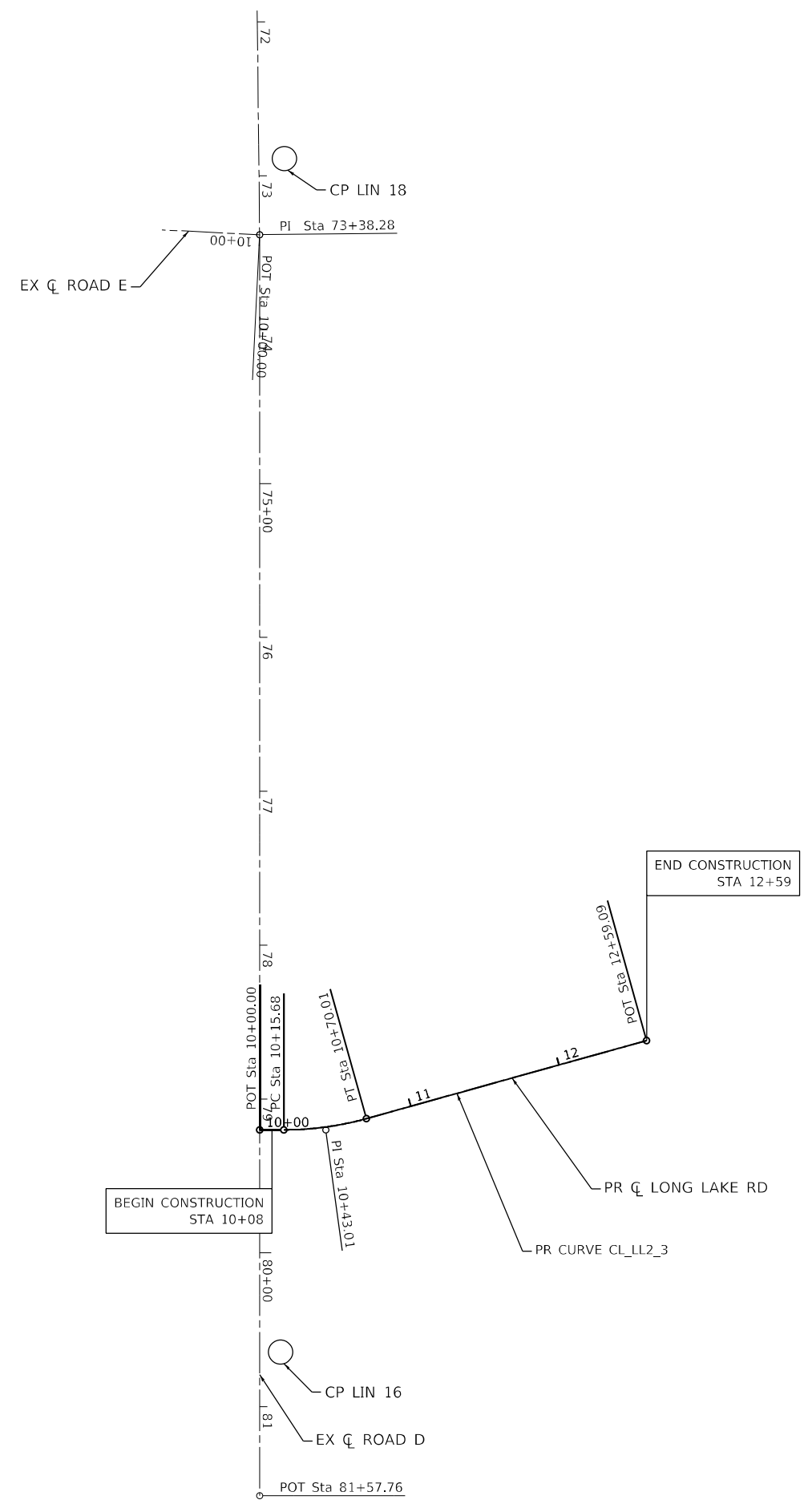
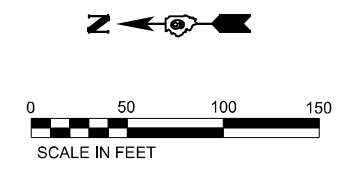
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PLOT SCALE = 0.1667' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
BURNING STAR STATE FISH & WILDLIFE AREA**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	8
			CONTRACT NO. 46925	
		ILLINOIS FED. AID PROJECT		



PROP. CURVE CL_LL2_3
 PI STA. = 10+43.01
 Δ = 15° 33' 48" (LT)
 D = 28° 38' 52"
 R = 200.00'
 T = 27.33'
 L = 54.33'
 E = 1.86'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 10+15.68
 P.T. STA. = 10+70.01

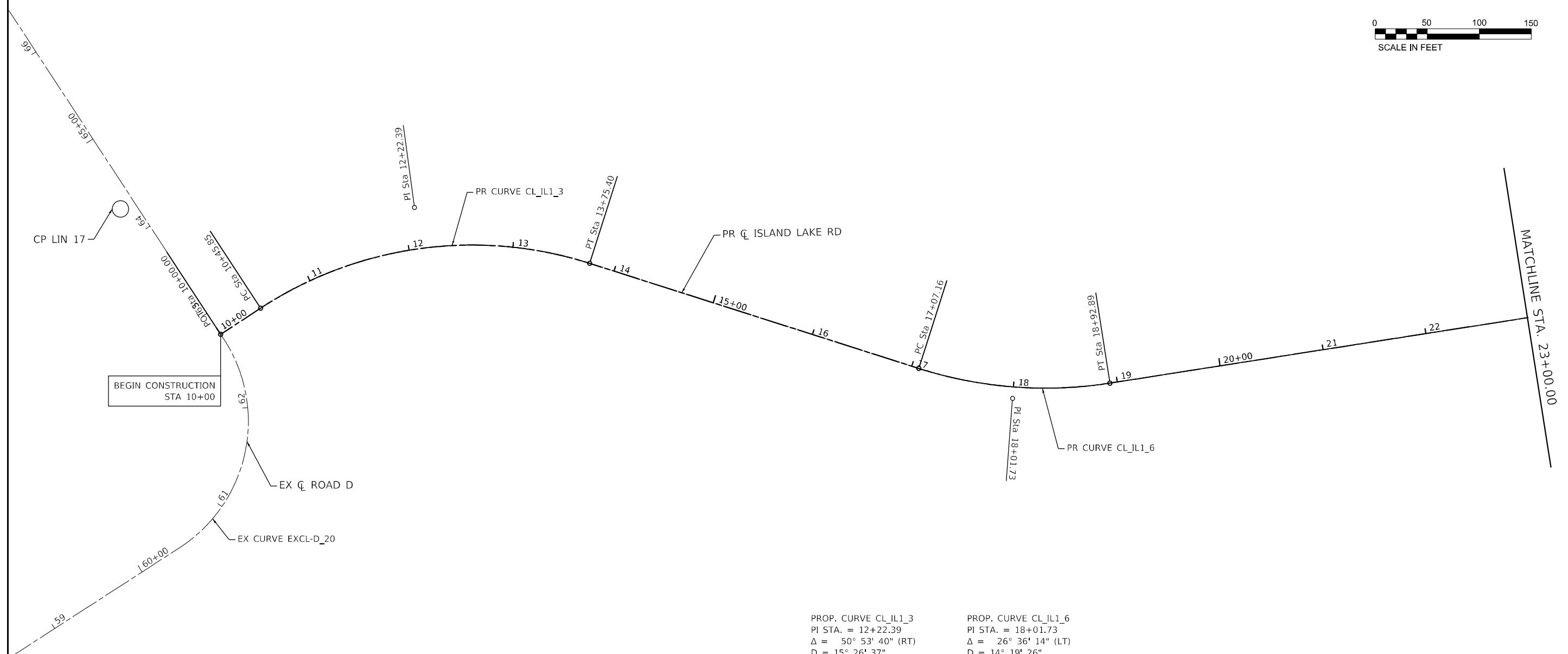
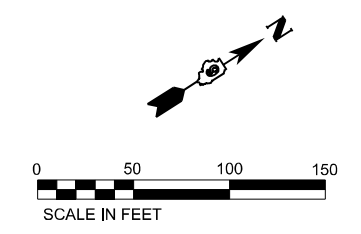


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	DRAWN - NH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 2/2/2023	DATE - 2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, BENCHMARKS, & TIES			
BURNING STAR STATE FISH & WILDLIFE AREA			
SCALE: 1"=50'	SHEET 1 OF 4 SHEETS	STA. 10+00.00 TO STA. 12+59.09	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	9
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				



PROP. CURVE CL_IL1_3
 PI STA. = 12+22.39
 $\Delta = 50^\circ 53' 40''$ (RT)
 $D = 15^\circ 26' 37''$
 $R = 371.00'$
 $T = 176.54'$
 $L = 329.55'$
 $E = 39.86'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 10+45.85$
 $P.T. STA. = 13+75.40$

PROP. CURVE CL_IL1_6
 PI STA. = 18+01.73
 $\Delta = 26^\circ 36' 14''$ (LT)
 $D = 14^\circ 19' 26''$
 $R = 400.00'$
 $T = 94.57'$
 $L = 185.73'$
 $E = 11.03'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 17+07.16$
 $P.T. STA. = 18+92.89$

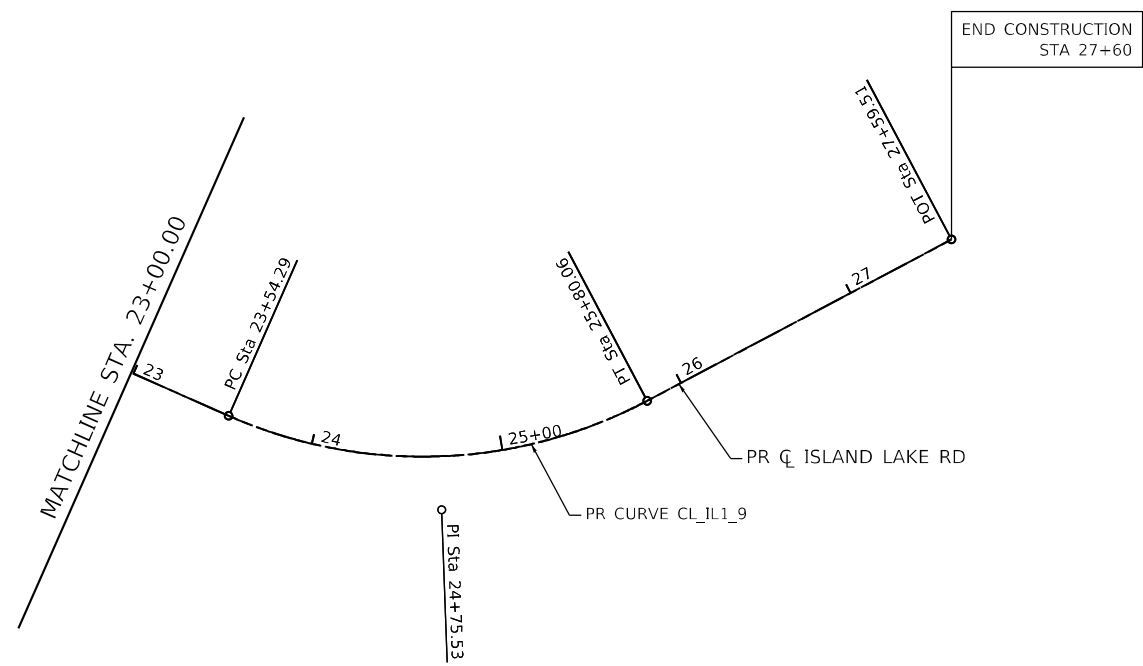
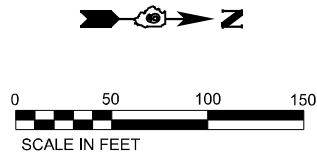


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, BENCHMARKS, & TIES BURNING STAR STATE FISH & WILDLIFE AREA			
SCALE: 1"=50'	SHEET 2 OF 4 SHEETS	STA. 10+00.00	TO STA. 23+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	10
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				



PROP. CURVE CL_IL1_9
 PI STA. = 24+75.53
 $\Delta = 51^\circ 44' 32''$ (LT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 121.24'$
 $L = 225.77'$
 $E = 27.85'$
 $e = \quad$
 $T.R. = \quad$
 $S.E. RUN = \quad$
 $P.C. STA. = 23+54.29$
 $P.T. STA. = 25+80.06$



USER NAME = 14nho	DESIGNED - NH	REVISED -
	DRAWN - NH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 2/2/2023	DATE - 2/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, BENCHMARKS, & TIES
BURNING STAR STATE FISH & WILDLIFE AREA

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 23+00.00 TO STA. 27+59.51

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	11
			CONTRACT NO. 46925	
		ILLINOIS FED. AID PROJECT		

CONTROL POINTS							
CONTROL POINT #	NORTHING	EASTING	ELEVATION	CENTERLINE	STATION	OFFSET	DESCRIPTION
L7502	433586.404	2578637.583	363.563	ROAD A	84+65.82	261.56' LT	HUB WITH TACK
L7584	433507.692	2578399.217	366.226	ROAD A	86+35.95	446.13' LT	HUB WITH TACK
LIN 10	433848.132	2578669.688	383.559	ROAD A	85+64.86	17.18' LT	1/2" REBAR WITH RED CAP
LIN 11	433837.132	2578756.997	383.333	ROAD A	84+83.20	15.61' RT	1/2" REBAR WITH RED CAP
LIN 12	434667.705	2577247.361	394.100	ROAD A	102+06.19	13.06' RT	1/2" REBAR WITH RED CAP
LIN 13	435146.684	2576304.145	385.999	ROAD A	112+57.46	21.05' LT	1/2" REBAR WITH RED CAP
LIN 15	434658.019	2573397.670	378.191	ROAD D	41+69.37	19.96' LT	1/2" REBAR WITH RED CAP
LIN 14	434214.582	2572921.038	376.363	ROAD D	48+21.12	9.38' RT	1/2" REBAR WITH RED CAP
LIN 16	434507.944	2570131.516	384.525	ROAD D	80+64.37	13.55' LT	SET 5/8" REBAR
LIN 17	434512.695	2571766.789	393.849	ROAD D	64+29.22	14.63' LT	SET 5/8" REBAR
LIN 18	434503.601	2570907.081	393.153	ROAD D	72+88.96	16.56' LT	SET 5/8" REBAR

CURVE DATA								
CURVE NO.	CURVE NAME	CENTERLINE	PC		PI		PT	
			NORTH	EAST	NORTH	EAST	NORTH	EAST
IL CURVE 1	PROP. CURVE CL_IL1_3	ISLAND LAKE RD	434574.452	2571919.574	434750.985	2571918.104	434863.474	2572054.163
IL CURVE 2	PROP. CURVE CL_IL1_6	ISLAND LAKE RD	435074.868	2572309.852	435135.127	2572382.738	435189.202	2572406.603
IL CURVE 3	PROP. CURVE CL_IL1_9	ISLAND LAKE RD	435643.765	2572607.215	435754.682	2572656.166	435861.799	2572599.381
LL CURVE 1	PROP. CURVE CL_LL2_3	LONG LAKE RD	434505.468	2570275.878	434422.804	2570275.813	435221.647	2572420.922

ALIGNMENT COORDINATES ISLAND LAKE RD			
	STATION	NORTHING	EASTING
POT	10+00.00	434528.603	2571919.956
PC	10+45.85	434574.452	2571919.574
PI	12+22.39	434750.985	2571918.104
PT	13+75.40	434863.474	2572054.163
PC	17+07.16	435074.868	2572309.852
PI	18+01.73	435135.127	2572382.738
PT	18+92.89	435221.647	2572420.922
PC	23+54.29	435643.765	2572607.215
PI	24+75.53	435754.682	2572656.166
PT	25+80.06	435861.799	2572599.381
POT	27+59.51	436020.353	2572515.329

ALIGNMENT COORDINATES LONG LAKE RD			
	STATION	NORTHING	EASTING
POT	10+00.00	434521.312	2570159.713
PC	10+15.68	434505.468	2570275.878
PI	10+43.01	434478.137	2570275.813
PT	10+70.01	434451.791	2570283.083
POT	12+59.09	434269.520	2570333.377

BENCHMARK LIST							
BM #	NORTHING	EASTING	ELEVATION	STATION	CENTERLINE	OFFSET	DESCRIPTION
BM 1	428467.338	2580900.468	402.502	12+88.03	ROAD A	130.91' LT	SET CHISELED "X" IN TOP NORTH BOLT ON FH TOP FLANGE IN FRONT OF IDNR MAINTENANCE BUILDING



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 PLOT DATE = 2/2/2023

DESIGNED - NH
 DRAWN - NH
 CHECKED - ST
 DATE - 2/2023

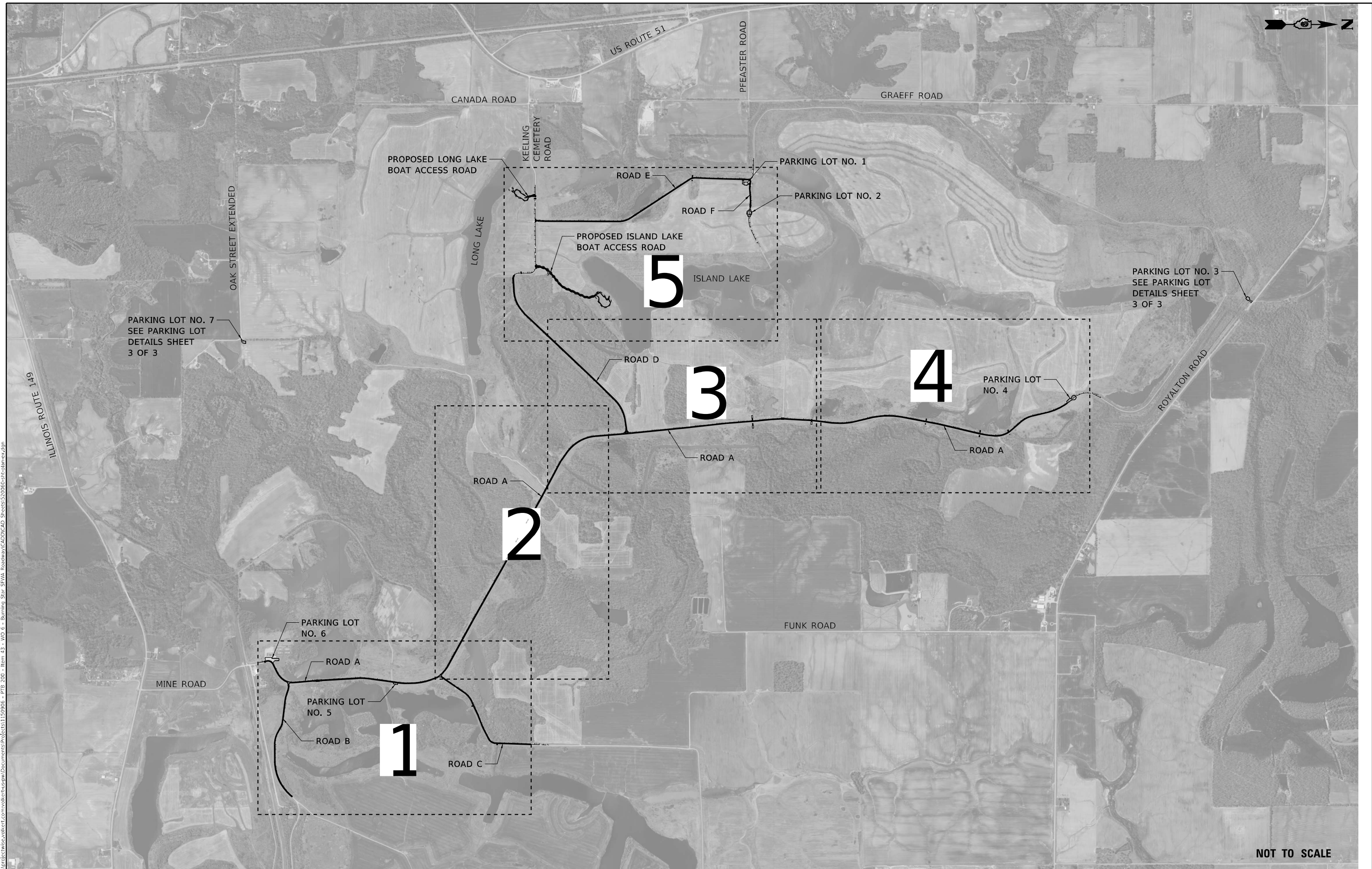
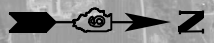
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 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, BENCHMARKS, & TIES
 BURNING STAR STATE FISH & WILDLIFE AREA

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	12
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				



PARKING LOT NO. 3
SEE PARKING LOT
DETAILS SHEET
3 OF 3

PARKING LOT NO. 7
SEE PARKING LOT
DETAILS SHEET
3 OF 3

NOT TO SCALE

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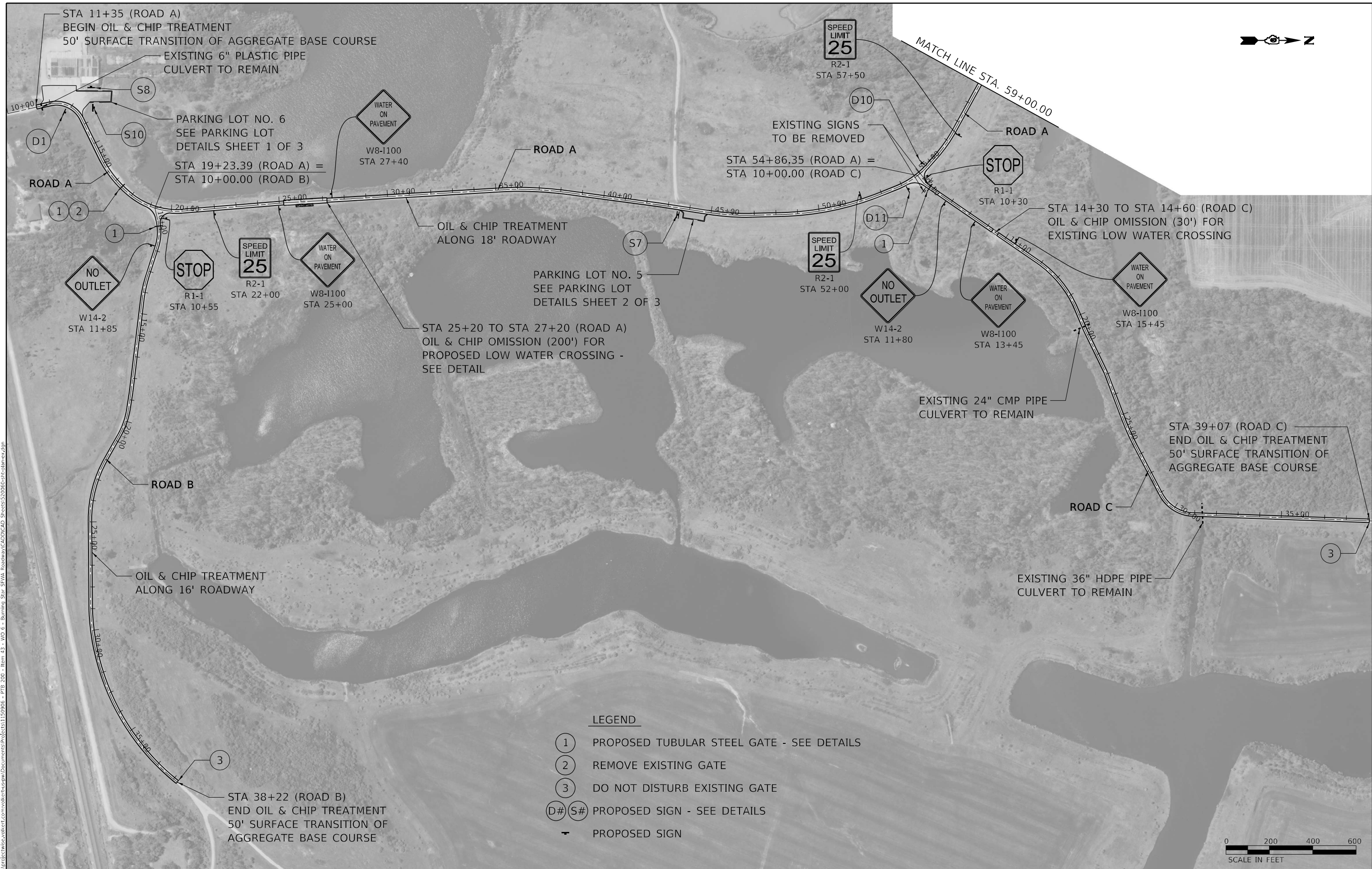
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERVIEW PLAN SHEET
BURNING STAR STATE FISH & WILDLIFE AREA**

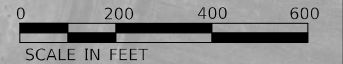
SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	13
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				



LEGEND

- ① PROPOSED TUBULAR STEEL GATE - SEE DETAILS
- ② REMOVE EXISTING GATE
- ③ DO NOT DISTURB EXISTING GATE
- D# S# PROPOSED SIGN - SEE DETAILS
- ▬ PROPOSED SIGN



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PLOT DATE = 1/30/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
BURNING STAR STATE FISH & WILDLIFE AREA**

SCALE: 1"=200' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	14
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 120+00.00

00+51.1

00+101.1

00+150.1

00+200.1

00+250.1

00+300.1

00+350.1

00+400.1

00+450.1

00+500.1

00+550.1

00+600.1

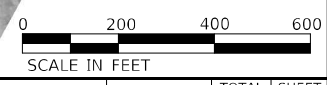
ROAD A

OIL & CHIP TREATMENT
ALONG 18' ROADWAY

MATCH LINE
STA. 59+00.00

LEGEND

- ① PROPOSED TUBULAR STEEL GATE - SEE DETAILS
- ② REMOVE EXISTING GATE
- ③ DO NOT DISTURB EXISTING GATE
- D# S# PROPOSED SIGN - SEE DETAILS
- PROPOSED SIGN



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PLOT DATE = 1/30/2023	CHECKED -	REVISED -
	DATE -	REVISED -

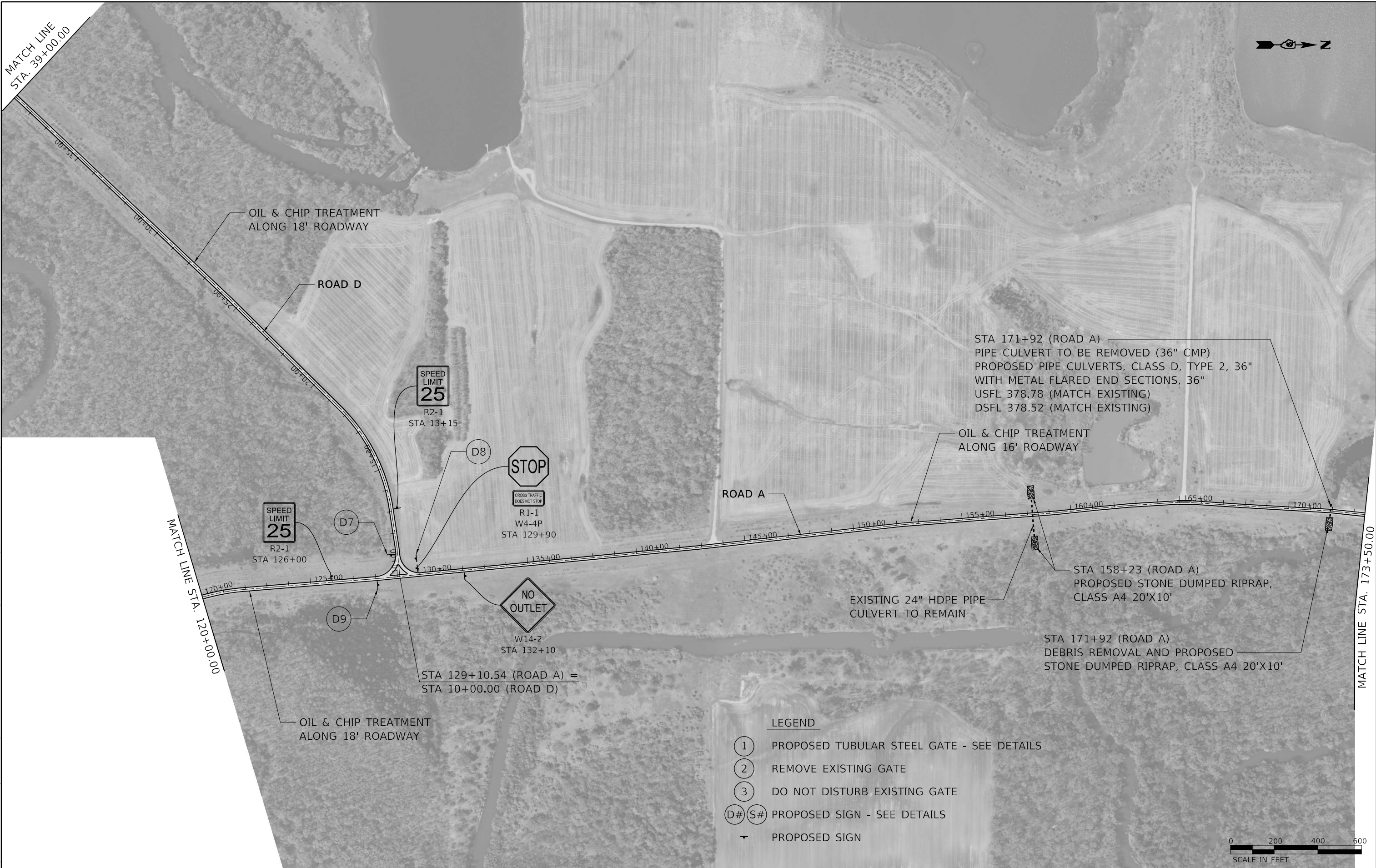
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CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
BURNING STAR STATE FISH & WILDLIFE AREA**

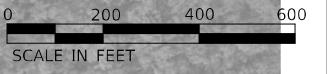
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	15
			CONTRACT NO. 46925	
		ILLINOIS	FED. AID PROJECT	



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- LEGEND**
- ① PROPOSED TUBULAR STEEL GATE - SEE DETAILS
 - ② REMOVE EXISTING GATE
 - ③ DO NOT DISTURB EXISTING GATE
 - D# S# PROPOSED SIGN - SEE DETAILS
 - ▬ PROPOSED SIGN



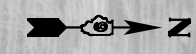
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
BURNING STAR STATE FISH & WILDLIFE AREA

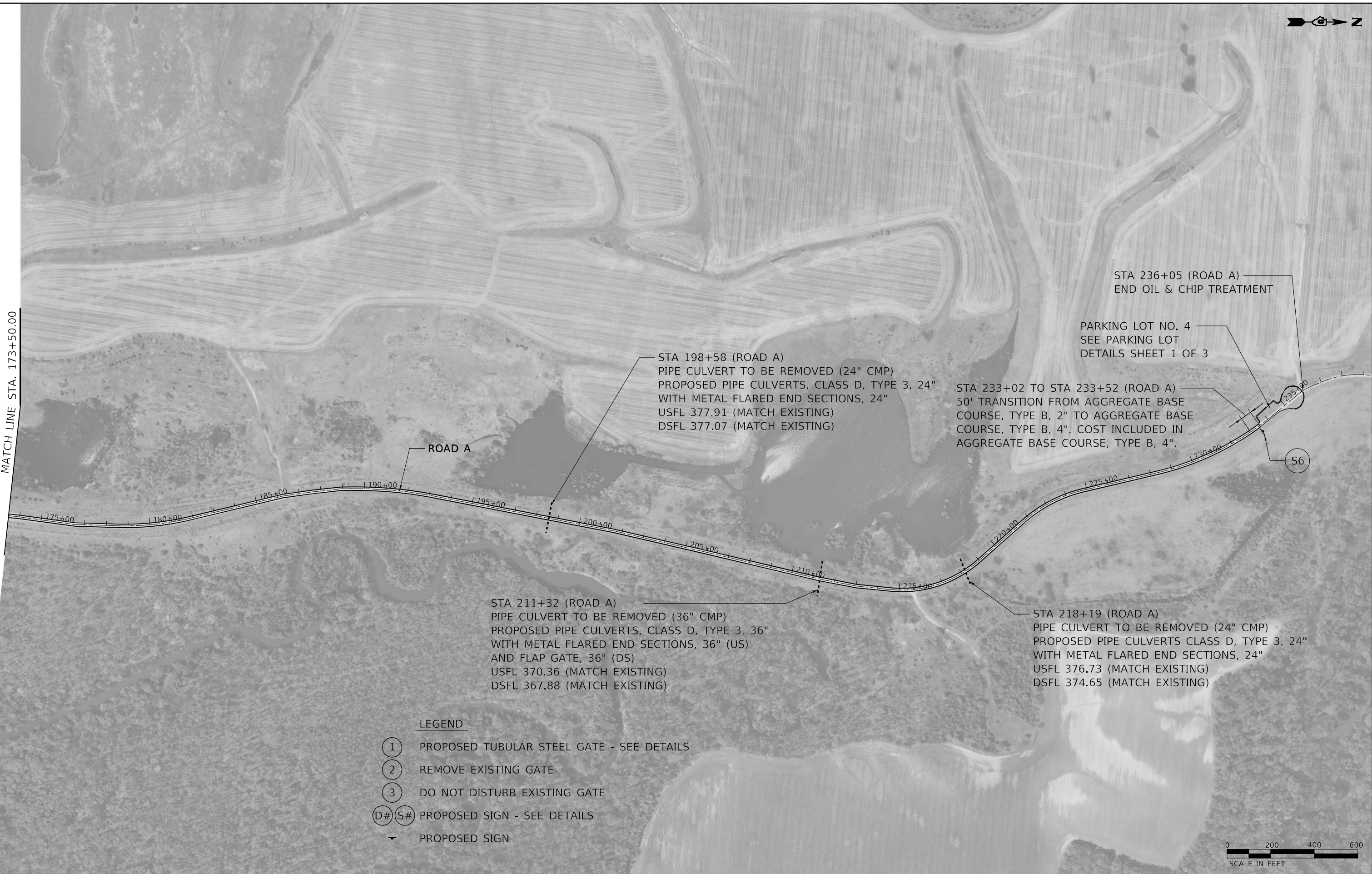
SCALE: 1"=200' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	16
			CONTRACT NO. 46925	
		ILLINOIS FED. AID PROJECT		



MATCH LINE STA. 173+50.00

MODEL: 41001.DWG
FILE: 41001.dwg
PROJECT: 1150906 - PB, 200 - Item 43 - W0 6 - Burning Star SWVA Roadway
CADD: CADD_Sheets\5200606-3h-cad-ex.dwg



- LEGEND**
- ① PROPOSED TUBULAR STEEL GATE - SEE DETAILS
 - ② REMOVE EXISTING GATE
 - ③ DO NOT DISTURB EXISTING GATE
 - D# S# PROPOSED SIGN - SEE DETAILS
 - ▬ PROPOSED SIGN



USER NAME = default	DESIGNED -	REVISED -
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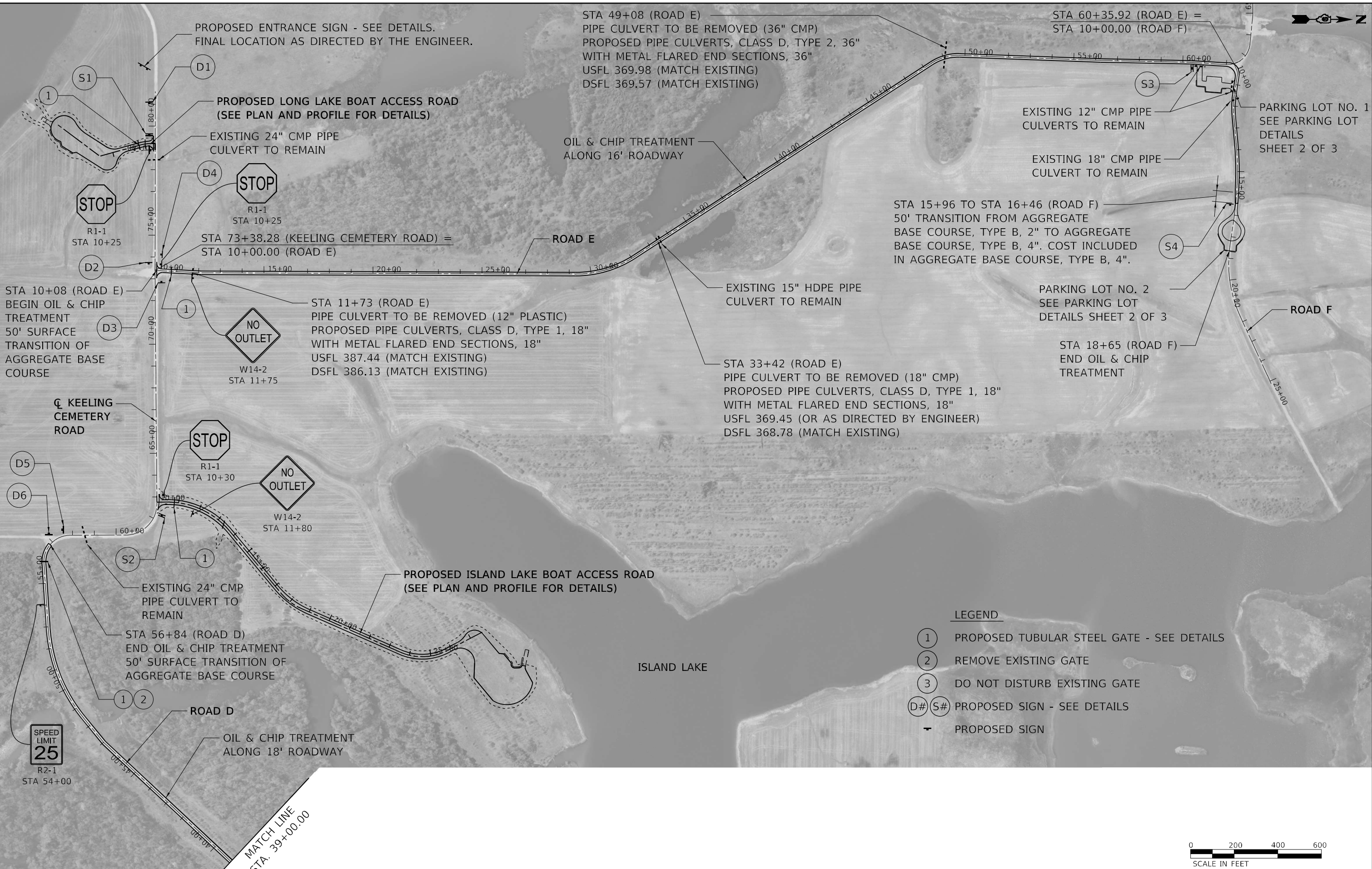
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
BURNING STAR STATE FISH & WILDLIFE AREA

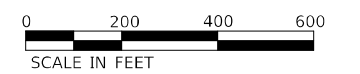
SCALE: 1"=200' SHEET 4 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	17
			CONTRACT NO. 46925	
		ILLINOIS	FED. AID PROJECT	

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- LEGEND**
- (1) PROPOSED TUBULAR STEEL GATE - SEE DETAILS
 - (2) REMOVE EXISTING GATE
 - (3) DO NOT DISTURB EXISTING GATE
 - (D#)/(S#) PROPOSED SIGN - SEE DETAILS
 - PROPOSED SIGN



USER NAME = default	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 400,0000' / in.	CHECKED -	REVISD -
PLOT DATE = 1/30/2023	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
BURNING STAR STATE FISH & WILDLIFE AREA**

SCALE: 1"=200' SHEET 5 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	18
			CONTRACT NO. 46925	
ILLINOIS		FED. AID PROJECT		

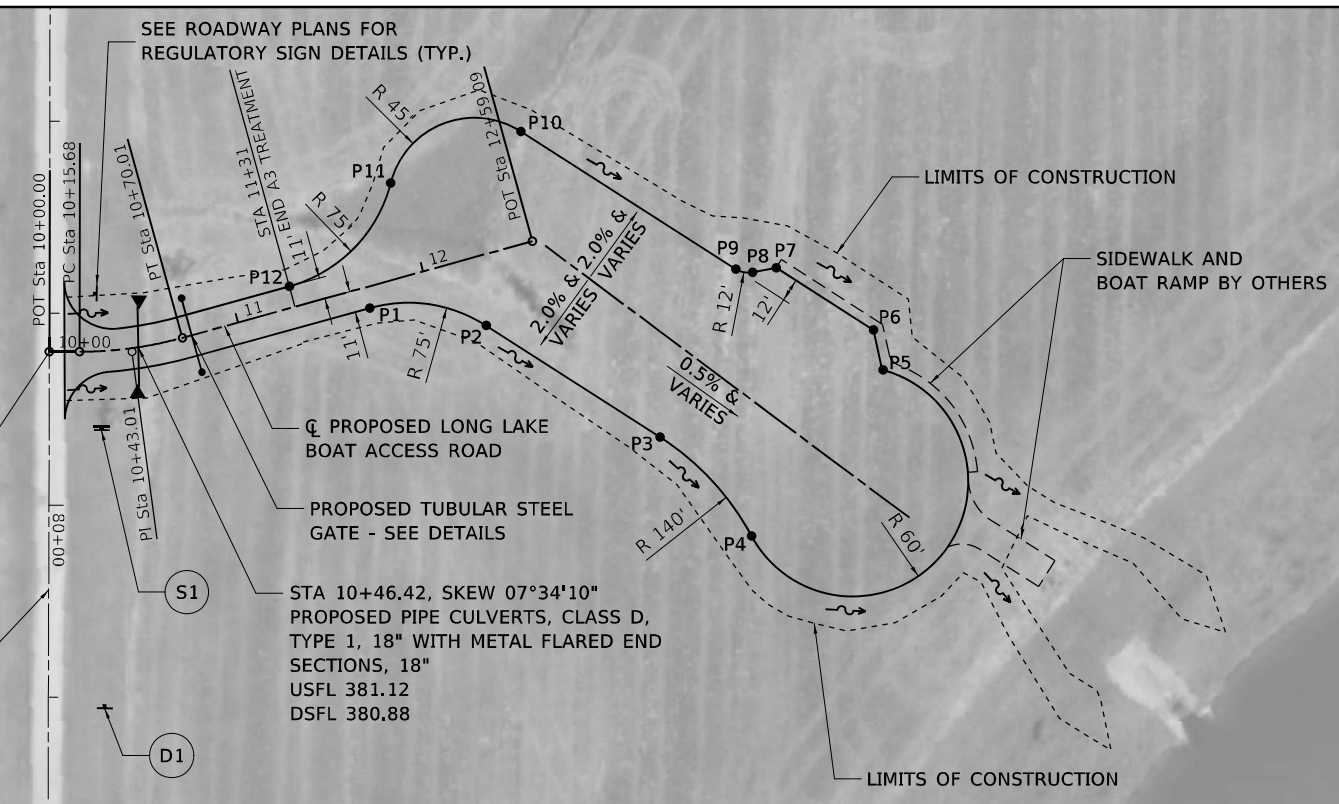
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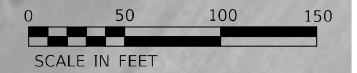
STA 10+00.00 (LONG LAKE BOAT ACCESS ROAD) = STA 79+20.00 (KEELING CEMETERY ROAD)

STA 10+46.42, SKEW 07°34'10"
 PROPOSED PIPE CULVERTS, CLASS D, TYPE 1, 18" WITH METAL FLARED END SECTIONS, 18" USFL 381.12 DSFL 380.88



PROP. CURVE CL_LL2_3
 PI STA. = 10+43.01
 $\Delta = 15^\circ 33' 48''$ (LT)
 $D = 28^\circ 38' 52''$
 R = 200.00'
 T = 27.33'
 L = 54.33'
 E = 1.86'
 e = NC
 P.C. STA. = 10+15.68
 P.T. STA. = 10+70.01

POINT NUMBER	NORTHING	EASTING	ELEVATION
P1	434534.22	2570298.59	381.81
P2	434293.82	2570289.45	381.40
P3	434203.06	2570231.30	380.72
P4	434155.36	2570179.89	380.28
P5	434087.27	2570266.40	380.07
P6	434091.96	2570287.21	379.71
P7	434142.48	2570319.57	380.12
P8	434154.88	2570317.19	380.37
P9	434163.62	2570318.87	380.54
P10	434275.47	2570390.52	381.22
P11	434343.36	2570363.70	381.64
P12	434396.11	2570309.86	382.05



VOLKERT

USER NAME = default	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/30/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED BOAT ACCESS PLAN AND PROFILE SHEETS
 LONG LAKE BOAT ACCESS - BS SFWA

SCALE: 1"=50'

SHEET 1 OF 3 SHEETS

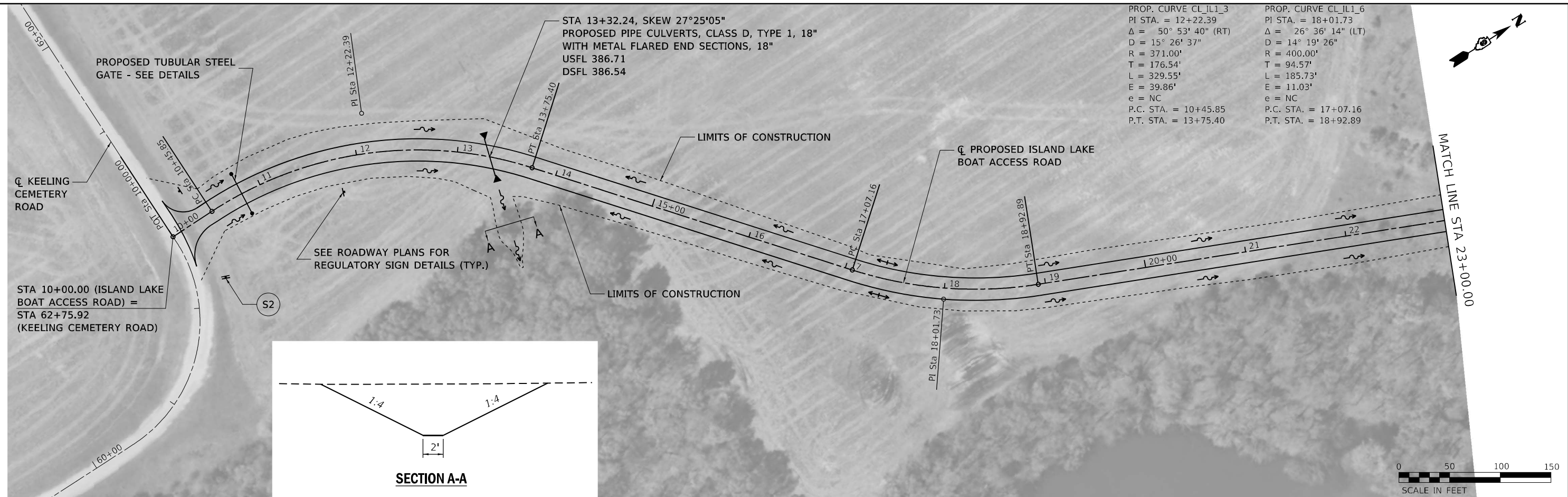
STA. 10+00.00 TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	19	
			CONTRACT NO. 46925	
			ILLINOIS FED. AID PROJECT	

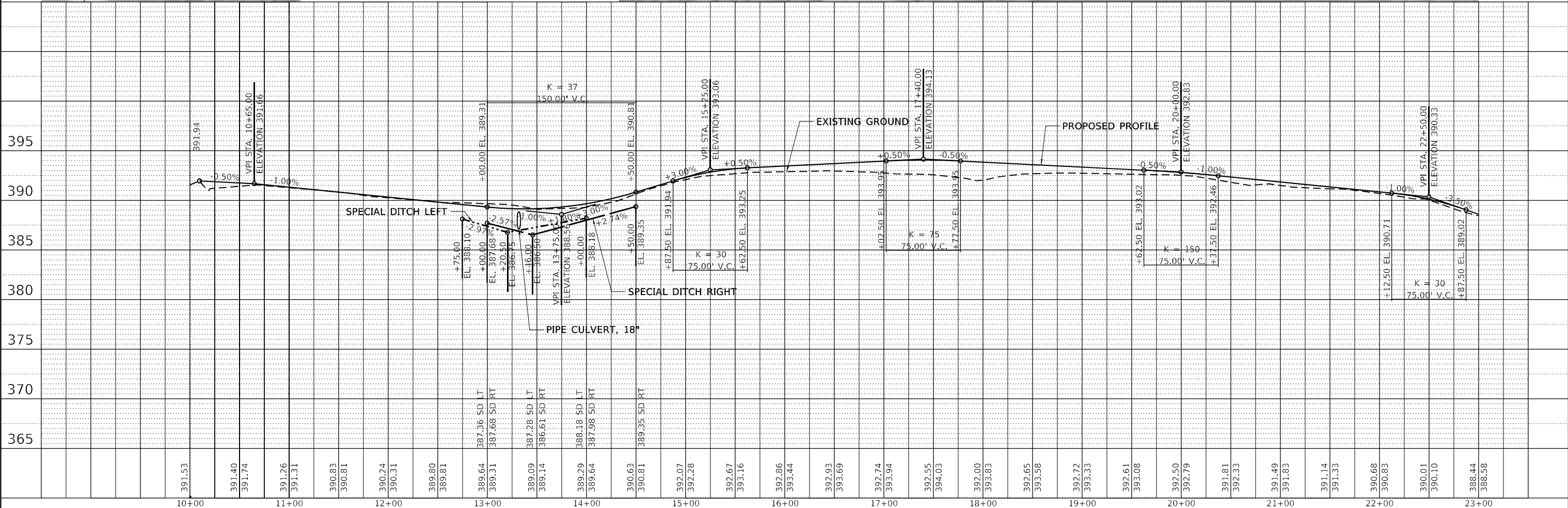
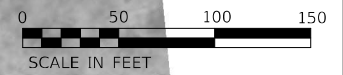
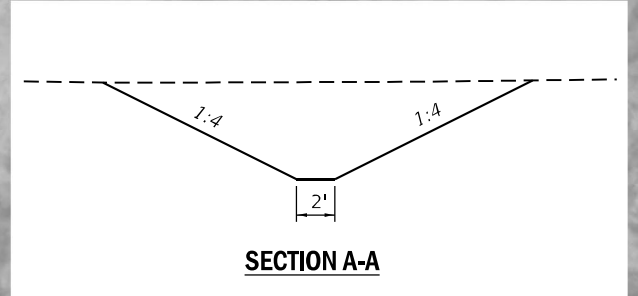
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PROFILE	DATE
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DESCRIPTION	
NO.	
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BY	
DESCRIPTION	

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PROP. CURVE CL_IL1_3	PROP. CURVE CL_IL1_6
PI STA. = 12+22.39	PI STA. = 18+01.73
Δ = 50° 53' 40" (RT)	Δ = 26° 36' 14" (LT)
D = 15° 26' 37"	D = 14° 19' 26"
R = 371.00'	R = 400.00'
T = 176.54'	T = 94.57'
L = 329.55'	L = 185.73'
E = 39.86'	E = 11.03'
e = NC	e = NC
P.C. STA. = 10+45.85	P.C. STA. = 17+07.16
P.T. STA. = 13+75.40	P.T. STA. = 18+92.89



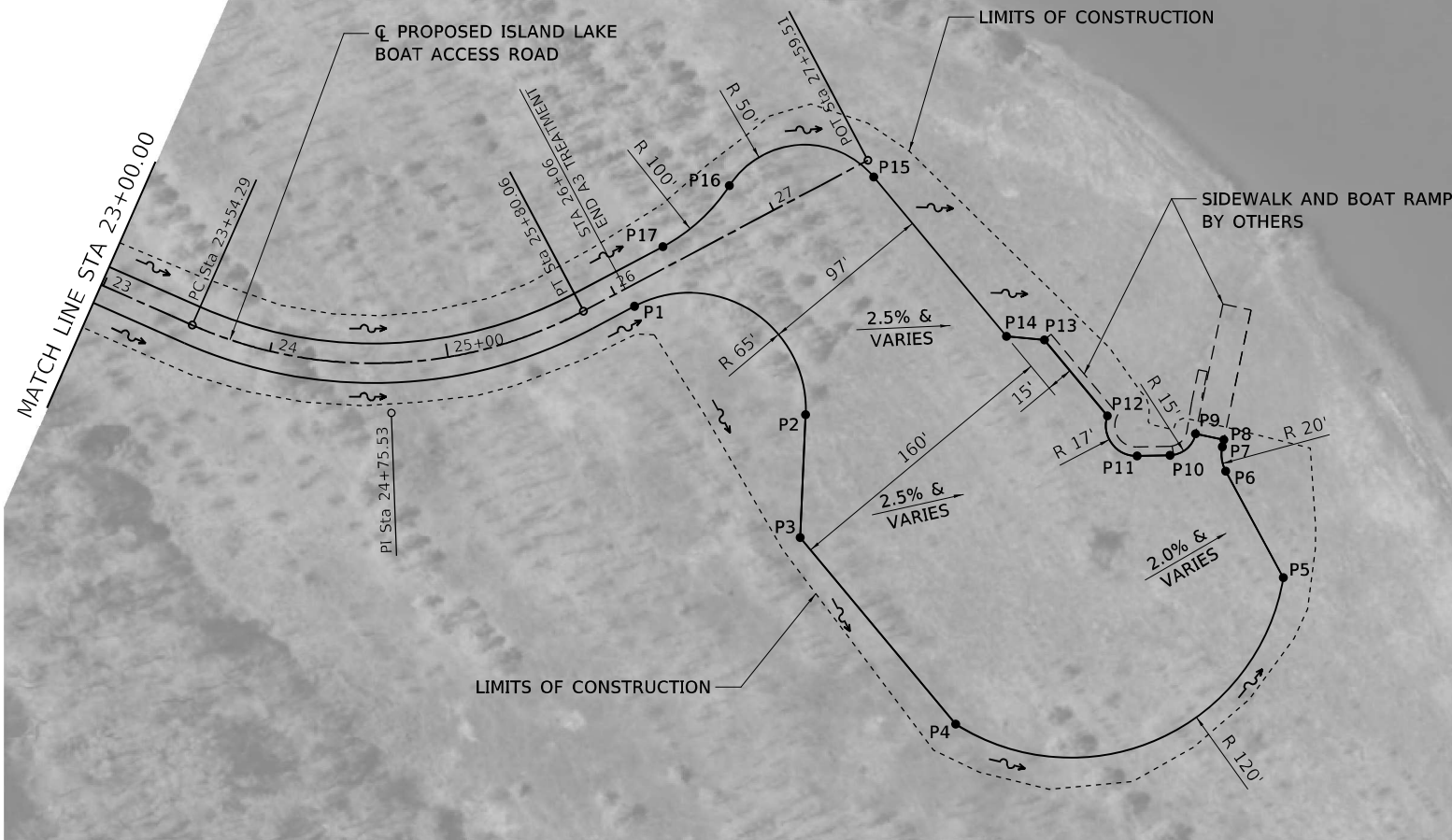
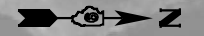
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	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -			IDNR	BURNING STAR 2022	JACKSON	20	
	PLOT DATE = 1/30/2023	DATE -	REVISED -			CONTRACT NO. 46925				
						SCALE: 1"=50'	SHEET 2 OF 3 SHEETS	STA. 10+00.00 TO STA. 23+00.00	ILLINOIS	FED. AID PROJECT

PLAN	DATE
BY	
REVISED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATION	
NOTE BOOK NO.	

PROFILE	DATE
BY	
REVISED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATION	
NOTE BOOK NO.	

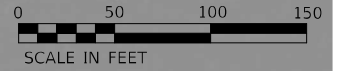
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PROP. CURVE CL_IL1_9
PI STA. = 24+75.53
 $\Delta = 51^\circ 44' 32''$ (LT)
D = 22° 55' 06"
R = 250.00'
T = 121.24'
L = 225.77'
E = 27.85'
e = NC
P.C. STA. = 23+54.29
P.T. STA. = 25+80.06



ISLAND LAKE

ISLAND LAKE BOAT ACCESS GRADING TABLE			
POINT NUMBER	NORTHING	EASTING	ELEVATION
P1	435890.24	2572596.76	375.02
P2	435985.61	2572657.10	373.82
P3	435982.54	2572725.56	374.00
P4	436069.23	2572829.70	372.64
P5	436251.88	2572747.94	368.72
P6	436219.79	2572688.70	368.72
P7	436217.81	2572675.04	368.72
P8	436218.63	2572671.13	368.72
P9	436202.98	2572667.83	368.72
P10	436188.70	2572679.72	369.11
P11	436170.39	2572680.21	369.42
P12	436153.83	2572657.79	369.82
P13	436118.64	2572615.52	370.50
P14	436097.52	2572613.59	371.02
P15	436023.50	2572524.68	372.75
P16	435943.11	2572529.50	374.43
P17	435906.01	2572563.50	375.29



USER NAME = default	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/30/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED BOAT ACCESS PLAN AND PROFILE SHEETS
ISLAND LAKE BOAT ACCESS - BS SFVA

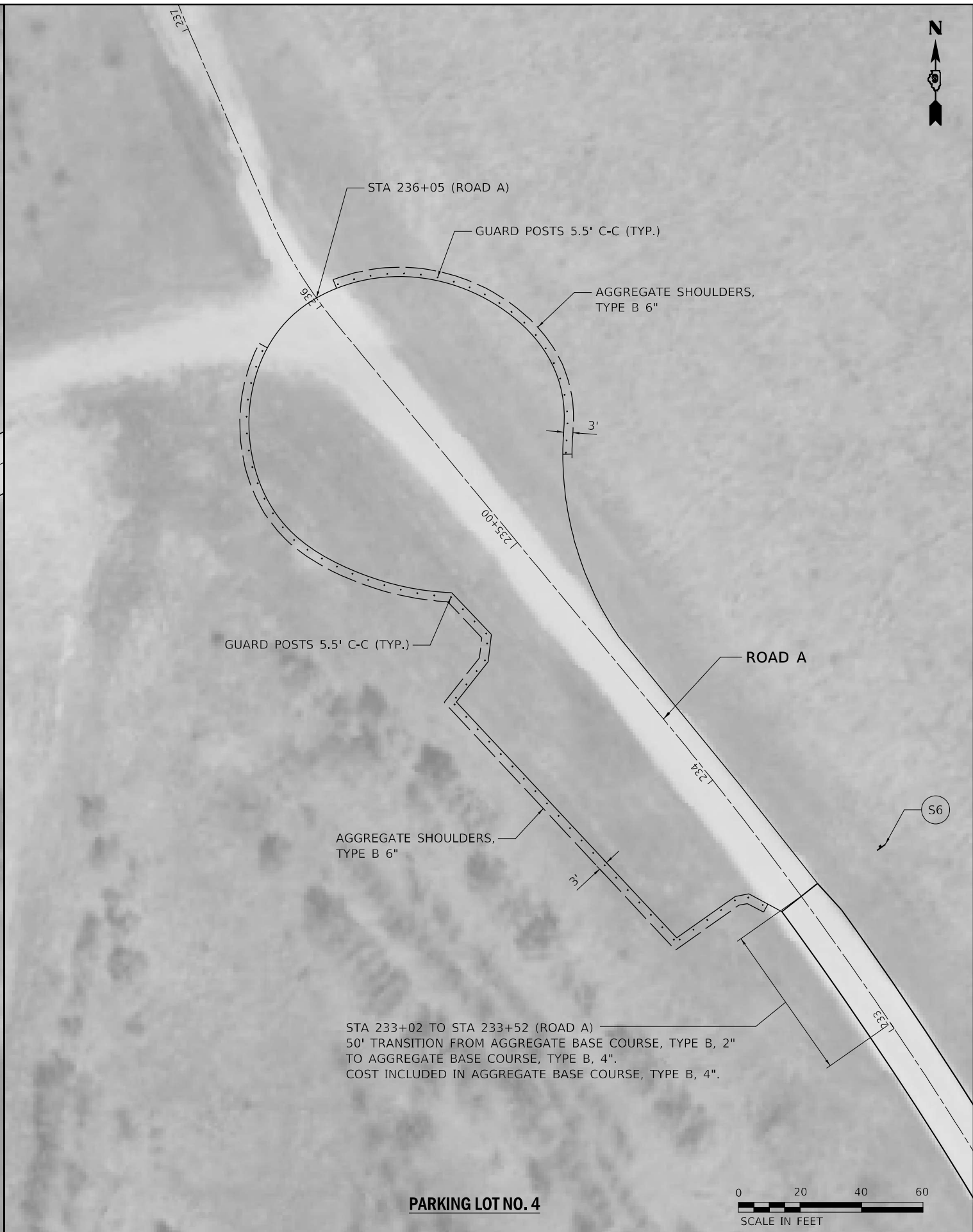
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	21	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 46925	

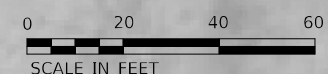
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PARKING LOT NO. 6



PARKING LOT NO. 4



STA 233+02 TO STA 233+52 (ROAD A)
 50' TRANSITION FROM AGGREGATE BASE COURSE, TYPE B, 2"
 TO AGGREGATE BASE COURSE, TYPE B, 4".
 COST INCLUDED IN AGGREGATE BASE COURSE, TYPE B, 4".



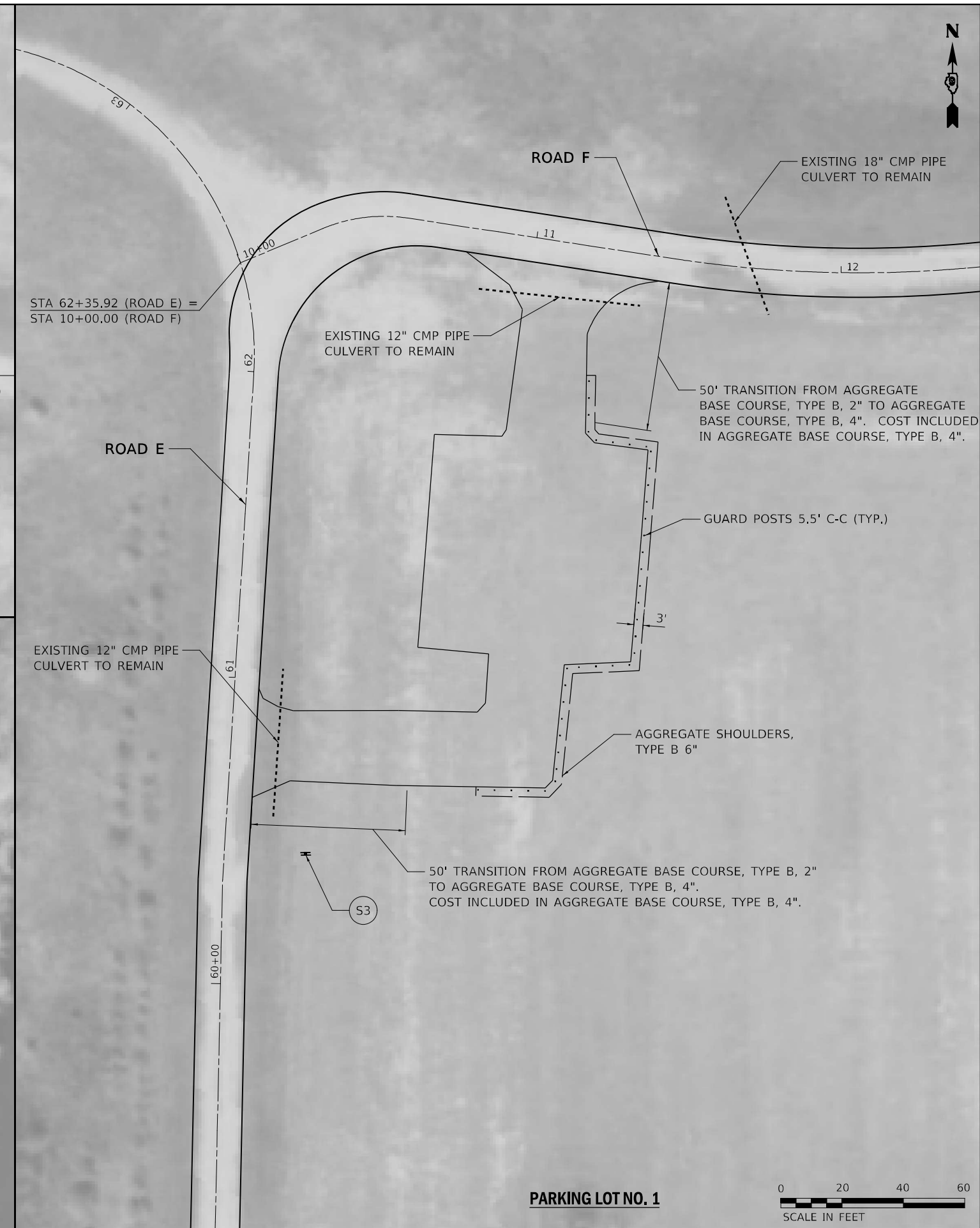
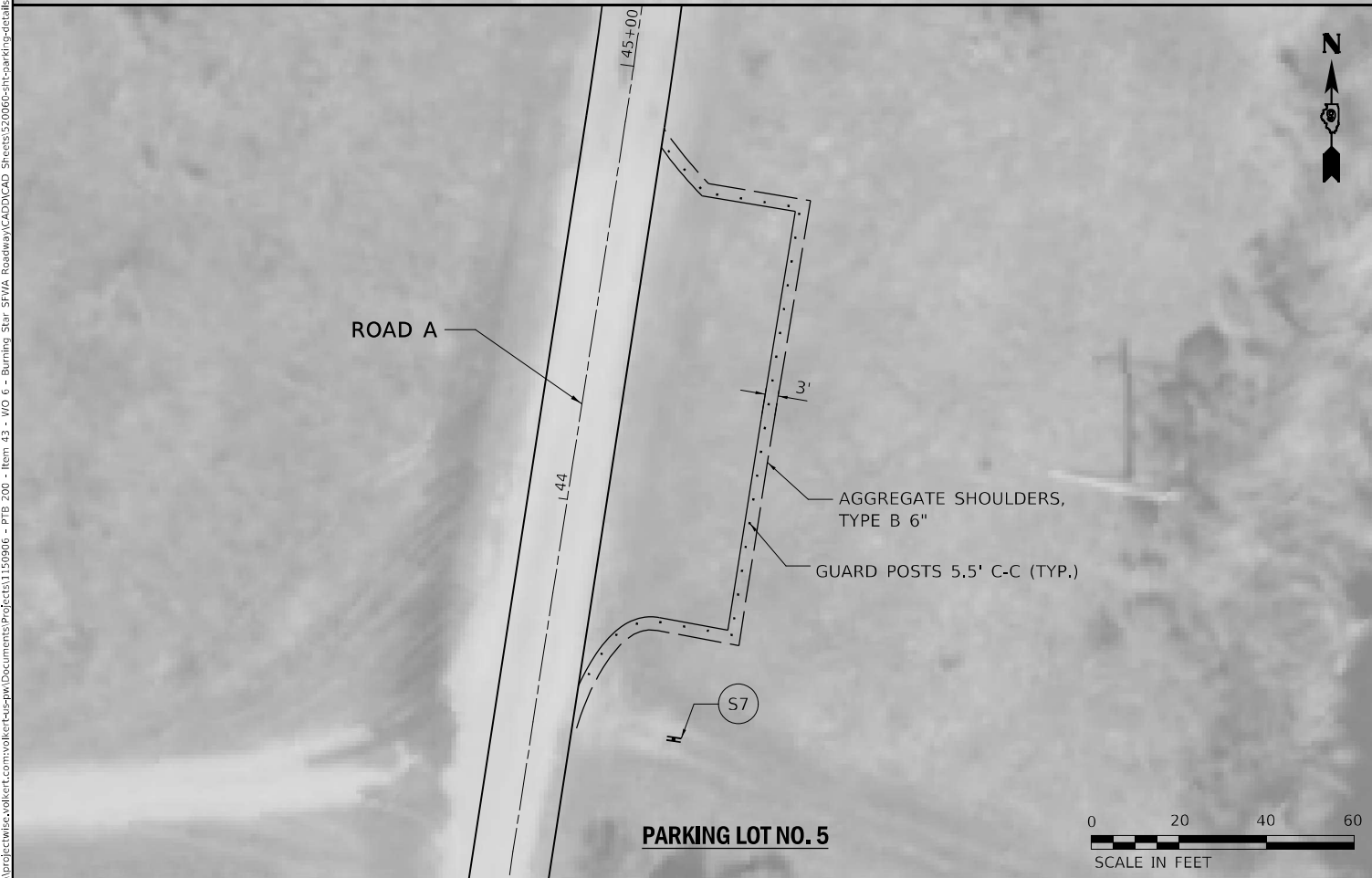
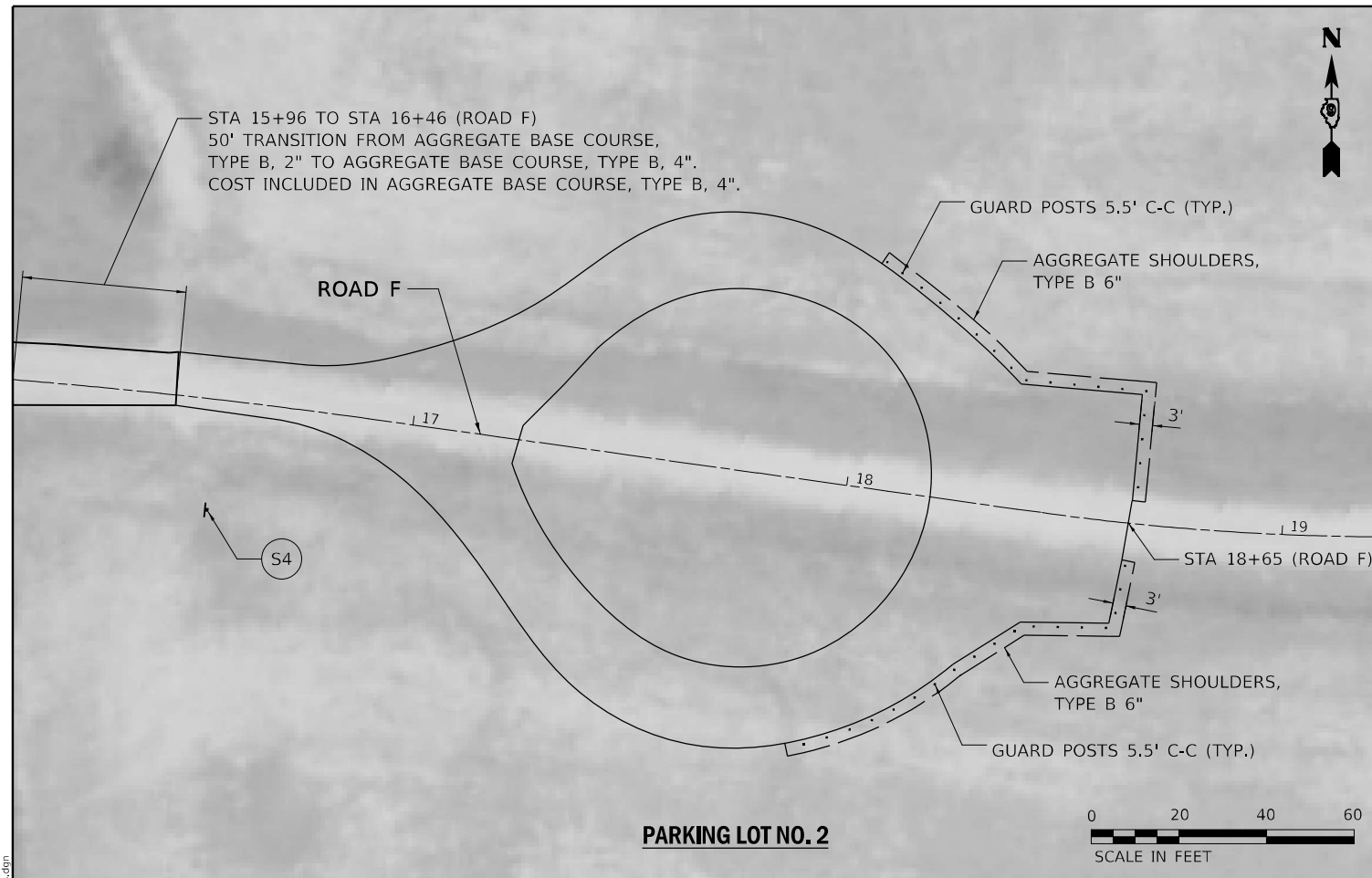
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DRAWN -	REVISED -	
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PLOT DATE = 1/30/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARKING LOT DETAILS
BURNING STAR STATE FISH & WILDLIFE AREA

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	22
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				



MODEL: 41001.DWG
 FILE: 41001.DWG
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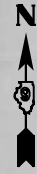
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PLOT DATE = 1/30/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PARKING LOT DETAILS
BURNING STAR STATE FISH & WILDLIFE AREA**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	23
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				



PARKING LOT NO. 7



PARKING LOT NO. 3



MODEL: 41001.DWG
FILE: 41001.dwg
PROJECT: 1150906 - P/B 200 - Item 43 - W/D 6 - Burning Star SFWA Roadway/CADD/CAD Sheets/520066-ht-cvarkp-detailed.dwg



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PLOT DATE = 1/30/2023

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PARKING LOT DETAILS
BURNING STAR STATE FISH & WILDLIFE AREA**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	24
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				

BEGIN CONSTRUCTION
STA 10+08

END CONSTRUCTION
STA 12+59

ROAD D

10+07.89
36.32' LT

10+00

11 LONG LAKE RD 1.12

10+08.03
35.29' RT

PR ϕ LONG LAKE RD

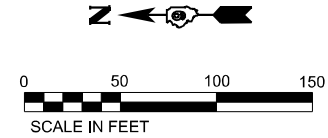
10+00

+00

+04

18

EX ϕ ROAD D



LEGEND



MULCH, METHOD 2



SEEDING, CLASS 2A



TEMPORARY DITCH CHECK

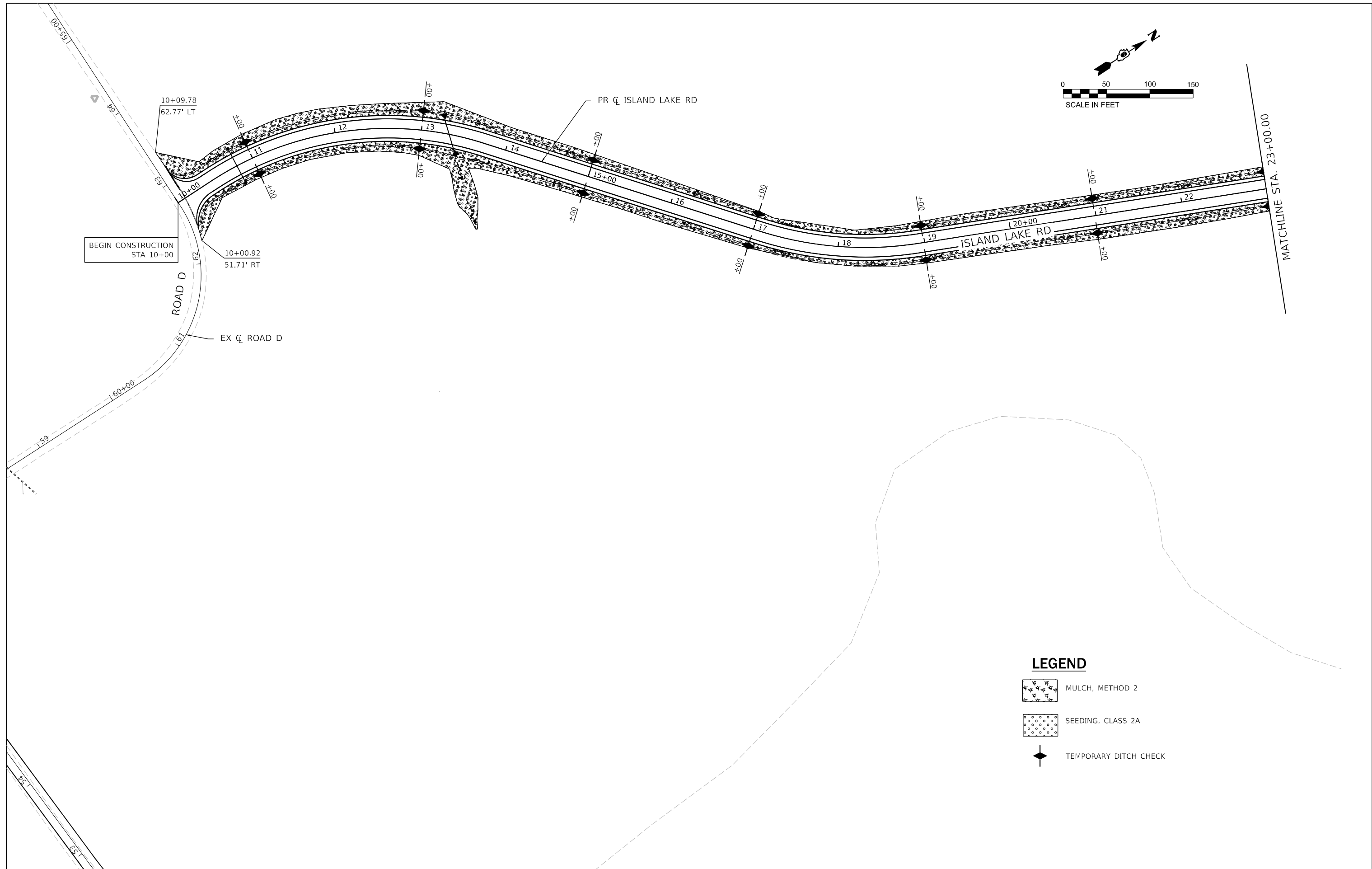
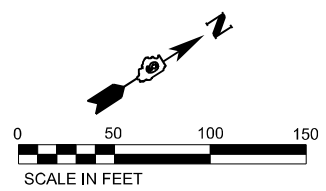


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


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN	
BURNING STAR STATE FISH & WILDLIFE AREA	
SCALE: 1"=50'	SHEET 1 OF 3 SHEETS STA. 10+00.00 TO STA. 12+59.09

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BURNING STAR 2022	JACKSON	52	25
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				



LEGEND

-  MULCH, METHOD 2
-  SEEDING, CLASS 2A
-  TEMPORARY DITCH CHECK

LIN ENGINEERING, LTD.
Consulting Engineers
Westmont, Illinois

USER NAME = 14nho
PLOT SCALE = 100,0000' / in.
PLOT DATE = 2/2/2023

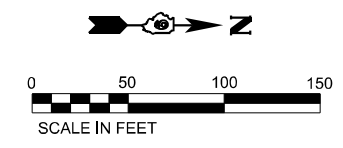
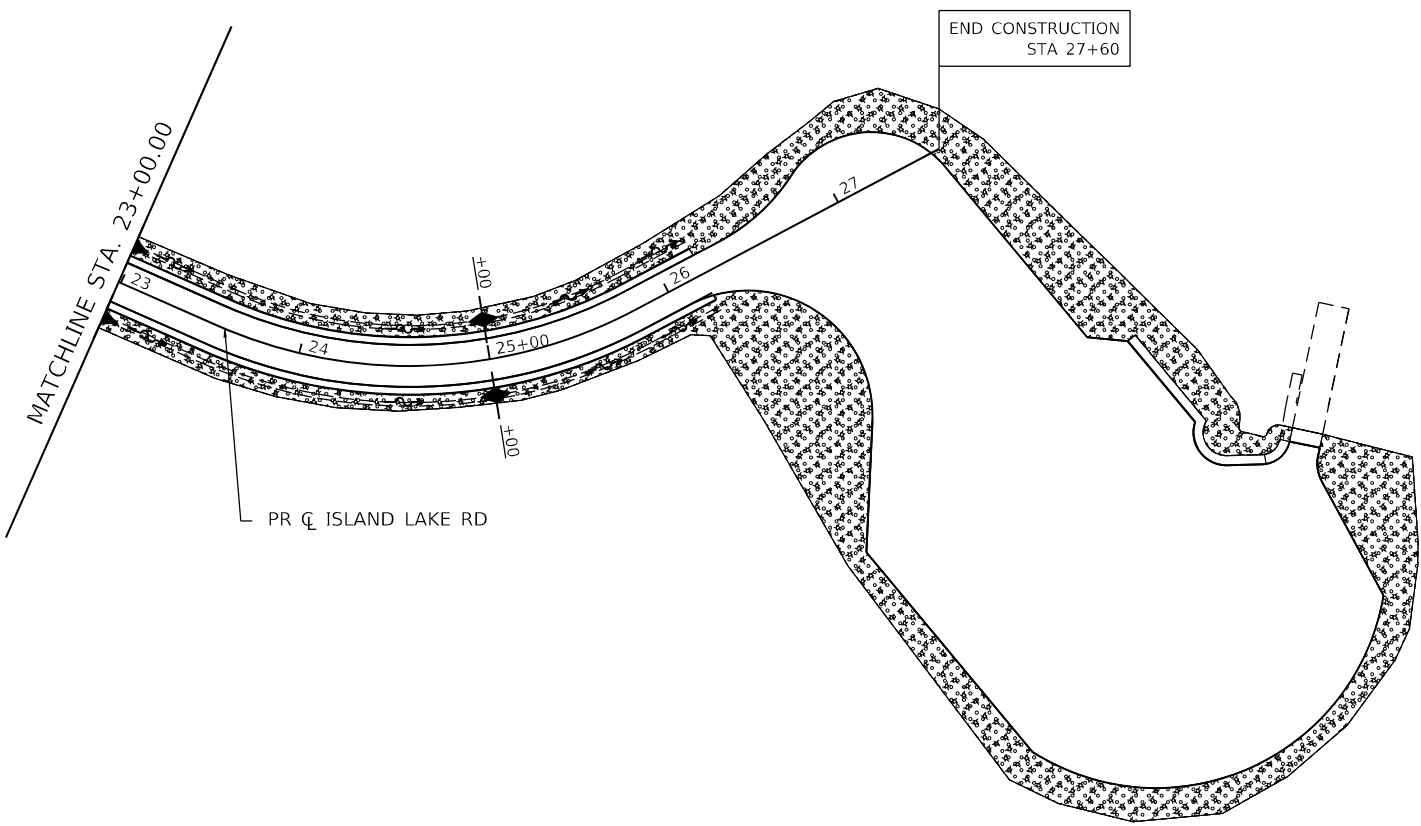
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DRAWN - JK
CHECKED - ST
DATE - 2/2023

REVISED -
REVISED -
REVISED -
REVISED -




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
BURNING STAR STATE FISH & WILDLIFE AREA**
SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 10+00.00 TO STA. 23+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BURNING STAR 2022	JACKSON	52	26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 46925	



LEGEND

-  MULCH, METHOD 2
-  SEEDING, CLASS 2A
-  TEMPORARY DITCH CHECK



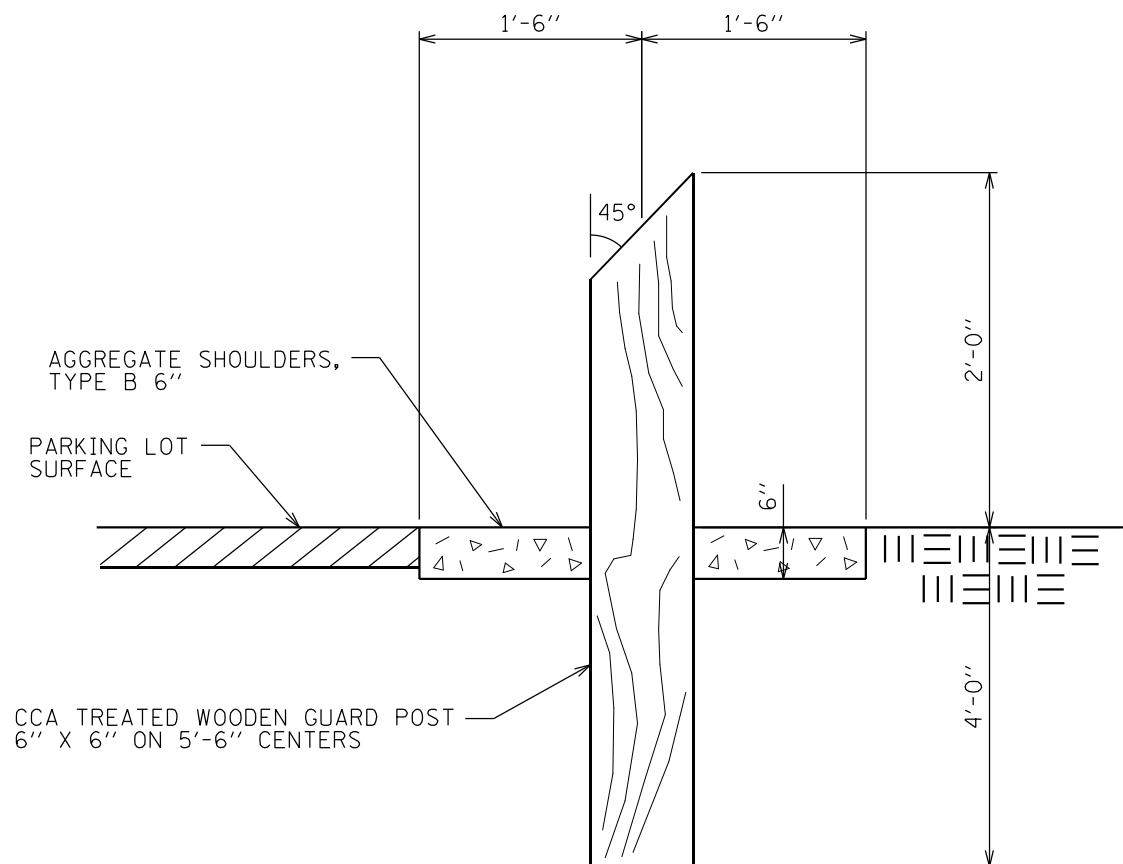
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PLOT DATE = 2/2/2023	DATE - 2/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN BURNING STAR STATE FISH & WILDLIFE AREA			
SCALE: 1"=50'	SHEET 3 OF 3 SHEETS	STA. 23+00.00 TO STA. 27+59.51	

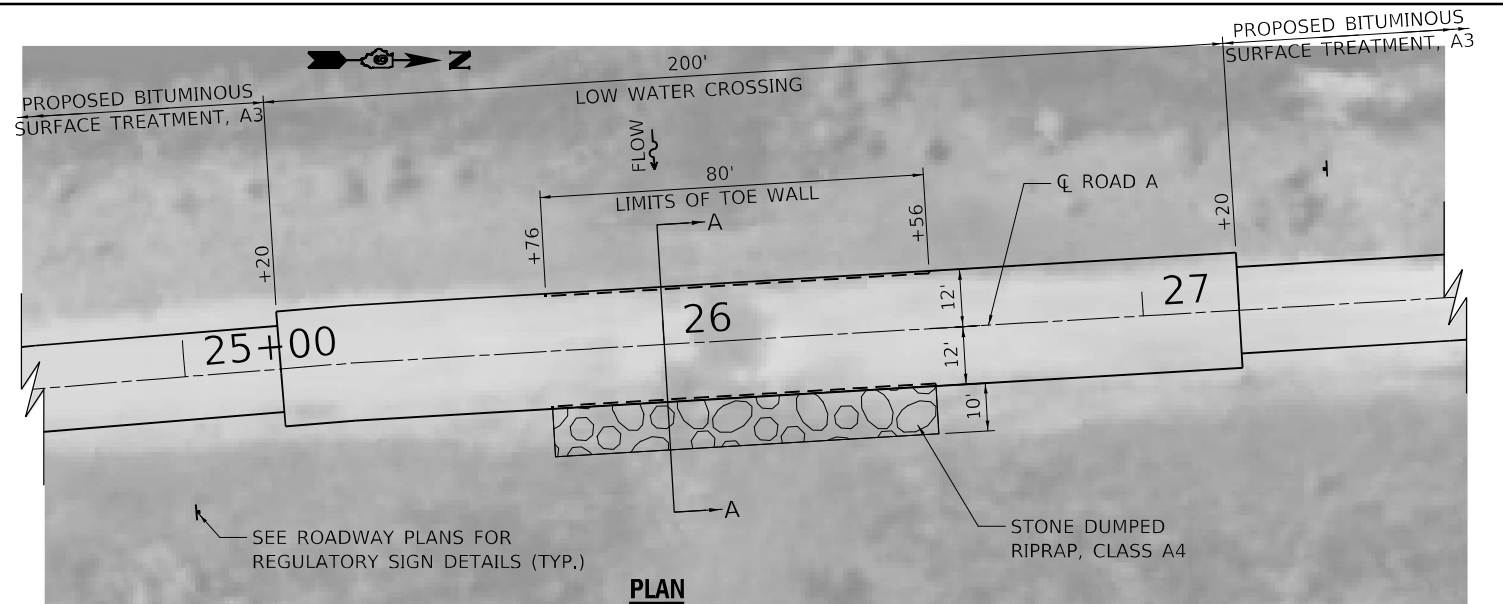
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BURNING STAR 2022	JACKSON	52	27
			CONTRACT NO. 46925	
		ILLINOIS	FED. AID PROJECT	

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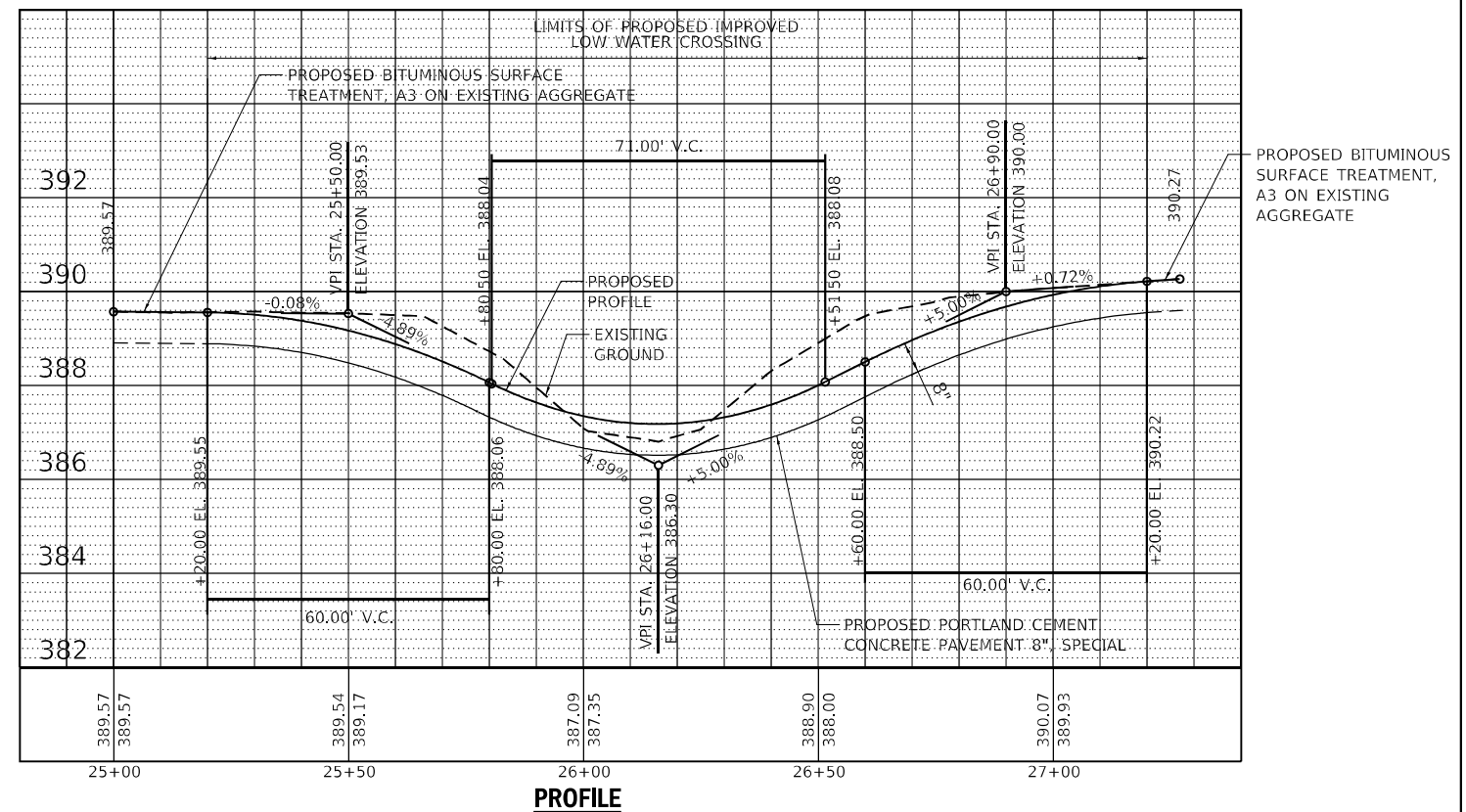


NOTE: 3' AGGREGATE SHOULDERS, TYPE B, SHALL BE CONSTRUCTED A UNIFORM 6" THICK AT GUARD POST LOCATIONS.

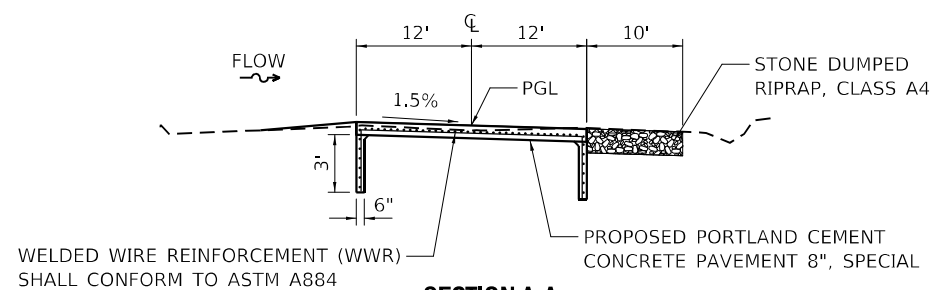
GUARD POST DETAIL



PLAN



PROFILE



SECTION A-A

LOW WATER CROSSING DETAIL



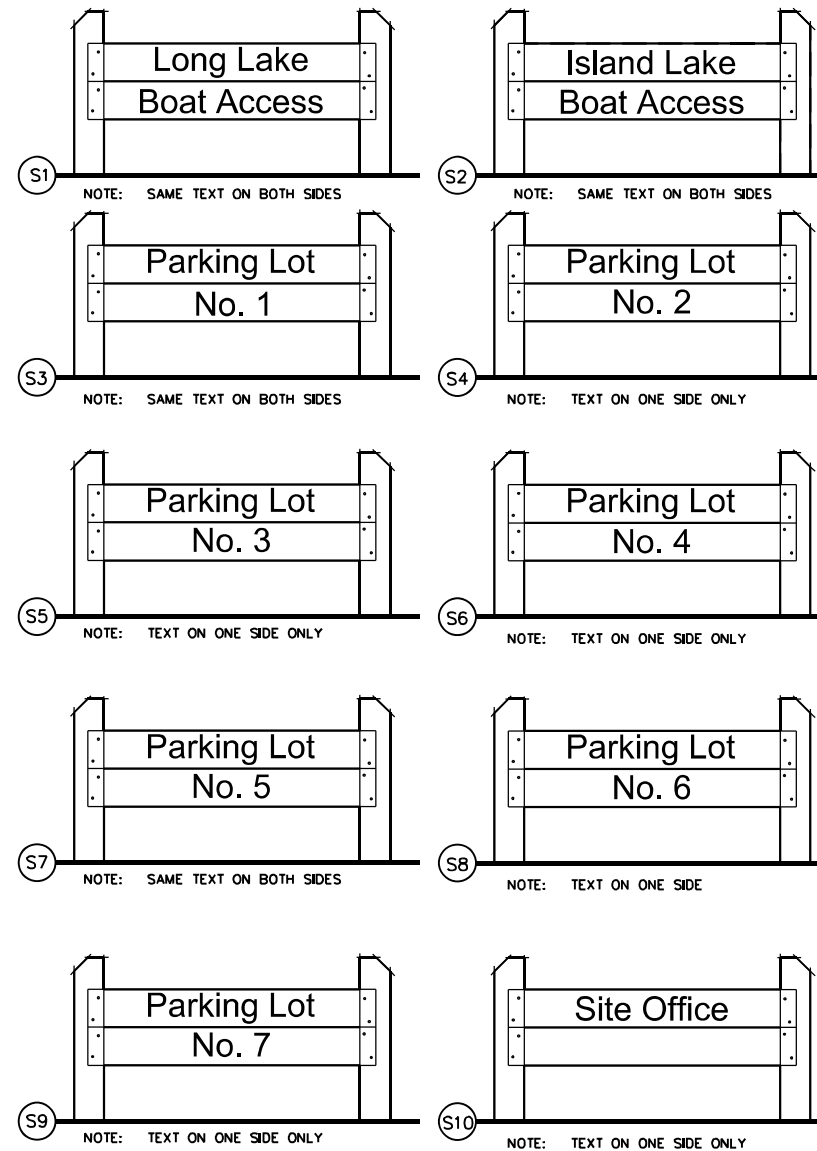
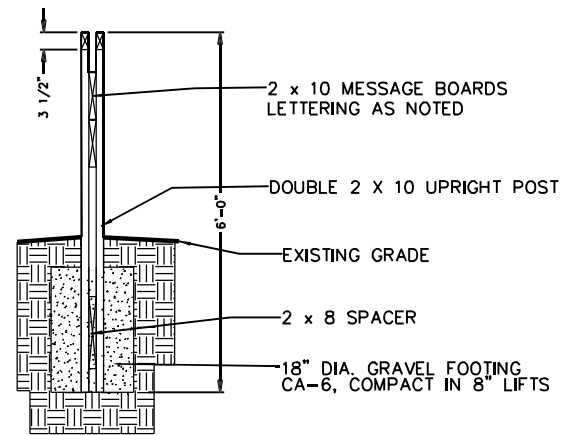
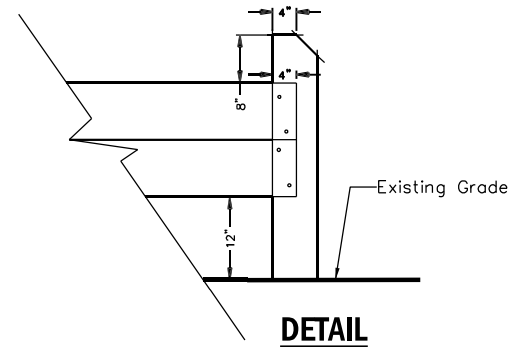
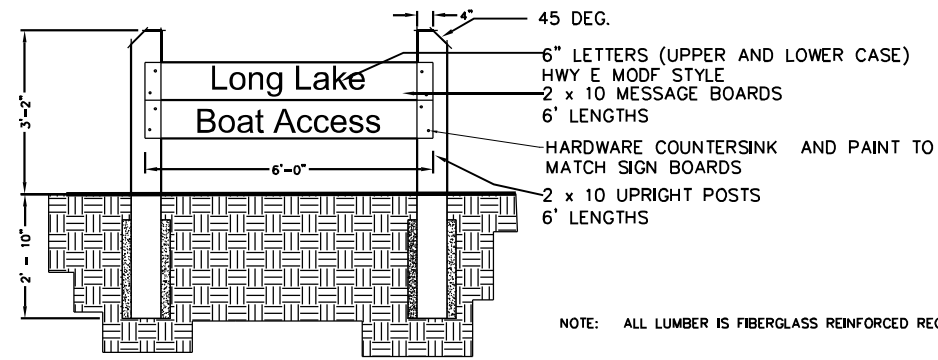
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GUARD POST AND LOW WATER CROSSING DETAIL
BURNING STAR STATE FISH & WILDLIFE AREA**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	28
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				



SMALL ENTRANCE SIGN

MODEL: 4100 DEL NAMES
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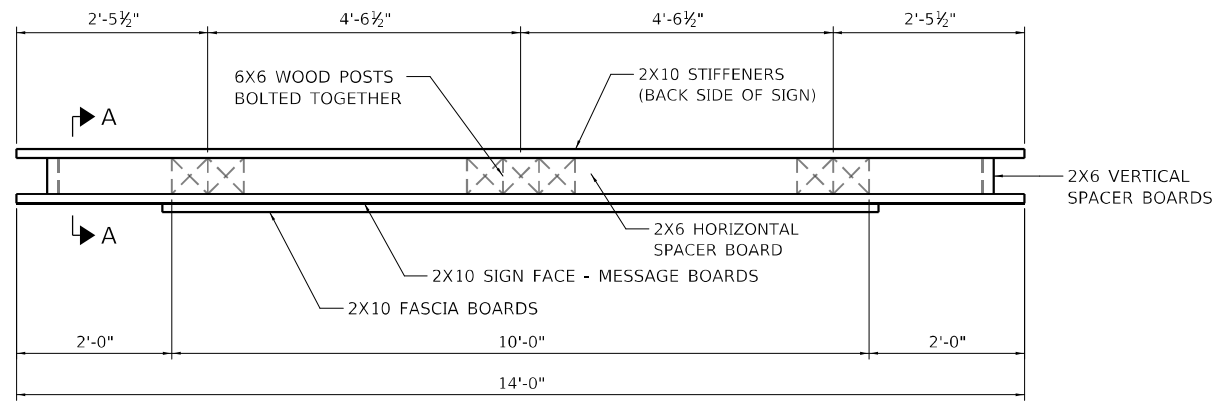
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

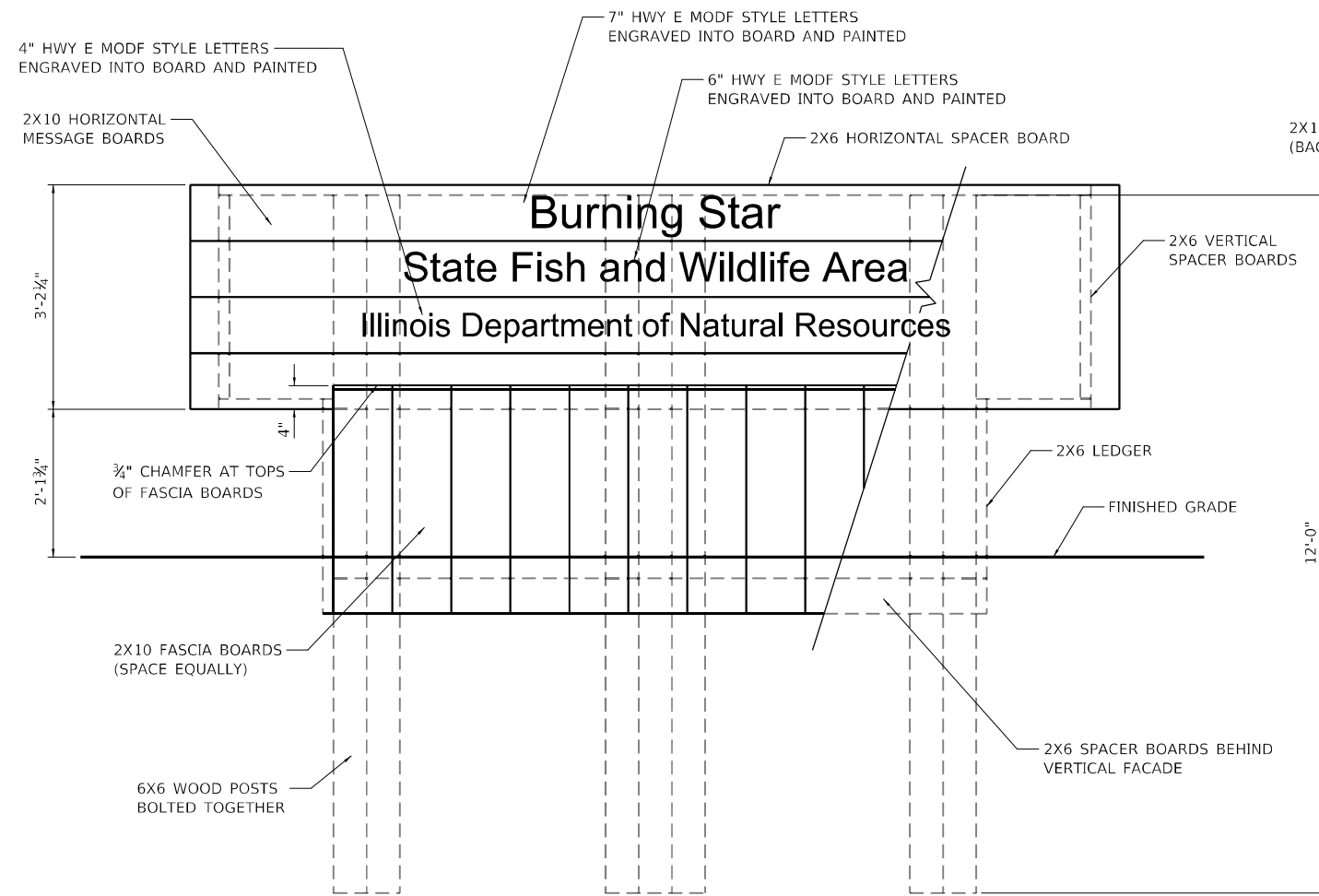
SIGN DETAILS
BURNING STAR STATE FISH & WILDLIFE AREA

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	31
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				

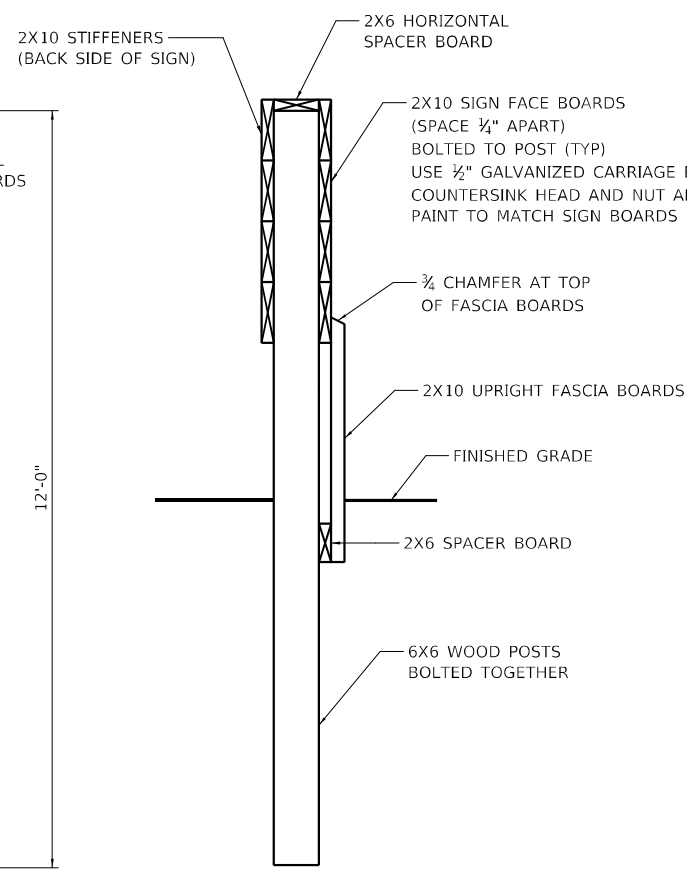


TOP VIEW

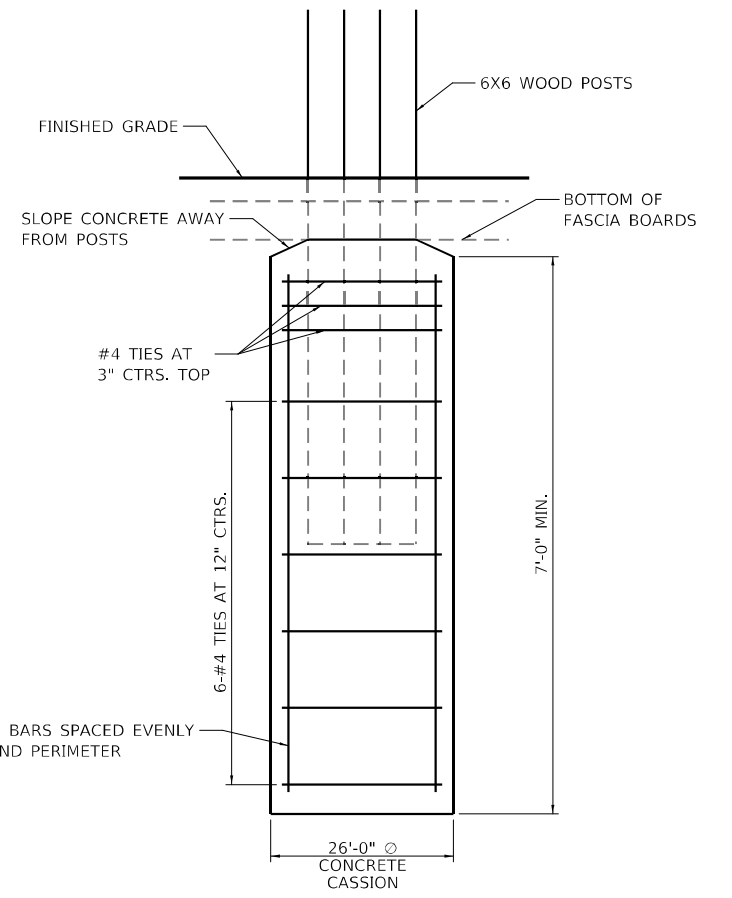


FRONT VIEW

NOTE: LETTERING IS ON ONE SIDE OF SIGN ONLY



SECTION A-A



SECTION THRU FOUNDATION

f'c = 4,000 PSI
Fy = 60,000 PSI (REINF.)

MATERIAL LIST:

ALL LUMBER IS FIBERGLASS REINFORCED RECYCLED PLASTIC LUMBER UNLESS OTHERWISE NOTED.
ALL ITEMS TO BE BROWN IN COLOR.

ITEM	LENGTH	QUANTITY	REMARKS
6X6 POST	12'-0"	7 EACH	WOOD NO. 2 OR BETTER SYP, CCA TREATED FOR GROUND CONTACT
2X6 SPACER AND LEDGER BOARD	14'-0"	4 EACH	CUT VARIOUS LENGTHS TO FIT
2X10 MESSAGE BOARD	14'-0"	8 EACH	LETTERING ON ONE SIDE OF SIGN ONLY
2X10 BOTTOM FASCIA BOARD	3'-4"	28 EACH	SEE DETAIL VIEW--CHAMFER TOP OF BOARD

GENERAL NOTES:

1. ALL LUMBER IS FIBERGLASS REINFORCED RECYCLED PLASTIC, BROWN IN COLOR UNLESS NOTED OTHERWISE. SUBMIT SAMPLES TO IDNR LANDSCAPE ARCHITECT FOR COLOR SELECTION PRIOR TO FABRICATION.
2. MOUNTING HARDWARE AND STEEL FASTENERS (VARIOUS TYPES & SIZES) ARE NOT SHOWN, TO BE PROVIDED IN SHOP DRAWINGS REQUIRED BY THE CONTRACTOR.
3. ALL LETTERING IS CENTERED ON SIGN AND IS UPPER AND LOWER CASE HWY E MODF OR SIMILAR FONT. LETTERS ARE TO BE ENGRAVED WITH A COMPUTER OR TEMPLATE DRIVEN ROUTER SYSTEM. PAINT LETTERS WITH A WHITE EPOXY PAINT MIXED WITH GLASS BEADS (MIN. 2 COATS).
4. CONCRETE FOUNDATION INCLUDED IN COST OF ENTRANCE SIGN.

ENTRANCE SIGN

VOLKERT

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PLOT SCALE = 20.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 1/30/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGN DETAILS
BURNING STAR STATE FISH & WILDLIFE AREA**

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

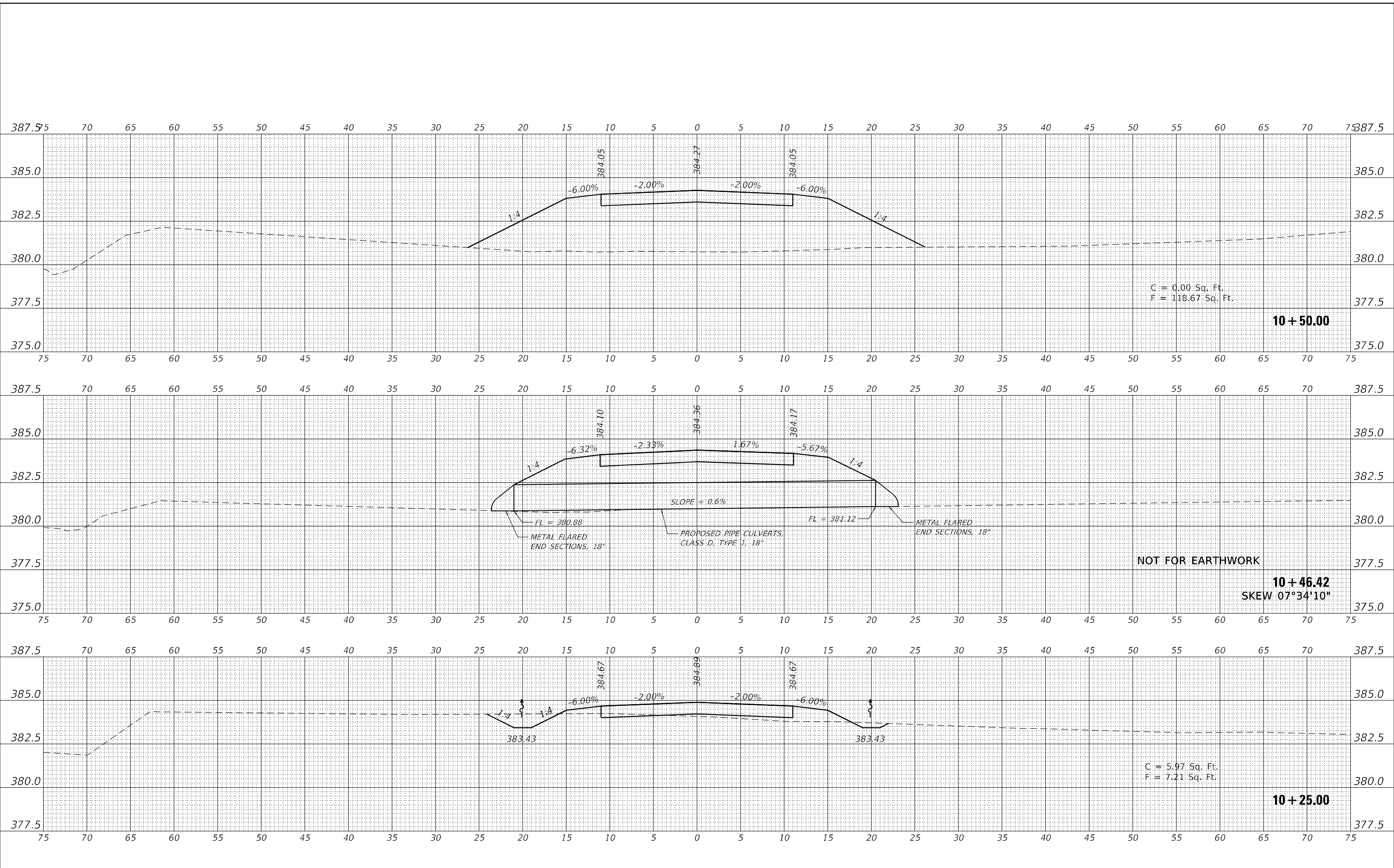
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	32
CONTRACT NO. 46925				
ILLINOIS FED. AID PROJECT				

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

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

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	DRAWN -	REVISED -
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PLOT DATE = 1/30/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

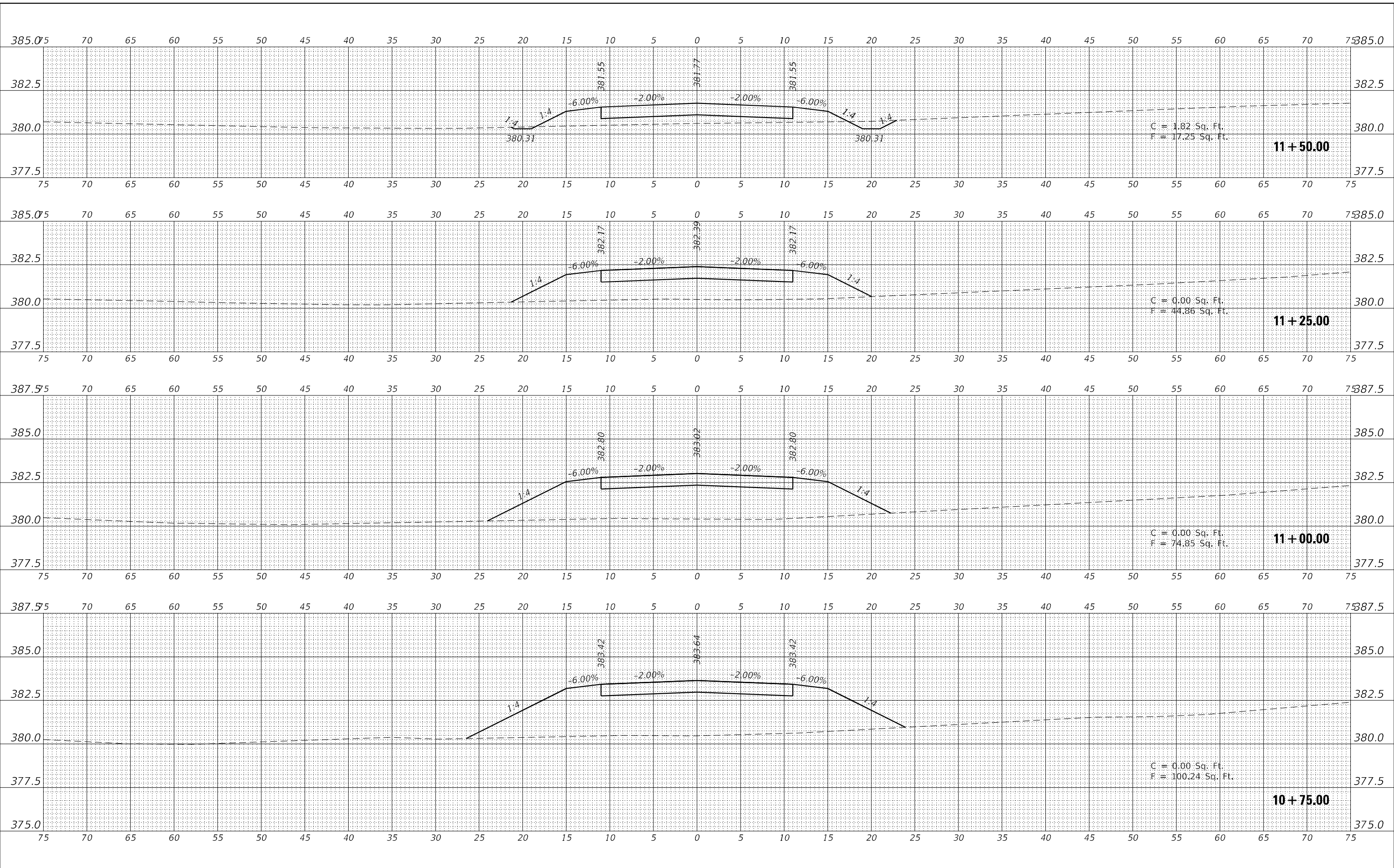
CROSS SECTIONS		
LONG LAKE BOAT ACCESS - BS SFWA		
SCALE: H: 1" = 5'	SHEET 1	OF 2 SHEETS
V: 1" = 2.5'	STA. 10+25.00 TO STA. 10+50.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	33
			CONTRACT NO. 46925	
ILLINOIS			FED. AID PROJECT	

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

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

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USER NAME = default	DESIGNED -	REVISED -
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PLOT DATE = 1/30/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

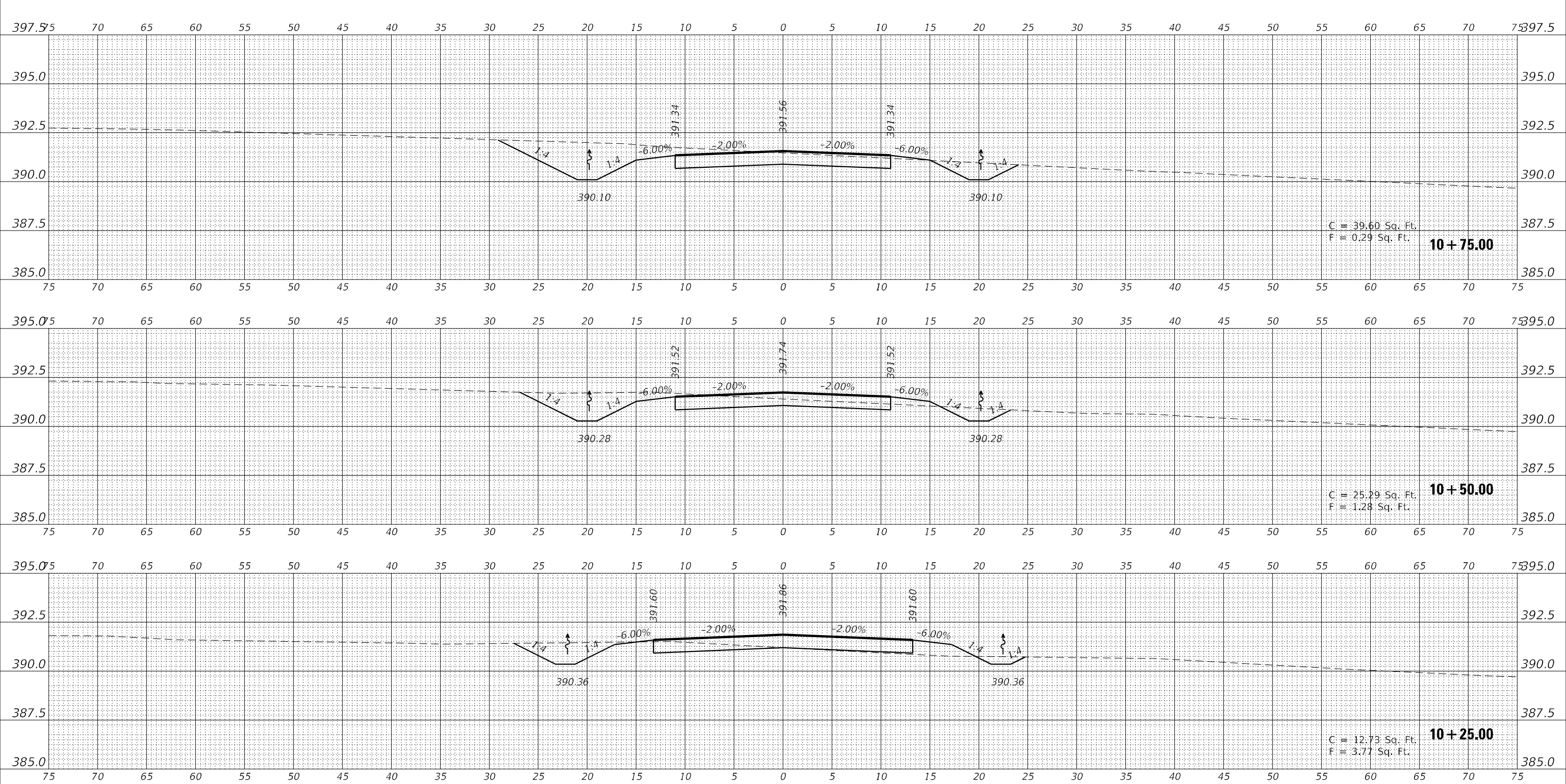
CROSS SECTIONS		
LONG LAKE BOAT ACCESS - BS SFWA		
SCALE: H: 1" = 50'	V: 1" = 2.5'	SHEET 2 OF 2 SHEETS
STA. 10+75.00 TO STA. 11+50.00		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 46925	

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

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

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USER NAME = default
PLOT SCALE = 10,0000' / in.
PLOT DATE = 1/30/2023

DESIGNED -
DRAWN -
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DATE -

REVISED -
REVISED -
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REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

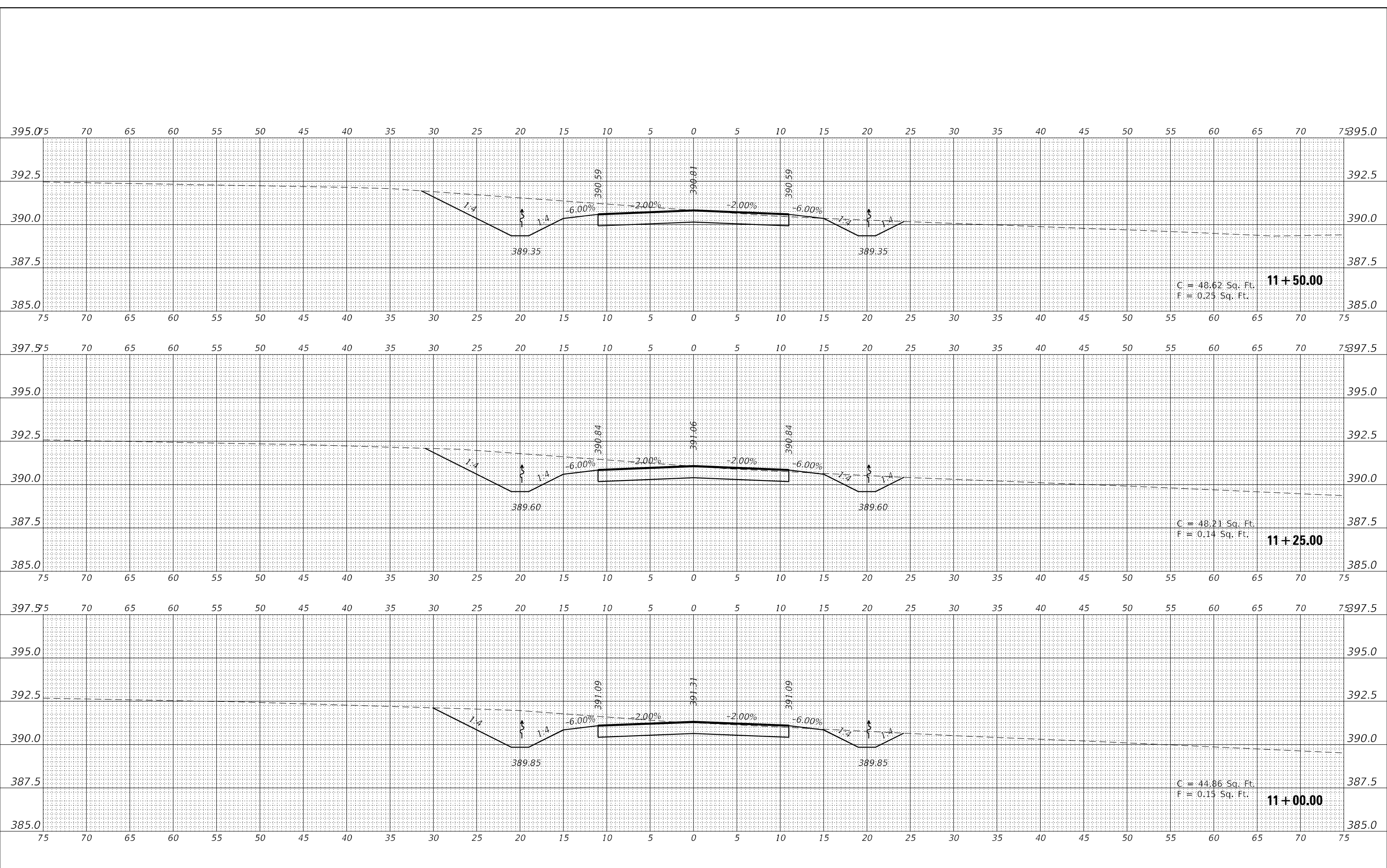
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ISLAND LAKE BOAT ACCESS - BS SFWA	
SCALE: $\frac{1}{2}'' = 1'$ / $\frac{1}{2}'' = 2.5'$	SHEET 1 OF 18 SHEETS
STA. 10+25.00	TO STA. 10+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	35
				CONTRACT NO. 46925
ILLINOIS FED. AID PROJECT				

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

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

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PLOT DATE	= 1/30/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 ISLAND LAKE BOAT ACCESS - BS SFWA

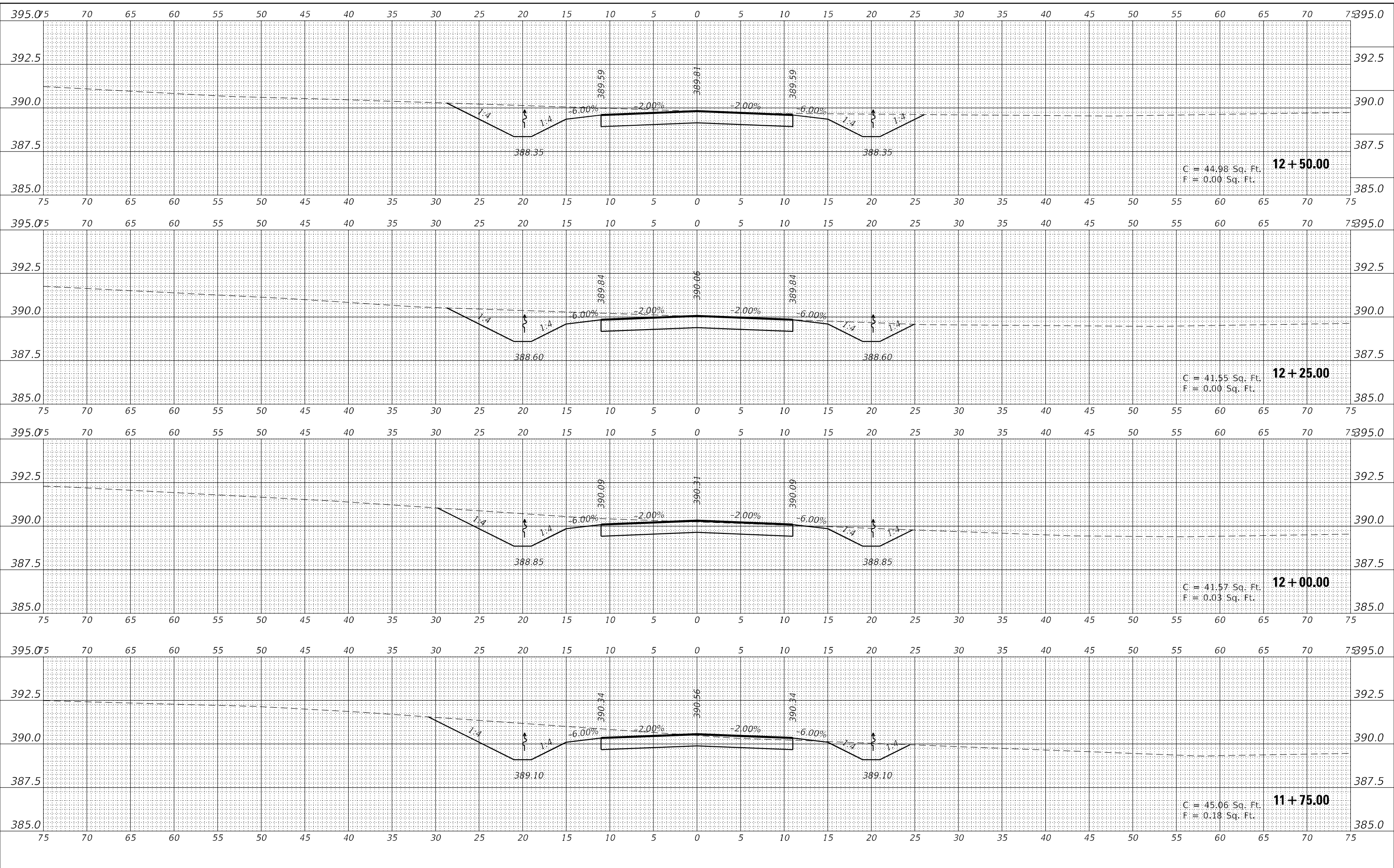
SCALE: H: 1" = 5', V: 1" = 2.5', SHEET 2 OF 18 SHEETS, STA. 11+00.00 TO STA. 11+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	36
			CONTRACT NO. 46925	
			ILLINOIS FED. AID PROJECT	

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

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

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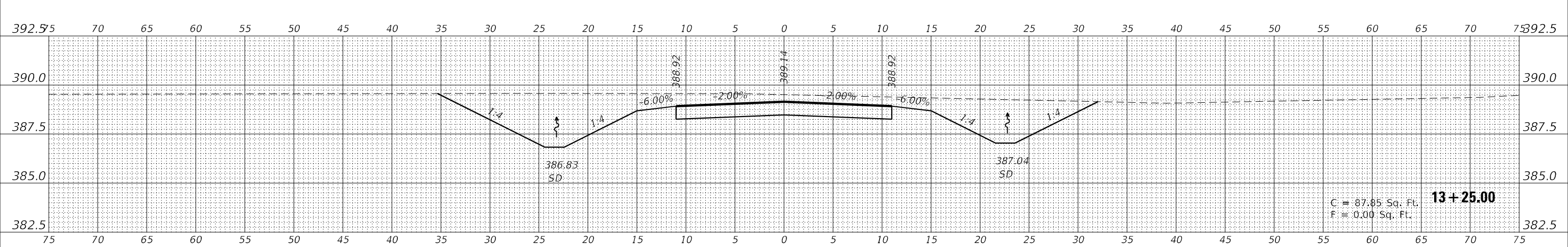
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

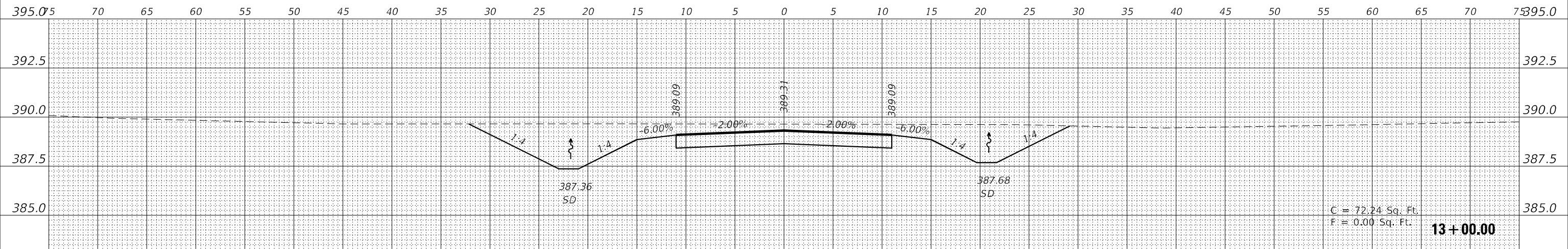
CROSS SECTIONS		
ISLAND LAKE BOAT ACCESS - BS SFWA		
SCALE: $\frac{1}{4}'' = 1'$ $\frac{1}{2}'' = 2.5'$	SHEET 3 OF 18 SHEETS	STA. 11+75.00 TO STA. 12+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	37
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				

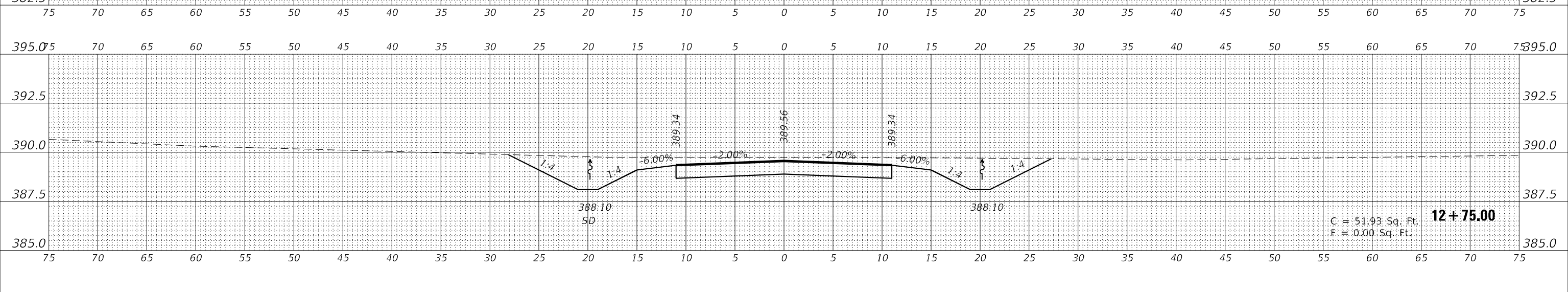
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK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



USER NAME = default	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
ISLAND LAKE BOAT ACCESS - BS SFWA**

SCALE: H: 1" = 5', V: 1" = 2.5', SHEET 4 OF 18 SHEETS STA. 12+75.00 TO STA. 13+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	38
			CONTRACT NO. 46925	

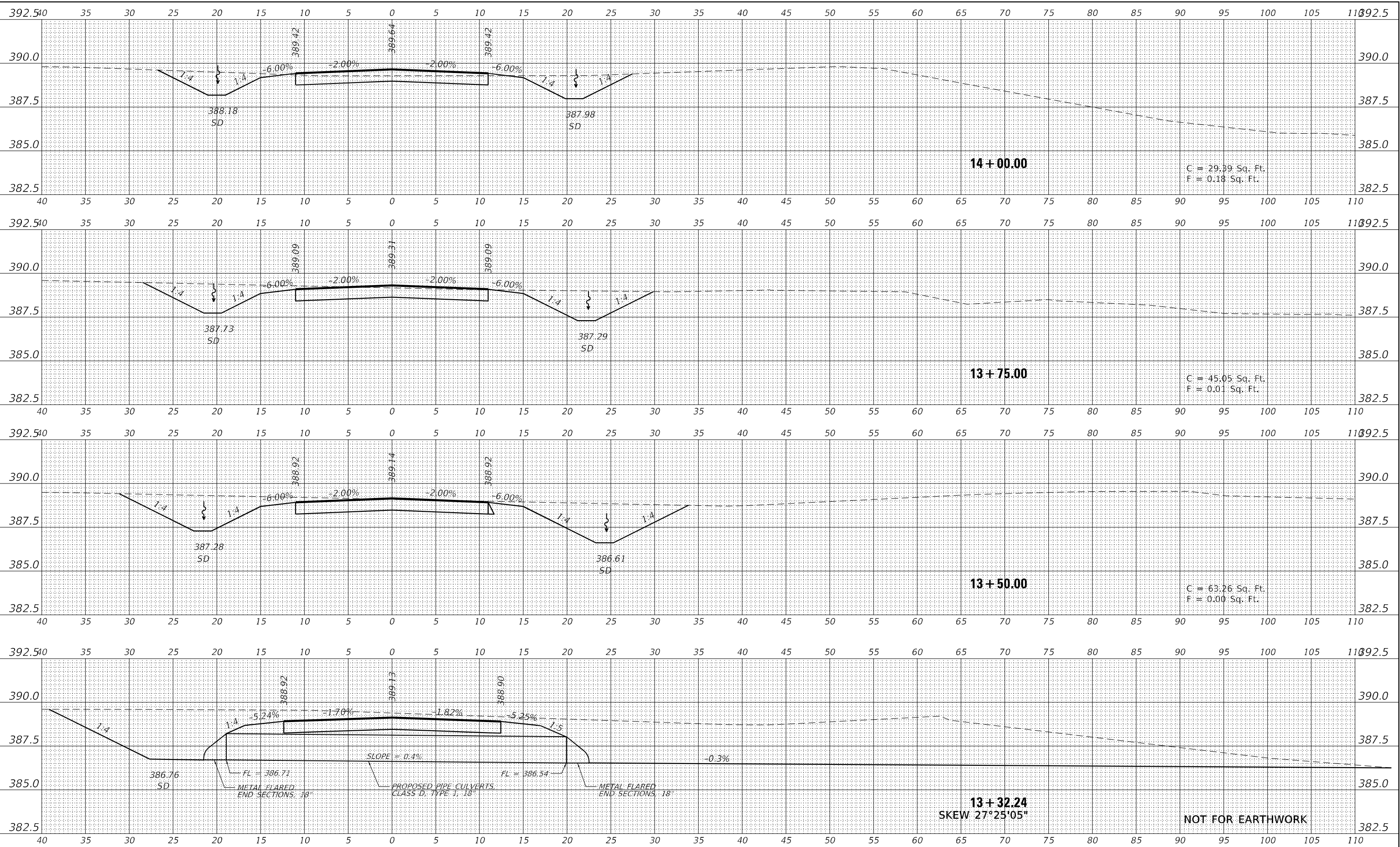
ILLINOIS FED. AID PROJECT

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FINAL SURVEY NO.	
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PLOT SCALE = 10,0000' / in.	CHECKED -	REVISIONS -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS			
ISLAND LAKE BOAT ACCESS - BS SFWA			
SCALE: $H: 1" = 5'$	SHEET 5	OF 18 SHEETS	STA. 13+32.24 TO STA. 14+00.00

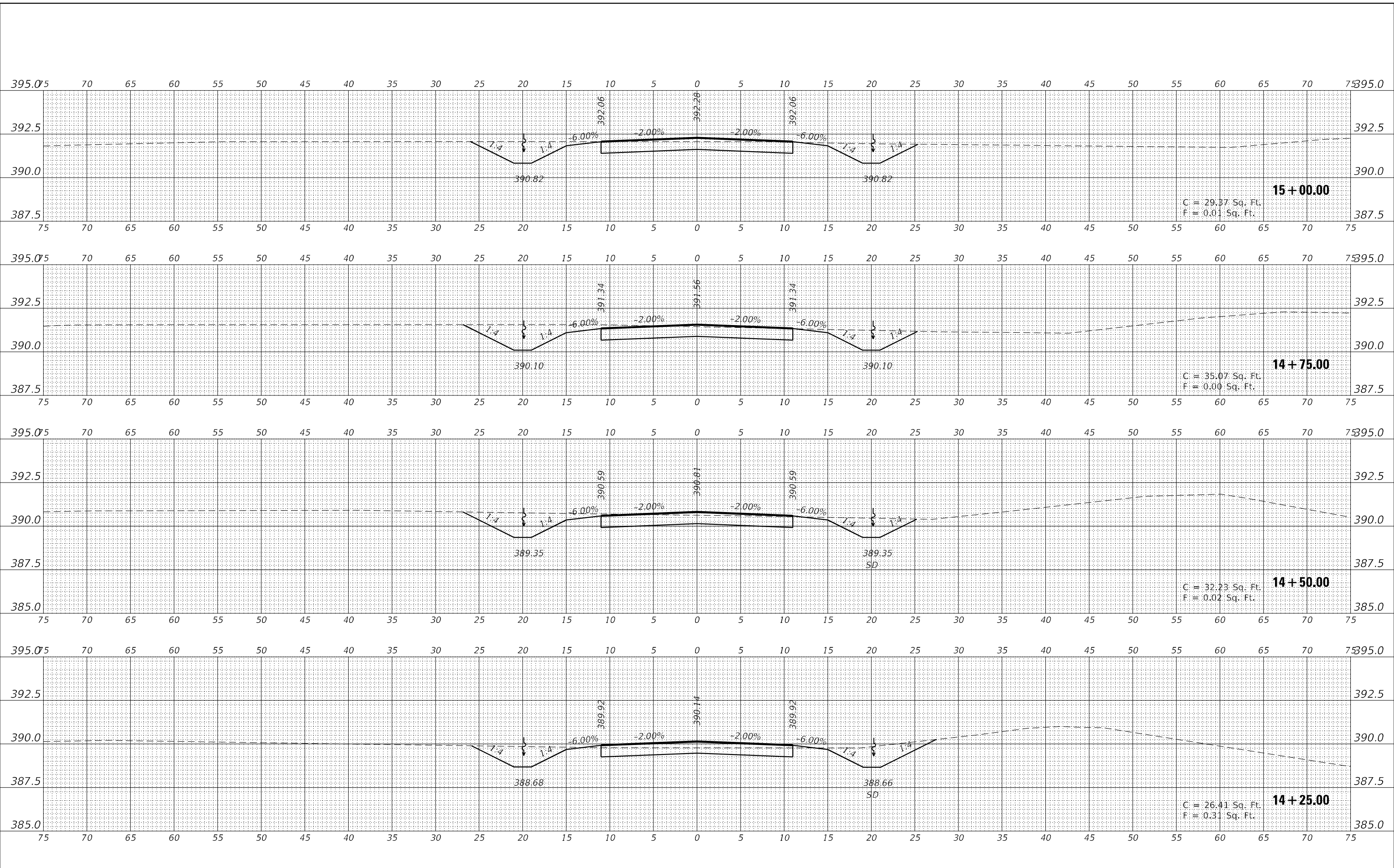
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	39
				CONTRACT NO. 46925
				ILLINOIS FED. AID PROJECT

NOT FOR EARTHWORK

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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	AREAS CHECKED

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PLOT DATE = 1/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

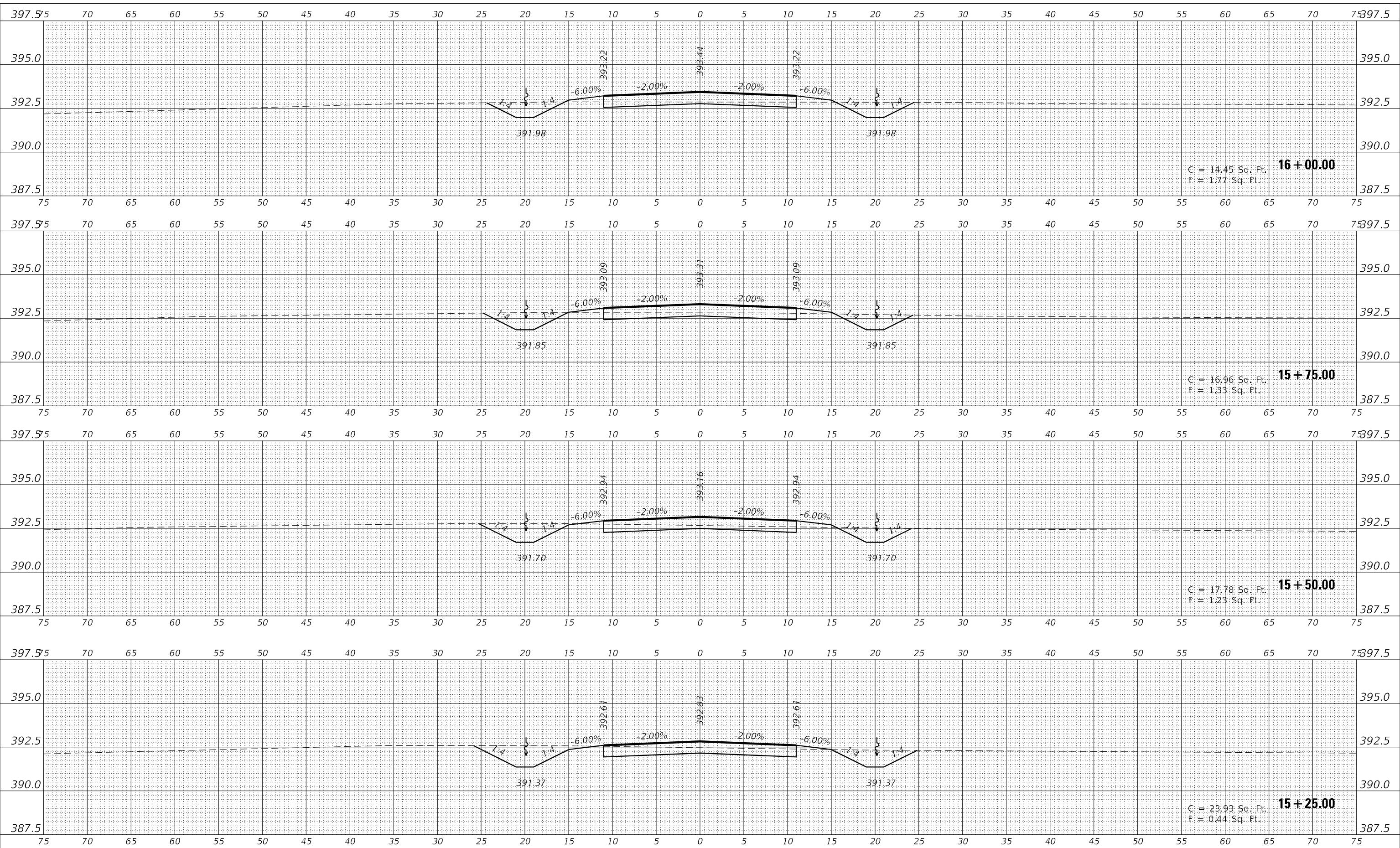
CROSS SECTIONS		
ISLAND LAKE BOAT ACCESS - BS SFWA		
SCALE: $\frac{1}{2}'' = 1'$	SHEET 6	OF 18 SHEETS
STA. 14+25.00	TO STA. 15+00.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	40
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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USER NAME = default	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

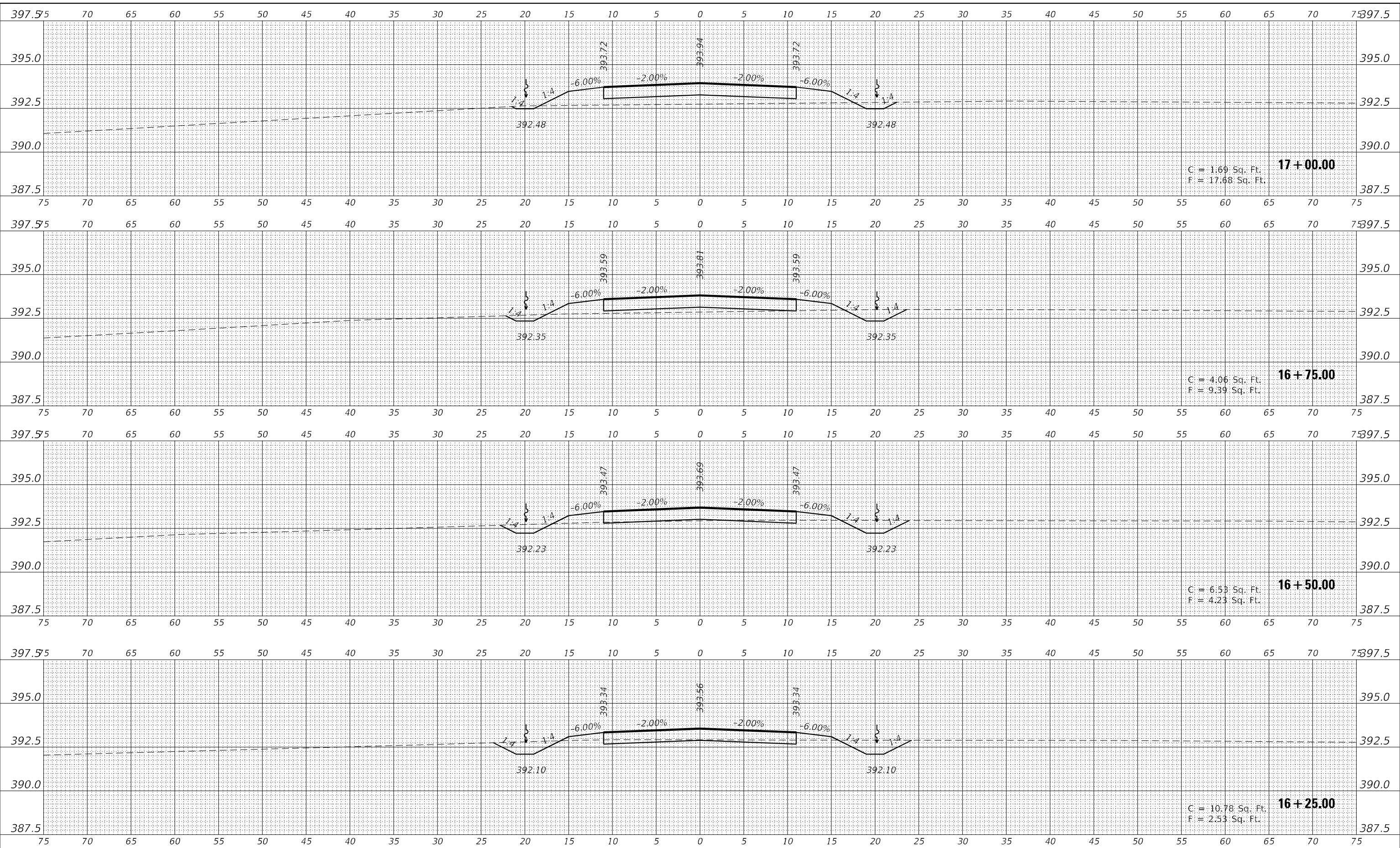
CROSS SECTIONS		
ISLAND LAKE BOAT ACCESS - BS SFWA		
SCALE: $\frac{1}{2}'' = 1'$	SHEET 7	OF 18 SHEETS
STA. 15+25.00		TO STA. 16+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	41
ILLINOIS FED. AID PROJECT			CONTRACT NO. 46925	

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

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

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PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 ISLAND LAKE BOAT ACCESS - BS SFWA**

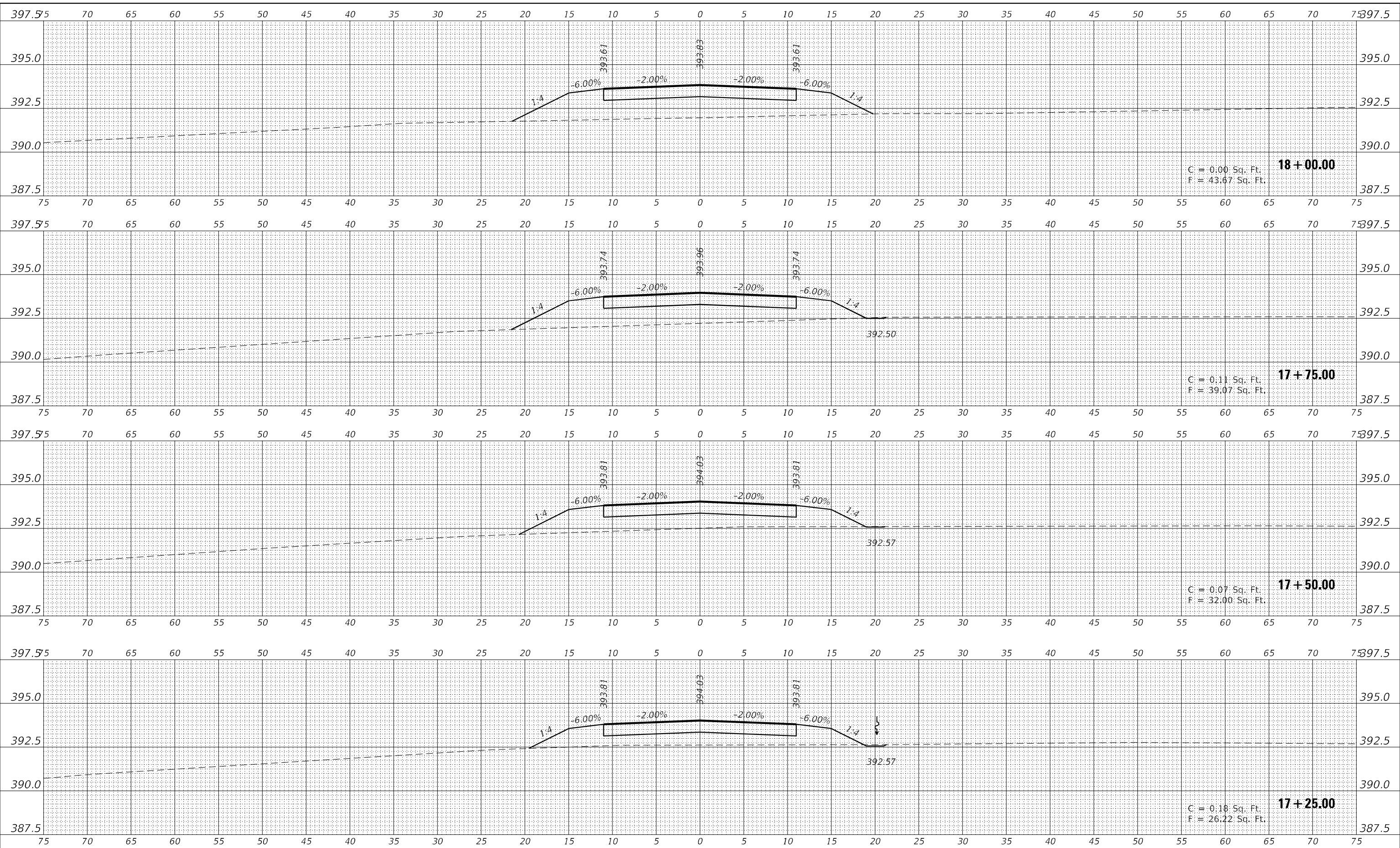
SCALE: H: 1" = 5', V: 1" = 2.5', SHEET 8 OF 18 SHEETS, STA. 16+25.00 TO STA. 17+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	42
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				

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

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

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C = 0.00 Sq. Ft.
 F = 43.67 Sq. Ft.
18 + 00.00

C = 0.11 Sq. Ft.
 F = 39.07 Sq. Ft.
17 + 75.00

C = 0.07 Sq. Ft.
 F = 32.00 Sq. Ft.
17 + 50.00

C = 0.18 Sq. Ft.
 F = 26.22 Sq. Ft.
17 + 25.00



USER NAME = default	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

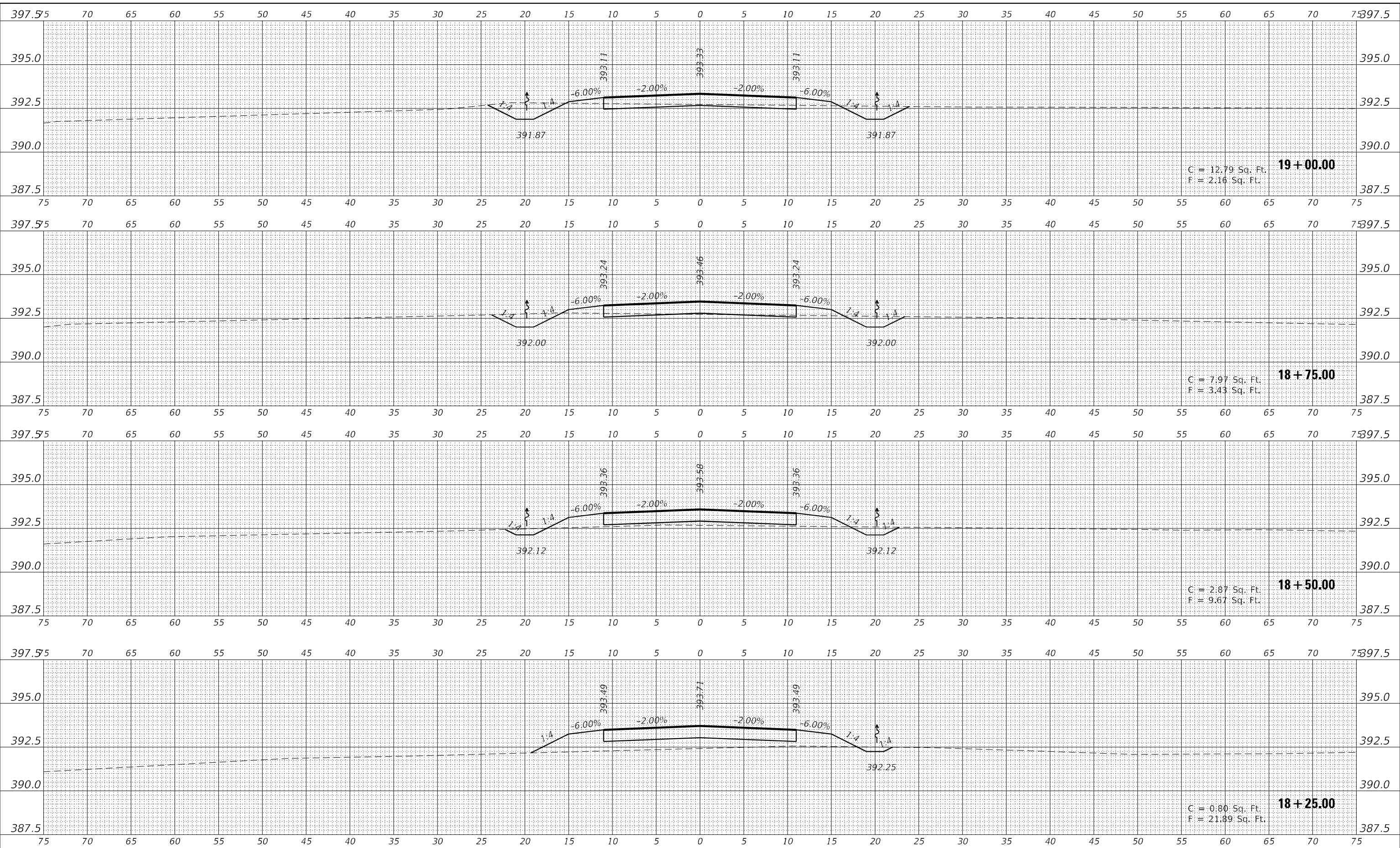
**CROSS SECTIONS
 ISLAND LAKE BOAT ACCESS - BS SFWA**
 SCALE: $\frac{H}{V}$: $\frac{1"}{1"} = \frac{5'}{2.5'}$ SHEET 9 OF 18 SHEETS STA. 17+25.00 TO STA. 18+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	43
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				

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

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

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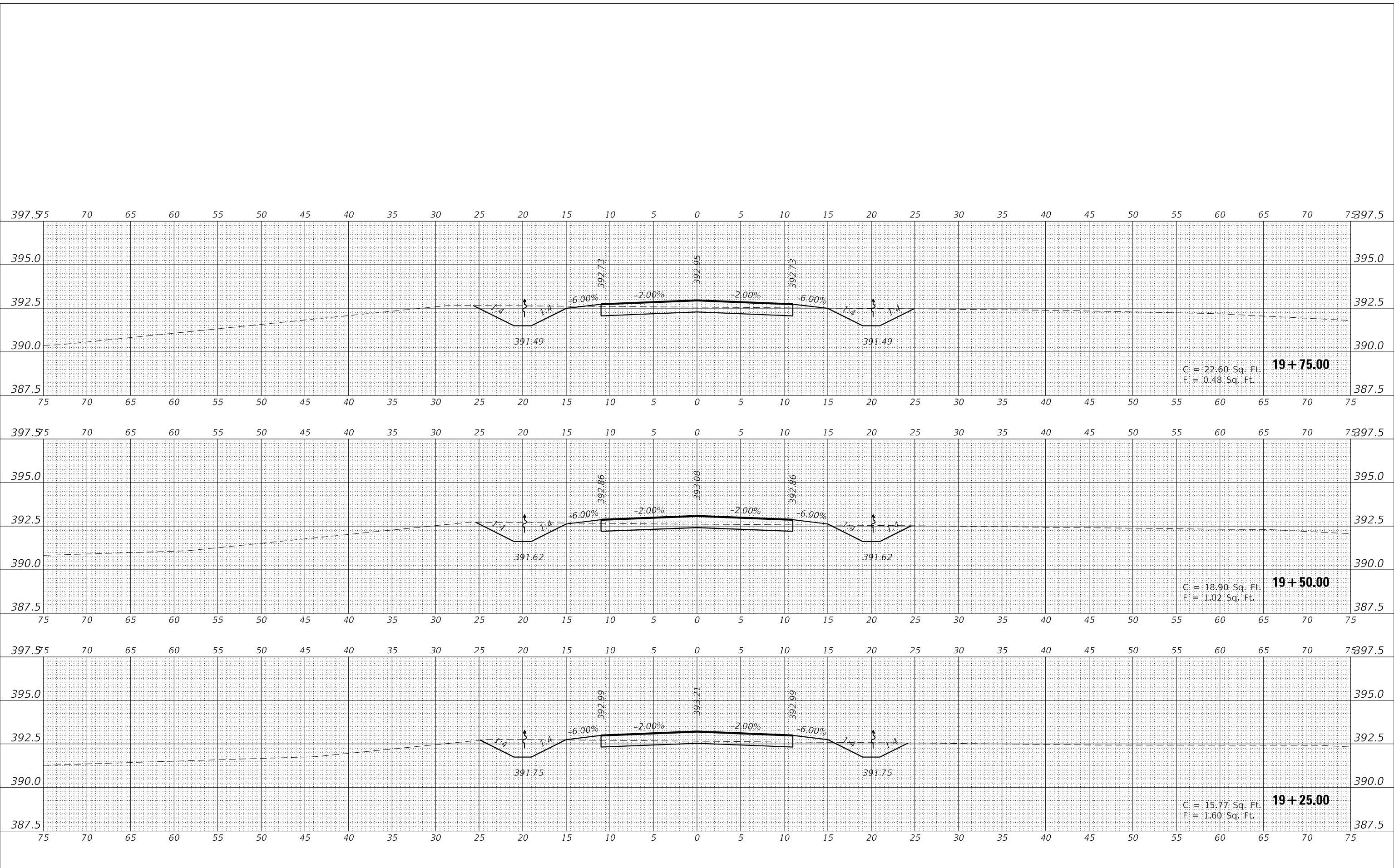
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
ISLAND LAKE BOAT ACCESS - BS SFWA	
SCALE: $\frac{1}{2}'' = 1'$ / $\frac{1}{4}'' = 2.5'$	SHEET 10 OF 18 SHEETS
STA. 18+25.00 TO STA. 19+00.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	44
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				

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

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



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PLOT DATE = 1/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

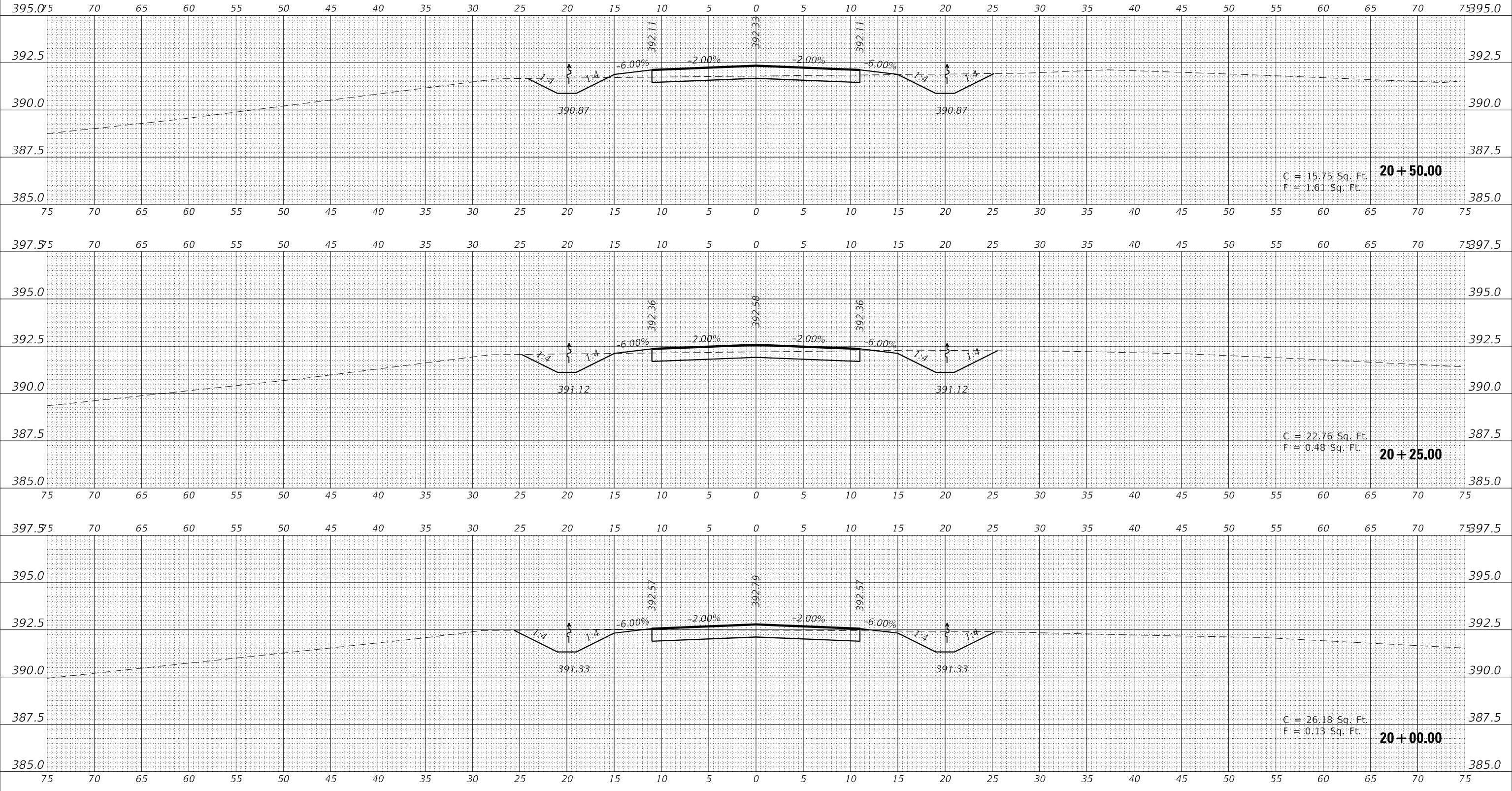
CROSS SECTIONS		
ISLAND LAKE BOAT ACCESS - BS SFWA		
SCALE: $\frac{H}{V}$: $\frac{1"}{1"} = \frac{5'}{2.5'}$	SHEET 11	OF 18 SHEETS
STA. 19+25.00		TO STA. 19+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	45
CONTRACT NO. 46925				
ILLINOIS FED. AID PROJECT				

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

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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C = 15.75 Sq. Ft.
 F = 1.61 Sq. Ft.
20+50.00

C = 22.76 Sq. Ft.
 F = 0.48 Sq. Ft.
20+25.00

C = 26.18 Sq. Ft.
 F = 0.13 Sq. Ft.
20+00.00



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 PLOT DATE = 1/30/2023

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

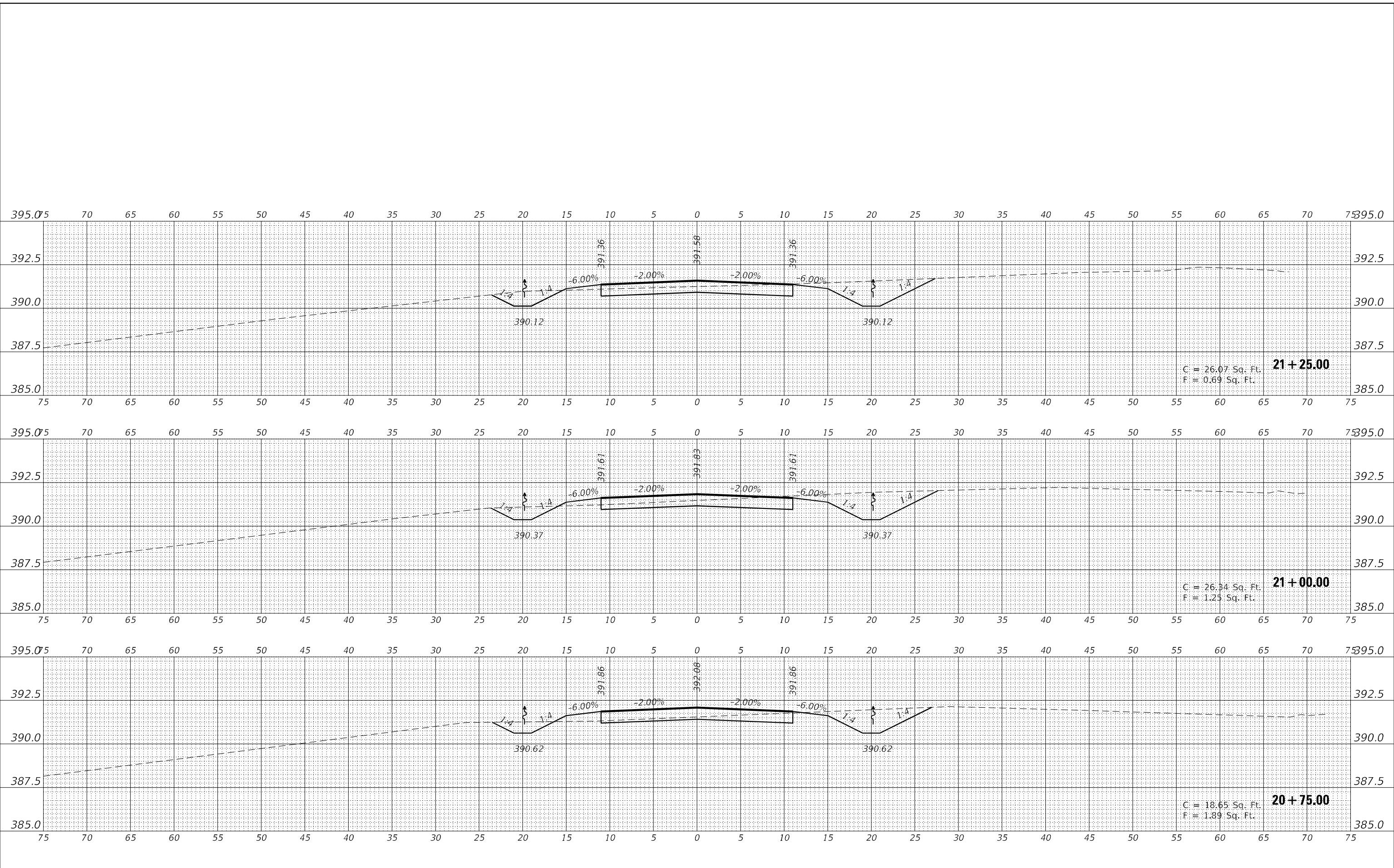
CROSS SECTIONS
 ISLAND LAKE BOAT ACCESS - BS SFWA
 SCALE: H: 1" = 5', V: 1" = 2.5'
 SHEET 12 OF 18 SHEETS STA. 20+00.00 TO STA. 20+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	46
			CONTRACT NO. 46925	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
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ORIGINAL SURVEY NO.	SURVEYED	DATE
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REVISOR -

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REVISOR -
PLLOT SCALE = 10,0000' / in.
CHECKED -
REVISOR -
PLLOT DATE = 1/30/2023
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REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 ISLAND LAKE BOAT ACCESS - BS SFWA**

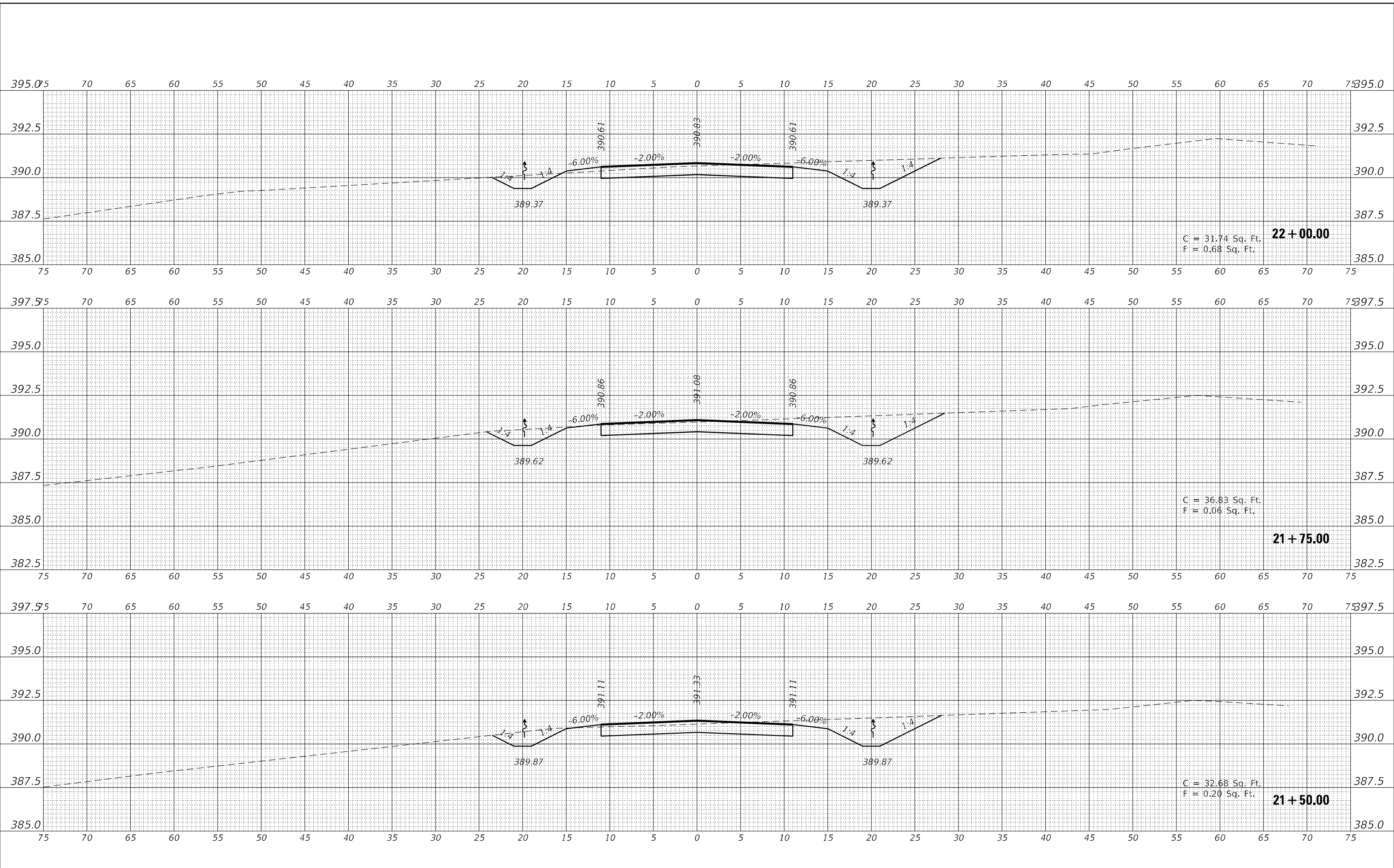
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 SHEET 13 OF 18 SHEETS STA. 20+75.00 TO STA. 21+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	47
			CONTRACT NO. 46925	
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

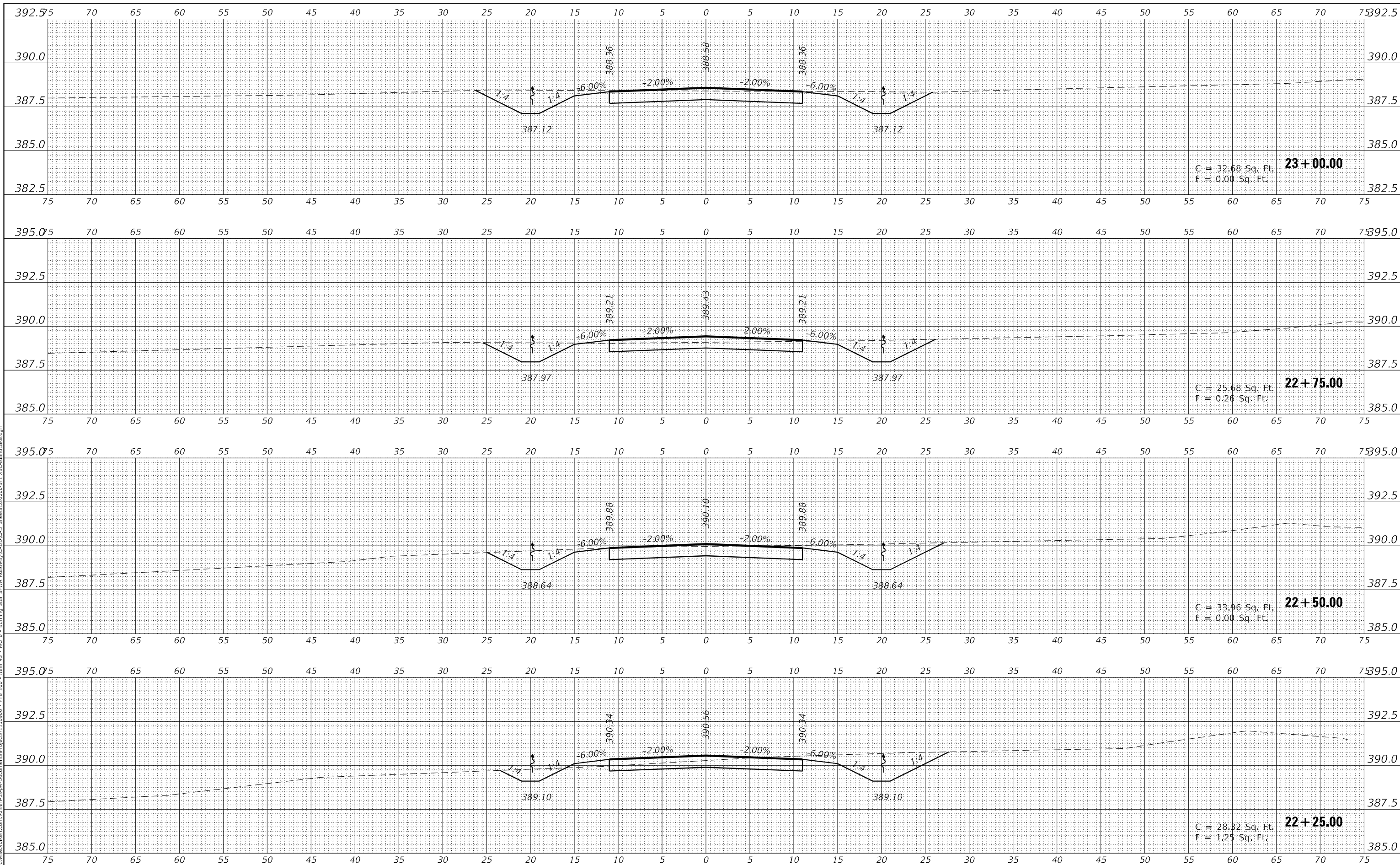
CROSS SECTIONS		
ISLAND LAKE BOAT ACCESS - BS SFWA		
SCALE: $\frac{1}{2}'' = 10'$ $\frac{1}{4}'' = 2.5'$	SHEET 14 OF 18 SHEETS	STA. 21+50.00 TO STA. 22+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	48
			CONTRACT NO. 46925	
		ILLINOIS	FED. AID PROJECT	

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	CHECKED

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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PLOT DATE = 1/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

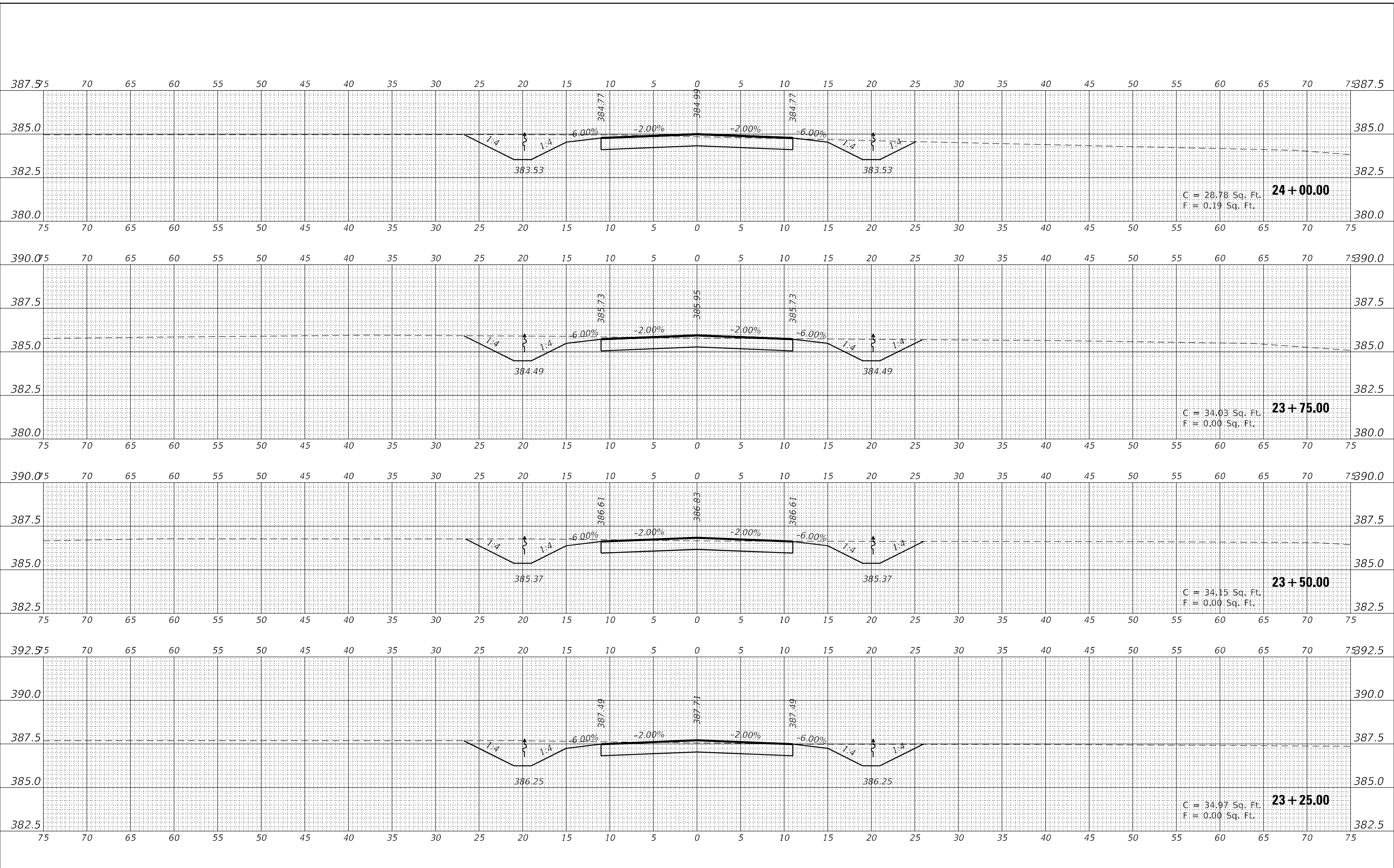
CROSS SECTIONS			
ISLAND LAKE BOAT ACCESS - BS SFWA			
SCALE: H: 1" = 5'	V: 1" = 2.5'	SHEET 15	OF 18 SHEETS
		STA. 22+25.00	TO STA. 23+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	49
			CONTRACT NO. 46925	
		ILLINOIS	FED. AID PROJECT	

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

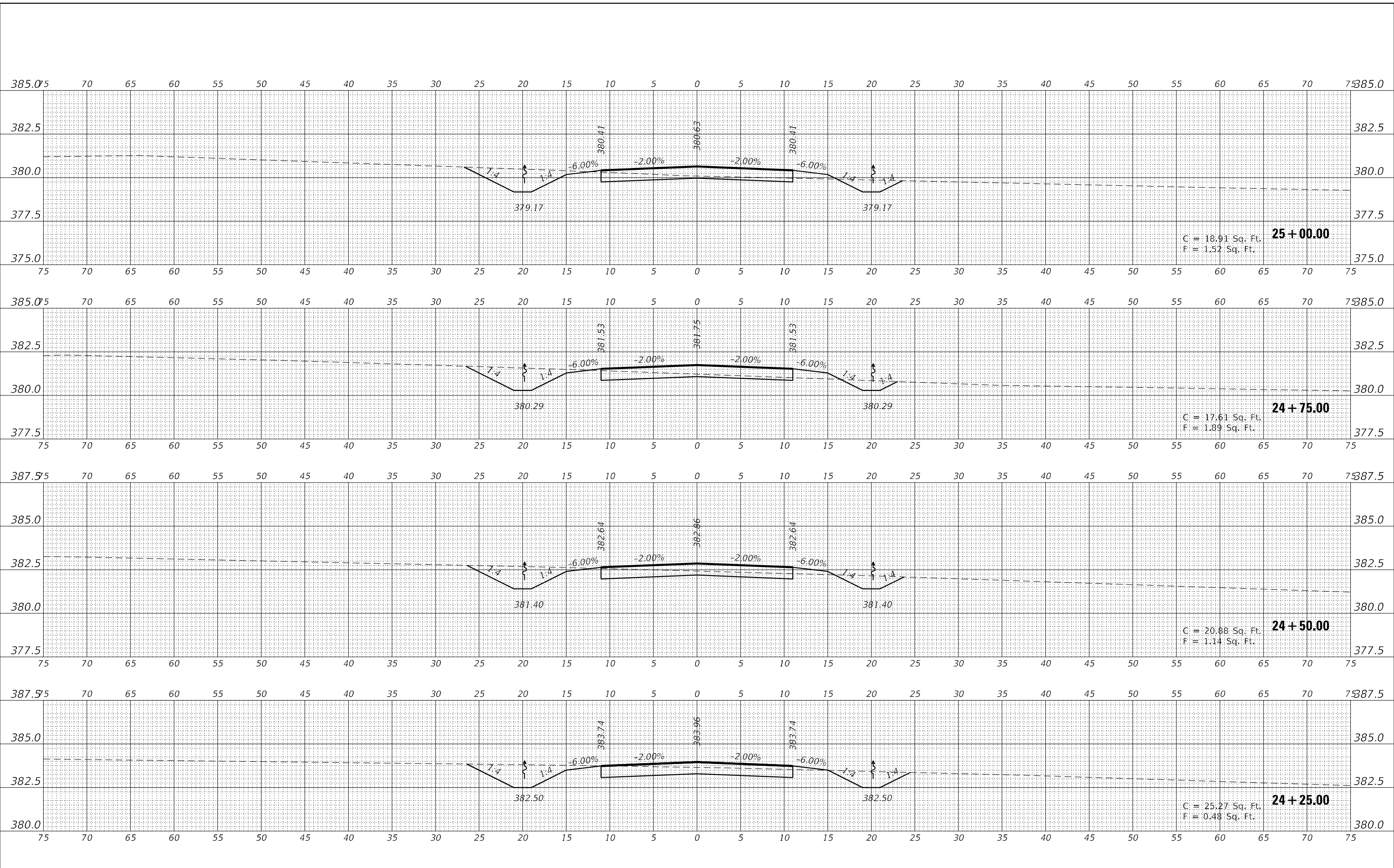
CROSS SECTIONS		
ISLAND LAKE BOAT ACCESS - BS SFWA		
SCALE: $\frac{1}{2}'' = 1'$	SHEET 16	OF 18 SHEETS
	STA. 23+25.00	TO STA. 24+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	50
			CONTRACT NO. 46925	
		ILLINOIS	FED. AID PROJECT	

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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USER NAME = default	DESIGNED -	REVISED -
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PLOT DATE = 1/30/2023	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
ISLAND LAKE BOAT ACCESS - BS SFWA**

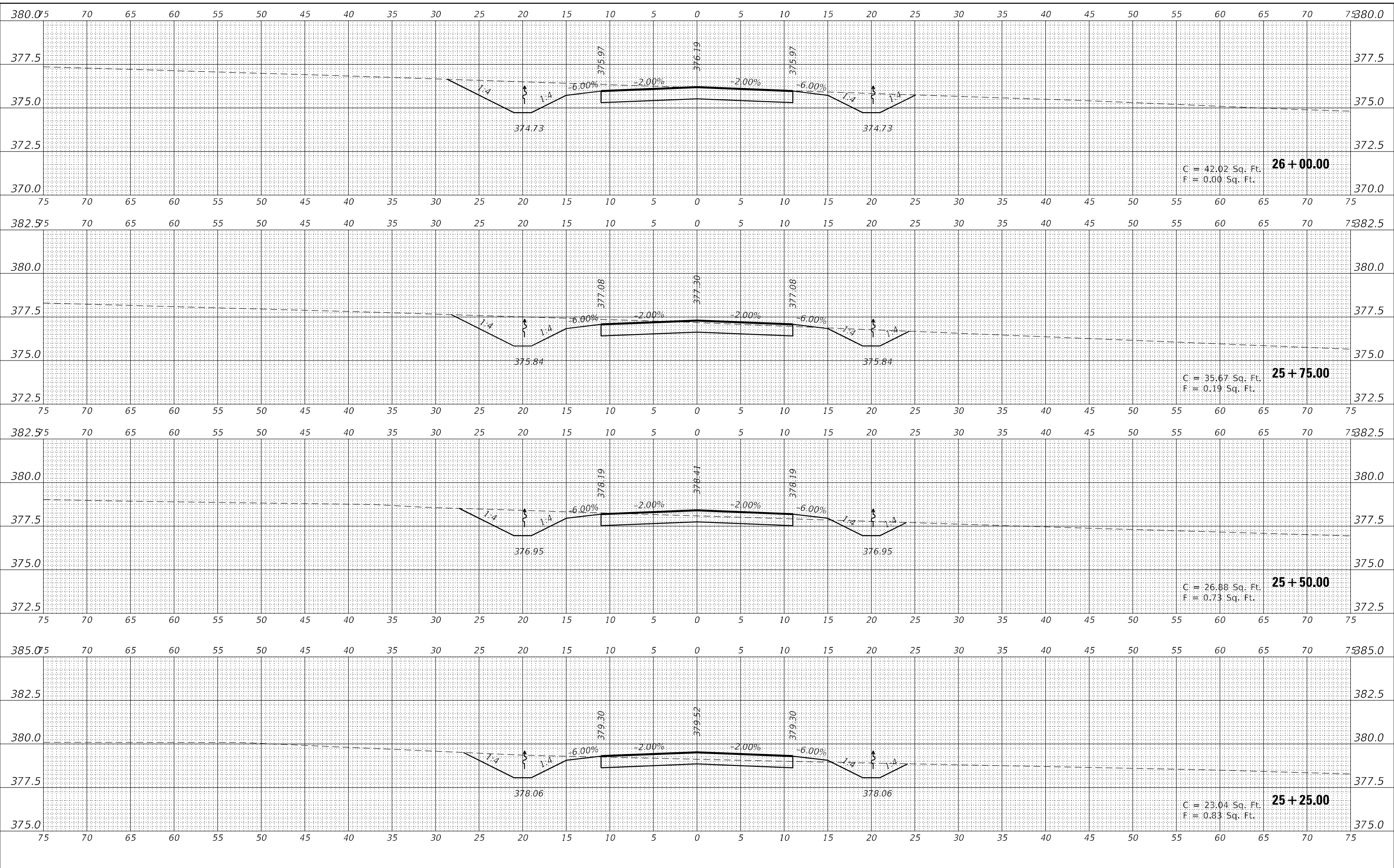
SCALE: $\frac{H}{V} = \frac{1''}{100'}$ SHEET 17 OF 18 SHEETS STA. 24+25.00 TO STA. 25+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	51
ILLINOIS FED. AID PROJECT			CONTRACT NO. 46925	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
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ORIGINAL SURVEY	SURVEYED	DATE
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NO.	TEMPLATE	
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USER NAME = default	DESIGNED -	REVISED -
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PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
ISLAND LAKE BOAT ACCESS - BS SFWA**

SCALE: $\frac{1}{2}'' = 1'$ $\frac{1}{4}'' = 2.5'$ SHEET 18 OF 18 SHEETS STA. 25+25.00 TO STA. 26+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	BURNING STAR 2022	JACKSON	52	52
ILLINOIS FED. AID PROJECT			CONTRACT NO. 46925	