

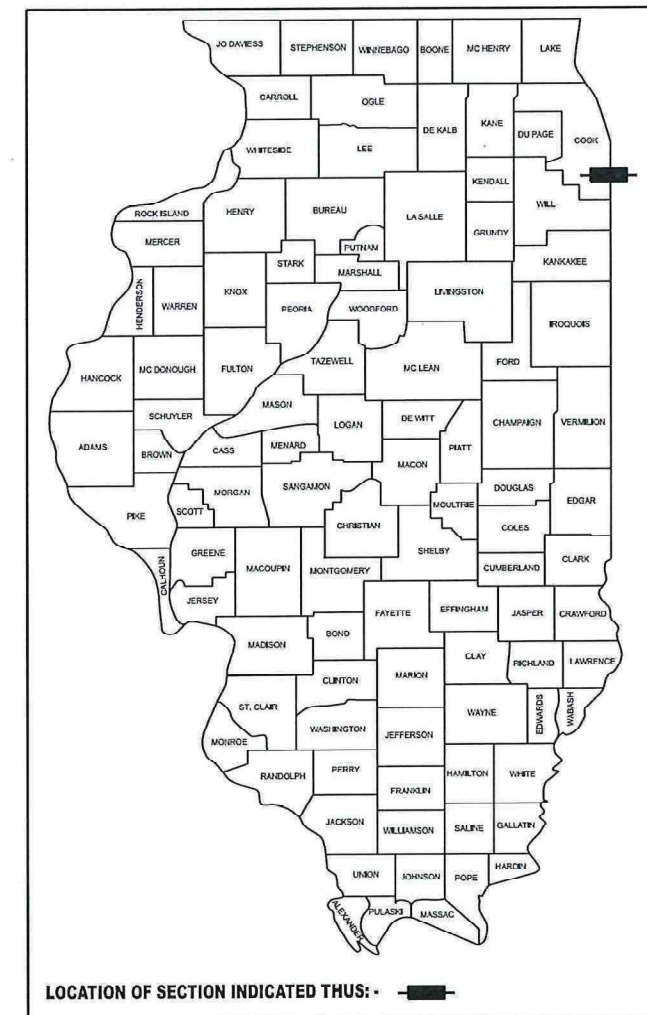
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	1
		ILLINOIS	CONTRACT NO. 46952	

# PROPOSED HIGHWAY PLANS

## WILLIAM POWERS STATE PARK SECTION WILLIAM POWERS PAVING INTERNAL PARK ROADS AND PARKING LOTS COOK COUNTY

C-30-002-27  
IDNR PROJECT 2-24-005

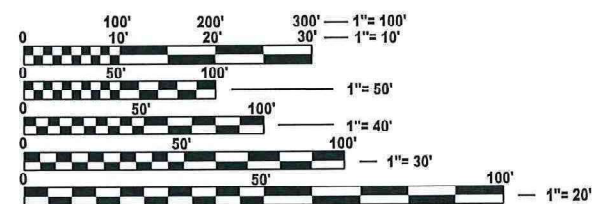


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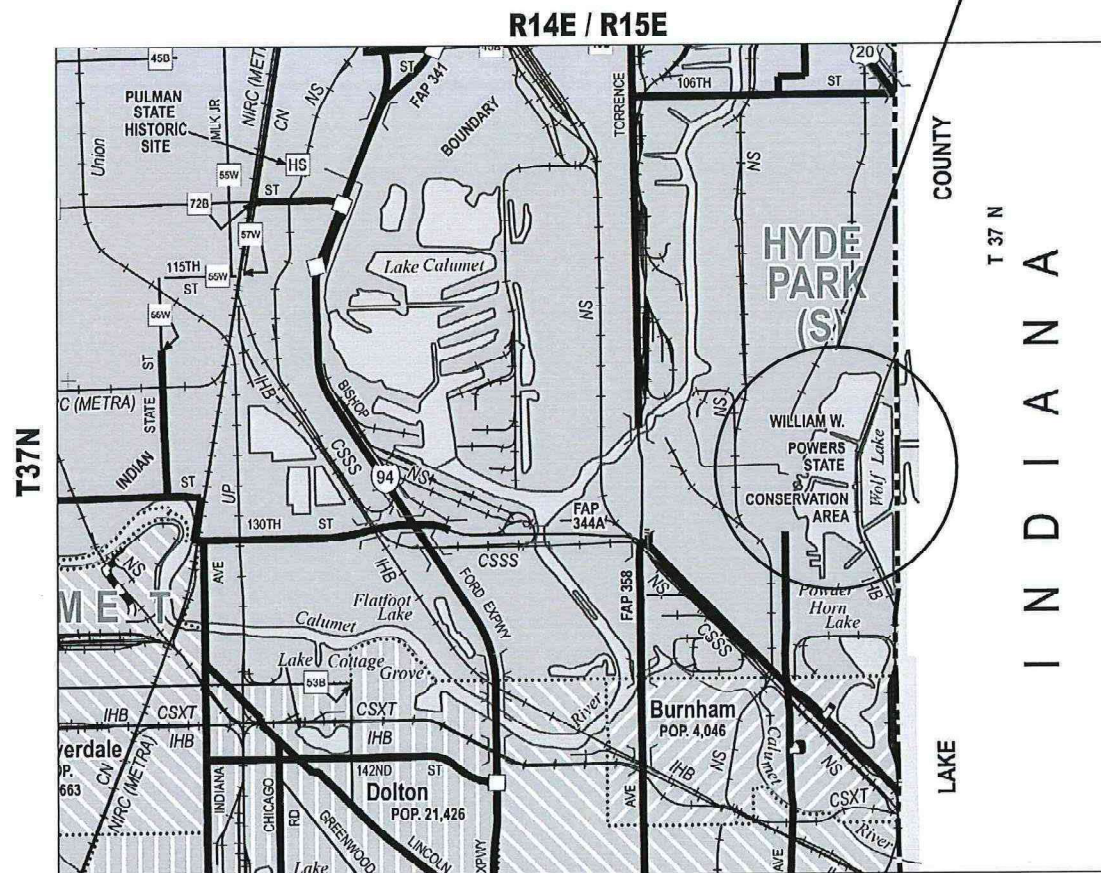
FOR LIST OF STANDARDS, SEE SHEET NO. 2

PROJECT LOCATION



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 EXCAVATION  
1-800-892-0123  
OR 811



LOCATION MAP  
N.T.S.

GROSS LENGTH = 14,000 FT. = 2.689 MILE  
NET LENGTH = 14,000 FT. = 2.689 MILE



MEGHAN K BOLLMAN  
PROFESSIONAL ENGINEER  
STATE OF ILLINOIS NO. 062-07836  
EXPIRES 11/30/2027  
SHEET NO. 1-14, 17-27, 43-49, 53-82, 84-86



ELIZABETH S. WITT  
PROFESSIONAL ENGINEER NO. 062-061876  
EXP. 11-30-2027  
SHEET NO. 15-16, 28-42, 50-52, 83

Farnsworth GROUP  
2211 BRADLEY AVENUE  
CHAMPAGNE, ILLINOIS 61821  
(217) 352-7408 / info@fw.com  
**CONTRACT NO. 46952**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED MAY 8, 2026

REGIONAL ENGINEER

ENGINEER OF DESIGN AND ENVIRONMENT

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

## GENERAL NOTES

- TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS INDICATED BY THE ENGINEER. ANY TREE, DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER, SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST. TREE PROTECTION WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE WORK ITEM REQUIRING PROTECTION.
- EXISTING TREES AND TREE CANOPY SHALL BE PROTECTED OR CLEARED ACCORDING TO ARTICLE 201 OF THE STANDARD SPECIFICATIONS. ANY BRANCHES BROKEN OR DAMAGED DURING CLEARING OR CONSTRUCTION OPERATIONS SHALL BE PRUNED ACCORDING TO ANSI A300 OR AS INDICATED BY IDNR STAFF/BIOLOGIST. PRUNING SHALL BE INCLUDED IN THE COST OF OTHER ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, VFW MEMORIALS, SHRUBS, TREES, OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH PROJECT AREA AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS INDICATED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL TOPSOIL MATERIAL SUITABLE FOR GROWING GRASS SHALL BE EXCAVATED AND STOCKPILED ON SITE FOR REUSE.
- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES AND SHALL BE LIABLE FOR ANY DAMAGE TO THEM RESULTING FROM THEIR OPERATIONS.
- THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- HORIZONTAL COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (1983).
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS INDICATED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED IMPROVEMENT LIMITS SHALL BE SEEDED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL VERIFY PIPE CULVERT LENGTHS WITH THE ENGINEER PRIOR TO ORDERING PIPE CULVERTS AND END SECTIONS.
- WHEN EXISTING SIGNS TO BE REMOVED ARE TO BE REPLACED BY NEW SIGNS, THE NEW SIGNS SHALL BE COMPLETELY INSTALLED PRIOR TO THE REMOVAL OF THE EXISTING. DUPLICATE SIGNS SHALL NOT EXIST FOR MORE THAN 24 HOURS.
- FULL DEPTH SAW CUTS SHALL BE PROVIDED AT ALL REMOVAL LIMITS UNLESS OTHERWISE SHOWN ON THE PLANS. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE CURRENT EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- THE BASELINE SHOWN IN THE PLANS IS A "BEST FIT" ALIGNMENT OF THE CENTER OF THE EXISTING ROADWAY FOR THE PURPOSE OF STATIONING AND DETERMINING OFFSETS. IN MOST CASES IT DOES NOT REPRESENT THE PHYSICAL CENTERLINE OF THE ROADWAY.
- ALL VFW MEMORIAL PLAQUES WITHIN THE PROJECT SITE SHALL BE PRESERVED. THE CONTRACTOR SHALL COORDINATE WITH IDNR TO VERIFY THE EXISTING LOCATIONS OF ALL MEMORIALS.
- ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE TO BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING 811 CHICAGO (DIGGER) OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

	ABOVE GROUND	BELOW GROUND
CDOT - DEPARTMENT OF WATER MANAGEMENT - SEWER SECTION ATTN: ISRAEL PEREZ ISRAEL.PEREZ@CITYOFCHICAGO.ORG 312-742-7103		X
CDOT - DIVISION OF ELECTRICAL OPERATIONS ATTN: ANTONIO BAUTISTA ANTONIO.BAUTISTA@GEC-GROUP.COM 312-746-8180	X	X

## COMMITMENTS

- TREE REMOVAL WILL BE COORDINATED WITH THE ENGINEER AND IDNR BIOLOGIST TO ENSURE COMPLIANCE WITH BAT HABITAT REQUIREMENTS. SEE SPECIAL PROVISION FOR TREE REMOVAL FOR ADDITIONAL DETAILS.
- THE LOCATION OF TREE PLANTINGS WILL BE COORDINATED WITH THE ENGINEER AND IDNR STAFF. SEE SPECIAL PROVISION FOR TREE PLANTINGS FOR ADDITIONAL DETAILS.

## HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
001006	DECIMAL OF AN INCH AND OF A FOOT	701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
280001-07	TEMPORARY EROSION CONTROL SYSTEMS	701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS	701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
424011-06	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS	701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS	701901-11	TRAFFIC CONTROL DEVICES
424021-07	DEPRESSED CORNERS FOR SIDEWALKS	720001-01	SIGN PANEL MOUNTING DETAILS
442201-04	CLASS C AND D PATCHES	720006-04	SIGN PANEL ERECTION DETAILS
515001-04	NAME PLATE FOR BRIDGES	720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION	725001-01	OBJECT AND TERMINAL MARKERS
601001-05	PIPE UNDERDRAINS	728001-01	TELESCOPING STEEL SIGN SUPPORT
602301-04	INLET, TYPE A	729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
604036-03	GRATE, TYPE 8	780001-05	TYPICAL PAVEMENT MARKINGS
630001-13	STEEL PLATE BEAM GUARDRAIL	BD-32	BUTT JOINTS AND HMA TAPER
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2	BD-58	CITY OF CHICAGO DETECTABLE WARNINGS
664001-02	CHAIN LINK FENCE	TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
		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

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

AGGREGATE (SURFACE, BASE, SUBBASE OR BACKFILL).....2.05 TON / CU YD

### SEEDING AREAS:

NITROGEN FERTILIZER NUTRIENT.....	90 LBS / ACRE
PHOSPHORUS FERTILIZER NUTRIENT.....	90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT.....	90 LBS / ACRE

## HMA MIXTURE REQUIREMENTS TABLE

MIXTURE TYPE	AIR VOIDS @ N <sub>DES</sub>	QMP
RESURFACING & WIDENING - PARK ROADS AND PARKING LOTS HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 1 1/2" HMA BINDER COURSE, IL-19.0, N50 - 2 1/4"	4.0% @ 50 GYR 4.0% @ 50 GYR	LR1030-2 LR1030-2
PATCHES CLASS D PATCHES (HMA BINDER IL-19.0)	4.0% @ 70 GYR	LR1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2		

\*THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.  
\*\* THE AC TYPE FOR NON-POLYMERIZED SHALL BE "PG 64-22", UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, HIGHWAY STANDARDS, AND COMMITMENTS  
WILLIAM POWERS STATE PARK

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	2
ILLINOIS			CONTRACT NO. 46952	
FED. AID PROJECT				

**Farnsworth**  
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(217) 352-7408 / info@f-w.com

USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				100% STATE	
				ROADWAY 0005	NONE
*20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	459	459	
*20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	937	937	
20101000	TEMPORARY FENCE	FOOT	847	847	
20200100	EARTH EXCAVATION	CU YD	2,445	2,445	
20300100	CHANNEL EXCAVATION	CU YD	65	65	
20800150	TRENCH BACKFILL	CU YD	63	63	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	5,596	5,596	
21400100	GRADING AND SHAPING DITCHES	FOOT	410	410	
*25000210	SEEDING, CLASS 2A	ACRE	2.25	2.25	
*25000400	NITROGEN FERTILIZER NUTRIENT	POUND	262	262	
*25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	262	262	
*25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	262	262	
25100630	EROSION CONTROL BLANKET	SQ YD	13,801	13,801	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	291	291	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				100% STATE	
				ROADWAY 0005	NONE
28000400	PERIMETER EROSION BARRIER	FOOT	9,660	9,660	
28000500	INLET AND PIPE PROTECTION	EACH	6	6	
28100107	STONE RIPRAP, CLASS A4	SQ YD	133	133	
28200200	FILTER FABRIC	SQ YD	133	133	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	167	167	
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	2,071	2,071	
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	6,168	6,168	
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	917	917	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	20,673	20,673	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	24,341	24,341	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	80	80	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	863	863	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	4,471	4,471	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	15,244	15,244	

\* SPECIALTY ITEM



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	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
 WILLIAM POWERS STATE PARK

SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	3
			CONTRACT NO. 46952	
		ILLINOIS FED. AID PROJECT		

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE		
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				ROADWAY		
				0005	NONE	
44000100	PAVEMENT REMOVAL	SQ YD	1,579	1,579		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	50,057	50,057		
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	572	572		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	60	60		
44000300	CURB REMOVAL	FOOT	151	151		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	61	61		
44000600	SIDEWALK REMOVAL	SQ FT	2,740	2,740		
44201701	CLASS D PATCHES, TYPE I, 5 INCH	SQ YD	18	18		
44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	42	42		
44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	138	138		
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	242	242		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	467	467		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1		
50105220	PIPE CULVERT REMOVAL	FOOT	294	294		
50200100	STRUCTURE EXCAVATION	CU YD	74	74		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE		
				100% STATE		
				ROADWAY		
				0005	NONE	
50201101	COFFERDAM (TYPE 1) (LOCATION - 1)	EACH	1	1		
50201102	COFFERDAM (TYPE 1) (LOCATION - 2)	EACH	1	1		
50300225	CONCRETE STRUCTURES	CU YD	17.3	17		
50300280	CONCRETE ENCASEMENT	CU YD	3.7	4		
50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ FT	528	528		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2,800	2,800		
*50901720	BICYCLE RAILING	FOOT	72	72		
*51200957	FURNISHING METAL SHELL PILES 12" X 0.250"	FOOT	270	270		
*51202305	DRIVING PILES	FOOT	270	270		
*51203200	TEST PILE METAL SHELLS	EACH	2	2		
*51204650	PILE SHOES	EACH	8	8		
*51500100	NAME PLATES	EACH	1	1		
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	5	5		
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	4	4		

\* SPECIALTY ITEM



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DESIGNED - MKB	REVISED -
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DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
 WILLIAM POWERS STATE PARK

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	4
			CONTRACT NO. 46952	
		ILLINOIS FED. AID PROJECT		

CONSTR. CODE  
100% STATE  
ROADWAY  
0005  
NONE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	123	123
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	192	192
542D0211	PIPE CULVERTS, CLASS D, TYPE 1 6"	FOOT	69	69
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	99	99
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	1	1
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2
60600605	CONCRETE CURB, TYPE B	FOOT	69.0	69
*63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	76	76
*63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3
*63100169	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) FLARED	EACH	1	1
63200310	GUARDRAIL REMOVAL	FOOT	65	65
66400305	CHAIN LINK FENCE, 6'	FOOT	33	33
67100100	MOBILIZATION	L SUM	1	1
*72000100	SIGN PANEL - TYPE 1	SQ FT	173	173

CONSTR. CODE  
100% STATE  
ROADWAY  
0005  
NONE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
*72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	30	30
*72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	3	3
*72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3
*72500400	OBJECT MARKER - TYPE 4	EACH	2	2
*72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	501	501
*72900100	METAL POST - TYPE A	FOOT	22	22
*73000100	WOOD SIGN SUPPORT	FOOT	194	194
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	549	549
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	18,753	18,753
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	678	678
*A2002814	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	12	12
*A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10	10
*A2006712	TREE, QUERCUS MACROCARPA (BUR OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	20	20
*A2006812	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 1.5" CALIPER, BALLED AND BURLAPPED	EACH	20	20

\* SPECIALTY ITEM

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PLOT DATE = 4/2/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
WILLIAM POWERS STATE PARK

SCALE: N.T.S. SHEET 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	5
			CONTRACT NO. 46952	
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REV-SEP

MODEL: SOQ-4 [Sheet]  
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				100% STATE	
				ROADWAY 0005	NONE
*A2007612	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	20	20	
*K1005421	SEEDING (SPECIAL)	ACRE	1	1	
X0300249	REMOVE EXISTING GATE	EACH	3	3	
X0301339	REMOVE EXISTING PARKING BLOCKS	EACH	254	254	
X0301430	PRECAST CONCRETE PARKING BLOCK	EACH	376	376	
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1	
X0320090	PARK BENCH REMOVAL AND RELOCATION	EACH	3	3	
X0322278	RODENT SHIELDS	EACH	1	1	
X0323013	TUBULAR STEEL GATE	EACH	2	2	
X0326406	INFORMATION KIOSK COMPLETE	EACH	1	1	
*X0327880	WAYFINDING SIGN, SPECIAL	L SUM	1	1	
X2020108	GRADING AND SHAPING (SPECIAL)	SQ YD	1,987	1,987	
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	249	249	
*X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	257	257	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				100% STATE	
				ROADWAY 0005	NONE
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	110	110	
X4430200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	19,682	19,682	
X6640632	WOOD RAIL	FOOT	32	32	
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	6	6	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
X0323605	BIOSWALE	SQ YD	69	69	
XZ004531	FOUNTAIN REMOVAL	L SUM	1	1	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	
*Z0051398	REMOVE EXISTING SIGN POST	EACH	5	5	
581000210	FULL LANE SEALANT WATERPROOFING SYSTEM	SQ YD	59	59	

\* SPECIALTY ITEM



USER NAME = jgrimm	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/2/2026	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
 WILLIAM POWERS STATE PARK

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	6
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: Sched-1 (Sheet)  
 FILE NAME: pwr/farnsworthgroup-pw.bentley.com/farn-cv-01/Documents/2023/02/30/1543.006 - PTB 21-0-034 IDOT-IDNR William Powers SRA/04\_Drawings/DGN/CAD\_Sheets/05 Schedules of Quantities/02301543-sht-schedule.dgn

LOCATION	LANDSCAPING & EROSION CONTROL										
	TEMPORARY FENCE	TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	SEEDING (SPECIAL)
	20101000 FOOT	21101615 SQ YD	25000210 ACRE	25000400 POUND	25000500 POUND	25000600 POUND	25100630 SQ YD	28000250 POUND	28000400 FOOT	28000500 EACH	K1005421 ACRE
WOLF LAKE BOULEVARD											
STA. 300+00 TO 306+00											
STA. 306+00 TO 312+00											
STA. 312+00 TO 318+00											
STA. 318+00 TO 324+00		101	0.02	2	2	2	101	2	180		
STA. 324+00 TO 330+00											
STA. 330+00 TO 336+00											
STA. 336+00 TO 342+00											
STA. 342+00 TO 348+00											
STA. 348+00 TO 354+00											
STA. 354+00 TO 360+00											
STA. 360+00 TO 366+00											
STA. 366+00 TO 372+00		72	0.01	1	1	1	72	1	145	2	
STA. 372+00 TO 378+00									18		
STA. 378+00 TO 384+00									608	1	
STA. 384+00 TO 390+00		27	0.01	1	1	1	27	1	590	2	
STA. 390+00 TO 396+00			0.03	2	2	2	152	4	421	1	
STA. 396+00 TO 402+00			0.10	10	10	10	456	11	274		
STA. 402+00 TO 408+00			0.10	9	9	9	456	10	123		
STA. 408+00 TO 414+00			0.10	10	10	10	456	11	110		
STA. 414+00 TO 420+00			0.10	9	9	9	456	10	117		
STA. 420+00 TO 426+00			0.10	10	10	10	456	11	307		
STA. 426+00 TO 432+00			0.10	9	9	9	456	10	397		
STA. 432+00 TO 438+00			0.10	10	10	10	456	11	764		
STA. 438+00 TO 444+00			0.10	9	9	9	456	10	590		
STA. 444+00 TO 450+00			0.10	10	10	10	456	11			
STA. 450+00 TO 456+00			0.10	9	9	9	456	10			
STA. 456+00 TO 460+29			0.07	6	6	6	326	8			
SIDEWALK											
STA. 50+00 TO 69+14		2737	0.39	51	51	51	2,737	57	1991		0.22
PARKING LOT 1									140		
PARKING LOT 2A											
PARKING LOT 2		107	0.01	2	2	2	107	2	129		0.02
PARKING LOT 3		94		2	2	2	94	2	220		0.03
PARKING LOT 4		105	0.02	2	2	2	105	2			
PARKING LOT 5											
PARKING LOT 6A									428		
PARKING LOT 6											
NEW ENTRANCE		48	0.01	1	1	1	48	1	90		
PARKING LOT 7		823	0.17	15	15	15	823	17	446		
PARKING LOT 8A											
PARKING LOT 8											
PARKING LOT 9A		410	0.01	8	8	8	410	9	296		0.09
PARKING LOT 9											
PARKING LOT 10		59	0.01	1	1	1	59	1			
PARKING LOT 11											
PARKING LOT 12		847	0.40	50	50	50	2,990	54			0.20
PULL-OFF PARKING A		400	0.03	7	7	7	400	8	570		0.06
PULL-OFF PARKING B		83		2	2	2	83	2	150		0.02
PULL-OFF PARKING C		59	0.01	1	1	1	59	1	145		
PULL-OFF PARKING D											
PULL-OFF PARKING E											
PULL-OFF PARKING F											
PULL-OFF PARKING G											
PULL-OFF PARKING H				5	5	5	177	5			0.05
PULL-OFF PARKING I											
PULL-OFF PARKING J											
PULL-OFF PARKING K											
PULL-OFF PARKING L											
PULL-OFF PARKING M											
PULL-OFF PARKING N		106	0.02	2	2	2	106	2	128		
PULL-OFF PARKING O		52		1	1	1	52	1	102		0.01
PULL-OFF PARKING P		313	0.03	6	6	6	313	6	181		0.05
TOTAL	847	5,596	2.25	262	262	262	13,801	291	9,660	6	0.75

LOCATION	PATCHING			
	CLASS D PATCHES, TYPE I, 5 INCH	CLASS D PATCHES, TYPE II, 5 INCH	CLASS D PATCHES, TYPE III, 5 INCH	CLASS D PATCHES, TYPE IV, 5 INCH
	44201701 SQ YD	44201705 SQ YD	44201709 SQ YD	44201711 SQ YD
WOLF LAKE BOULEVARD				
STA. 300+00 TO 306+00				81
STA. 306+00 TO 312+00	1			
STA. 312+00 TO 318+00				
STA. 318+00 TO 324+00				
STA. 324+00 TO 330+00				
STA. 330+00 TO 336+00	3			
STA. 336+00 TO 342+00	5			35
STA. 342+00 TO 348+00		18	21	
STA. 348+00 TO 354+00	2	15		
STA. 354+00 TO 360+00	2			
STA. 360+00 TO 366+00				
STA. 366+00 TO 372+00				126
STA. 372+00 TO 378+00	3			
STA. 378+00 TO 384+00			18	
STA. 384+00 TO 390+00			36	
STA. 390+00 TO 396+00			22	
STA. 396+00 TO 402+00				
STA. 402+00 TO 408+00				
STA. 408+00 TO 414+00				
STA. 414+00 TO 420+00				
STA. 420+00 TO 426+00				
STA. 426+00 TO 432+00				
STA. 432+00 TO 438+00				
STA. 438+00 TO 444+00				
STA. 444+00 TO 450+00				
STA. 450+00 TO 456+00				
STA. 456+00 TO 460+29				
PARKING LOT 1				
PARKING LOT 2A				
PARKING LOT 2		10		
PARKING LOT 3				
PARKING LOT 4			21	
PARKING LOT 5				
PARKING LOT 6A				
PARKING LOT 6	2			
NEW ENTRANCE				
PARKING LOT 7				
PARKING LOT 8A				
PARKING LOT 8				
PARKING LOT 9A				
PARKING LOT 9				
PARKING LOT 10				
PARKING LOT 11				
PARKING LOT 12				
TOTAL	18	42	138	242



USER NAME = marmstrong  
 DESIGNED - MKB  
 DRAWN - WLB  
 CHECKED - JGG  
 PLOT DATE = 4/1/2026

REVISER -  
 REVISED -  
 REVISED -  
 REVISED -

DATE -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
 WILLIAM POWERS STATE PARK

SCALE: N.T.S. SHEET 1 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	7
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: Sheet-2 (Sheet)  
 FILE NAME: p:\farnsworth\group-pw\benly\com\iam-cv-01\Documents\2023\02\301543.006 - PTB 2\0-C34-IDOT-IDNR-William Powers SRA04 - Drawings\DNV\CAD\_Sheets\05 Schedules of Quantities\02301543-sth-schedule.dgn

LOCATION	REMOVALS											
	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	DRIVEWAY PAVEMENT REMOVAL	CURB REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	GUARDRAIL REMOVAL	REMOVE EXISTING GATE	HMA SURFACE REMOVAL VARIABLE DEPTH
	20100110 UNIT	20100210 UNIT	44000100 SQ YD	44000155 SQ YD	44000161 SQ YD	44000200 SQ YD	44000300 FOOT	44000500 FOOT	44000600 SQ FT	63200310 FOOT	X0300249 EACH	X4401198 SQ YD
WOLF LAKE BOULEVARD												
STA. 300+00 TO 306+00	8	21		1765					127			
STA. 306+00 TO 312+00				1263								
STA. 312+00 TO 318+00				1312								
STA. 318+00 TO 324+00				865					30			
STA. 324+00 TO 330+00				1336								
STA. 330+00 TO 336+00				1549			31					
STA. 336+00 TO 342+00				1656			32					
STA. 342+00 TO 348+00				1262								
STA. 348+00 TO 354+00				1167								
STA. 354+00 TO 360+00				1198								
STA. 360+00 TO 366+00				1179						1		
STA. 366+00 TO 372+00			143	1164					31			
STA. 372+00 TO 378+00				1203								
STA. 378+00 TO 384+00				1,208								
STA. 384+00 TO 390+00				1,210								
STA. 390+00 TO 396+00	26	18		1,509								
STA. 396+00 TO 402+00				1,477								
STA. 402+00 TO 408+00				1,355								
STA. 408+00 TO 414+00				1,721								
STA. 414+00 TO 420+00				1,210								
STA. 420+00 TO 426+00				1,333								
STA. 426+00 TO 432+00				1,206								
STA. 432+00 TO 438+00				1,208								
STA. 438+00 TO 444+00				302	572					65		
STA. 444+00 TO 450+00												
STA. 450+00 TO 456+00												
STA. 456+00 TO 460+29												
SIDEWALK												
STA. 50+00 TO 69+14												
PARKING LOT 1				2,580					235			
PARKING LOT 2A				121								
PARKING LOT 2	10										60	
PARKING LOT 3				535							50	
PARKING LOT 4			155	2,369					54			
PARKING LOT 5				1,039					571			
PARKING LOT 6A		88		629					98			
PARKING LOT 6				153								
NEW ENTRANCE				726					411	1		
PARKING LOT 7	15		827				88	61		1		
PARKING LOT 8A				725					23			
PARKING LOT 8												
PARKING LOT 9A			388	5,719					565			
PARKING LOT 9												
PARKING LOT 10			66	1,150					22			
PARKING LOT 11	400	810		3,653		60			183			
PARKING LOT 12												
PULL-OFF PARKING A												
PULL-OFF PARKING B												
PULL-OFF PARKING C												
PULL-OFF PARKING D												
PULL-OFF PARKING E												
PULL-OFF PARKING F												
PULL-OFF PARKING G												
PULL-OFF PARKING H												
PULL-OFF PARKING I												
PULL-OFF PARKING J												
PULL-OFF PARKING K												
PULL-OFF PARKING L												
PULL-OFF PARKING M												
PULL-OFF PARKING N									390			
PULL-OFF PARKING O												
PULL-OFF PARKING P												
TOTAL	459	937	1,579	50,057	572	60	151	61	2,740	65	3	110

LOCATION	PAVEMENT MARKINGS		
	THERMOPLASTIC PAVEMENT MARKINGS LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
	78000100 SQ FT	78000200 FOOT	78000650 FOOT
		WHITE	YELLOW
WOLF LAKE BOULEVARD			
STA. 300+00 TO 306+00			83
STA. 306+00 TO 312+00			150
STA. 312+00 TO 318+00			150
STA. 318+00 TO 324+00			136
STA. 324+00 TO 330+00			126
STA. 330+00 TO 336+00	32		105
STA. 336+00 TO 342+00	48		87
STA. 342+00 TO 348+00	32		150
STA. 348+00 TO 354+00	48		150
STA. 354+00 TO 360+00	32		150
STA. 360+00 TO 366+00	32		150
STA. 366+00 TO 372+00	16		150
STA. 372+00 TO 378+00			150
STA. 378+00 TO 384+00			150
STA. 384+00 TO 390+00			150
STA. 390+00 TO 396+00	122		247
STA. 396+00 TO 402+00		213	
STA. 402+00 TO 408+00			
STA. 408+00 TO 414+00			
STA. 414+00 TO 420+00			
STA. 420+00 TO 426+00		284	
STA. 426+00 TO 432+00			
STA. 432+00 TO 438+00		467	
STA. 438+00 TO 444+00		632	
STA. 444+00 TO 450+00			
STA. 450+00 TO 456+00			
STA. 456+00 TO 460+29			
PARKING LOT 1	9	560	259
PARKING LOT 2A		90	
PARKING LOT 2	5	234	114
PARKING LOT 3		320	
PARKING LOT 4	9	1,180	235
PARKING LOT 5	9	154	239
PARKING LOT 6A	9	693	252
PARKING LOT 6		132	
NEW ENTRANCE	57	285	96
PARKING LOT 7	5	252	310
PARKING LOT 8A	5	460	137
PARKING LOT 8	9	850	234
PARKING LOT 9A	9	279	692
PARKING LOT 9	9	559	218
PARKING LOT 10	5	380	117
PARKING LOT 11	10		1,765
PARKING LOT 12		713	75
PULL-OFF PARKING A		100	
PULL-OFF PARKING B			
PULL-OFF PARKING C		60	120
PULL-OFF PARKING D		159	
PULL-OFF PARKING E		237	
PULL-OFF PARKING F		211	
PULL-OFF PARKING G		241	
PULL-OFF PARKING H		209	
PULL-OFF PARKING I		383	
PULL-OFF PARKING J		261	
PULL-OFF PARKING K		618	
PULL-OFF PARKING L		230	
PULL-OFF PARKING M			
PULL-OFF PARKING N		40	
PULL-OFF PARKING O	5	20	
PULL-OFF PARKING P		100	
TOTAL	549	11,606	7,147



USER NAME = marmstrong  
 PLOT DATE = 4/1/2026

DESIGNED - MKB  
 DRAWN - WLB  
 CHECKED - JGG  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
 WILLIAM POWERS STATE PARK

SCALE: N.T.S. SHEET 2 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	8
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: Sched-3 (Sheet)  
 FILE NAME: p:\farnsworth\group-pw\entlvy.com\iam-cv-01\Documents\2023\02\301543\006 - PTB 21\0-034 IDOT-IDNR William Powers SRA\04\_Drawings\DWG\CAD\_Sheets\05 Schedules of Quantities\02301543-sht-schedule.dgn

LOCATION						SIGNAGE										
STATION/LOCATION	OFFSET	MUTCD#	CUSTOM	WIDTH (INCH)	HEIGHT (INCH)	SIGN DESCRIPTION	72000100 SQ FT	REMOVE SIGN PANEL ASSEMBLY TYPE A 72400100 EACH	REMOVE SIGN PANEL - TYPE 1 72400310 SQ FT	RELOCATE SIGN PANEL ASSEMBLY TYPE A 72400500 EACH	OBJECT MARKER - TYPE 4 72500400 EACH	TELESCOPING STEEL SIGN SUPPORT 72800100 FOOT	METAL POST - TYPE A 72900100 FOOT	WOOD SIGN SUPPORT 73000100 FOOT	WAYFINDING SIGN, SPECIAL X0327880 L SUM	REMOVE EXISTING SIGN POST Z0051398 EACH
303+25	RT	R7-1D		12	18	NO PARKING ANY TIME	1.5	1				12.5				
303+25	LT	R7-1D		12	18	NO PARKING ANY TIME	1.5	1				12.5				
304+25	RT	R7-1		12	18	NO PARKING ANY TIME				1						
304+25	LT	N/A	IDNR	12	18	DOG WASTE										
304+25	LT	R7-1D		12	18	NO PARKING ANY TIME	1.5	1				12.5				
304+40	RT	R7-1		12	18	NO PARKING ANY TIME	1.5					14.0				
304+40	RT	N/A	IDNR	12	18	DOG WASTE	1.5									
307+50	RT	R8-3A		12	18	NO PARKING	1.5	1				12.5				
310+34	LT	R2-1		24	30	SPEED LIMIT 15 MPH	5.0					15.0				
310+34	LT	R8-3A		12	18	NO PARKING	1.5									
325+00	LT	R1-1		30	30	STOP	6.3									
325+00	LT	N/A		12	18	PARK CLOSES AT 8:00 PM	1.5	1				15.0				
325+50	RT	D11-1C		24	18	BIKE TO BURNHAM GREENWAY				1						
331+10	RT	R8-3A		12	18	NO PARKING	1.5	1				12.5				
331+50	LT	N/A	IDNR	12	18	ALCOHOLIC BEVERAGES FORBIDDEN IN PARK				1						
332+33	RT	R8-3A		12	18	NO PARKING	1.5	1				12.5				
335+33	LT	R7-1D		12	18	NO PARKING ANY TIME	1.5	1				12.5				
336+33	RT	R7-228		12	18	NO PARKING ON GRASS	1.5	1				12.5				
336+60	RT	N/A														1
336+75	RT	R7-1D		12	18	NO PARKING ANY TIME	1.5	1				12.5				
336+98	LT	N/A														1
337+29	RT	N/A	IDNR			WAYFINDING SIGN, SPECIAL (SIGN #1)									0.5	
337+75	RT	R1-1		30	30	STOP	6.3									
337+75	RT	N/A	IDNR	12	18	PARK CLOSES AT 8:00 PM	1.5	1				15.0				
337+90	LT	N/A														1
338+53	LT	N/A	IDNR			WAYFINDING SIGN, SPECIAL (SIGN #2)									0.5	
345+00	RT	R1-1		30	30	STOP	6.3									
345+00	RT	N/A	IDNR	12	18	PARK CLOSES AT 8:00 PM	1.5	1				15.0				
346+00	RT	R2-1		24	30	SPEED LIMIT 15 MPH	5.0	1				13.5				
366+00	RT	R2-1		24	30	SPEED LIMIT 15 MPH	5.0	1				13.5				
367+75	LT	R2-1		24	30	SPEED LIMIT 15 MPH	5.0	1				13.5				
377+25	RT	R7-228		12	18	NO PARKING ON GRASS	1.5					14.0				
377+25	RT	N/A	IDNR	18	18	NO SWIMMING	2.3	1								
389+75	LT	R7-1D		12	18	NO PARKING ANY TIME				1						
389+75	LT	N/A	IDNR	12	18	ARCHERY RANGE										1
394+87	LT	N/A	IDNR	24	30	NO BOAT TRAILER PARKING	5.0							14		
395+23	RT	N/A	IDNR	24	30	BOAT MAKE READY LANE	5.0							14		
395+91	RT	N/A	IDNR	24	30	BOAT MAKE READY LANE	5.0							14		
396+15	LT	R8-5		24	30	NO STOPPING ON PAVEMENT	5.0							14		
396+55	RT	R8-3a		24	30	NO PARKING	5.0							14		
397+03	RT	N/A	IDNR	30	30	CUL-DE-SAC NO OUTLET	6.3							14		
439+01	RT	N/A	IDNR	30	30	CUL-DE-SAC AHEAD	6.3							14		
440+93	RT	N/A	IDNR	18	18	OBJECT MARKER					1		11			
441+00	RT	N/A	IDNR	18	18	OBJECT MARKER					1		11			
PARKING LOT 1	R7-8			12	18	HANDICAP RESERVED PARKING	1.5					13.0				
	R7-I101P			12	6	\$250 FINE	0.5									
PARKING LOT 2	R7-8			12	18	HANDICAP RESERVED PARKING	1.5					13.0				
	R7-I101P			12	6	\$250 FINE	0.5									
PARKING LOT 4	R7-8			12	18	HANDICAP RESERVED PARKING	1.5			1		13.0				
	R7-I101P			12	6	\$250 FINE	0.5									
PARKING LOT 5	R7-8			12	18	HANDICAP RESERVED PARKING	1.5			1		13.0				
	R7-I101P			12	6	\$250 FINE	0.5									
PARKING LOT 6A	R7-8			12	18	HANDICAP RESERVED PARKING	1.5			1		13.0				
	R7-I101P			12	6	\$250 FINE	0.5									
PARKING LOT 7	R7-8			12	18	HANDICAP RESERVED PARKING	1.5					13.0				
	R7-I101P			12	6	\$250 FINE	0.5									
PARKING LOT 8A	R1-1			30	30	STOP				1						
	R7-8			12	18	HANDICAP RESERVED PARKING	1.5					13.0				
PARKING LOT 8	R7-I101P			12	6	\$250 FINE	0.5			1		13.0				
	R7-8			12	18	HANDICAP RESERVED PARKING	1.5									
PARKING LOT 8	R7-I101P			12	6	\$250 FINE	0.5			1		13.0				
	R7-8			12	18	HANDICAP RESERVED PARKING	1.5									
PARKING LOT 8	R7-I101P			12	6	\$250 FINE	0.5					13.0				
	R7-8			12	18	HANDICAP RESERVED PARKING	1.5									



USER NAME = mamstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
 WILLIAM POWERS STATE PARK

SCALE: N.T.S. SHEET 3 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	9
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: Sched-4 (Sheet) FILE NAME: p:\farnsworth\group-pw\benley.com\iam-cv-01\Documents\2023\01543\006 - PTB 21\0-034 IDOT-IDNR William Powers SRA\04\_Drawings\DNV\CAD\_Sheets\05 Schedules of Quantities\02301543-sht-schedule.dgn

LOCATION					SIGNAGE											
					SIGN PANEL - TYPE 1	REMOVE SIGN PANEL ASSEMBLY TYPE A	REMOVE SIGN PANEL - TYPE 1	RELOCATE SIGN PANEL ASSEMBLY TYPE A	OBJECT MARKER - TYPE 4	TELESCOPING STEEL SIGN SUPPORT	METAL POST - TYPE A	WOOD SIGN SUPPORT	WAYFINDING SIGN SPECIAL	REMOVE EXISTING SIGN POST		
STATION/LOCATION	OFFSET	MUTCD#	CUSTOM	WIDTH (INCH)	HEIGHT (INCH)	SIGN DESCRIPTION	72000100 SQ FT	72400100 EACH	72400310 SQ FT	72400500 EACH	72500400 EACH	72800100 FOOT	72900100 FOOT	73000100 FOOT	X0327880 L SUM	Z0051398 EACH
PARKING LOT 9A	R7-8			12	18	HANDICAP RESERVED PARKING	1.5	1				13.0				
	R7-1101P			12	6	\$250 FINE	0.5									
	R7-8			12	18	HANDICAP RESERVED PARKING	1.5	1				13.0				
	R7-1101P			12	6	\$250 FINE	0.5									
PARKING LOT 9	R7-1D			12	18	NO PARKING ANY TIME	1.5	1				12.5				
	R7-1101P			12	6	\$250 FINE	0.5									
	R7-8			12	18	HANDICAP RESERVED PARKING	1.5	1				13.0				
	R7-1101P			12	6	\$250 FINE	0.5									
PARKING LOT 10	R7-8			12	18	HANDICAP RESERVED PARKING	1.5	1				13.0				
	R7-1101P			12	6	\$250 FINE	0.5									
	R7-8			12	18	HANDICAP RESERVED PARKING	1.5	1				13.0				
	R7-1101P			12	6	\$250 FINE	0.5									
PARKING LOT 11	N/A	IDNR		24	30	BOAT TRAILER PARKING	5.0							14.0		
	R6-2L			24	30	ONE WAY (LEFT)	5.0							14.0		
	R7-8			12	18	RESERVED PARKING			1.50							
	R7-8			12	18	RESERVED PARKING			1.50							
	R6-2L			24	30	ONE WAY (LEFT)	5.0							14.0		
	R5-1			30	30	DO NOT ENTER	6.3							14.0		
	R5-1			30	30	DO NOT ENTER	6.3							14.0		
	R7-8			12	18	RESERVED PARKING	1.5							13.0		
PULL-OFF PARKING B	N/A														1	
PULL-OFF PARKING C	R7-8			12	18	HANDICAP RESERVED PARKING	1.5					13.0				
	R7-1101P			12	6	\$250 FINE	0.5									
TOTAL							173	30	3	3	2	501	22	194	1	5

LOCATION	DRAINAGE										
	TRENCH BACKFILL	GRADING AND SHAPING DITCHES	PIPE CULVERT REMOVAL	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	PIPE CULVERTS, CLASS A, TYPE 118"	PIPE CULVERTS, CLASS A, TYPE 130"	PIPE CULVERTS, CLASS D, TYPE 16"	CONCRETE HEADWALLS FOR PIPE DRAINS	RODENT SHIELDS	BIOSWALE
	20800150 CU YD	21400100 FOOT	50105220 FOOT	54213663 EACH	54213675 EACH	542A0223 FOOT	542A0235 FOOT	542D0211 FOOT	60100060 EACH	X0322278	XX009434 SQ YD
STA. 366+83	7		110		2		112				
STA. 370+60	28		81		2		80				
STA. 383+13	2	40	26	1		30					
STA. 385+19	2		26	1		30					
STA. 387+34	1		27	1		28					
STA. 389+25			24								
STA. 395+17	17							69	1	1	
PARKING LOT 11											69
SIDEWALK STA. 68+22	6	370		2		35					
TOTAL	63	410	294	5	4	123	192	69	1	1	69



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
WILLIAM POWERS STATE PARK

SCALE: N.T.S. SHEET 4 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	10
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: Schedule5 (Sheet)  
 FILE NAME: p:\farnsworthgroup-pw\entl\entl\Documents\2023\01543\006 - PTB 21\0-034 IDOT IDNR William Powers SRA\04 Drawings\DNV\CAD\_Sheets\05 Schedules of Quantities\02301543-stl-schedule.dgn

LOCATION	PAVEMENT															
	AGGREGATE BASE COURSE, TYPE B	AGGREGATE BASE COURSE, TYPE B 6"	AGGREGATE BASE COURSE, TYPE B 8"	AGGREGATE SURFACE COURSE, TYPE A	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HMA SURFACE REMOVAL - BUTT JOINT	HMA BINDER COURSE, IL-19.0, N50	HMA SURFACE COURSE, IL-9.5, MIX "D", N50	PC CONC SIDEWALK 5 INCH	AGGREGATE WEDGE SHOULDER, TYPE B	CONCRETE CURB, TYPE B	GRADING AND SHAPING (SPECIAL)	GRADING AND SHAPING SHOULDERS	DETECTABLE WARNINGS (SPECIAL)	STRIP REFLECTIVE CRACK CONTROL TREATMENT
	35101400 TON	35101800 SQ YD	35102000 SQ YD	40200100 TON	40600275 POUND	40600290 POUND	40600982 SQ YD	40603080 TON	40604060 TON	42400200 SQ FT	48102100 TON	60600605 FOOT	X2020108 SQ YD	X2020110 UNIT	X4240800 SQ FT	X4430200 FOOT
<b>WOLF LAKE BOULEVARD</b>																
STA. 300+00 TO 306+00		81	408		918	882	7	51	151		11			14		1,200
STA. 306+00 TO 312+00		1	204		459	614		26	103		9			11		1,200
STA. 312+00 TO 318+00			153		344	626		19	103		6			7		1,200
STA. 318+00 TO 324+00		56	42		94	402	33	5	64	466	2			3	10	1,200
STA. 324+00 TO 330+00			133		298	630		17	103		7			9		1,200
STA. 330+00 TO 336+00		3	151		340	724		19	118		10	34.5		14		1,200
STA. 336+00 TO 342+00		60	106		239	759		13	122		9	34.5		12		1,200
STA. 342+00 TO 348+00		20	205		462	614		26	103		8			10		1,200
STA. 348+00 TO 354+00		20	300		674	593		38	103		9			12		1,200
STA. 354+00 TO 360+00		17	269		605	600		34	103		9			11		1,200
STA. 360+00 TO 366+00			288		647	595		36	103		9			12		1,200
STA. 366+00 TO 372+00		129	563		1,268	648		71	121	40	9			12		1,200
STA. 372+00 TO 378+00		3	264		594	601		33	103		7			9		1,200
STA. 378+00 TO 384+00		11	258		580	601		32	102		9			12		1,200
STA. 384+00 TO 390+00		22	269		606	601		34	103		9			11		1,200
STA. 390+00 TO 396+00			273		614	742	22	44	137		7			7		1,033
STA. 396+00 TO 402+00			75		654	681			149		11					186
STA. 402+00 TO 408+00					295	610			125		12					
STA. 408+00 TO 414+00					140	774			149		12					
STA. 414+00 TO 420+00					388	544			116		12					
STA. 420+00 TO 426+00					317	600			123		12					
STA. 426+00 TO 432+00					1,107	543			142		12					
STA. 432+00 TO 438+00					1,911	544			173		12					
STA. 438+00 TO 444+00	167			137	2,155	304		85	117	32	39					221
STA. 444+00 TO 450+00				287							48					
STA. 450+00 TO 456+00				287							48					
STA. 456+00 TO 460+29				206							34					
<b>SIDEWALK</b>																
STA. 50+00 TO 69+14		1,242								11,077					102	
PARKING LOT 1		26	132		296	1,179		17	187	231	13			17		
PARKING LOT 2A			1		1	54			8		1			1		
PARKING LOT 2		10	184		413	376		23	65		4			6		
PARKING LOT 3		140	8		18	260		1	41	1,269	1			2		
PARKING LOT 4		30	19		42	1,070		2	167	80	4			5	10	
PARKING LOT 5		63	41		93	466		5	74	563	3			4	24	
PARKING LOT 6A		3	4		9	284		1	44					1		
PARKING LOT 6			20		45	74		3	12		1			1		
NEW ENTRANCE		42	2		4	322	18	1	50	375	3			3	24	
PARKING LOT 7		46	823		1,852	185		105	58	415	3			3	24	
PARKING LOT 8A		3	4		9	323		1	50	25	2			3		
PARKING LOT 8																
PARKING LOT 9A		25	153		344	2,577		19	406	227	18			23	24	
PARKING LOT 9																
PARKING LOT 10		3	33		75	522		4	82	25	5			7		
PARKING LOT 11			204		458	1,690		26	351	285	20				39	242
PARKING LOT 12												1,987				
PULL-OFF PARKING A			138		311	31		17	10		1			1		
PULL-OFF PARKING B			49		110	11		6	3		2			2		
PULL-OFF PARKING C		15	130		293	29		16	9	134	1			1		
PULL-OFF PARKING D																
PULL-OFF PARKING E																
PULL-OFF PARKING F																
PULL-OFF PARKING G																
PULL-OFF PARKING H																
PULL-OFF PARKING I																
PULL-OFF PARKING J																
PULL-OFF PARKING K																
PULL-OFF PARKING L																
PULL-OFF PARKING M			71		161	16		9	5		1			1		
PULL-OFF PARKING N			49		111	11		6	3		1			1		
PULL-OFF PARKING O																
PULL-OFF PARKING P			142		319	29		18	10		1			1		
<b>TOTAL</b>	<b>167</b>	<b>2,071</b>	<b>6,168</b>	<b>917</b>	<b>20,673</b>	<b>24,341</b>	<b>80</b>	<b>863</b>	<b>4,471</b>	<b>15,244</b>	<b>467</b>	<b>69.0</b>	<b>1,987</b>	<b>249</b>	<b>257</b>	<b>19,682</b>



USER NAME = marmstrong  
 DESIGNED - MKB  
 DRAWN - WLB  
 CHECKED - JGG  
 PLOT DATE = 4/1/2026

REVISOR -  
 REVISION -  
 REVISION -  
 REVISION -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
 WILLIAM POWERS STATE PARK**

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	11
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: Schedule4 (Sheet)  
 FILE NAME: p:\farnsworth\group-pw\entire\1\Documents\2023\015433\006 - PTB 21\0-034-IDOT-IDNR-William Powers SRA\04\_Drawings\DWG\CAD\_Sheets\05 Schedules of Quantities\023015433-01-sht-schedule.dgn

LOCATION	MISCELLANEOUS									
	CATCH BASINS TO BE ADJUSTED	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	CHAIN LINK FENCE, 6'	REMOVE EXISTING PARKING BLOCK	PRECAST CONCRETE PARKING BLOCK	PARK BENCH REMOVAL AND RELOCATION	TUBULAR STEEL GATE	INFORMATION KIOSK COMPLETE
	60250200 EACH	63000001 FOOT	63100045 EACH	63100169 EACH	66400305 FOOT	X0301339 EACH	X0301430 EACH	X0320090 EACH	X0323013 EACH	X0326406 EACH
WOLF LAKE BOULEVARD										
STA. 300+00 TO 306+00	2									
STA. 306+00 TO 312+00										
STA. 312+00 TO 318+00								2		
STA. 318+00 TO 324+00										
STA. 324+00 TO 330+00										
STA. 330+00 TO 336+00										
STA. 336+00 TO 342+00										
STA. 342+00 TO 348+00										
STA. 348+00 TO 354+00										
STA. 354+00 TO 360+00										
STA. 360+00 TO 366+00										
STA. 366+00 TO 372+00					33			1	1	
STA. 372+00 TO 378+00										
STA. 378+00 TO 384+00										1
STA. 384+00 TO 390+00										
STA. 390+00 TO 396+00										
STA. 396+00 TO 402+00										
STA. 402+00 TO 408+00										
STA. 408+00 TO 414+00										
STA. 414+00 TO 420+00										
STA. 420+00 TO 426+00										
STA. 426+00 TO 432+00										
STA. 432+00 TO 438+00										
STA. 438+00 TO 444+00		13	2							
STA. 444+00 TO 450+00										
STA. 450+00 TO 456+00										
STA. 456+00 TO 460+29										
SIDEWALK										
STA. 50+00 TO 69+14										
PARKING LOT 1						37	32			
PARKING LOT 2A							6			
PARKING LOT 2						15	16			
PARKING LOT 3						19	19			
PARKING LOT 4						13	40			
PARKING LOT 5						9	11			
PARKING LOT 6A						33	37			
PARKING LOT 6						7	7			
NEW ENTRANCE									1	
PARKING LOT 7		63	1	1			17			
PARKING LOT 8A						26	26			
PARKING LOT 8										
PARKING LOT 9A						52	50			
PARKING LOT 9										
PARKING LOT 10						23	22			
PARKING LOT 11						20	27			
PARKING LOT 12										
PULL-OFF PARKING A							6			
PULL-OFF PARKING B										
PULL-OFF PARKING C										
PULL-OFF PARKING D										
PULL-OFF PARKING E										
PULL-OFF PARKING F										
PULL-OFF PARKING G										
PULL-OFF PARKING H										
PULL-OFF PARKING I										
PULL-OFF PARKING J										
PULL-OFF PARKING K										
PULL-OFF PARKING L										
PULL-OFF PARKING M										
PULL-OFF PARKING N										
PULL-OFF PARKING O										
PULL-OFF PARKING P										
TOTAL	2	76	3	1	33	254	376	3	2	1

EARTHWORK	
LOCATION	EARTH EXCAVATION
	20200100 CUYD
WOLF LAKE BOULEVARD	
STA. 300+00 TO 306+00	133
STA. 306+00 TO 312+00	67
STA. 312+00 TO 318+00	50
STA. 318+00 TO 324+00	14
STA. 324+00 TO 330+00	43
STA. 330+00 TO 336+00	49
STA. 336+00 TO 342+00	35
STA. 342+00 TO 348+00	67
STA. 348+00 TO 354+00	98
STA. 354+00 TO 360+00	88
STA. 360+00 TO 366+00	94
STA. 366+00 TO 372+00	184
STA. 372+00 TO 378+00	86
STA. 378+00 TO 384+00	84
STA. 384+00 TO 390+00	88
STA. 390+00 TO 396+00	61
STA. 396+00 TO 402+00	13
STA. 402+00 TO 408+00	13
STA. 408+00 TO 414+00	13
STA. 414+00 TO 420+00	13
STA. 420+00 TO 426+00	13
STA. 426+00 TO 432+00	13
STA. 432+00 TO 438+00	13
STA. 438+00 TO 444+00	5
STA. 444+00 TO 450+00	
STA. 450+00 TO 456+00	
STA. 456+00 TO 460+29	
SIDEWALK	
STA. 50+00 TO 69+14	327
PARKING LOT 1	43
PARKING LOT 2A	
PARKING LOT 2	60
PARKING LOT 3	3
PARKING LOT 4	6
PARKING LOT 5	14
PARKING LOT 6A	1
PARKING LOT 6	7
NEW ENTRANCE	1
PARKING LOT 7	269
PARKING LOT 8A	1
PARKING LOT 8	
PARKING LOT 9A	50
PARKING LOT 9	
PARKING LOT 10	11
PARKING LOT 11	126
PARKING LOT 12	
PULL-OFF PARKING A	45
PULL-OFF PARKING B	16
PULL-OFF PARKING C	43
PULL-OFF PARKING D	
PULL-OFF PARKING E	
PULL-OFF PARKING F	
PULL-OFF PARKING G	
PULL-OFF PARKING H	
PULL-OFF PARKING I	
PULL-OFF PARKING J	
PULL-OFF PARKING K	
PULL-OFF PARKING L	
PULL-OFF PARKING M	
PULL-OFF PARKING N	23
PULL-OFF PARKING O	16
PULL-OFF PARKING P	46
TOTAL	2,445



USER NAME = marmstrong  
 DESIGNED - MKB  
 DRAWN - WLB  
 CHECKED - JGG  
 PLOT DATE = 4/1/2026

DESIGNED - MKB  
 DRAWN - WLB  
 CHECKED - JGG  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES  
 WILLIAM POWERS STATE PARK

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	12
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: Schedule7 (Sheet)  
 FILE NAME: p:\farnsworth\group-pw\entlvy.com\iam-cv-01\Documents\2023\01543.006 - PTB 21\0-034 IDOT-IDNR William Powers SRA\04 Drawings\IGN\CAD\_Sheets\05 Schedules of Quantities\02301543-sht-schedule.dgn

LOCATION	CHANNEL EXCAVATION	STONE RIPRAP, CLASS A4	FILTER FABRIC	REMOVAL OF EXISTING STRUCTURES	STRUCTURE EXCAVATION	STRUCTURAL															
						COFFERDAM (TYPE 1) (LOCATION - 1)	COFFERDAM (TYPE 1) (LOCATION - 2)	CONCRETE STRUCTURES	CONCRETE ENCASEMENT	PRECAST PRESTRESSED CONCRETE DECK BEAM (17" DEPTH)	REINFORCEMENT BARS, EPOXY COATED	BICYCLE RAILING	FURNISHING METAL SHELL PILES 12" X 0.250"	DRIVING PILES	TEST PILE METAL SHELLS	PILE SHOES	NAME PLATES	PORTLAND CEMENT MORTAR FAIRING COURSE	WOOD RAIL	FULL LANE SEALANT WATERPROOFING SYSTEM (SPECIAL)	
	20300100 CU YD	28100107 SQ YD	28200200 SQ YD	50100100 EACH	50200100 CU YD	50201101 EACH	50201102 EACH	50300225 CU YD	50300280 CU YD	50400305 SQ FT	50800205 POUND	50901720 FOOT	51200957 FOOT	51202305 FOOT	51203200 EACH	51204650 EACH	51500100 EACH	58300100 FOOT	X6640632 FOOT	XXXXXXX SQ YD	
WOLF LAKE BOULEVARD																					
STA. 300+00 TO 306+00																					
STA. 306+00 TO 312+00																					
STA. 312+00 TO 318+00																					
STA. 318+00 TO 324+00																					
STA. 324+00 TO 330+00																					
STA. 330+00 TO 336+00																					
STA. 336+00 TO 342+00																					
STA. 342+00 TO 348+00																					
STA. 348+00 TO 354+00																					
STA. 354+00 TO 360+00																					
STA. 360+00 TO 366+00																					
STA. 366+00 TO 372+00																					
STA. 372+00 TO 378+00																					
STA. 378+00 TO 384+00																					
STA. 384+00 TO 390+00																					
STA. 390+00 TO 396+00																					
STA. 396+00 TO 402+00																					
STA. 402+00 TO 408+00																					
STA. 408+00 TO 414+00																					
STA. 414+00 TO 420+00																					
STA. 420+00 TO 426+00																					
STA. 426+00 TO 432+00																					
STA. 432+00 TO 438+00																					
STA. 438+00 TO 444+00	65	133	133	1	74	1	1	17.3	3.7	528	2,800	72	270	270	2	8	1	99	32	59	
STA. 444+00 TO 450+00																					
STA. 450+00 TO 456+00																					
STA. 456+00 TO 460+29																					
<b>TOTAL</b>	<b>65</b>	<b>133</b>	<b>133</b>	<b>1</b>	<b>74</b>	<b>1</b>	<b>1</b>	<b>17.3</b>	<b>3.7</b>	<b>528</b>	<b>2,800</b>	<b>72</b>	<b>270</b>	<b>270</b>	<b>2</b>	<b>8</b>	<b>1</b>	<b>99</b>	<b>32</b>	<b>59</b>	



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

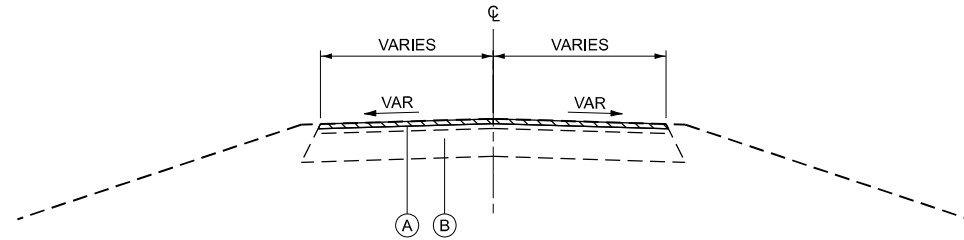
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
 WILLIAM POWERS STATE PARK**

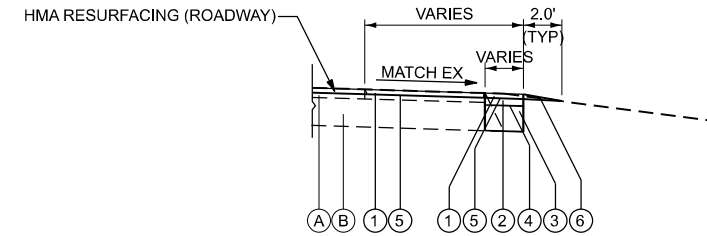
SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	13
			CONTRACT NO. 46952	
		ILLINOIS FED. AID PROJECT		

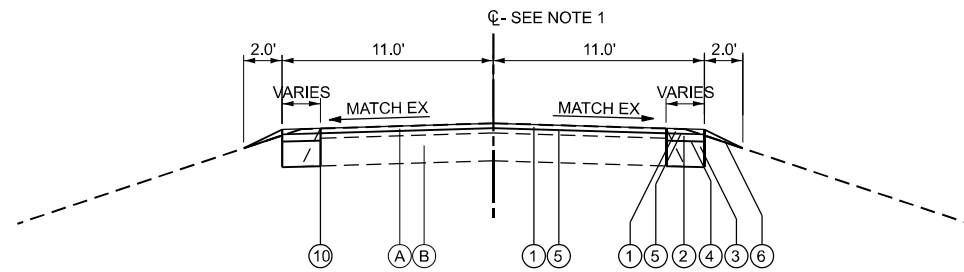
MODEL: Typical Section [Sheet]  
 FILE NAME: p:\farnsworth\p-w.bentley.com\iam-pw-01\Documents\2023\01543.006 - PTB 21P-034 IDOT-IDNR William Powers SRAV04 Drawings\IGN\CAD\_Sheets\04\_Typical Sections\02301543-sit-typicals.dgn



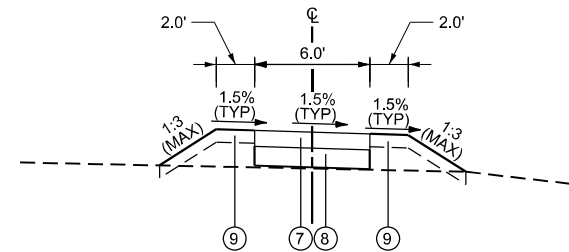
**EXISTING WOLF LAKE BOULEVARD**  
 STA 300+00.00 TO STA 394+00.00



**PROPOSED HMA PARKING LOT RESURFACING**  
 EXISTING HMA PARKING LOTS



**PROPOSED WOLF LAKE BOULEVARD (HMA RESURFACING AND WIDENING)**  
 STA 300+29.55 TO STA 319+92.01  
 STA 322+16.88 TO STA 393+49.04  
 STA 393+57.42 TO STA 394+00.00



**PROPOSED SIDEWALK**  
 STA 50+00.00 TO STA 54+48.39  
 STA 54+75.07 TO STA 63+77.22  
 STA 64+30.97 TO STA 69+19.08

**EXISTING LEGEND**

- (A) HMA PAVEMENT - 2" TO 3.75"
- (B) AGGREGATE BASE
- [Hatched Box] HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"

**PROPOSED LEGEND**

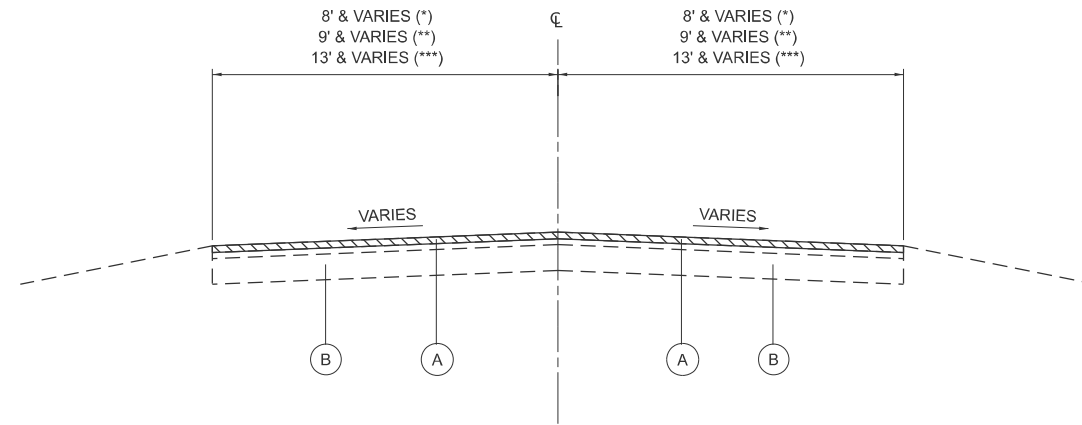
- (1) HMA SURFACE COURSE, IL-9.5, MIX "D" N50 - 1 1/2"
- (2) HMA BINDER COURSE, IL-19.0, N50 - 2 1/4"
- (3) AGGREGATE BASE COURSE, TYPE B 8"
- (4) BITUMINOUS MATERIALS (PRIME COAT)
- (5) BITUMINOUS MATERIALS (TACK COAT)
- (6) AGGREGATE WEDGE SHOULDER, TYPE B
- (7) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (8) AGGREGATE BASE COURSE, TYPE B 6"
- (9) TOPSOIL FURNISH AND PLACE, 4"
- (10) STRIP REFLECTIVE CRACK CONTROL TREATMENT

**NOTES**

1. PROPOSED PAVEMENT WIDENING IS NOT CENTERED ALONG THE ROADWAY ALIGNMENT FROM STA 376+50.46 TO 393+27.30. SEE PLANS FOR ADDITIONAL DETAILS.

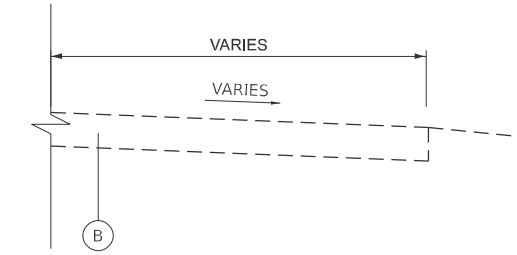
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	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	14
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



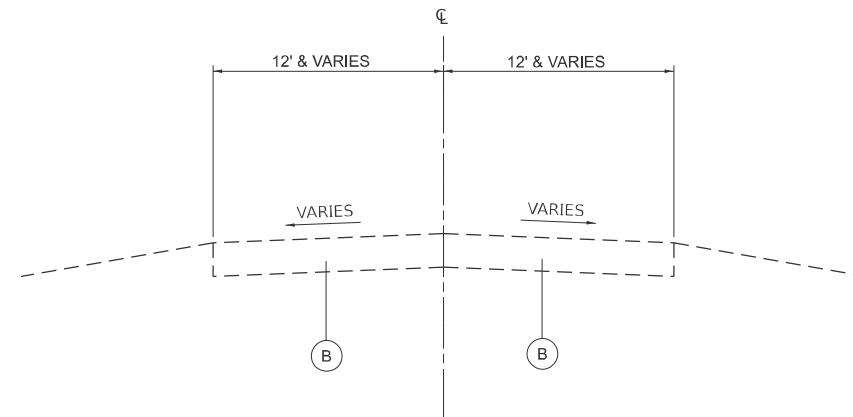
**EXISTING TYPICAL  
PARK ROADS - NORTH OF STRUCTURE**

STA. 394+00.00 TO STA. 404+00.00 (\*\*)  
 STA. 404+00.00 TO STA. 406+16.97 (\*)  
 STA. 406+16.97 TO STA. 412+64.55 (\*\*\*)  
 STA. 412+64.55 TO STA. 440+74.57 (\*\*)



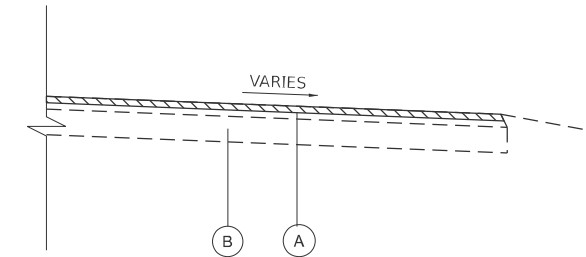
**EXISTING TYPICAL  
AGGREGATE PULL-OFFS**

PULL-OFF D, E, F, G, H, I, J, K, L



**EXISTING TYPICAL  
PARK ROADS - SOUTH OF STRUCTURE**

STA. 440+74.57 TO STA. 460+28.73



**EXISTING TYPICAL  
HMA PARKING LOTS**

PARKING LOT #11 - STA. 10+00 TO STA. 17+47.03  
 PARKING LOT #12

**LEGEND**

- (A) EX HMA PAVEMENT - 2" TO 3.75"
- (B) EX AGGREGATE BASE
- (1) PR HMA SURFACE COURSE, IL-9.5, MIX "D" N50 - 1 1/2"
- (2) PR HMA BINDER COURSE, IL-19.0, N50 - 2 1/4"
- (3) PR AGGREGATE BASE COURSE, TYPE B 8"
- (4) BITUMINOUS MATERIALS (PRIME COAT)
- (5) BITUMINOUS MATERIALS (TACK COAT)
- (6) PR AGGREGATE WEDGE SHOULDER, TYPE B
- (7) PR PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (8) PR AGGREGATE BASE COURSE, TYPE B 6"
- (9) TOPSOIL FURNISH AND PLACE, 4"
- (10) AGGREGATE SURFACE COURSE, TYPE A 6" AND VARIES
- [Hatched Box] HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"

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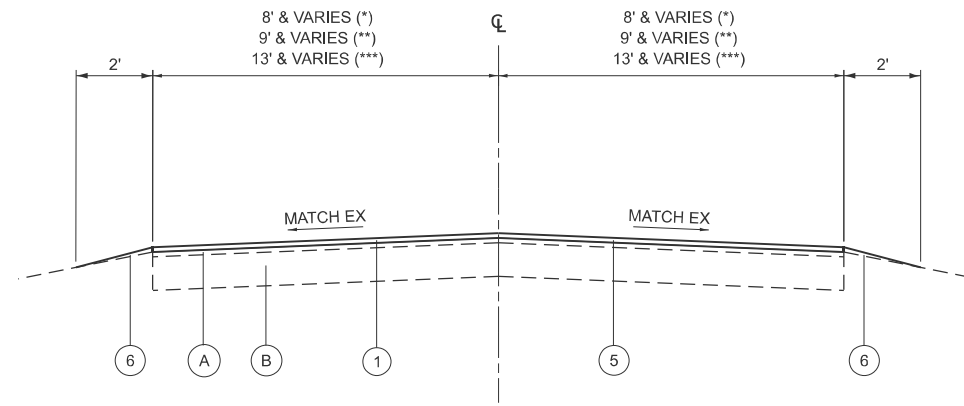


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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

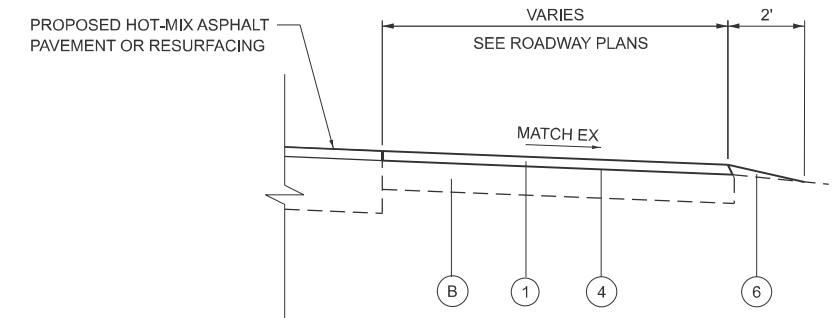
<b>EXISTING TYPICALS WILLIAM POWERS STATE PARK</b>			
SCALE: NTS	SHEET 2	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	15
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



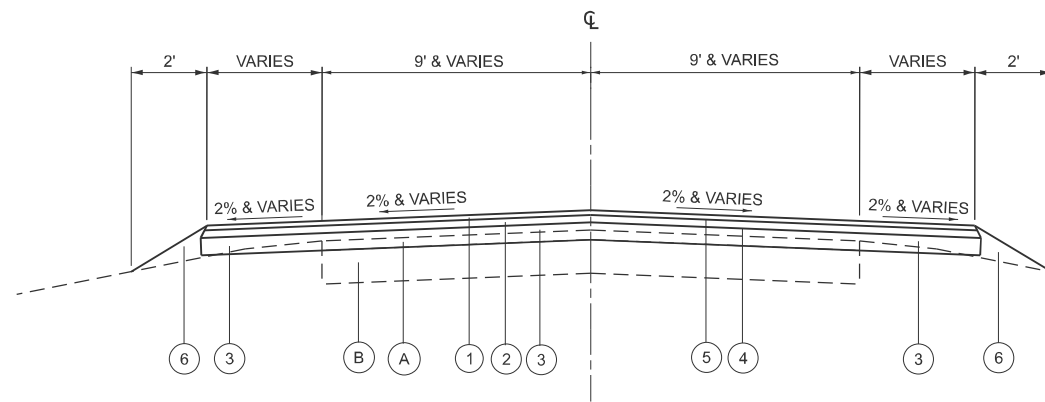
**PROPOSED TYPICAL  
PARK ROADS - NORTH OF STRUCTURE**

STA. 394+00.00 TO STA. 404+00.00 (\*\*)  
 STA. 404+00.00 TO STA. 406+16.97 (\*)  
 STA. 406+16.97 TO STA. 412+64.55 (\*\*\*)  
 STA. 412+64.55 TO STA. 439+50.00 (\*\*)



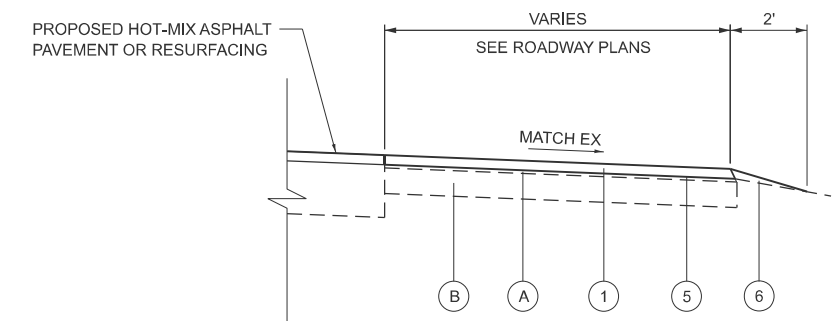
**PROPOSED TYPICAL  
AGGREGATE PULL-OFFS**

PULL-OFF D, E, F, G, H, I, J, K, L



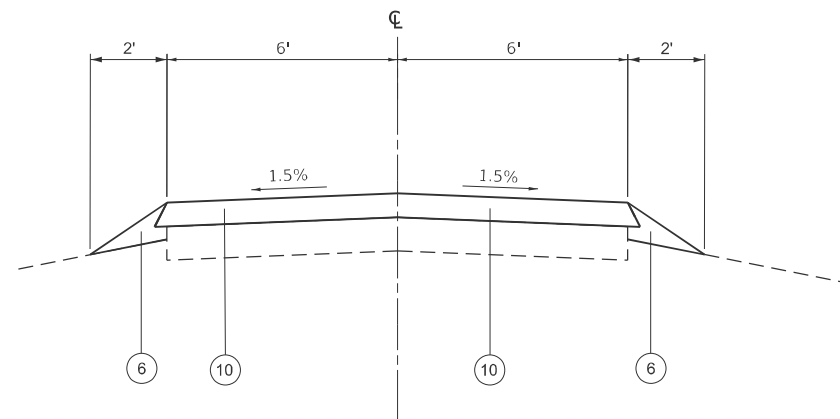
**PROPOSED TYPICAL  
PARK ROADS - NORTH OF STRUCTURE**

STA. 439+50.00 TO STA. 440+79.00  
 BRIDGE OMISSION: STA 440+79.00 TO STA 441+14.44



**PROPOSED TYPICAL  
HMA PARKING LOTS**

PARKING LOT #11  
 PARKING LOT #12



**PROPOSED TYPICAL  
PARK ROADS - SOUTH OF STRUCTURE**

STA. 441+14.44 TO STA. 460+28.73

**LEGEND**

- (A) EX HMA PAVEMENT - 2" TO 3.75"
- (B) EX AGGREGATE BASE
- (1) PR HMA SURFACE COURSE, IL-9.5, MIX "D" N50 - 1 1/2"
- (2) PR HMA BINDER COURSE, IL-19.0, N50 - 2 1/4"
- (3) PR AGGREGATE BASE COURSE, TYPE B 8"
- (4) BITUMINOUS MATERIALS (PRIME COAT)
- (5) BITUMINOUS MATERIALS (TACK COAT)
- (6) PR AGGREGATE WEDGE SHOULDER, TYPE B
- (7) PR PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (8) PR AGGREGATE BASE COURSE, TYPE B 6"
- (9) TOPSOIL FURNISH AND PLACE, 4"
- (10) AGGREGATE SURFACE COURSE, TYPE A 6"
- (Hatched) HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"

MODEL: Pr\_Typicals (Sheet)  
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USER NAME = marcus.mconachle	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

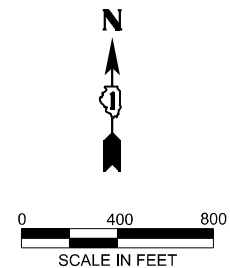
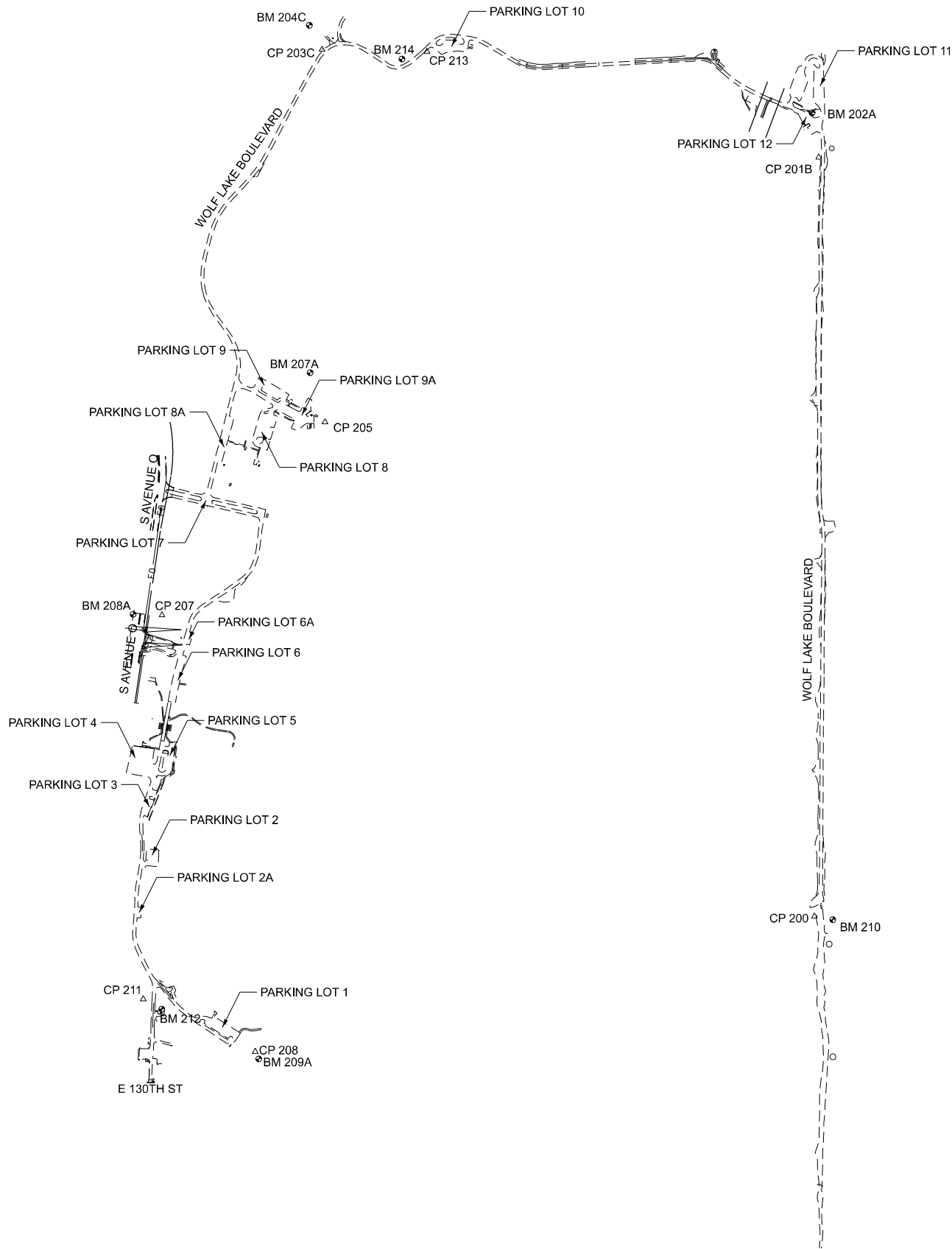
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICALS WILLIAM POWERS STATE PARK</b>			
SCALE: NTS	SHEET 3	OF 3 SHEETS	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	16
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

CONTROL POINTS			
Point	Northing	Easting	Elevation
PT #	NORTHING	EASTING	ELEVATION
200	1820333.818	1205044.391	583.81
201B	1824628.309	1205068.473	584.58
203C	1825238.463	1202257.886	586.09
205	1823130.529	1202274.421	584.36
207	1822038.467	1201352.211	584.10
208	1819568.904	1201880.130	582.88
211	1819865.967	1201246.524	584.67
213	1825226.690	1202851.455	587.16

BENCHMARKS			
Point	Northing	Easting	Elevation
PT #	NORTHING	EASTING	ELEVATION
202A	1824881.137	1205030.339	585.80
204C	1825375.922	1202186.427	588.00
207A	1823410.194	1202190.917	585.18
208A	1822042.916	1201188.988	586.33
209A	1819527.343	1201899.724	583.05
210	1820315.244	1205148.291	586.95
212	1819808.899	1201350.984	585.54
214	1825184.600	1202710.647	589.10



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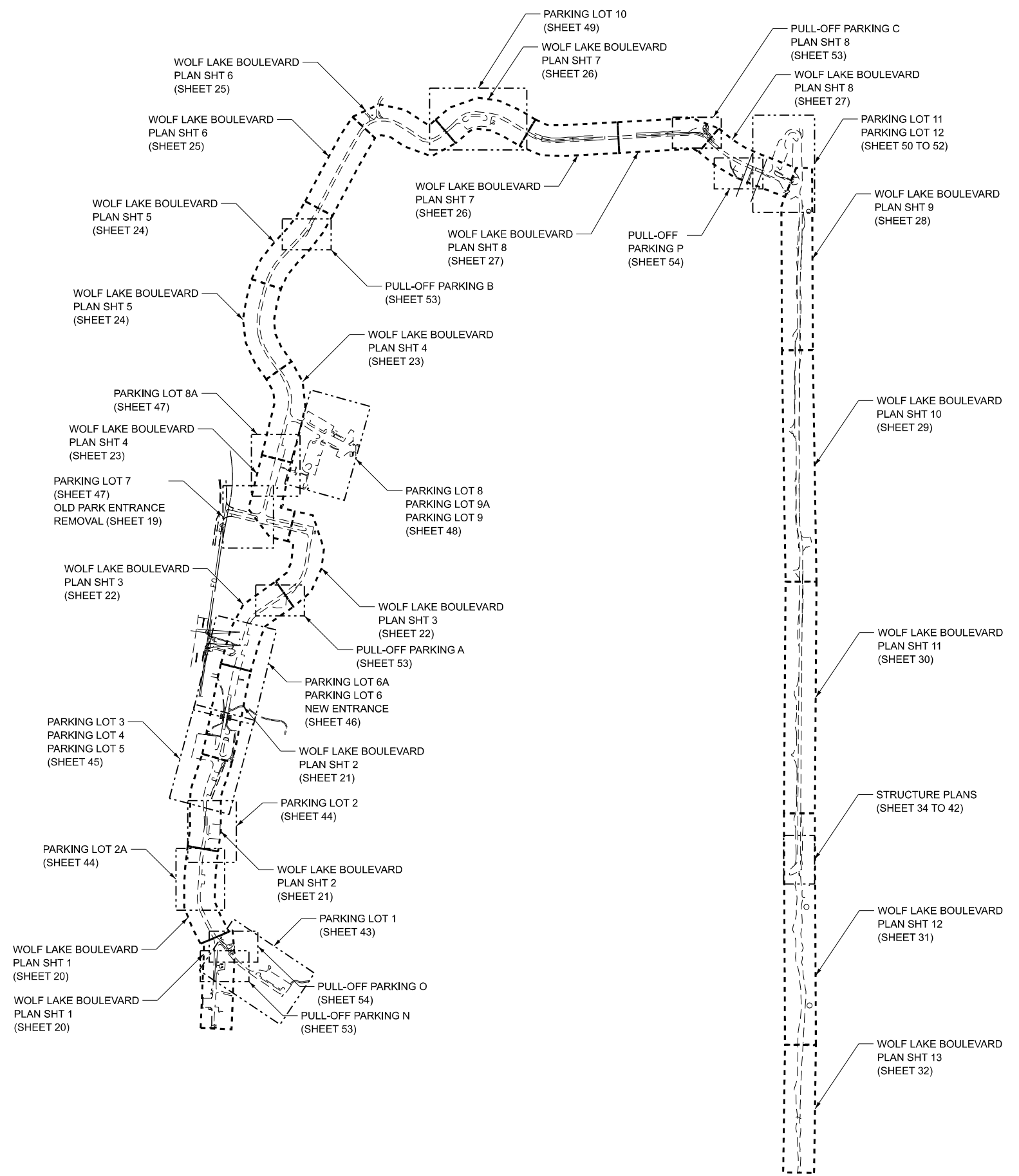
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONTROL POINTS AND BENCHMARKS  
WILLIAM POWERS STATE PARK**

SCALE: 1"=400'      SHEET 1 OF 1 SHEETS      STA.      TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	17
CONTRACT NO. 46952				
ILLINOIS		FED. AID PROJECT		



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	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

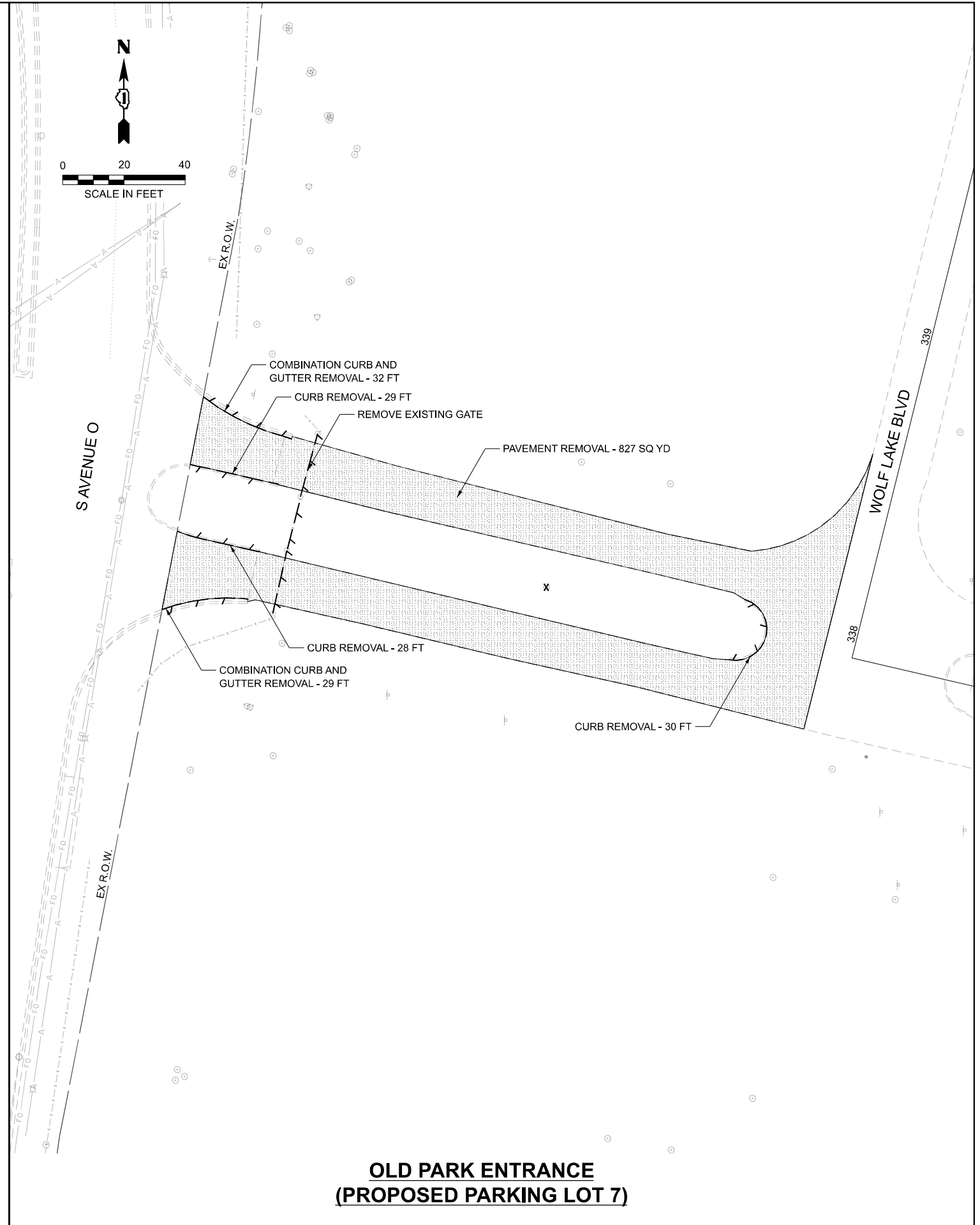
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**OVERVIEW SITE PLAN**  
**WILLIAM POWERS STATE PARK**

SCALE: 1"=400'      SHEET 1 OF 1 SHEETS      STA.      TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	18
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: RemovalPlan  
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**OLD PARK ENTRANCE  
 (PROPOSED PARKING LOT 7)**



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

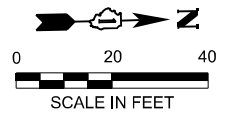
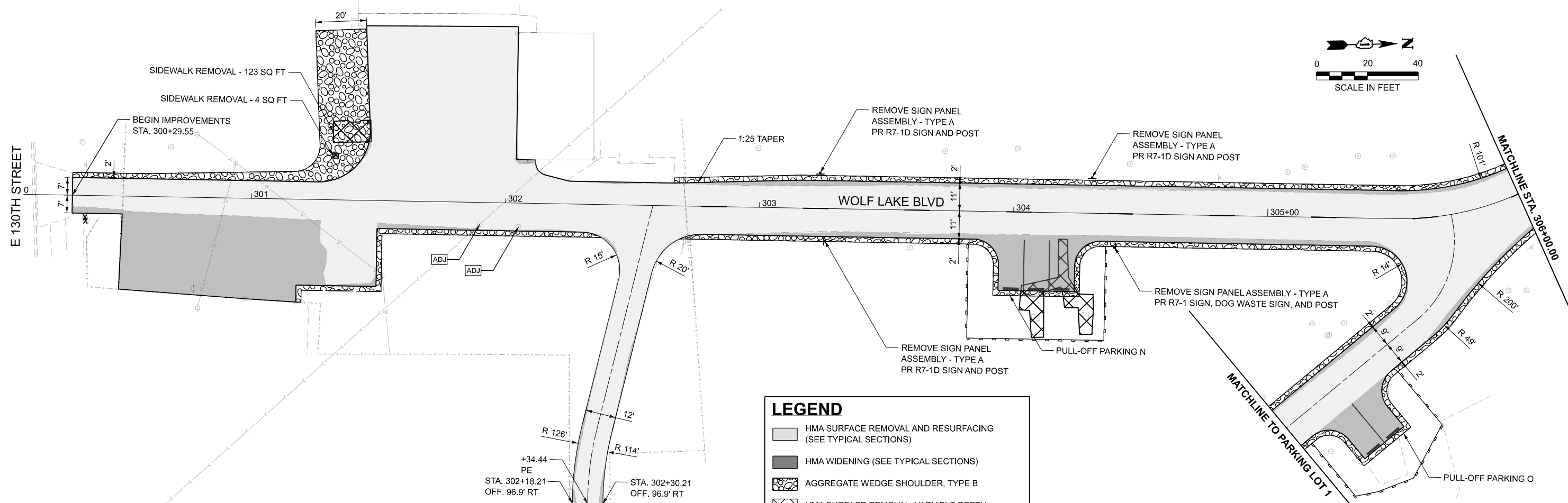
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN  
 WILLIAM POWERS STATE PARK**

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

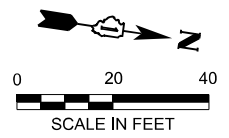
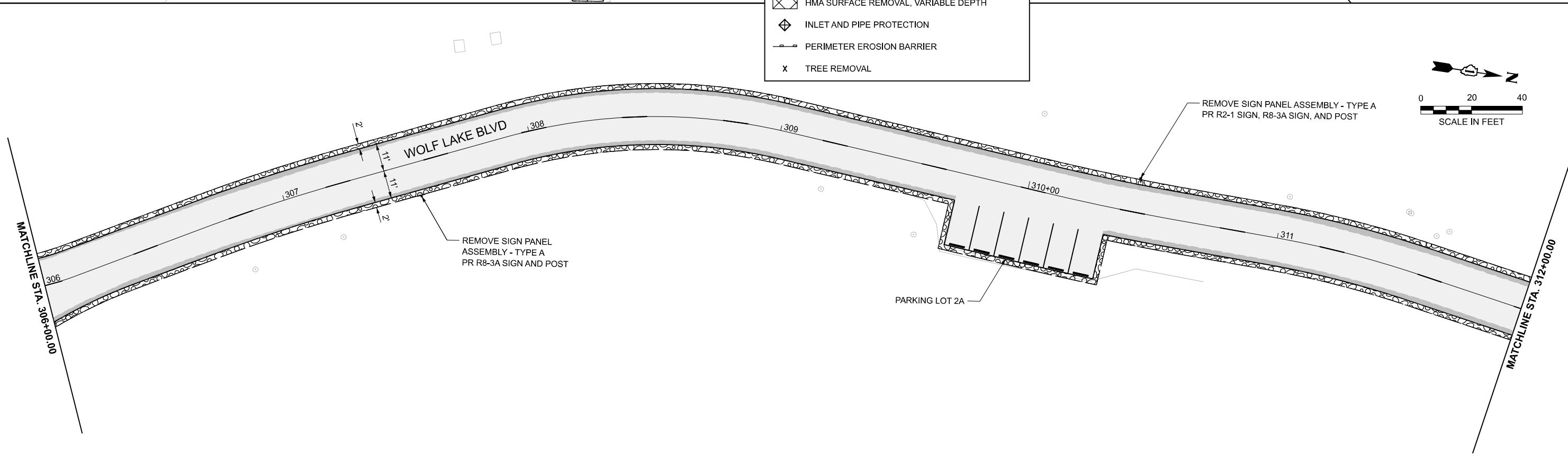
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	19
			CONTRACT NO. 46952	
		ILLINOIS	FED. AID PROJECT	

MODEL: EX\_WOLF LAKE - Plan 1  
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**LEGEND**

- HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
- HMA WIDENING (SEE TYPICAL SECTIONS)
- AGGREGATE WEDGE SHOULDER, TYPE B
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TREE REMOVAL



**Farnsworth GROUP**  
 2211 BRADLEY AVENUE  
 CHAMPAIGN, ILLINOIS 61821  
 (217) 352-7408 / info@f-w.com

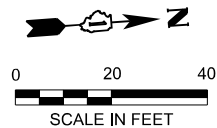
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WOLF LAKE BOULEVARD PLAN  
 WILLIAM POWERS STATE PARK**

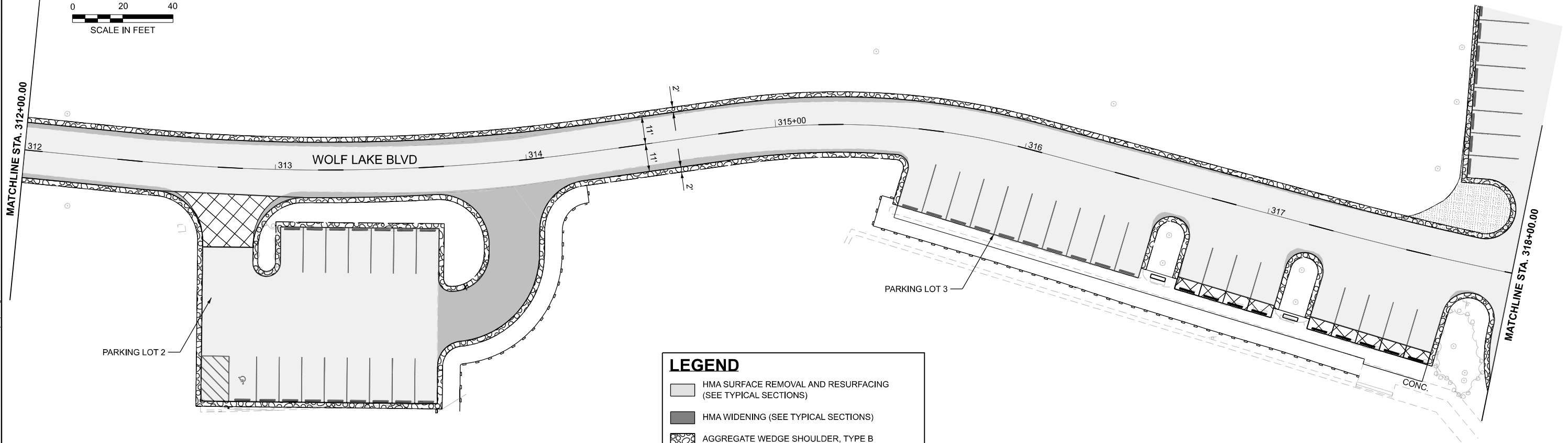
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	20
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



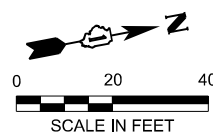
MATCHLINE STA. 312+00.00

MATCHLINE STA. 318+00.00



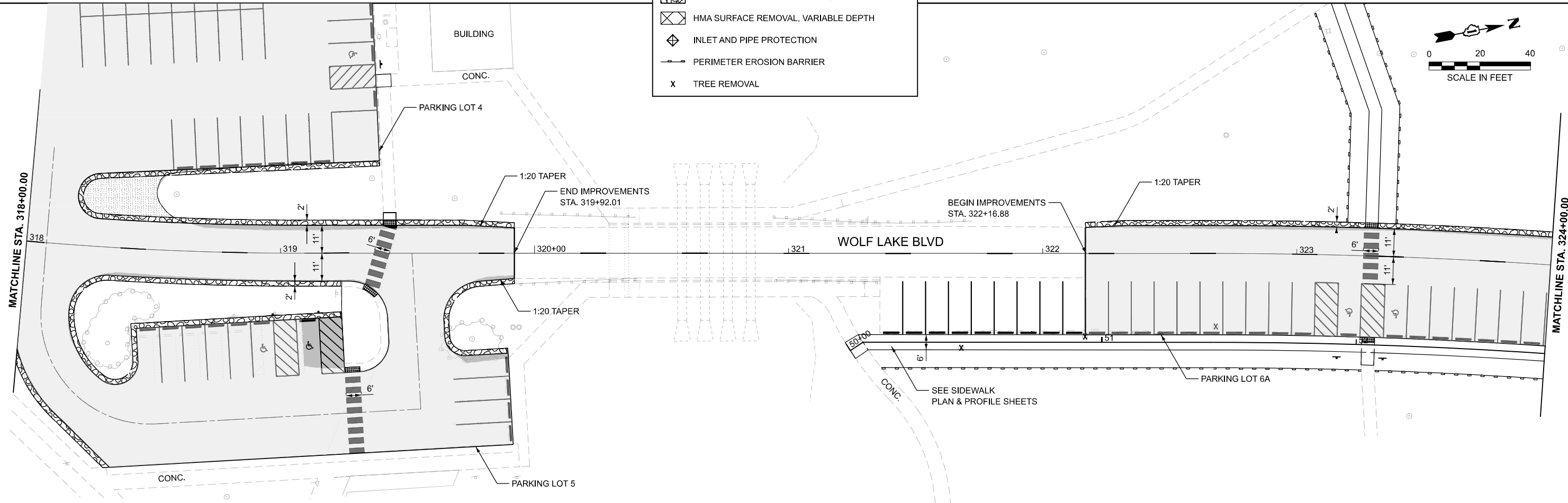
**LEGEND**

- HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
- HMA WIDENING (SEE TYPICAL SECTIONS)
- AGGREGATE WEDGE SHOULDER, TYPE B
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TREE REMOVAL



MATCHLINE STA. 318+00.00

MATCHLINE STA. 324+00.00



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2211 BRADLEY AVENUE  
CHAMPAIGN, ILLINOIS 61821  
(217) 352-7408 / info@f-w.com

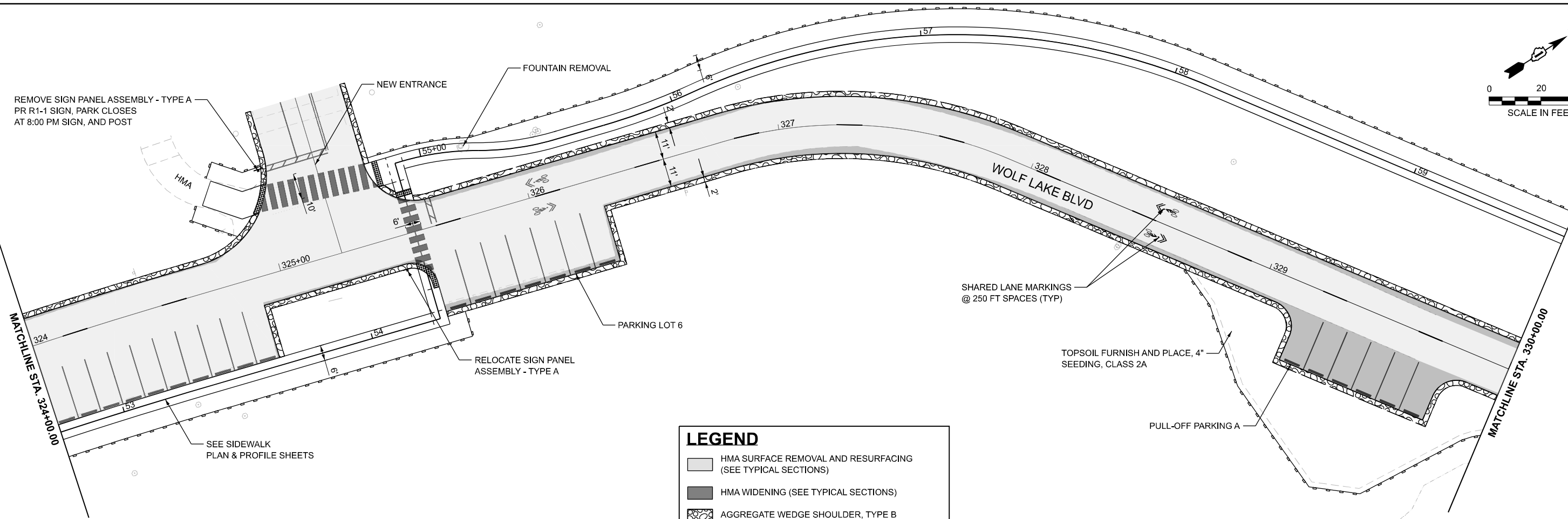
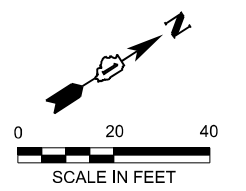
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PLOT DATE = 4/1/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WOLF LAKE BOULEVARD PLAN  
WILLIAM POWERS STATE PARK**

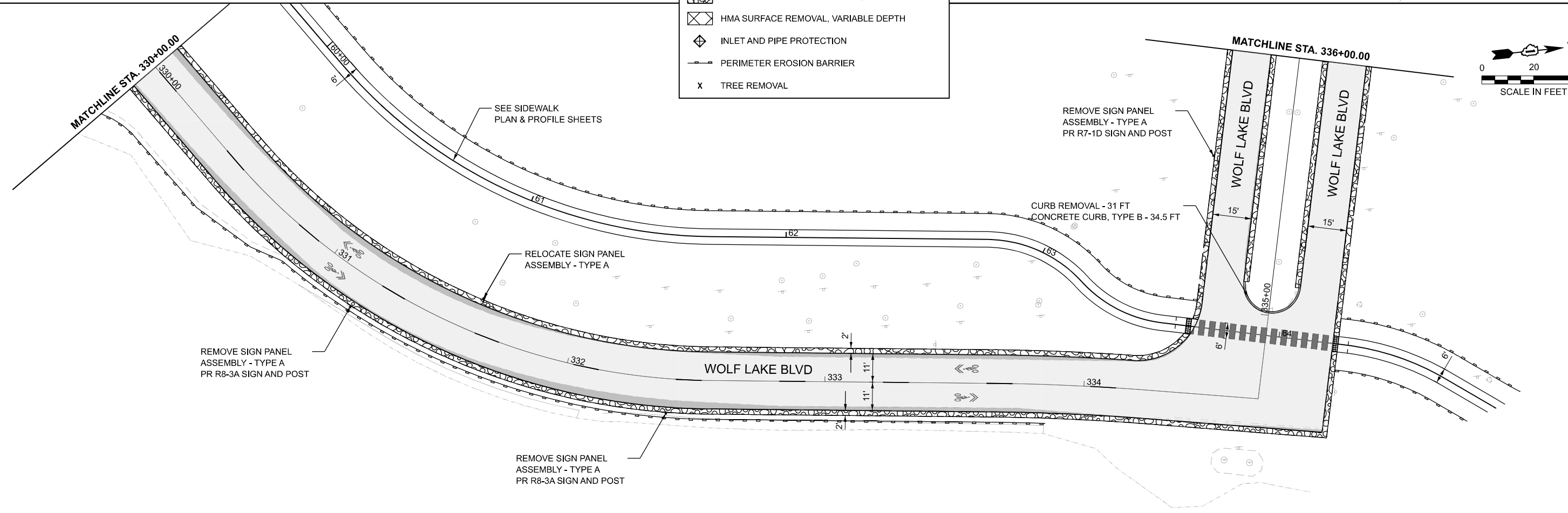
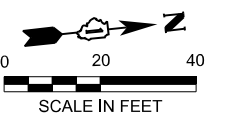
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	21
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
- HMA WIDENING (SEE TYPICAL SECTIONS)
- AGGREGATE WEDGE SHOULDER, TYPE B
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TREE REMOVAL



MODEL: EX\_WOLF LAKE - Plan 5  
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**Farnsworth GROUP**  
 2211 BRADLEY AVENUE  
 CHAMPAIGN, ILLINOIS 61821  
 (217) 352-7408 / info@f-w.com

USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

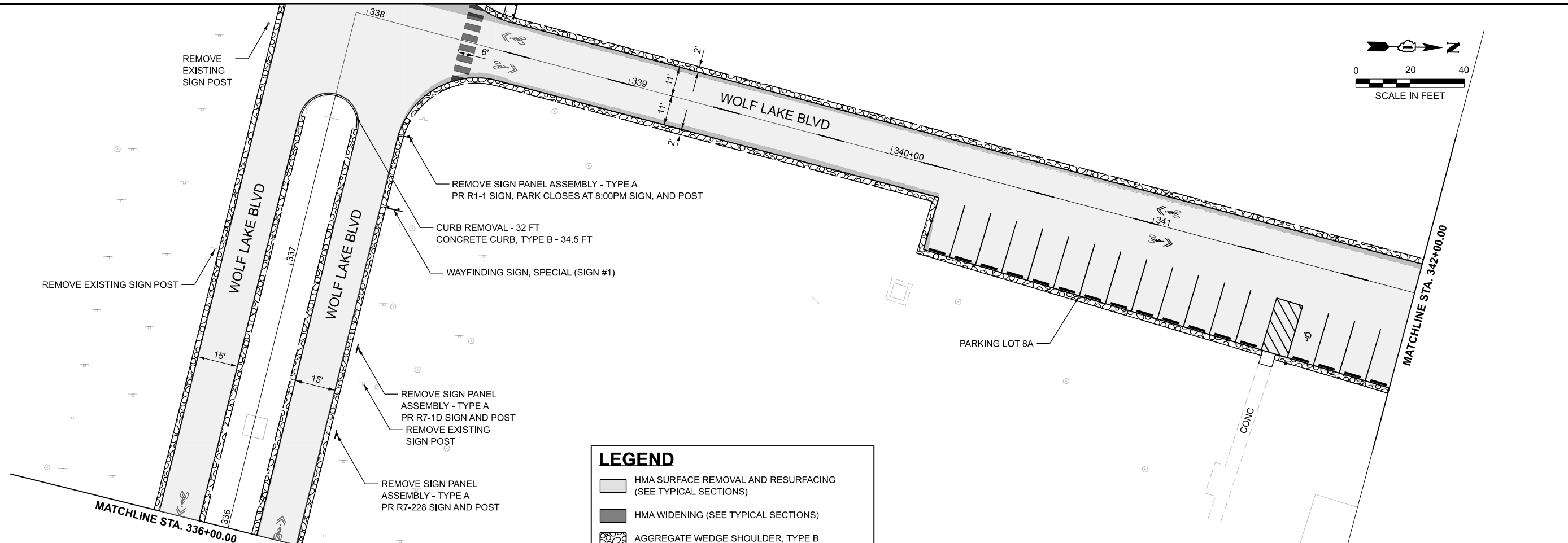
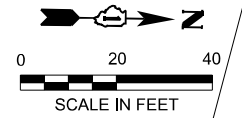
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WOLF LAKE BOULEVARD PLAN**  
**WILLIAM POWERS STATE PARK**

SCALE: 1"=20'      SHEET 3 OF 13 SHEETS      STA. 324+00.00 TO STA. 336+00.00

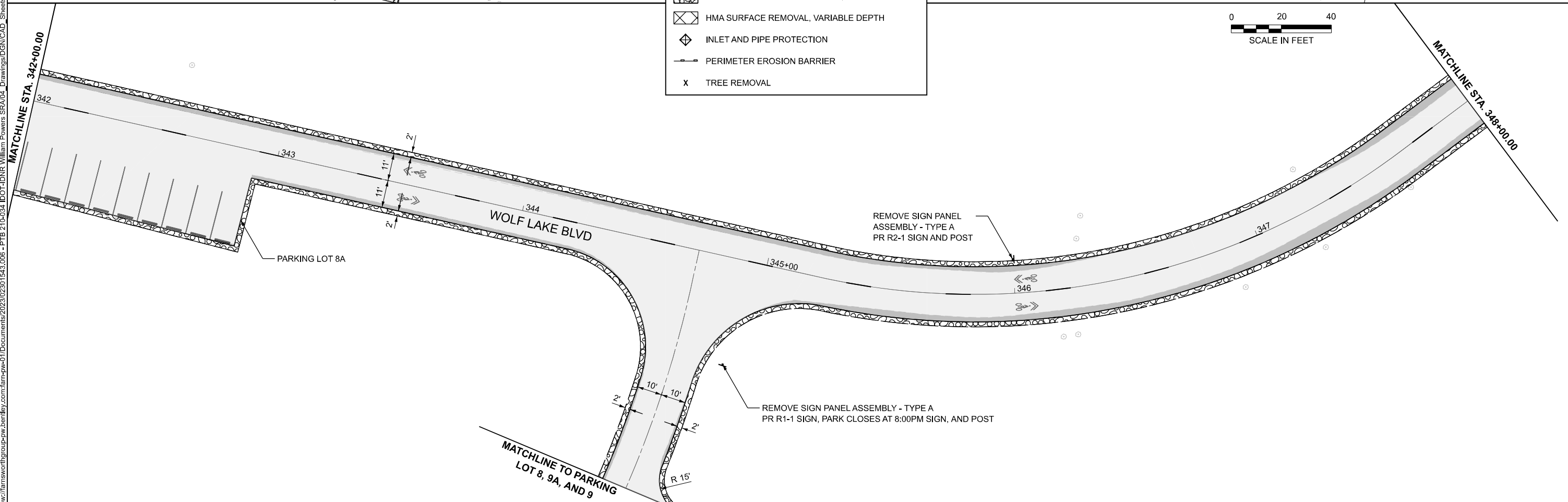
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	22
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: EX\_WOLF LAKE - Plan 7  
 FILE NAME: p:\w\arnsworth\group-pw\arnsworth\pwr\Drawings\IDNR\CAD\_Sheets\07 Plan and Profiles\202301543-sht-4.dgn



**LEGEND**

- HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
- HMA WIDENING (SEE TYPICAL SECTIONS)
- AGGREGATE WEDGE SHOULDER, TYPE B
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TREE REMOVAL



**Farnsworth GROUP**  
 2211 BRADLEY AVENUE  
 CHAMPAIGN, ILLINOIS 61821  
 (217) 352-7408 / info@f-w.com

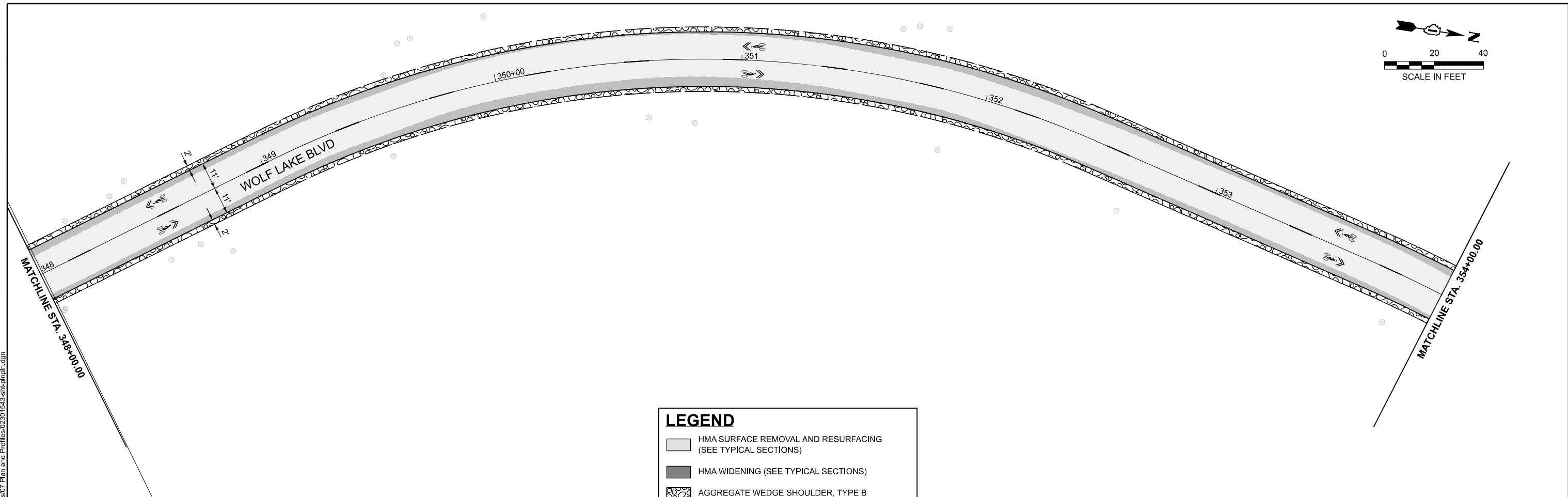
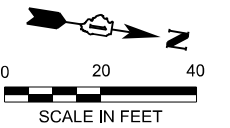
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	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WOLF LAKE BOULEVARD PLAN  
 WILLIAM POWERS STATE PARK**

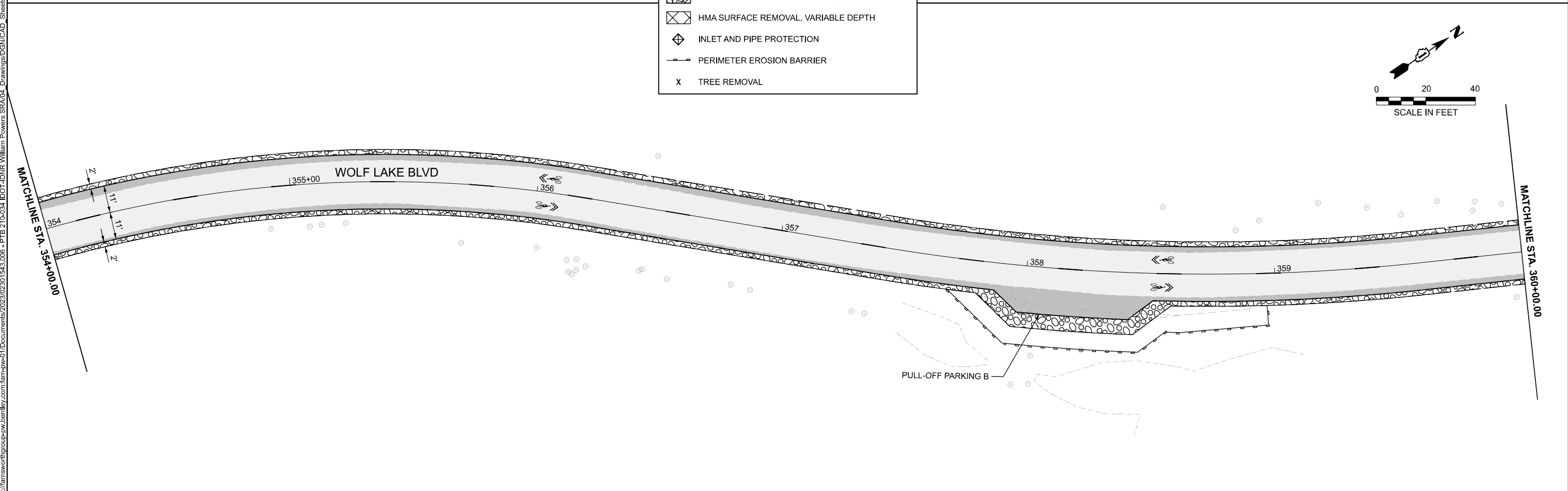
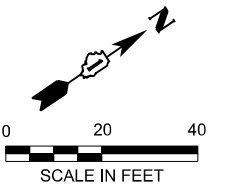
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	23
CONTRACT NO. 46952			ILLINOIS FED. AID PROJECT	



**LEGEND**

- HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
- HMA WIDENING (SEE TYPICAL SECTIONS)
- AGGREGATE WEDGE SHOULDER, TYPE B
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TREE REMOVAL



MODEL: EX\_WOLF LAKE - Plan 9  
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**Farnsworth GROUP**  
 2211 BRADLEY AVENUE  
 CHAMPAIGN, ILLINOIS 61821  
 (217) 352-7408 / info@f-w.com

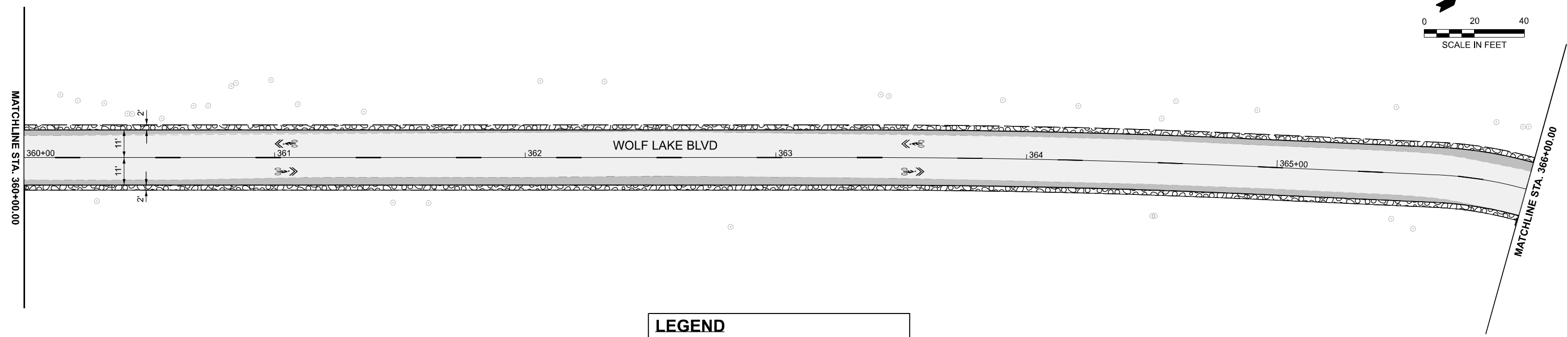
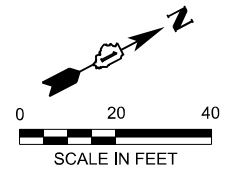
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WOLF LAKE BOULEVARD PLAN**  
**WILLIAM POWERS STATE PARK**

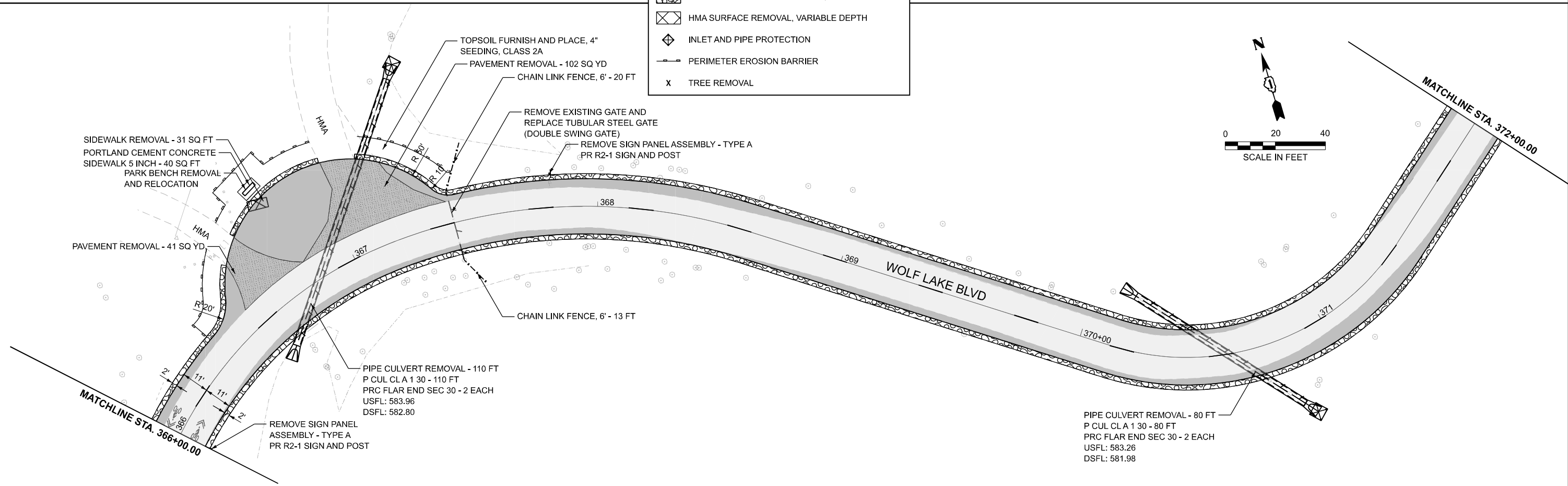
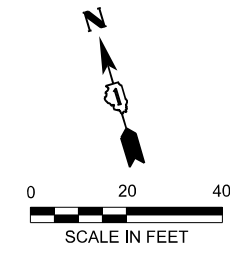
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	24
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
- HMA WIDENING (SEE TYPICAL SECTIONS)
- AGGREGATE WEDGE SHOULDER, TYPE B
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TREE REMOVAL



MODEL: EX\_WOLF LAKE - Plan 11  
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 2211 BRADLEY AVENUE  
 CHAMPAIGN, ILLINOIS 61821  
 (217) 352-7408 / info@f-w.com

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PLOT DATE = 4/1/2026	DATE -	REVISED -

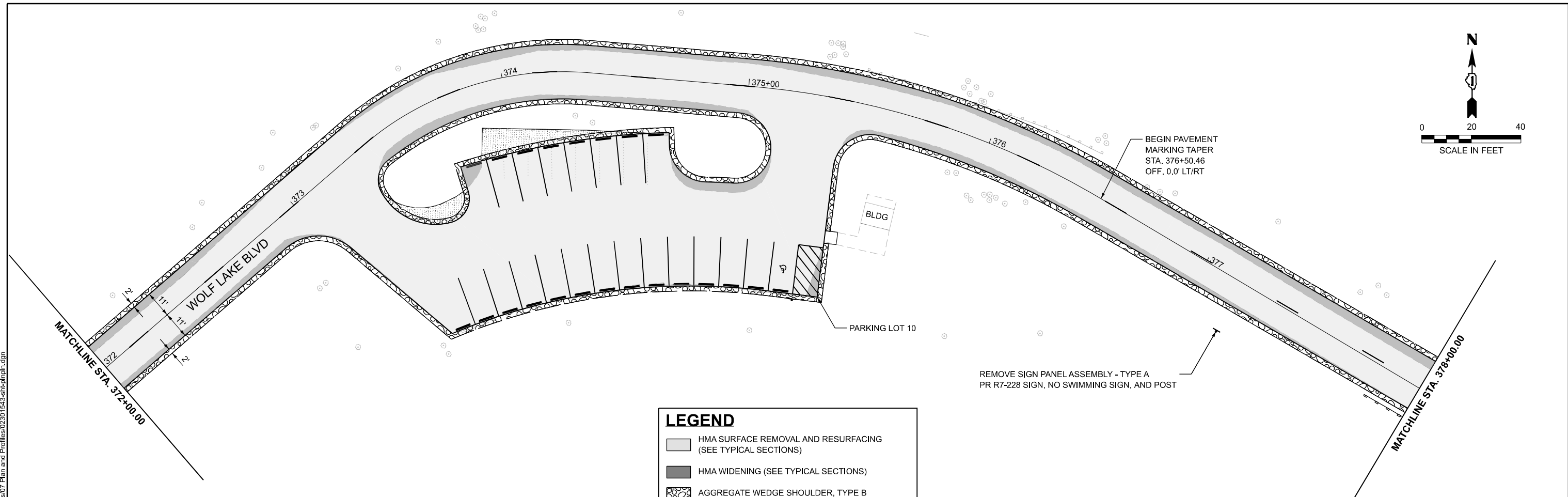
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WOLF LAKE BOULEVARD PLAN**  
**WILLIAM POWERS STATE PARK**

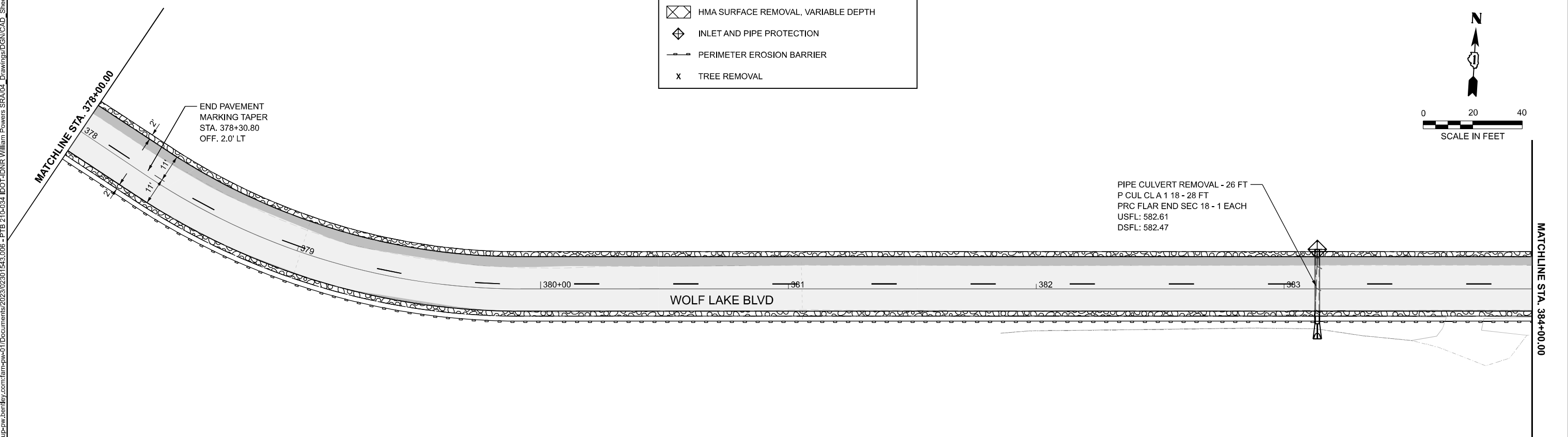
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	25
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: EX\_WOLF LAKE - Plan 13  
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LEGEND	
	HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
	HMA WIDENING (SEE TYPICAL SECTIONS)
	AGGREGATE WEDGE SHOULDER, TYPE B
	HMA SURFACE REMOVAL, VARIABLE DEPTH
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TREE REMOVAL



**Farnsworth GROUP**  
 2211 BRADLEY AVENUE  
 CHAMPAIGN, ILLINOIS 61821  
 (217) 352-7408 / info@f-w.com

USER NAME = marmstrong	DESIGNED - MKB	REVISED -
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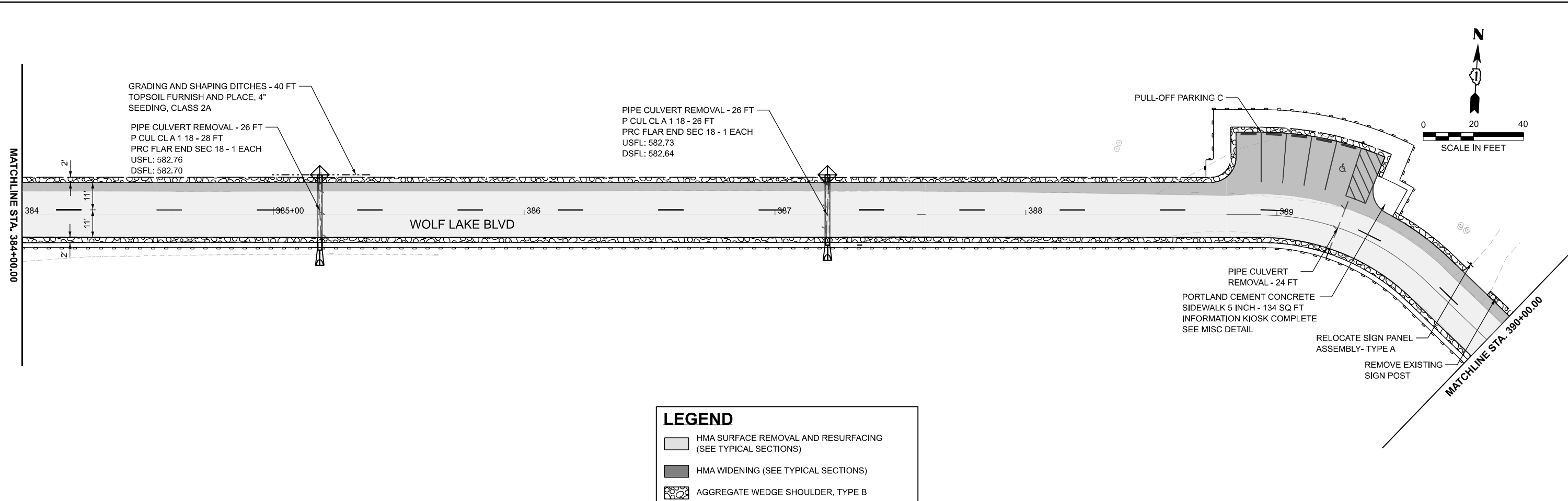
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WOLF LAKE BOULEVARD PLAN  
 WILLIAM POWERS STATE PARK**

SCALE: 1"=20' SHEET 7 OF 13 SHEETS STA. 372+00.00 TO STA. 384+00.00

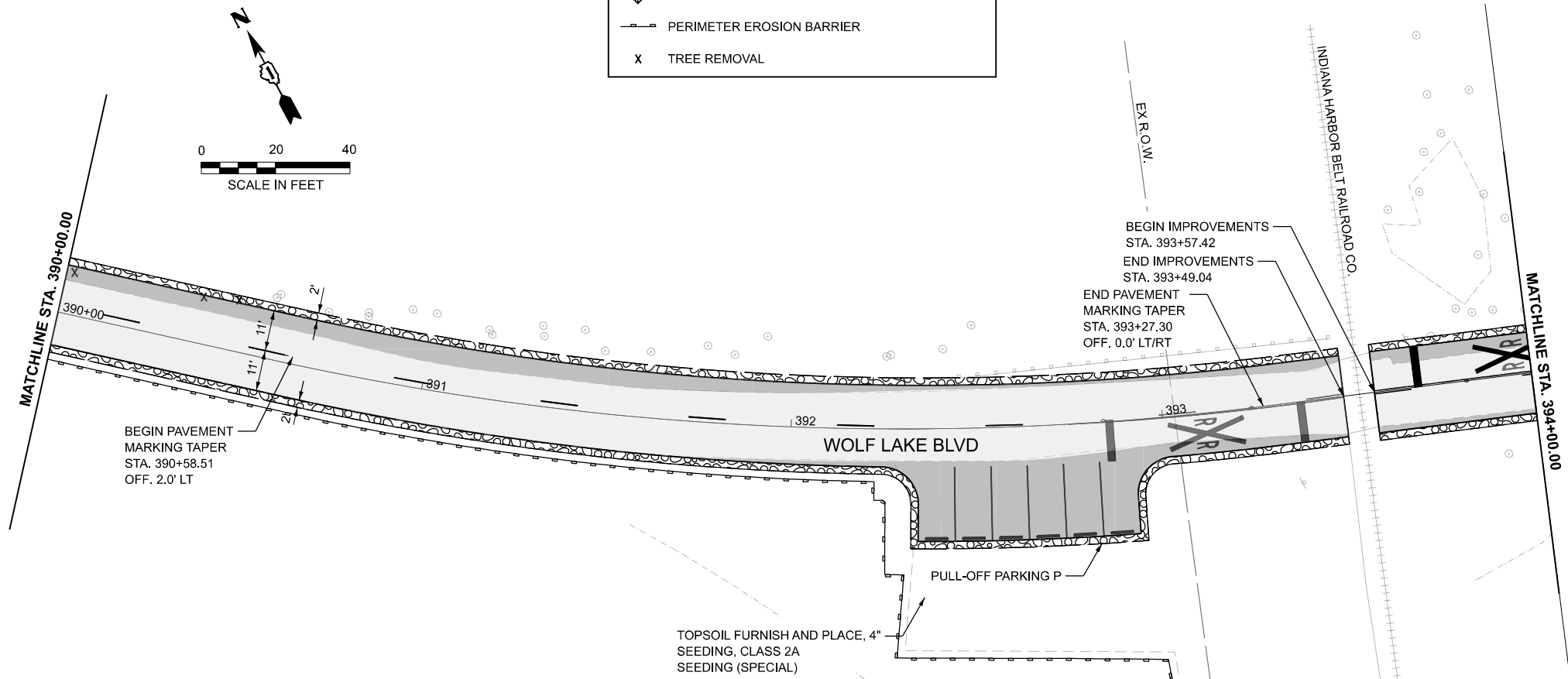
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IDNR	WILLIAM POWERS PAVING	COOK	86	26
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

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**LEGEND**

- HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
- HMA WIDENING (SEE TYPICAL SECTIONS)
- AGGREGATE WEDGE SHOULDER, TYPE B
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TREE REMOVAL



**Farnsworth GROUP**  
 2211 BRADLEY AVENUE  
 CHAMPAIGN, ILLINOIS 61821  
 (217) 352-7408 / info@f-w.com

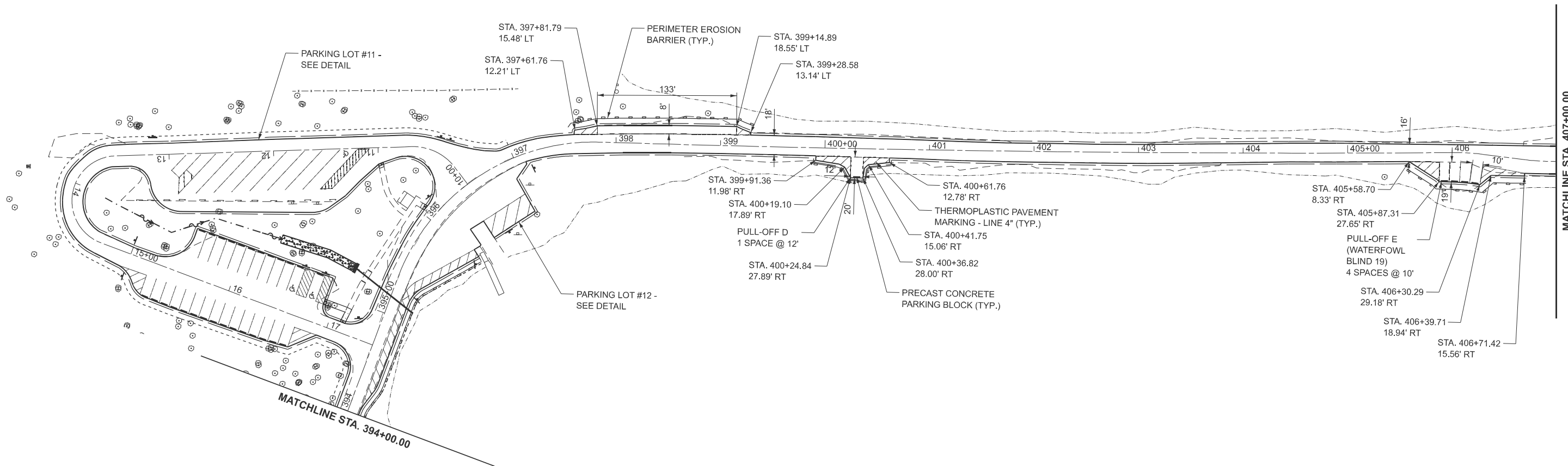
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WOLF LAKE BOULEVARD PLAN  
 WILLIAM POWERS STATE PARK**

SCALE: 1"=20'    SHEET 8 OF 13 SHEETS    STA. 384+00.00 TO STA. 394+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	27
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



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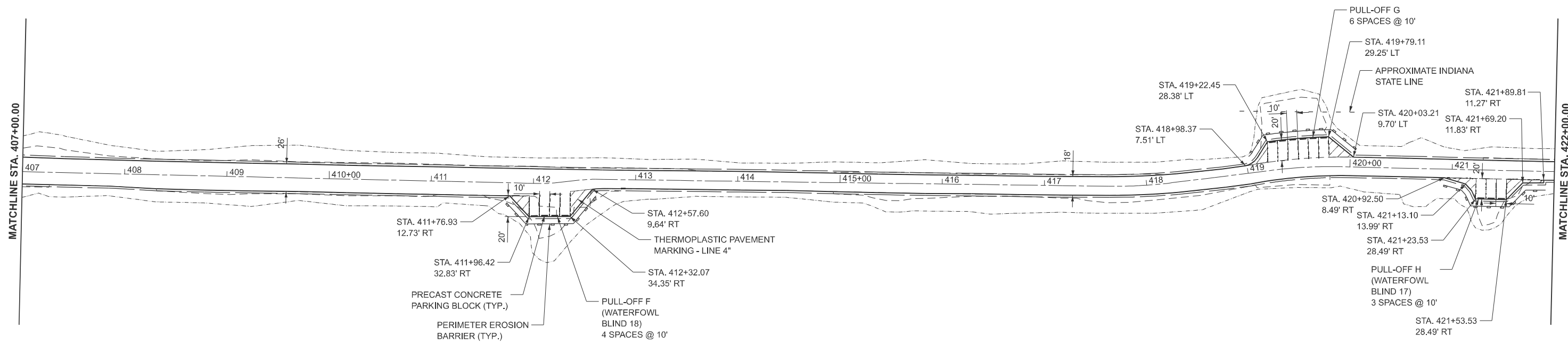
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**  
**WILLIAM POWERS STATE PARK**

SCALE: 1"=50'    SHEET 1 OF 5 SHEETS    STA. 394+00.00 TO STA. 407+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	28
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



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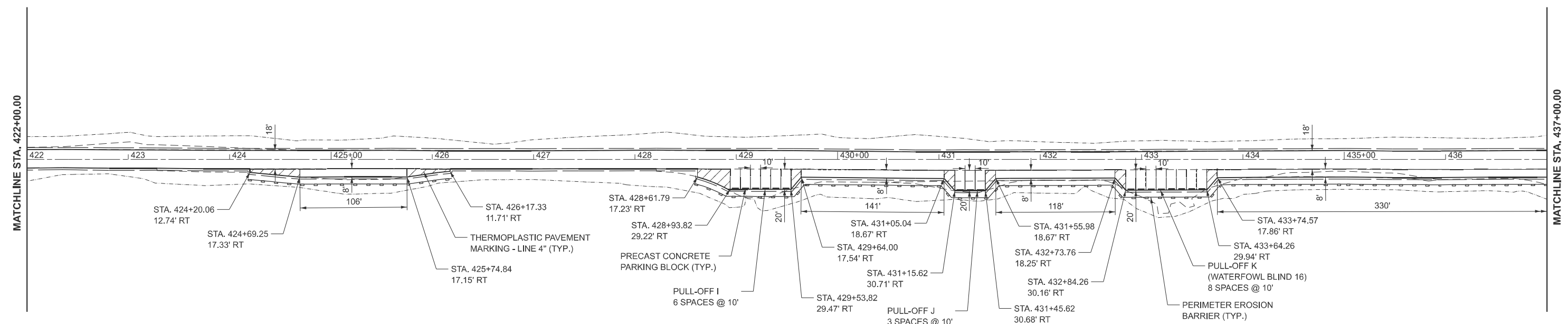
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS  
 WILLIAM POWERS STATE PARK**

SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. 407+00.00 TO STA. 422+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	29
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



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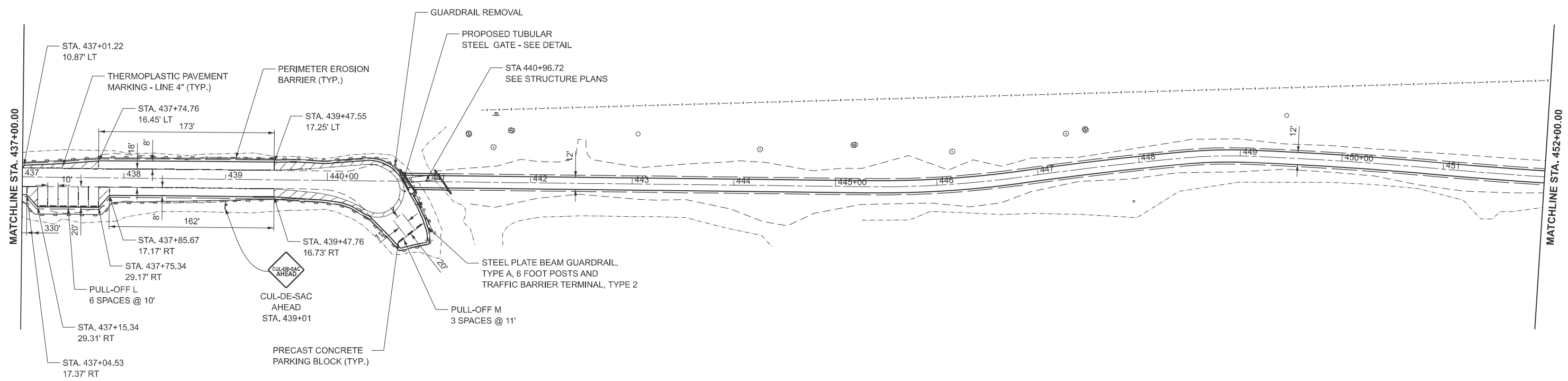
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PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**  
**WILLIAM POWERS STATE PARK**

SCALE: 1"=50'      SHEET 3      OF 5      SHEETS      STA. 422+00.00      TO STA. 437+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	30
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



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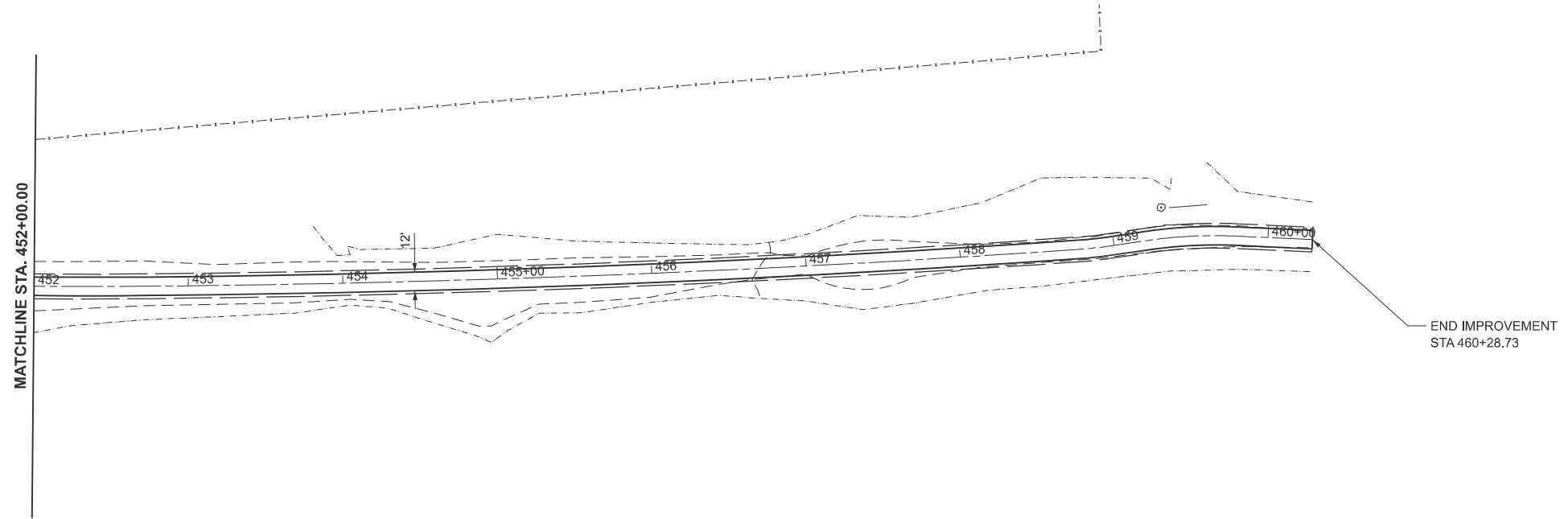
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**  
**WILLIAM POWERS STATE PARK**

SCALE: 1"=50'    SHEET 4 OF 5 SHEETS    STA. 437+00.00 TO STA. 452+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	31
CONTRACT NO. 46952			ILLINOIS FED. AID PROJECT	



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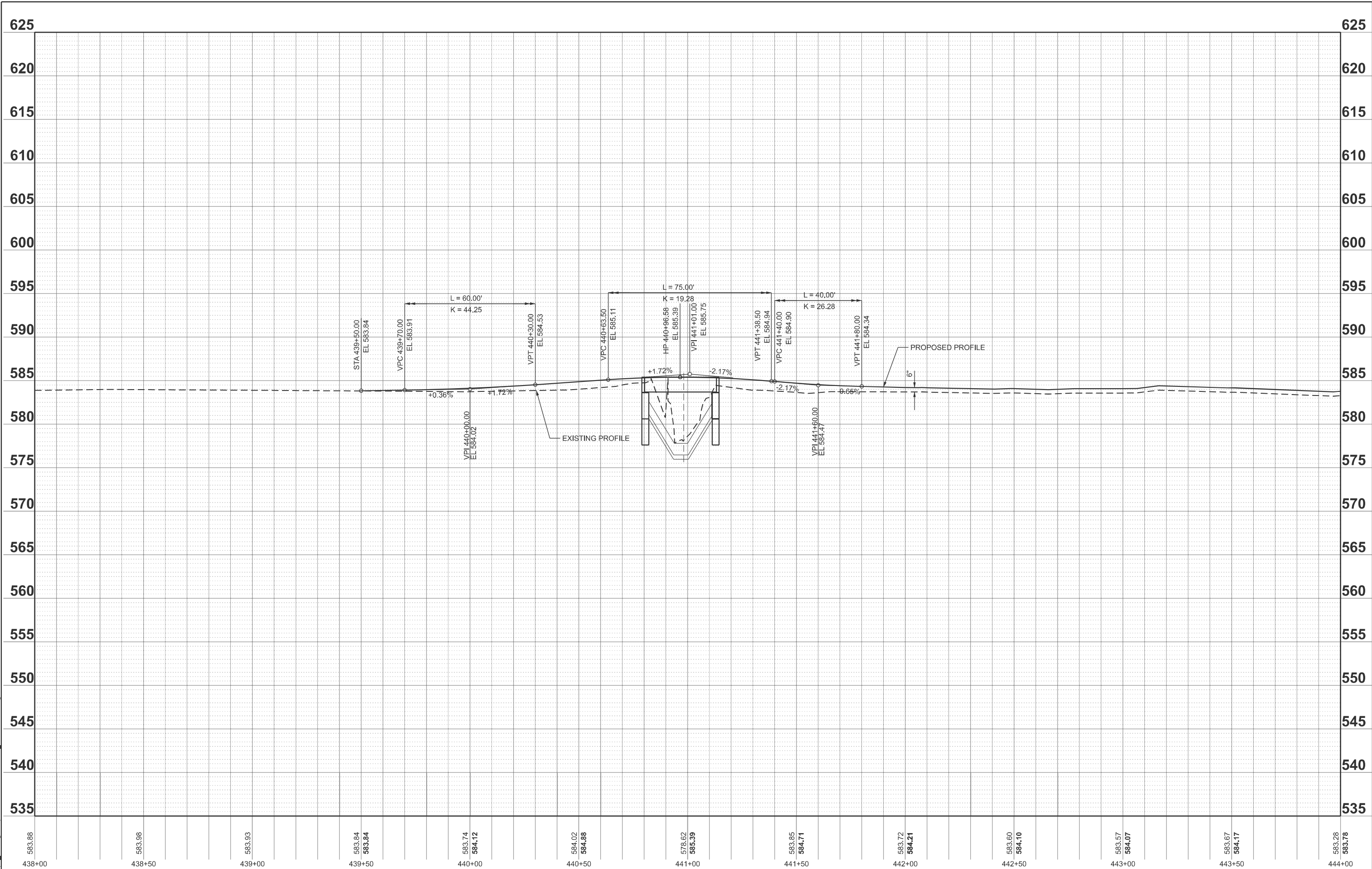
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PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**  
**WILLIAM POWERS STATE PARK**

SCALE: 1"=50'    SHEET 5    OF 5    SHEETS    STA. 452+00.00    TO STA. 467+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	32
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



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438+00	438+50	439+00	439+50	440+00	440+50	441+00	441+50	442+00	442+50	443+00	443+50	444+00										



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PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED PROFILE**  
**WILLIAM POWERS STATE PARK**

SCALE: 1"=20'      SHEET 1 OF 1 SHEETS      STA. 438+00.00 TO STA. 444+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	33
			CONTRACT NO. 46952	
		ILLINOIS FED. AID PROJECT		

Benchmark: Chisled "X" Southwest of restroom in sidewalk corner.

Existing Structure: Truss Superstructure on ground placed in unknown year.  
Road closed for construction.

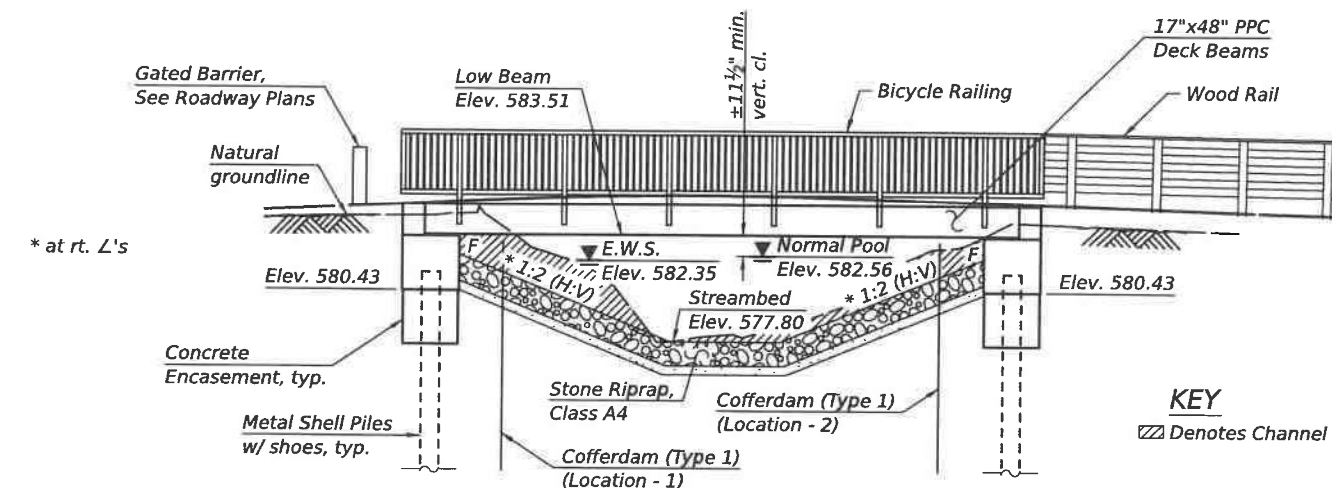
No Salvage.

**GENERAL NOTES**

Reinforcement bars designated (E) shall be epoxy coated.  
Protective coat shall not be applied to surfaces to which  
Waterproofing Membrane System is applied.  
Layout of the slope protection system may be varied to suit  
ground conditions in the field as directed by the Engineer.

**INDEX OF SHEETS**

1. General Plan and Elevation
2. Superstructure Details
3. 17" x 48" PPC Deck Beam
4. 17" x 48" PPC Deck Beam Details
5. Bicycle Railing Details
6. Wood Rail Details
7. Abutments
8. Metal Shell Pile Details
9. Boring Logs



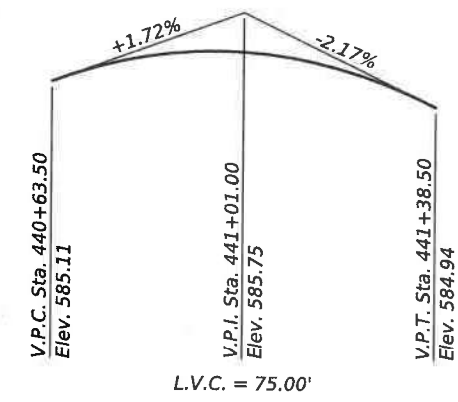
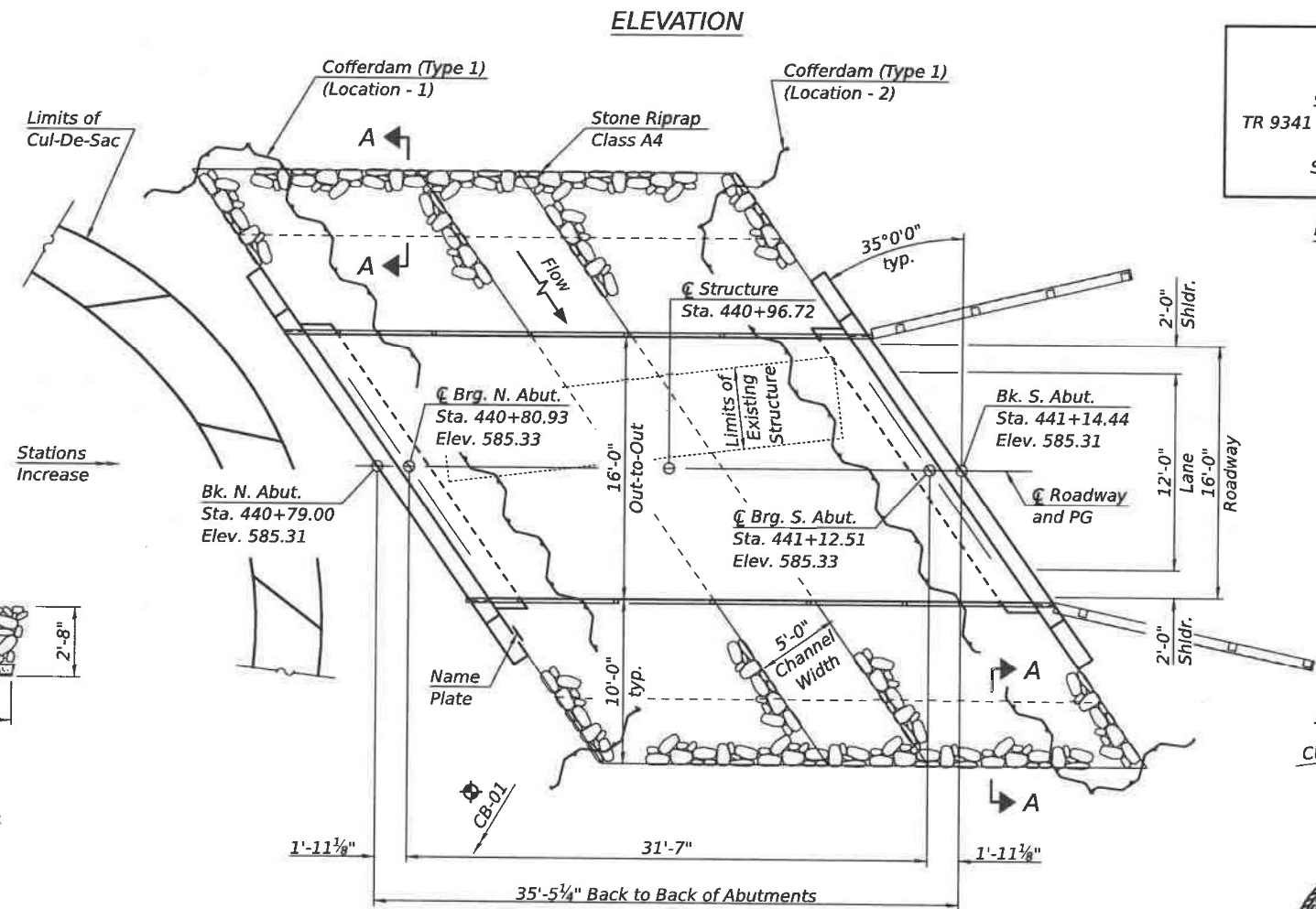
**KEY**  
▨ Denotes Channel Excavation

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu. Yd.		65	65
Stone Riprap, Class A4	Sq. Yd.		133	133
Filter Fabric	Sq. Yd.		133	133
Hot-Mix Asphalt Surface Course, IL-9.5, Mix "D", N50	Ton	9		9
Removal of Existing Structures	Each			1
Structure Excavation	Cu. Yd.		74	74
Cofferdam (Type 1) (Location - 1)	Each		1	1
Cofferdam (Type 1) (Location - 2)	Each		1	1
Concrete Structures	Cu. Yd.		17.3	17.3
Concrete Encasement	Cu. Yd.		3.7	3.7
Precast Prestressed Concrete Deck Beam (17" Depth)	Sq. Ft.	528		528
Reinforcement Bars, Epoxy Coated	Pound		2,800	2,800
Bicycle Railing	Foot	72		72
Furnishing Metal Shell Piles 12" x 0.250"	Foot		270	270
Driving Piles	Foot		270	270
Test Pile Metal Shells	Each		2	2
Pile Shoes	Each		8	8
Name Plates	Each			1
Portland Cement Mortar Fairing Course	Foot	99		99
Wood Rail	Foot	32		32
Full Lane Sealant Waterproofing System (Special)	Sq. Yd.	59		59

STA. 440+96.72  
BUILT 202X BY  
STATE OF ILLINOIS  
TR 9341 SEC. WM POWERS PAVING  
LOADING HL-93  
STR. NO. 016-1441

**NAME PLATE**  
See Std. 515001



**LOADING HL-93**  
Allow 50#/sq. ft. for future wearing surface.

**DESIGN SPECIFICATIONS**  
2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

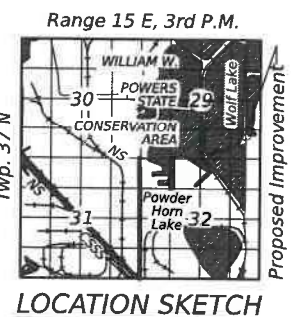
**DESIGN STRESSES**

- FIELD UNITS**
- f'c = 3,500 psi (Substructure)
  - fy = 60,000 psi (Reinforcement)
- PRECAST PRESTRESSED UNITS**
- f'c = 6,000 psi
  - f'ci = 5,000 psi
  - fpu = 270,000 psi ( 1/2" Ø low lax. strands)
  - fpbt = 201,960 psi ( 1/2" Ø low lax. strands)
  - fy = 60,000 psi (Reinforcement)

**PROFILE GRADE**  
(Along Wolf Lake Overview)



Eric Lagemann 3/27/26  
License Expires 11/30/2026 Date



**GENERAL PLAN & ELEVATION**  
**WOLF LAKE OVERVIEW OVER WOLF LAKE**  
**TR 9341 - SECTION WM POWERS PAVING**  
**COOK COUNTY**  
**STATION 440+96.72**  
**STRUCTURE NO. 016-1441**

**WATERWAY INFORMATION**

Drainage Area = 2.67 Sq. Mi. Low Grade Elev. 582.08 @ Sta. 456+69.35

Flood	Freq. Yr.	Q C.F.S.	Opening Ft <sup>2</sup>		Head - Ft.		Headwater El.		
			Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design	10	50	48.74	45.59	582.56	0.00	0.00	582.56	582.56
	50	60	51.41	48.14	582.73	0.00	0.00	582.73	582.73
Base	100	64	52.70	49.37	582.81	0.00	0.00	582.81	582.81
Max. Calc.	500	70	54.32	50.93	582.91	0.00	0.00	582.91	582.91

**DESIGN SCOUR ELEVATION TABLE**

Event / Limit State	Design Scour Elevations (ft.)		Item 113
	N. Abut.	S. Abut.	
Q100	580.43	580.43	8
Q200	580.43	580.43	
Design	580.43	580.43	
Check	580.43	580.43	

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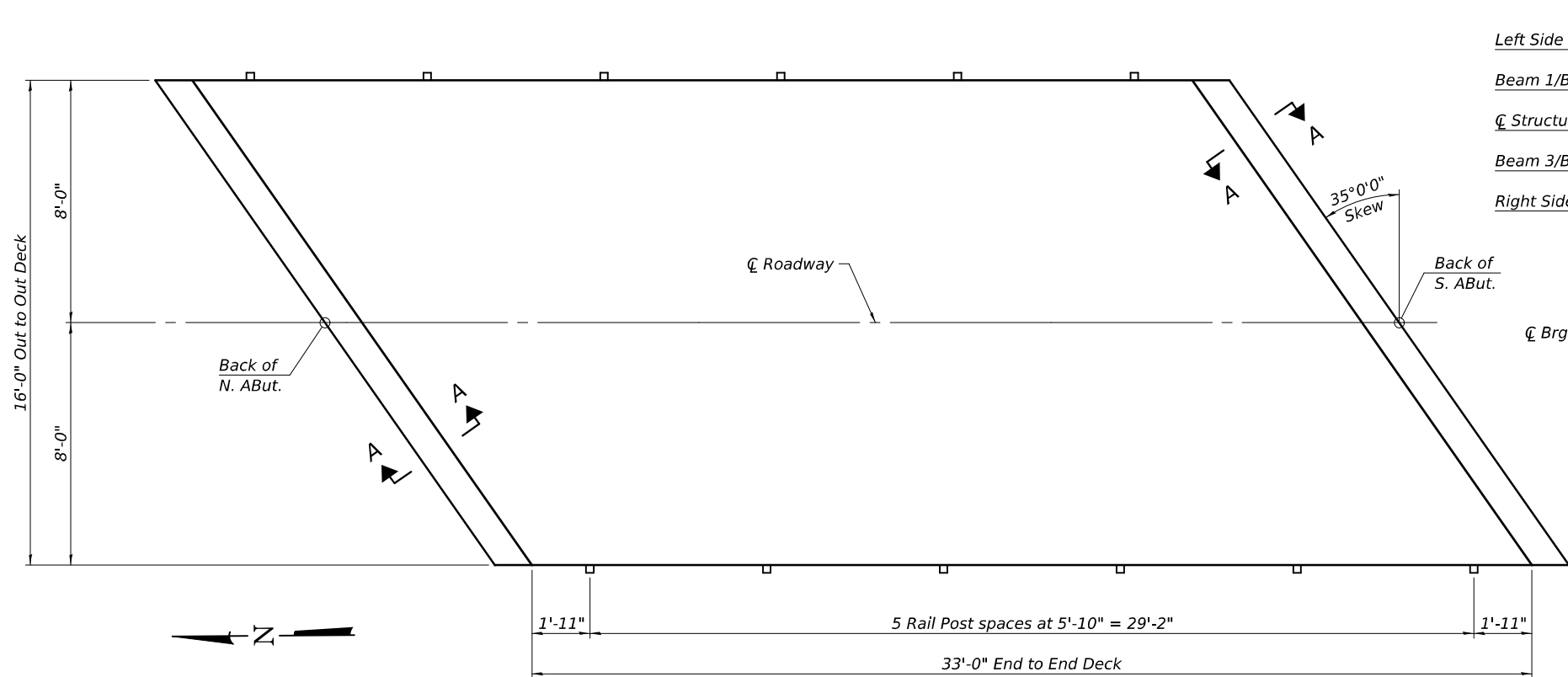


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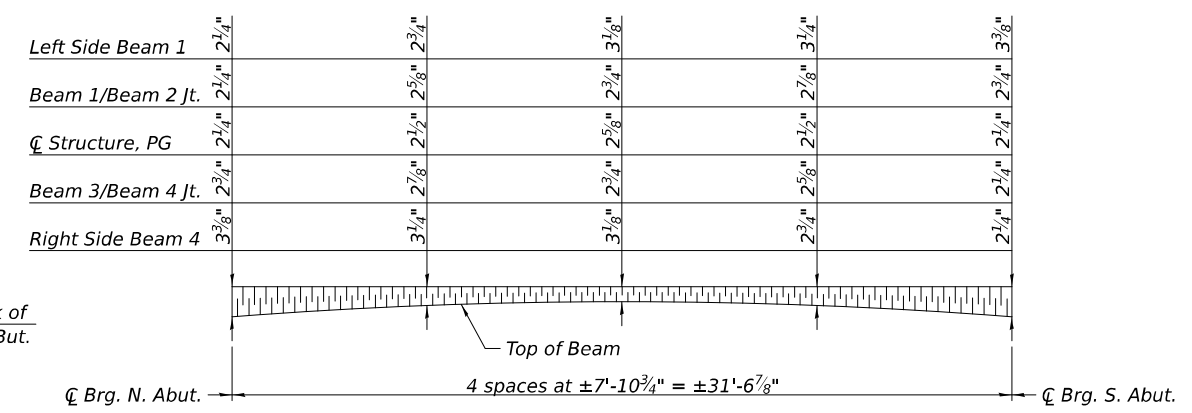
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	34
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

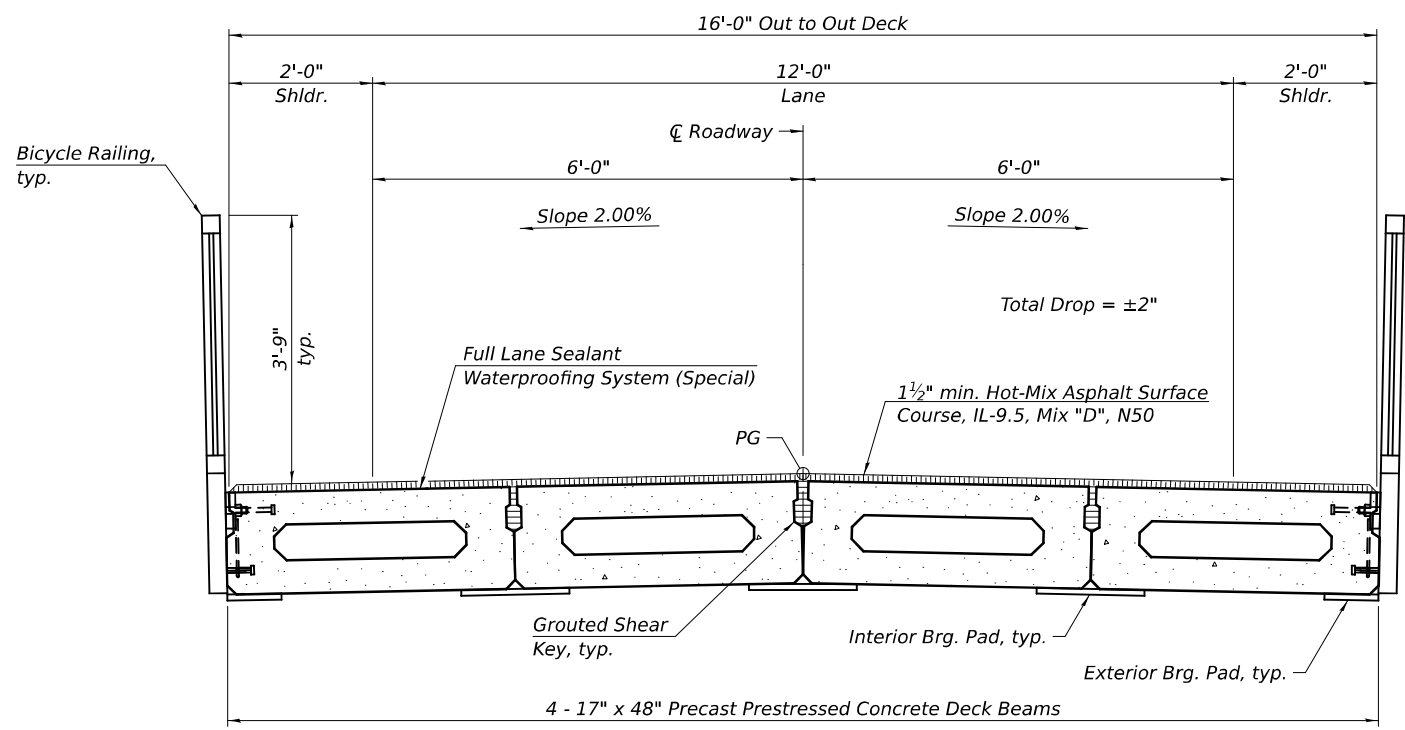
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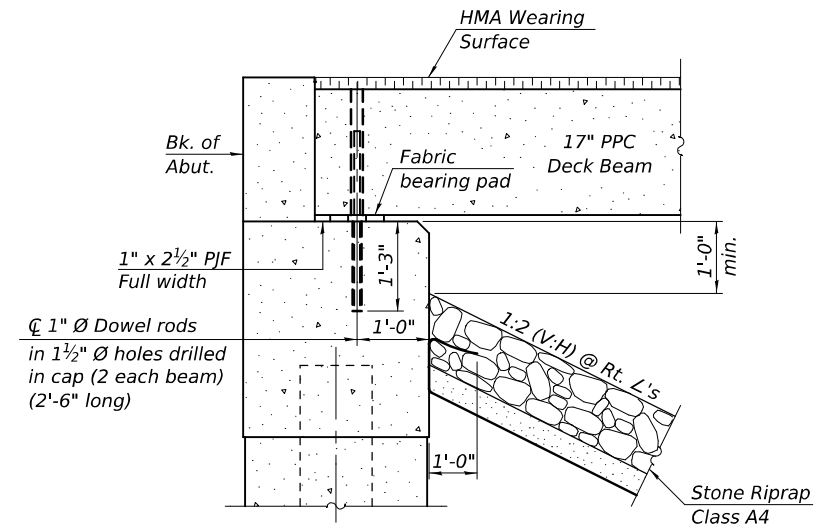
**PLAN**  
(Rail spacing the same on both sides)



**PROFILE OF HMA WEARING SURFACE**  
(For Information Only)



**CROSS SECTION**  
(Looking South)



**SECTION A-A**

**BILL OF MATERIAL**

Item	Unit	Quantity
Hot-Mix Asphalt Surface Course, IL-9.5, Mix "D", N50	Ton	9



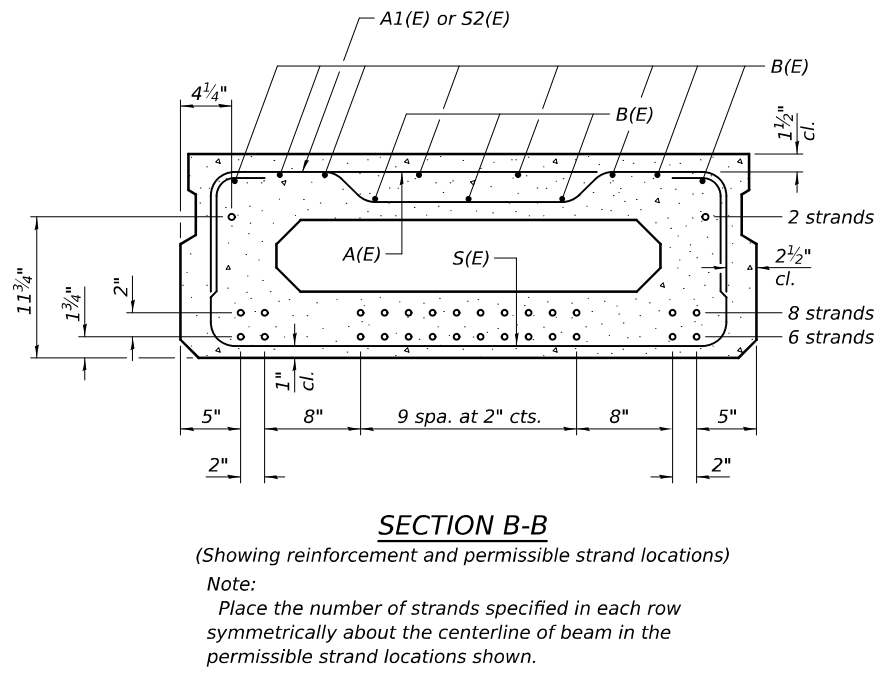
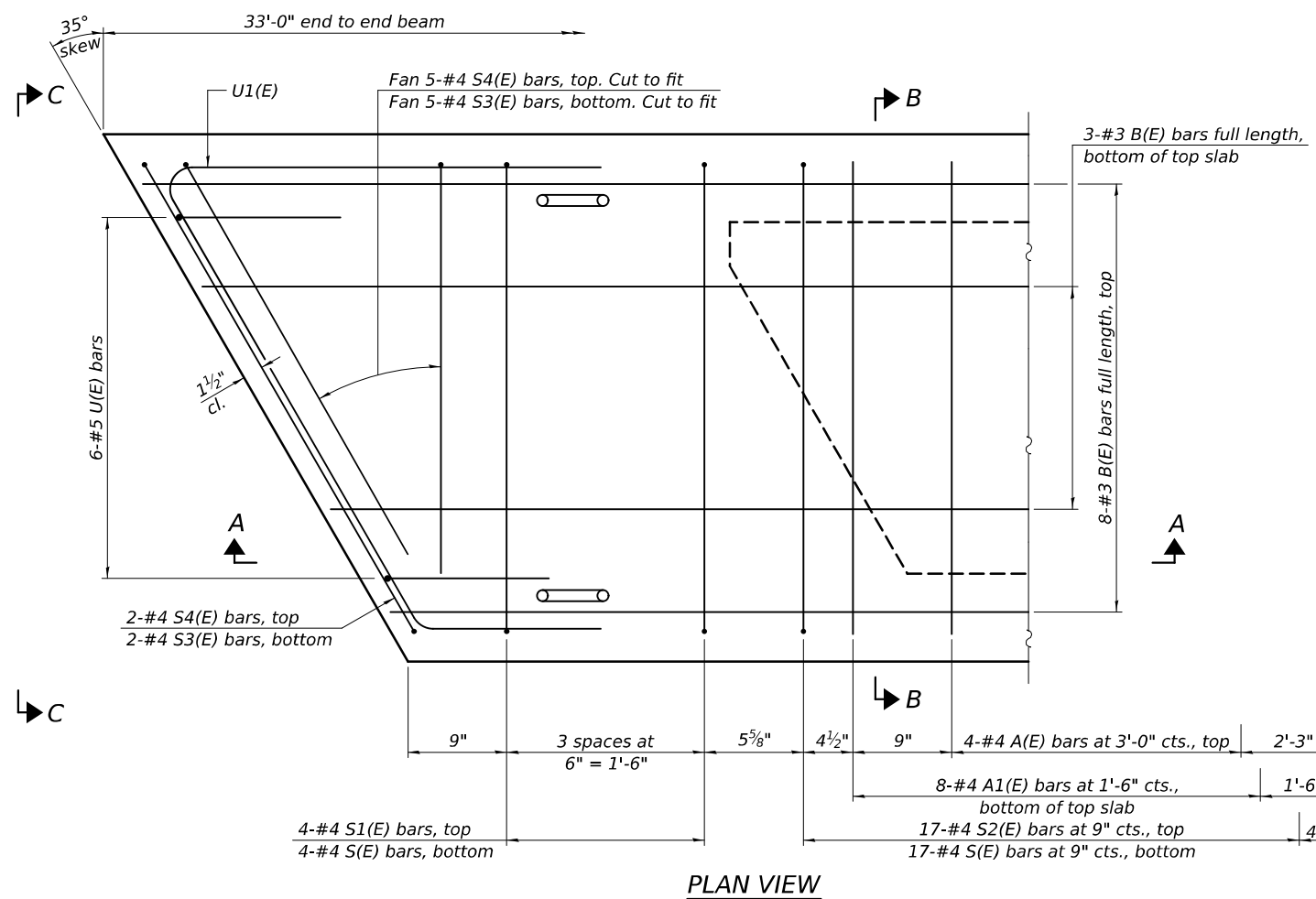
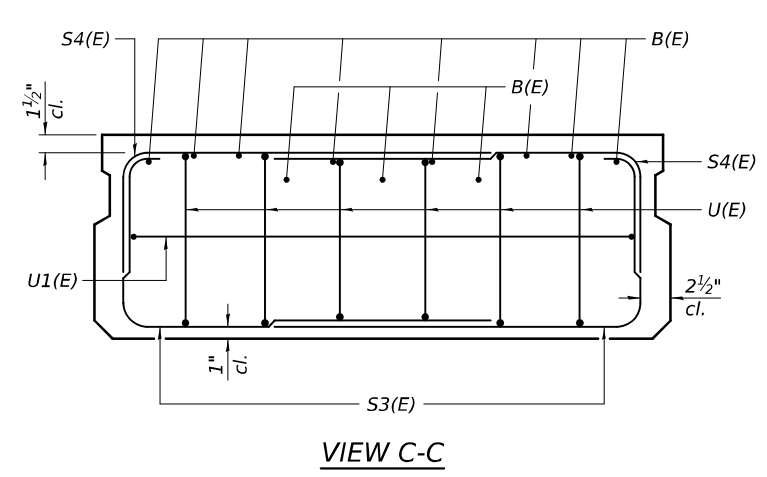
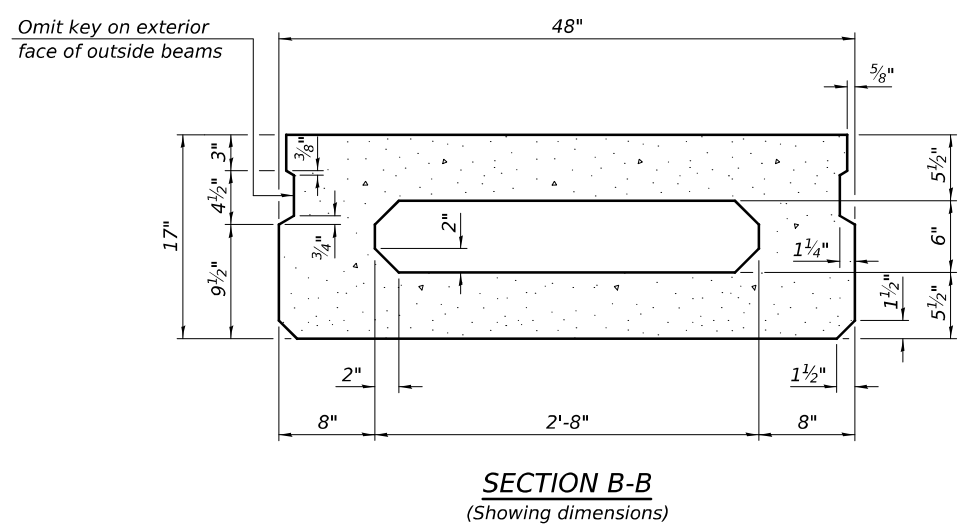
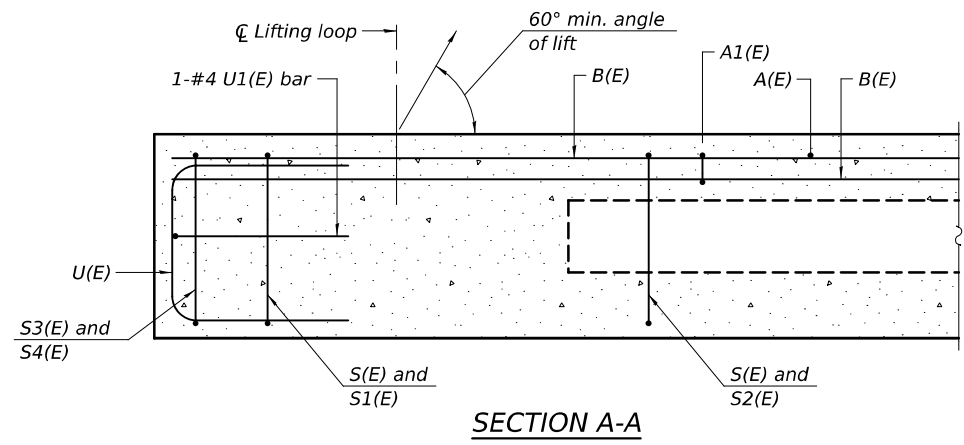
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	CHECKED - E.M. Lagemann	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE DETAILS  
STRUCTURE NO. 016-1441**

SHEET 2 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	35
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



**BAR LIST**  
**ONE BEAM ONLY**  
(For information only)

Bar	No.	Size	Length	Shape
A(E)	9	#4	3'-7"	—
A1(E)	17	#4	3'-10"	—
B(E)	11	#3	32'-8"	—
S(E)	42	#4	6'-9"	┌┐
S1(E)	8	#4	5'-3"	┌┐
S2(E)	34	#4	5'-6"	┌┐
S3(E)	14	#4	4'-9"	┌┐
S4(E)	14	#4	4'-0"	┌┐
U(E)	12	#5	3'-8"	┌┐
U1(E)	2	#4	9'-3"	┌┐

**MINIMUM BAR LAP**  
#3 bar = 1'-4"

Note:  
Spacing of S(E) and S2(E) bars may be adjusted up to 4" in the immediate area of the transverse tie diaphragms to miss the block outs for the transverse ties.

Note:  
See sheet 4 of 9 for additional details and Bill of Material.

PD-1748-R

4-4-2025



USER NAME = \$USERS	DESIGNED - A.H. Morinaga Mansilla	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED - E.M. Lagemann	REVISED -
PLOT DATE = 3/27/2026	DRAWN - A.H. Morinaga Mansilla	REVISED -
	CHECKED - E.M. Lagemann	REVISED -

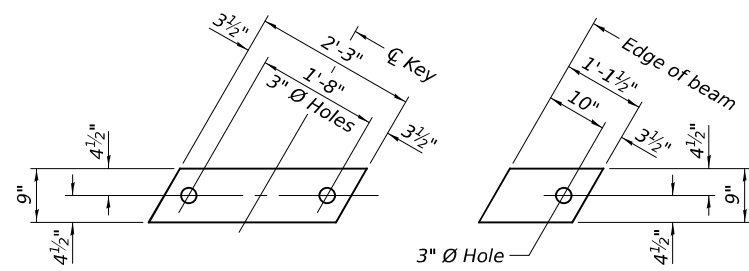
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**17" x 48" PPC DECK BEAM**  
**STRUCTURE NO. 016-1441**

SHEET 3 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	36
ILLINOIS			CONTRACT NO. 46952	
FED. AID PROJECT				

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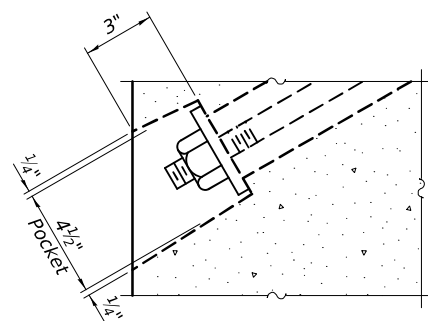


**FABRIC BEARING PAD**  
(Interior)

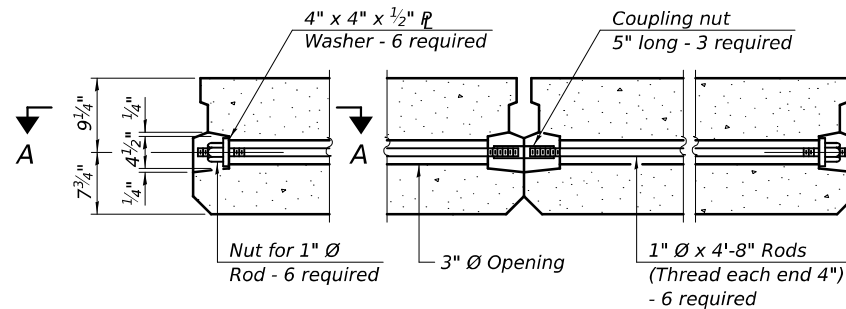
**FABRIC BEARING PAD**  
(Exterior)

**FIXED**

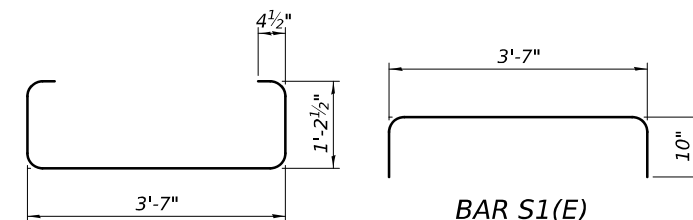
Notes:  
All bearing pads shall be 1" thick.  
Omit holes when using expansion bearings.  
Expansion bearing pads shall be bonded to the substructure.



**SECTION A-A**

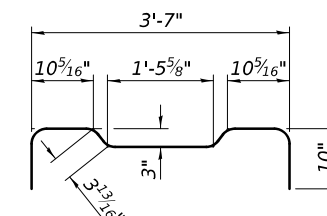


**TYPICAL TRANSVERSE TIE ASSEMBLY**

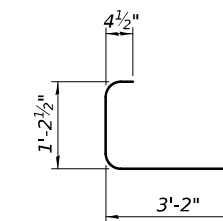


**BAR S(E)**

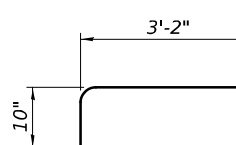
**BAR S1(E)**



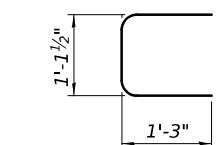
**BAR S2(E)**



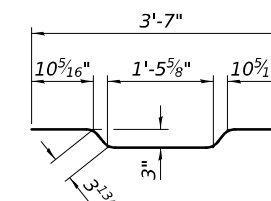
**BAR S3(E)**



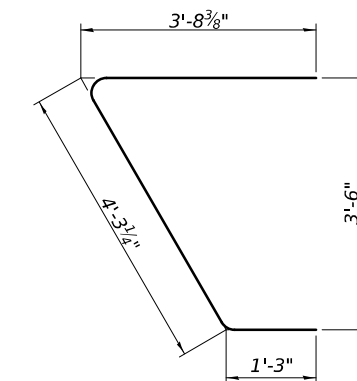
**BAR S4(E)**



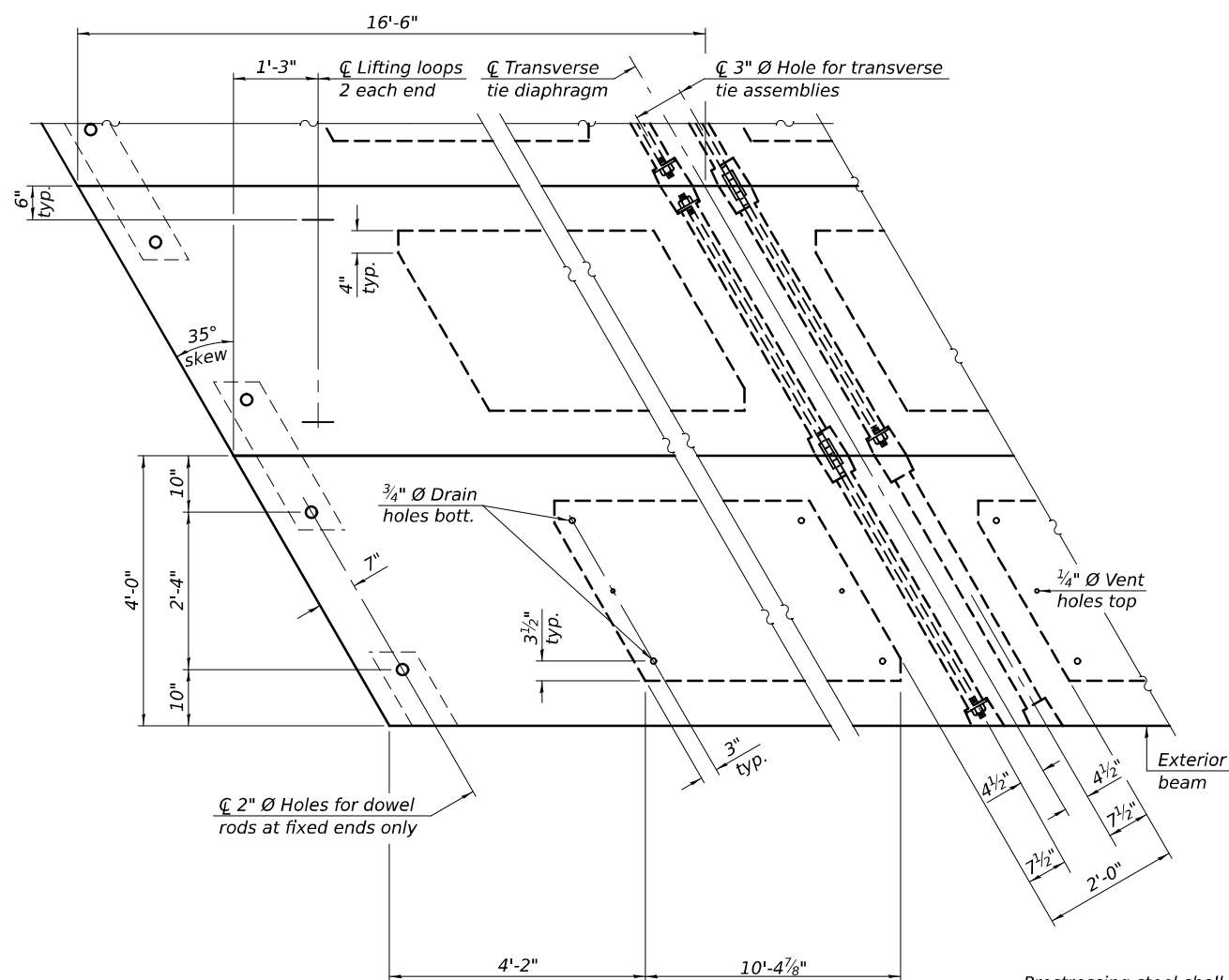
**BAR U(E)**



**BAR A1(E)**



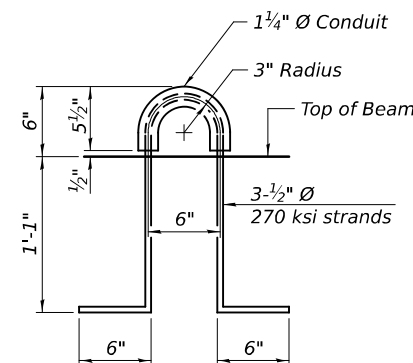
**BAR U1(E)**



**PLAN VIEW**

**NOTES**

Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in. The 1" rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place. Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location. A minimum 2 1/2" diameter lifting pin shall be used to engage the lifting loops during handling. Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams. Compressive strength of prestressed concrete, f'c, shall be 6,000 psi. Compressive strength of prestressed concrete at release, f'ci, shall be 5,000 psi.



**LIFTING LOOP DETAIL**

**BILL OF MATERIAL**

Precast Prestressed Conc. Deck Bms. (17" depth)	Sq. Ft.	528
---	---------	-----

Note:  
Connect beams in pairs with the transverse tie configuration shown.

PDD-1748-R

5-15-2023



USER NAME = \$USERS	DESIGNED - A.H. Morinaga Mansilla	REVISED -
PLOT SCALE = \$SCALES	CHECKED - E.M. Lagemann	REVISED -
PLOT DATE = 3/27/2026	DRAWN - A.H. Morinaga Mansilla	REVISED -
	CHECKED - E.M. Lagemann	REVISED -

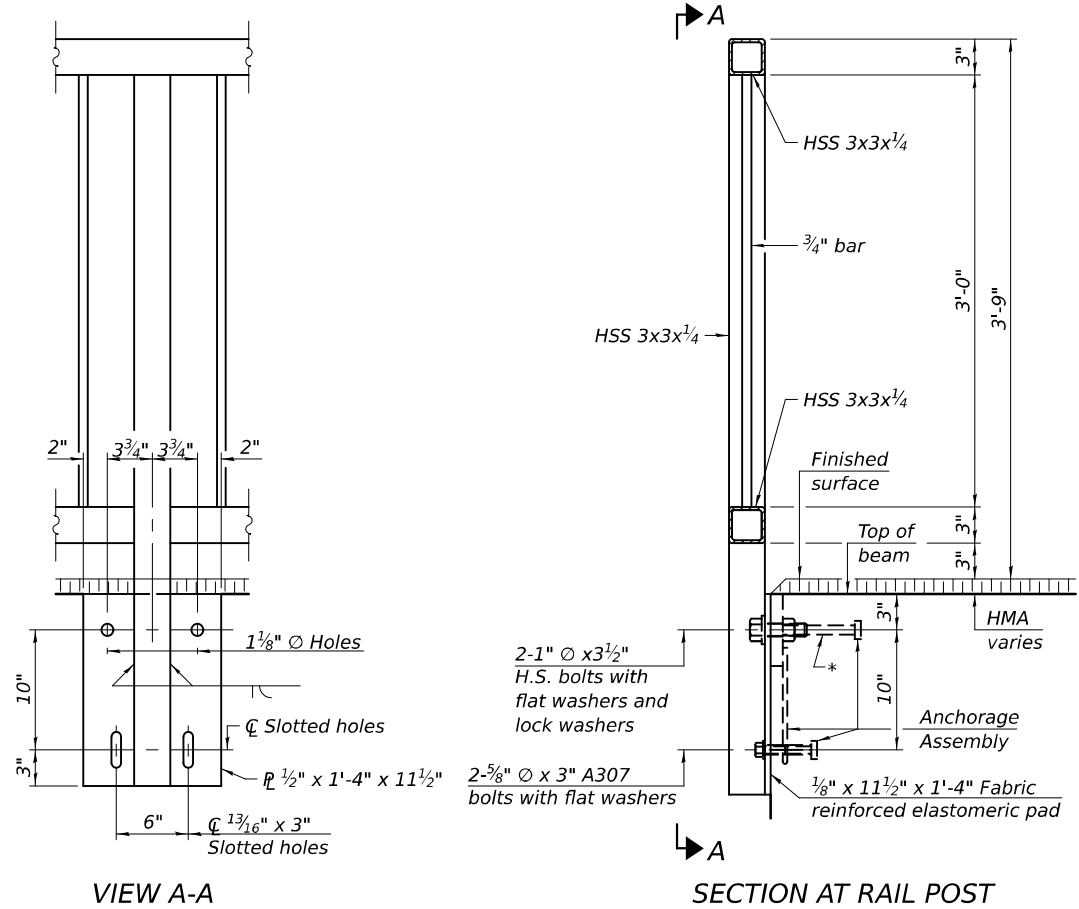
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**17" x 48" PPC DECK BEAM DETAILS**  
**STRUCTURE NO. 016-1441**

SHEET 4 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	37
			CONTRACT NO. 46952	
		ILLINOIS FED. AID PROJECT		

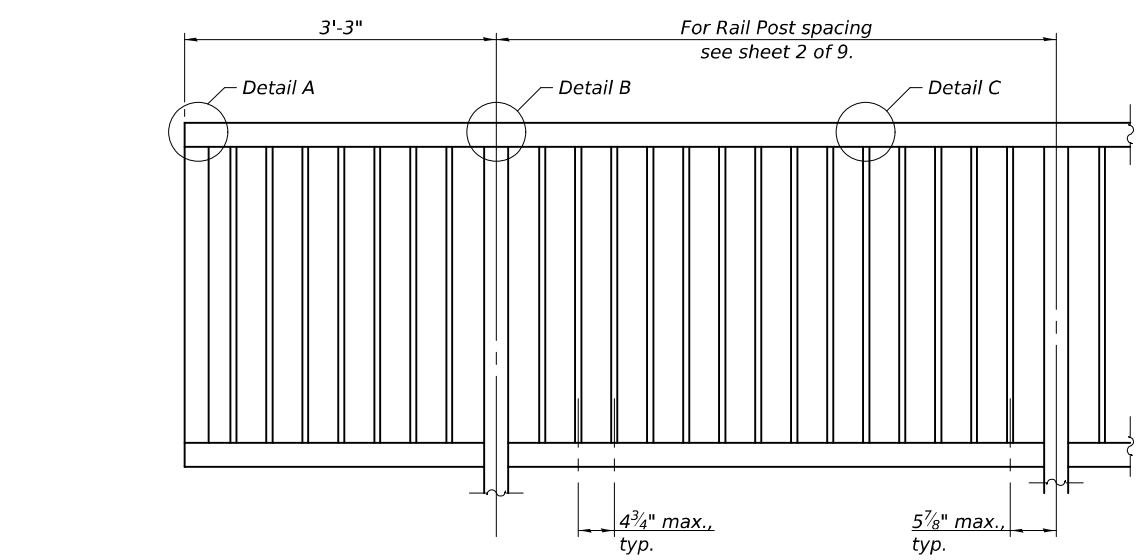
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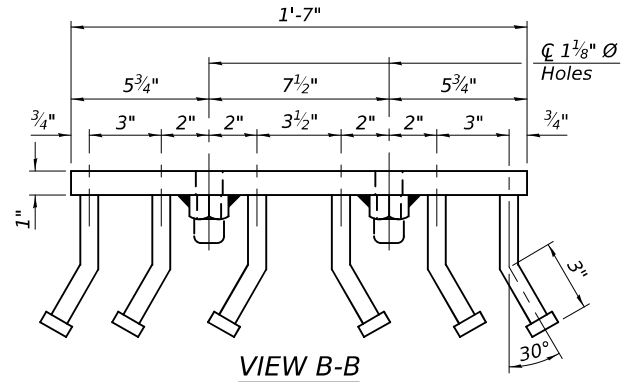
VIEW A-A

SECTION AT RAIL POST

\* The outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchorage assembly. The anchorage studs may be bent down 1/2" to accommodate the top reinforcement bar placement.

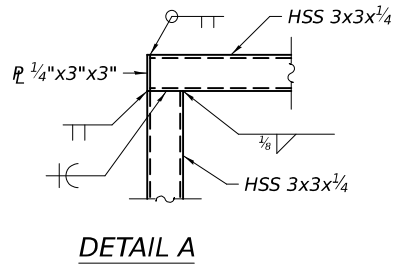


PART ELEVATION

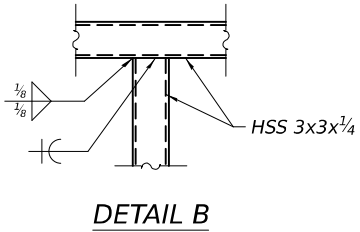


VIEW B-B

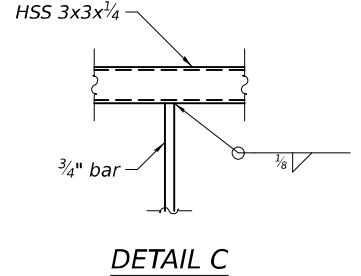
Notes:  
 Bicycle Rail shall follow profile of roadway.  
 Furnish and erect the Bicycle Rail according to Section 509 of the Standard Specifications.  
 All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.  
 Tie bars shall be #4 reinforcement bar or 1/2" diameter ASTM F1554 55 round bar.



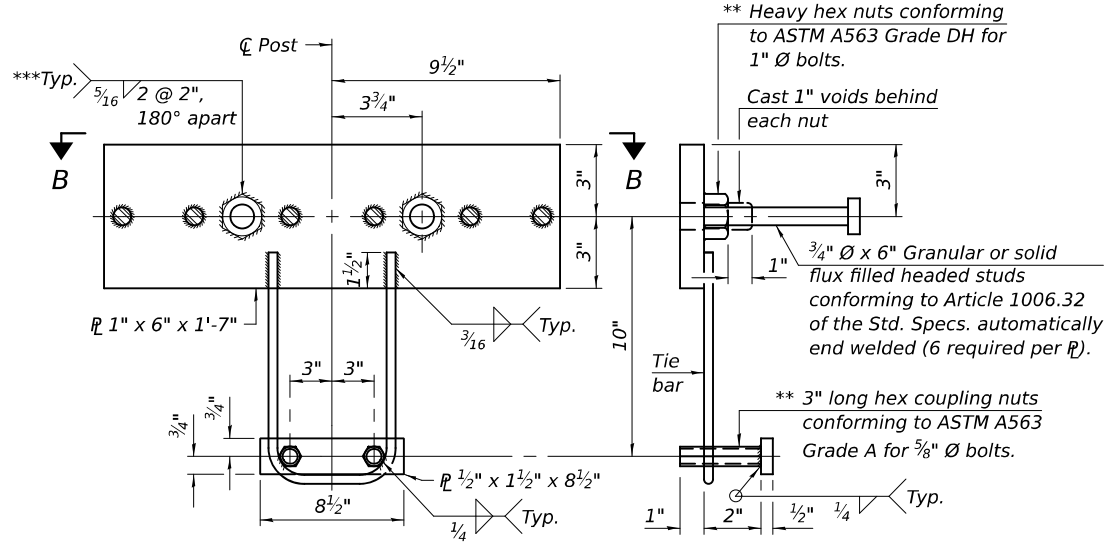
DETAIL A



DETAIL B



DETAIL C



ANCHORAGE ASSEMBLY

\*\* Threaded areas shall be plugged or blocked off during casting of concrete.  
 \*\*\* Alternatively provide 1/4" all-around fillet weld.

BILL OF MATERIAL

Item	Unit	Quantity
Bicycle Railing	Foot	72

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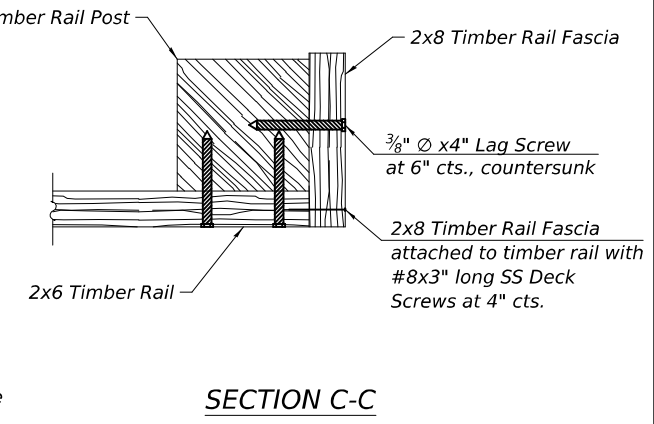
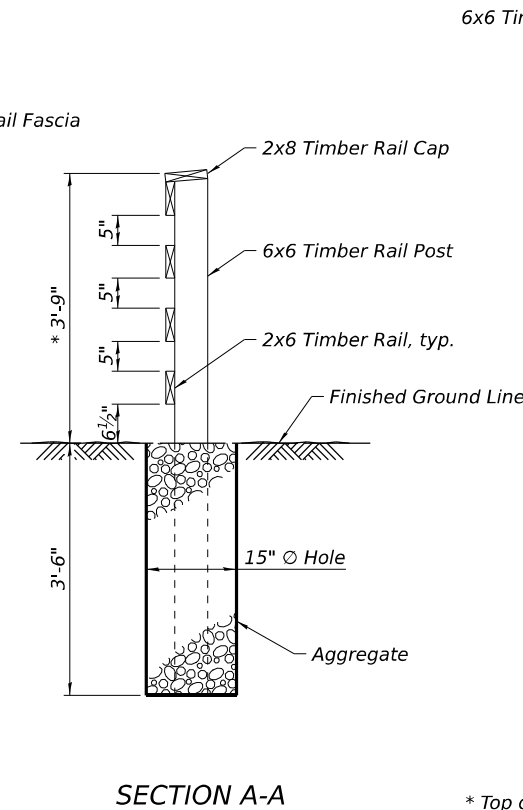
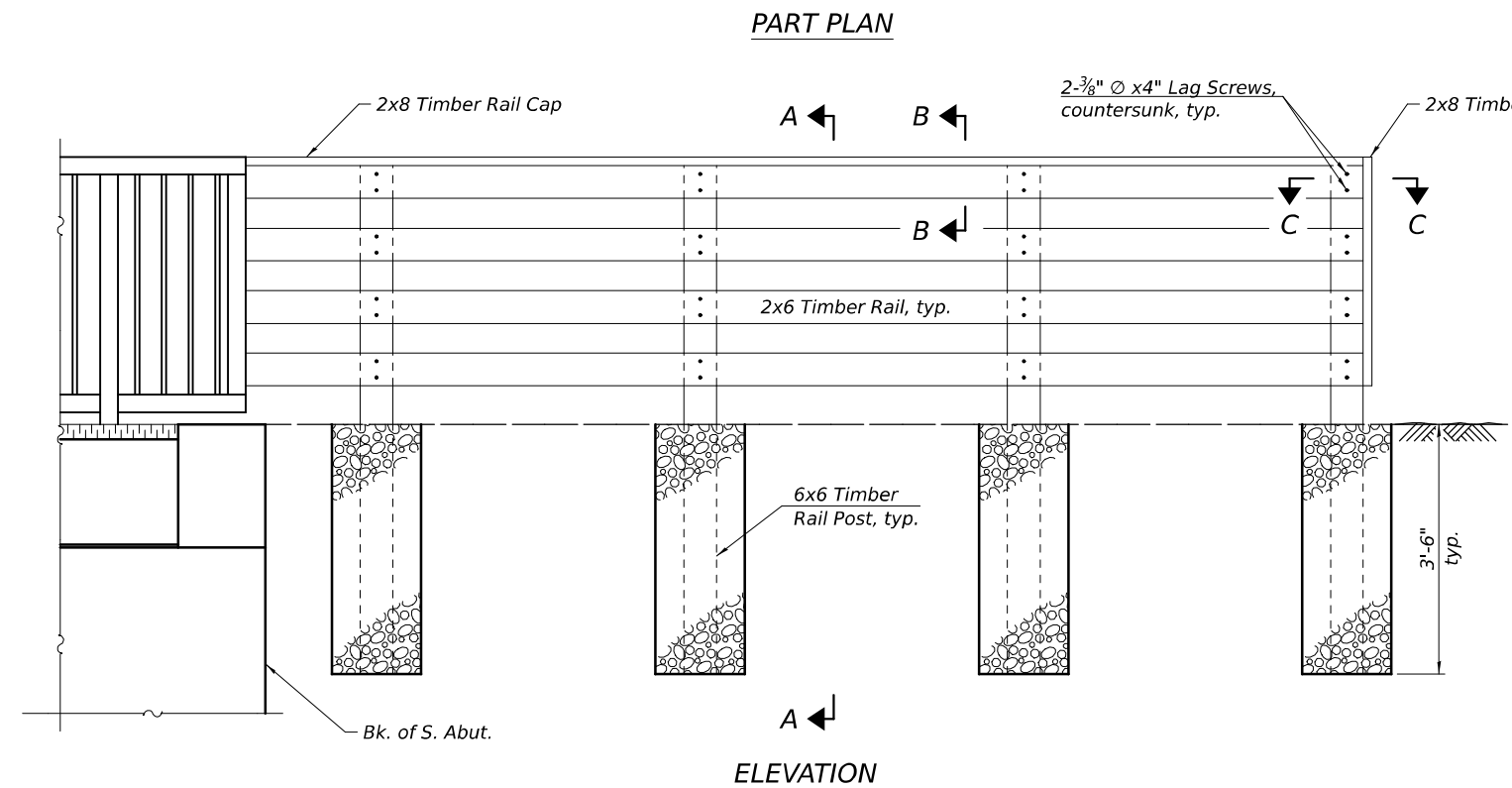
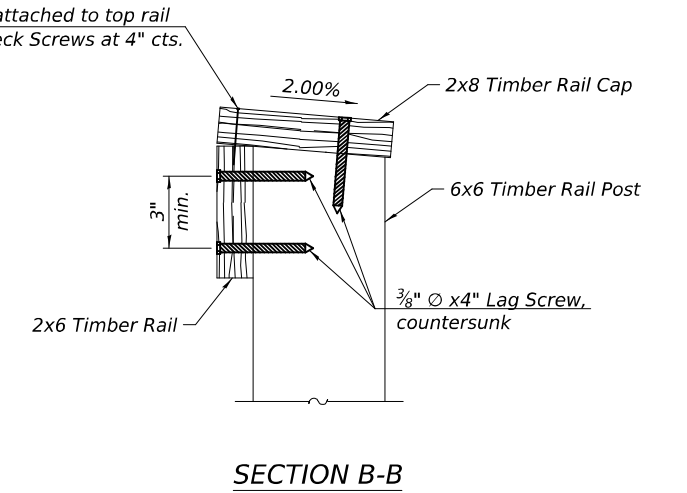
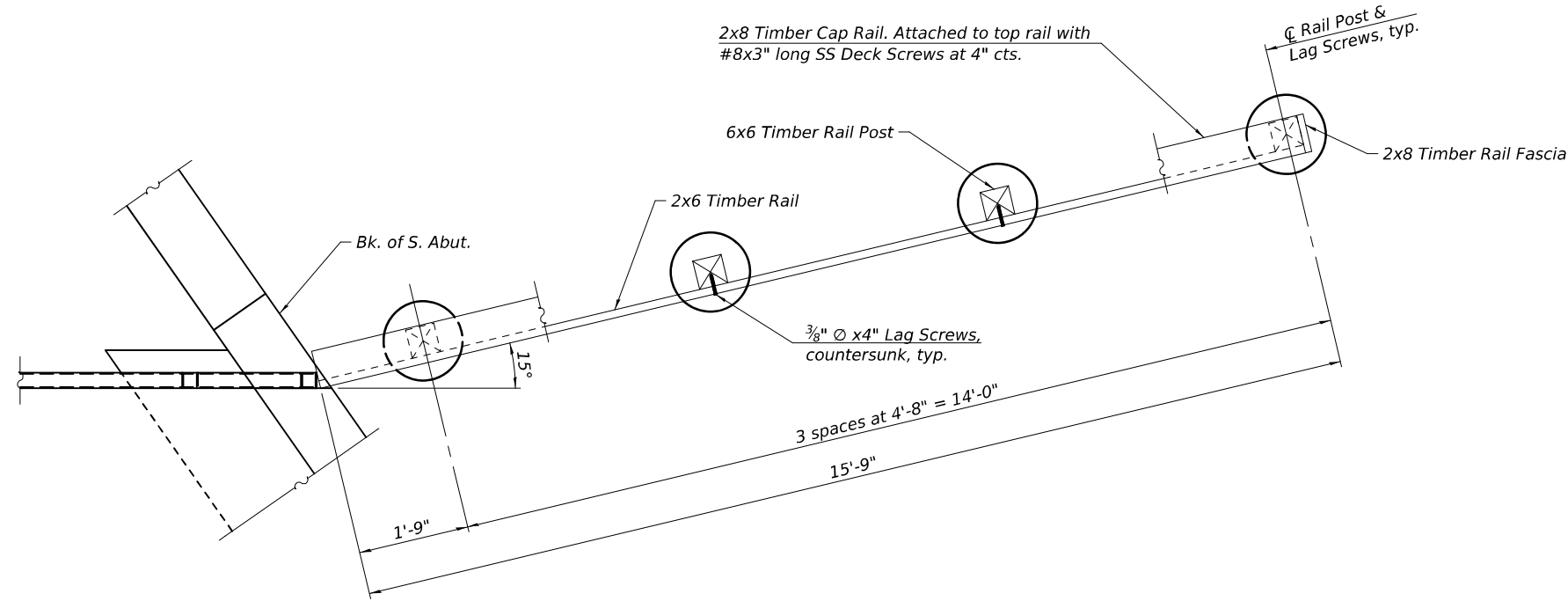
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PLOT SCALE = \$\$SCALE\$	CHECKED - E.M. Lagemann	REVISED -
PLOT DATE = 3/27/2026	DRAWN - A.H. Morinaga Mansilla	REVISED -
	CHECKED - E.M. Lagemann	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

BICYCLE RAILING DETAILS  
 STRUCTURE NO. 016-1441

SHEET 5 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	38
			CONTRACT NO. 46952	
		ILLINOIS FED. AID PROJECT		



**WOOD RAIL DETAIL**

Note:  
No splices allowed on end railing.

\* Top of timber rail shall be installed a minimum 3'-9" above the finished ground line. Adjust post length accordingly in field.

**BILL OF MATERIAL**

Item	Unit	Quantity
Wood Rail	Foot	32

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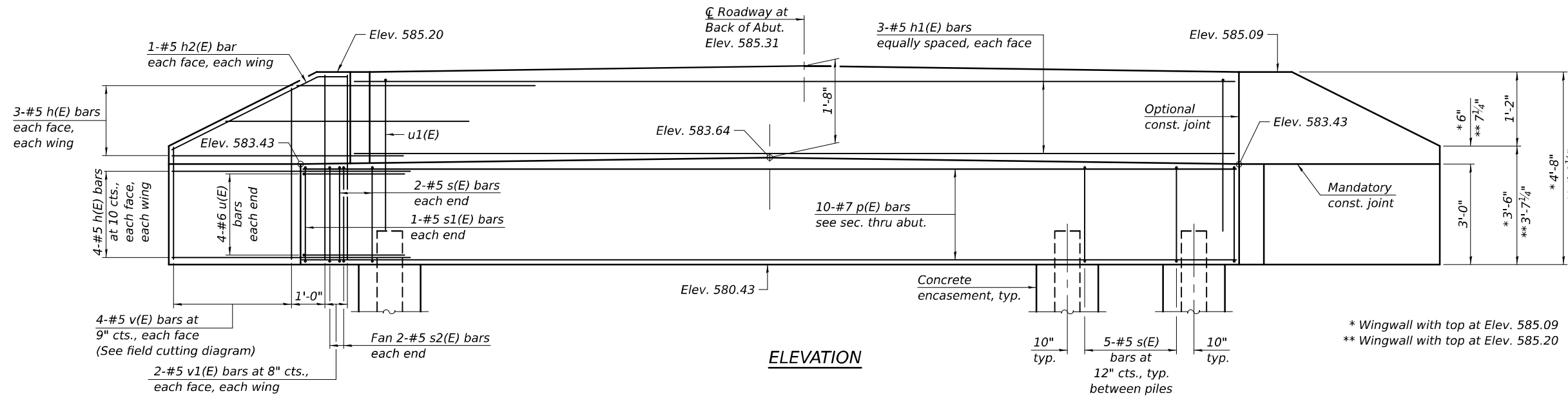
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PLOT SCALE = \$SCALES	CHECKED - E.M. Lagemann	REVISED -
PLOT DATE = 3/27/2026	DRAWN - A.H. Morinaga Mansilla	REVISED -
	CHECKED - E.M. Lagemann	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

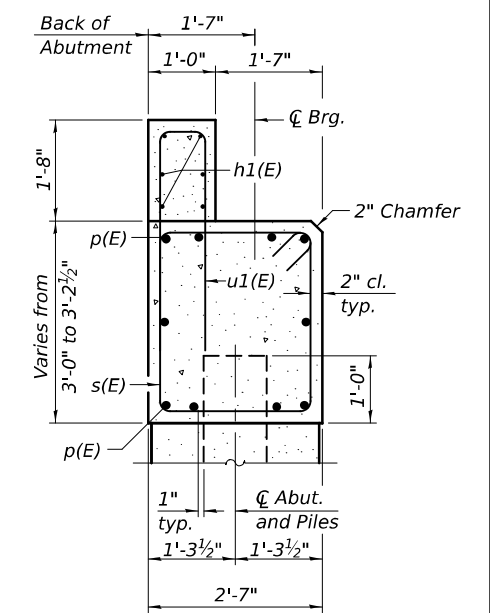
**WOOD RAIL DETAILS  
STRUCTURE NO. 016-1441**

SHEET 6 OF 9 SHEETS

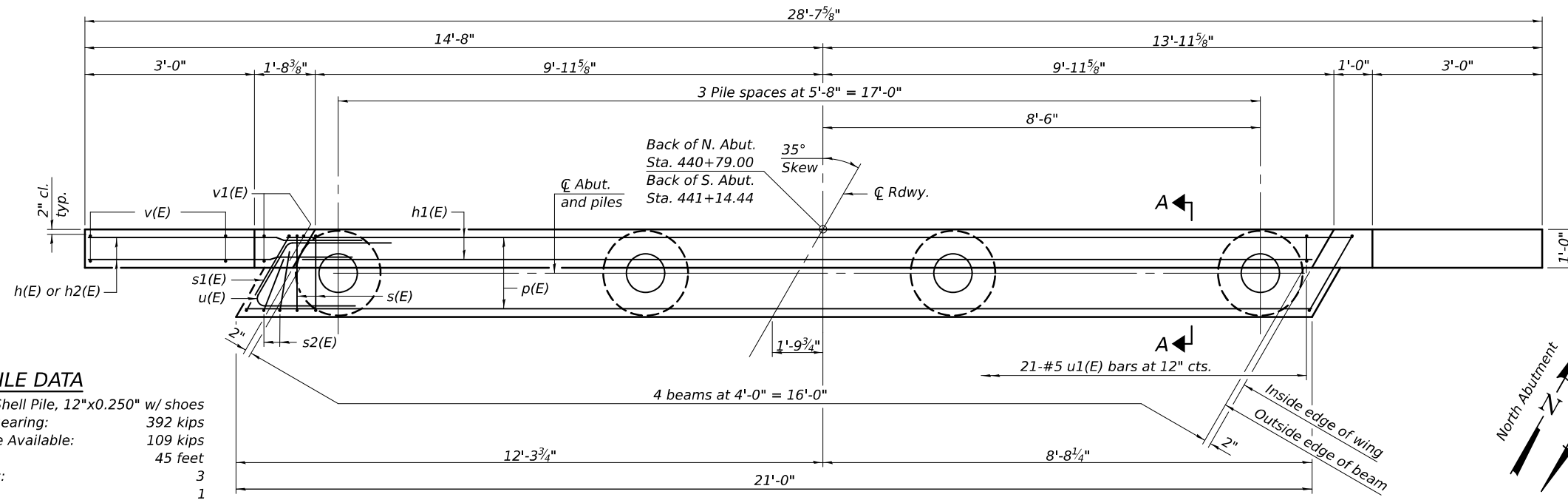
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	39
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



**ELEVATION**



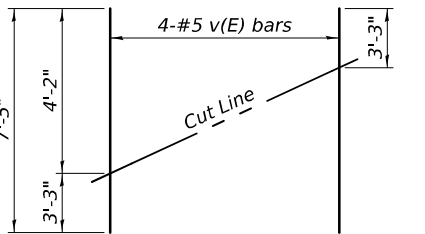
**SECTION A-A**  
(Dimensions are at right angles to abutment)



**PLAN**

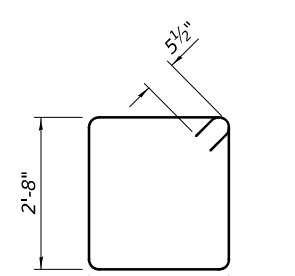
**PILE DATA**

Type: Metal Shell Pile, 12"x0.250" w/ shoes  
 Nominal Required Bearing: 392 kips  
 Factored Resistance Available: 109 kips  
 Est. Length: 45 feet  
 No. Production Piles: 3  
 No. Test Piles: 1

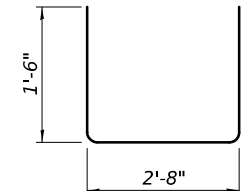


**FIELD CUTTING DIAGRAM**

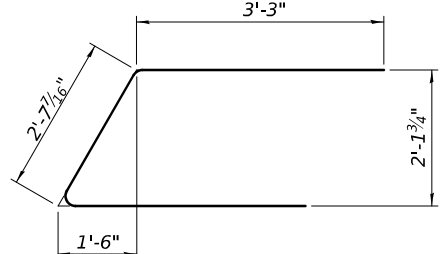
Order v(E) bars full length. Cut as shown and use remainder of bars in opposite wing.



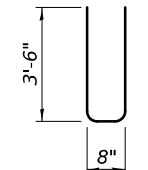
**BARS s(E) & s1(E)**



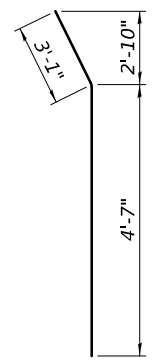
**BAR s2(E)**



**BAR u(E)**



**BAR u1(E)**



**BAR h2(E)**

**BILL OF MATERIAL BOTH ABUTMENTS**

Bar	No.	Size	Length	Shape
h(E)	56	#5	6'-4"	—
h1(E)	12	#5	19'-6"	—
h2(E)	8	#5	7'-8"	—
p(E)	20	#7	20'-8"	—
s(E)	38	#5	10'-9"	□
s1(E)	4	#5	11'-9"	□
s2(E)	8	#5	5'-8"	□
u(E)	16	#6	9'-2"	┌
u1(E)	42	#5	7'-8"	┌
v(E)	16	#5	7'-5"	—
v1(E)	16	#5	4'-4"	—
Structure Excavation			Cu. Yd.	74
Concrete Structures			Cu. Yd.	17.3
Reinforcement Bars, Epoxy Coated			Pound	2,800
Furnishing Metal Shell Piles, 12" x 0.250"			Foot	270
Driving Piles			Foot	270
Test Pile, Metal Shell			Each	2
Pile Shoes			Each	8
Concrete Encasement			Cu. Yd.	3.7

Notes:  
 For details of piles and Concrete Encasement, see sheet 8 of 9.  
 Cast backwall and tops of wingwalls after beams have been erected.

AD-SB-R

4-4-2025



USER NAME = \$USERS	DESIGNED - A.H. Morinaga Mansilla	REVISED -
PLOT SCALE = \$SCALES	CHECKED - E.M. Lagemann	REVISED -
PLOT DATE = 3/27/2026	DRAWN - A.H. Morinaga Mansilla	REVISED -
	CHECKED - E.M. Lagemann	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

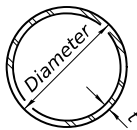
ABUTMENTS  
 STRUCTURE NO. 016-1441

SHEET 7 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	40
CONTRACT NO. 46952				

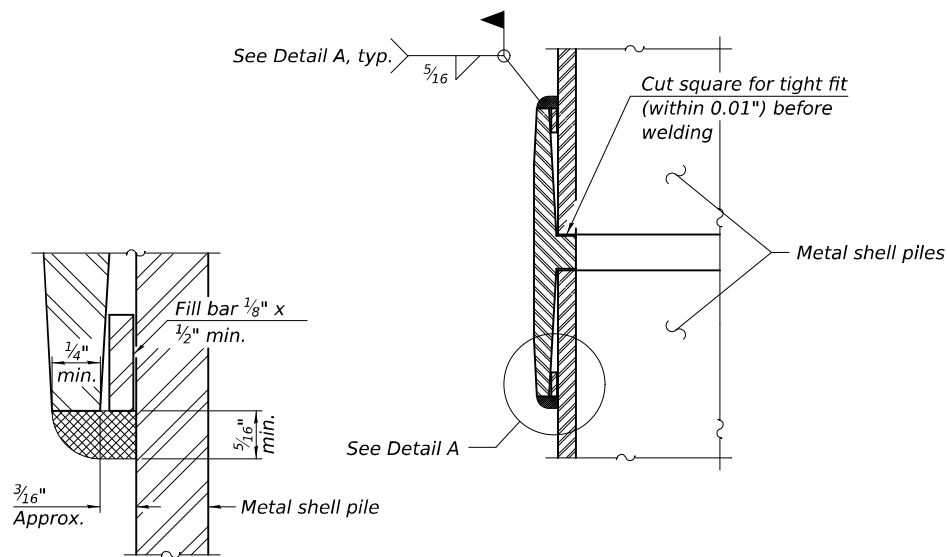
ILLINOIS FED. AID PROJECT

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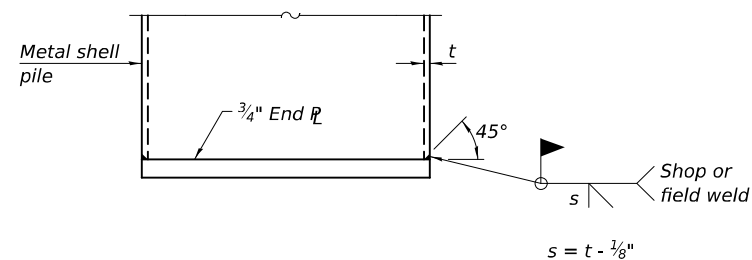


METAL SHELL PILE TABLE

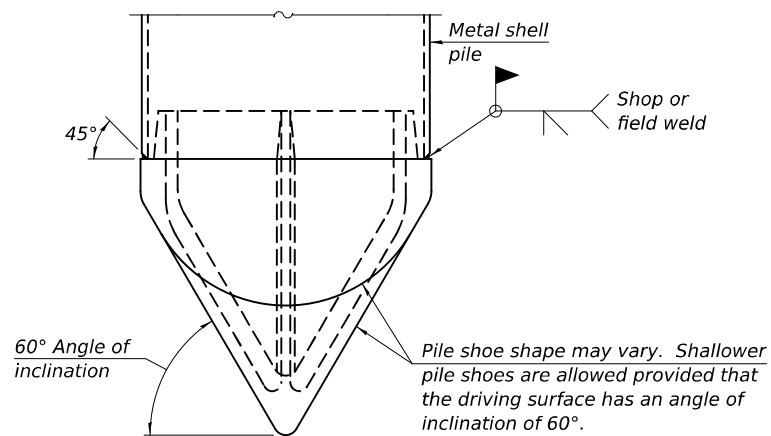
Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd. <sup>3</sup> /ft.)
PP12	0.250"	31.40	0.0267
PP14	0.250"	36.75	0.0368
PP14	0.312"	45.65	0.0361
PP16	0.312"	52.32	0.0478
PP16	0.375"	62.64	0.0470



DETAIL A



END PLATE ATTACHMENT

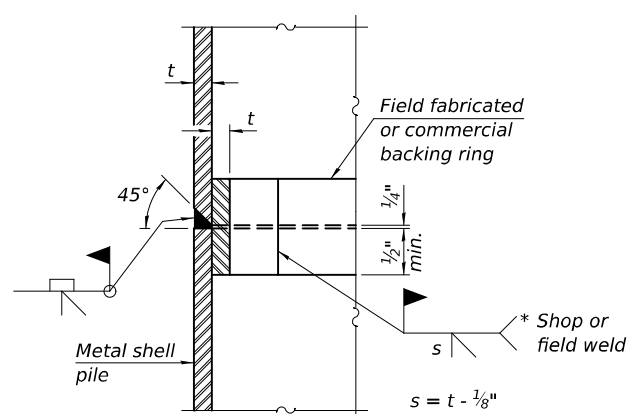


PILE SHOE ATTACHMENT

(When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 80-50 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld).

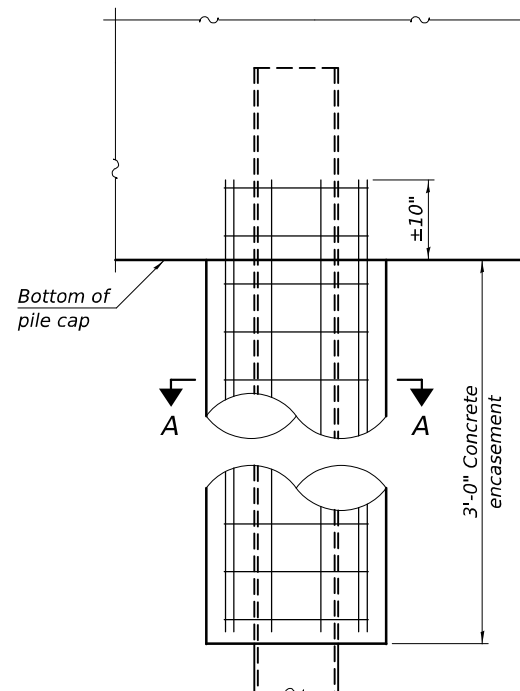
WELDED COMMERCIAL SPLICE

Notes:  
The 1/8" x 1/2" min. fill bar may be constructed of 2 bars with a 1/8" max. gap between them.  
Pile segments shall be driven to solid contact with splicer before welding.



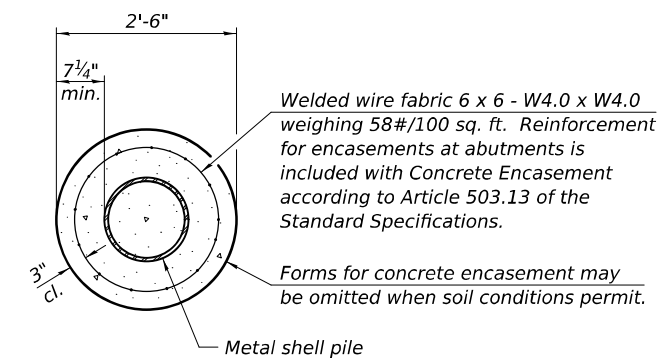
COMPLETE PENETRATION WELD SPLICE

\* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.

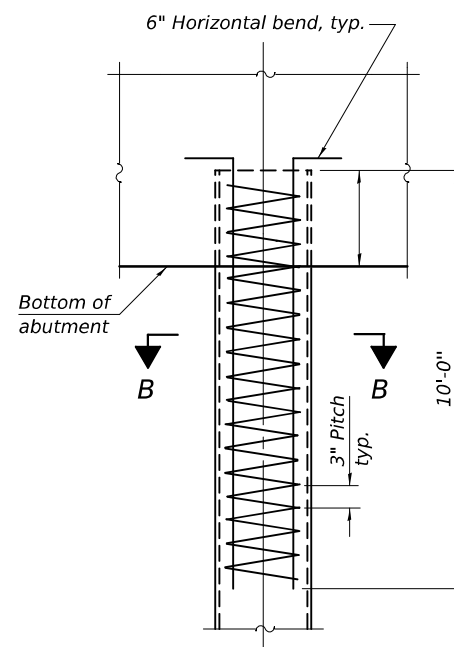


ELEVATION

INDIVIDUAL PILE CONCRETE ENCASEMENT (When specified)

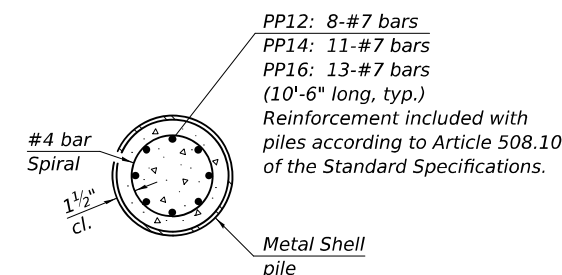


SECTION A-A



ELEVATION

REINFORCEMENT AT ABUTMENTS (Omit when concrete encasement is specified)



SECTION B-B

Note:  
The metal shell piles shall be according to Article 1006.05 of the Standard Specifications.

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F-MS

4-4-2025



USER NAME = \$USERS	DESIGNED - A.H. Morinaga Mansilla	REVISED -
PLOT SCALE = \$SCALES	CHECKED - E.M. Lagemann	REVISED -
PLOT DATE = 3/27/2026	DRAWN - A.H. Morinaga Mansilla	REVISED -
	CHECKED - E.M. Lagemann	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

METAL SHELL PILE DETAILS  
STRUCTURE NO. 016-1441

SHEET 8 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	41
			CONTRACT NO. 46952	
		ILLINOIS FED. AID PROJECT		



# SOIL BORING LOG

Date 5/21/25

ROUTE \_\_\_\_\_ DESCRIPTION South Wolf Lake LOGGED BY Wang

SECTION \_\_\_\_\_ LOCATION Latitude: 41°39'42.67"N, Longitude: 87°31'31.15"W

COUNTY Cook DRILLING METHOD HSA to 11', MUD ROTARY to 40' HAMMER TYPE AUTO

STRUCT. NO.	DEPTH	UCS	MOIST	Surface Water Elev.	DEPTH	UCS	MOIST
Station	(ft)	(/6")	(tsf)	ft	(ft)	(/6")	(tsf)
BORING NO. CB-01				Stream Bed Elev. _____			
Offset _____				Groundwater Elev.: First Encounter 566.5 ft			
Ground Surface Elev. 575.00 ft				Upon Completion _____			
				After _____ Hrs. _____			
ASPHALT - 10"	574.2	HA	- 25	SAND - Gray, Fine, Wet (continued)			
SAND - Brown, Damp, w/ trace gravel	573.0	HA	- 19	553.5	5		
SLAG - Gray, Damp, w/ trace gravel				SILTY CLAY - Gray, Damp	3	1.5	26
					3	B	
					1		
					3	1.2	28
					4	B	
					1		
				%Gravel = 0.1, %Sand = 2.2, %Silt = 54.0, %Clay = 43.7	4	1.2	27
					4	B	
					1		
					3	1.2	25
					4	B	
					6		
					6		
					21		
					21	- 25	
					12		
					7		
					9	- 27	
					6		
					7		
					8	- 27	
					10		
					6		
					9	- 27	
					11		
					3	1.2	26
					6	B	
					1		
					3	1.2	26
					6	B	

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

Date 5/21/25

ROUTE \_\_\_\_\_ DESCRIPTION South Wolf Lake LOGGED BY Wang

SECTION \_\_\_\_\_ LOCATION Latitude: 41°39'41.93"N, Longitude: 87°31'30.83"W

COUNTY Cook DRILLING METHOD HSA to 11', MUD ROTARY to 40' HAMMER TYPE AUTO

STRUCT. NO.	DEPTH	UCS	MOIST	Surface Water Elev.	DEPTH	UCS	MOIST
Station	(ft)	(/6")	(tsf)	ft	(ft)	(/6")	(tsf)
BORING NO. CB-02				Stream Bed Elev. _____			
Offset _____				Groundwater Elev.: First Encounter 566.5 ft			
Ground Surface Elev. 575.00 ft				Upon Completion _____			
				After _____ Hrs. _____			
SAND - Brown, Damp, w/ gravel and organics	574.0	HA	- 19	SAND - Gray, Fine, Wet (continued)			
SLAG - Gray and Damp	573.0	50/3"	- 30	553.5	5		
				SILTY CLAY - Gray, Damp	3	1.5	27
					3	B	
					1		
					3	1.5	27
					4	B	
					1		
					3	1.4	23
					4	B	
					2		
					3	1.6	19
					6	B	
					5		
					6		
					7		
					9	- 25	
					8		
					5		
					9	- 30	
					7		
					5		
					8	- 28	
					10		
					5		
					7	- 28	
					6		

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)

MODEL: B:\Sheet\_Consultant\...  
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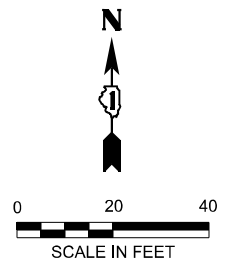


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CHECKED - E.M. Lagemann	REVISIONS -	
PLOT SCALE = \$SCALE\$	DRAWN - A.H. Morinaga Mansilla	REVISED -
PLOT DATE = 3/27/2026	CHECKED - E.M. Lagemann	REVISED -

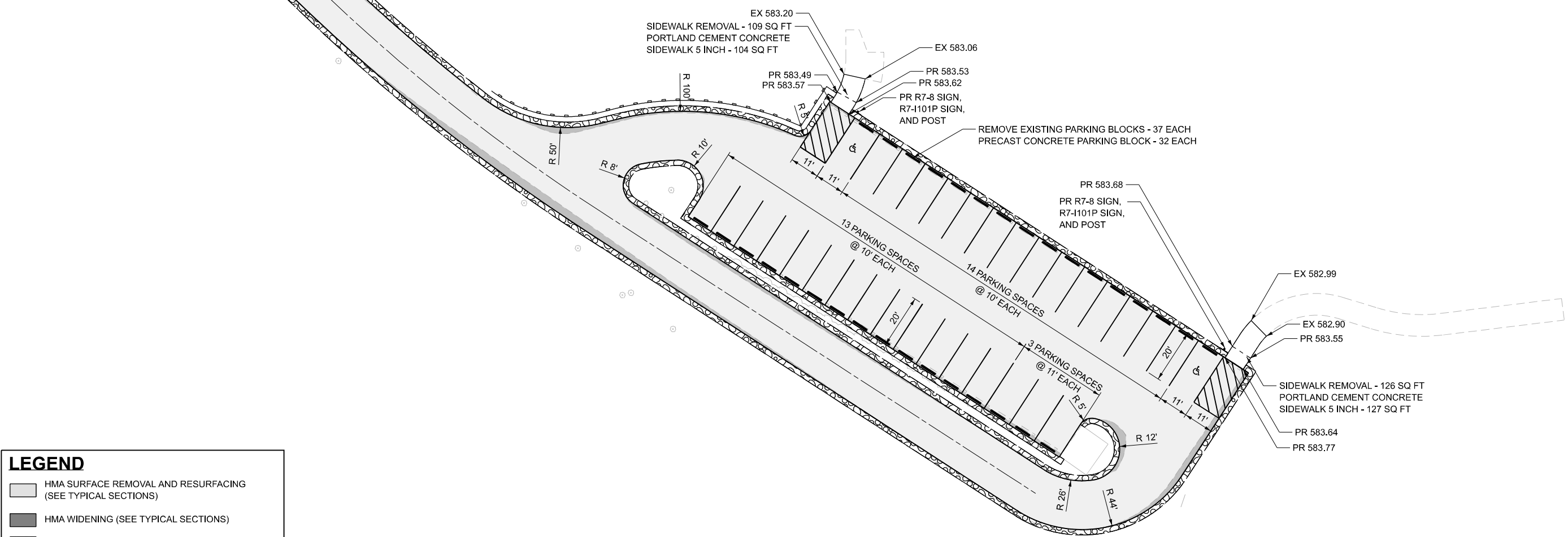
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BORING LOGS  
STRUCTURE NO. 016-1441

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	42
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



MATCHLINE TO WOLF LAKE BOULEVARD PLAN



**LEGEND**

- HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
- HMA WIDENING (SEE TYPICAL SECTIONS)
- AGGREGATE WEDGE SHOULDER, TYPE B
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TREE REMOVAL

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 2211 BRADLEY AVENUE  
 CHAMPAIGN, ILLINOIS 61821  
 (217) 352-7408 / info@f-w.com

USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
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PLOT DATE = 4/1/2026	DATE -	REVISED -

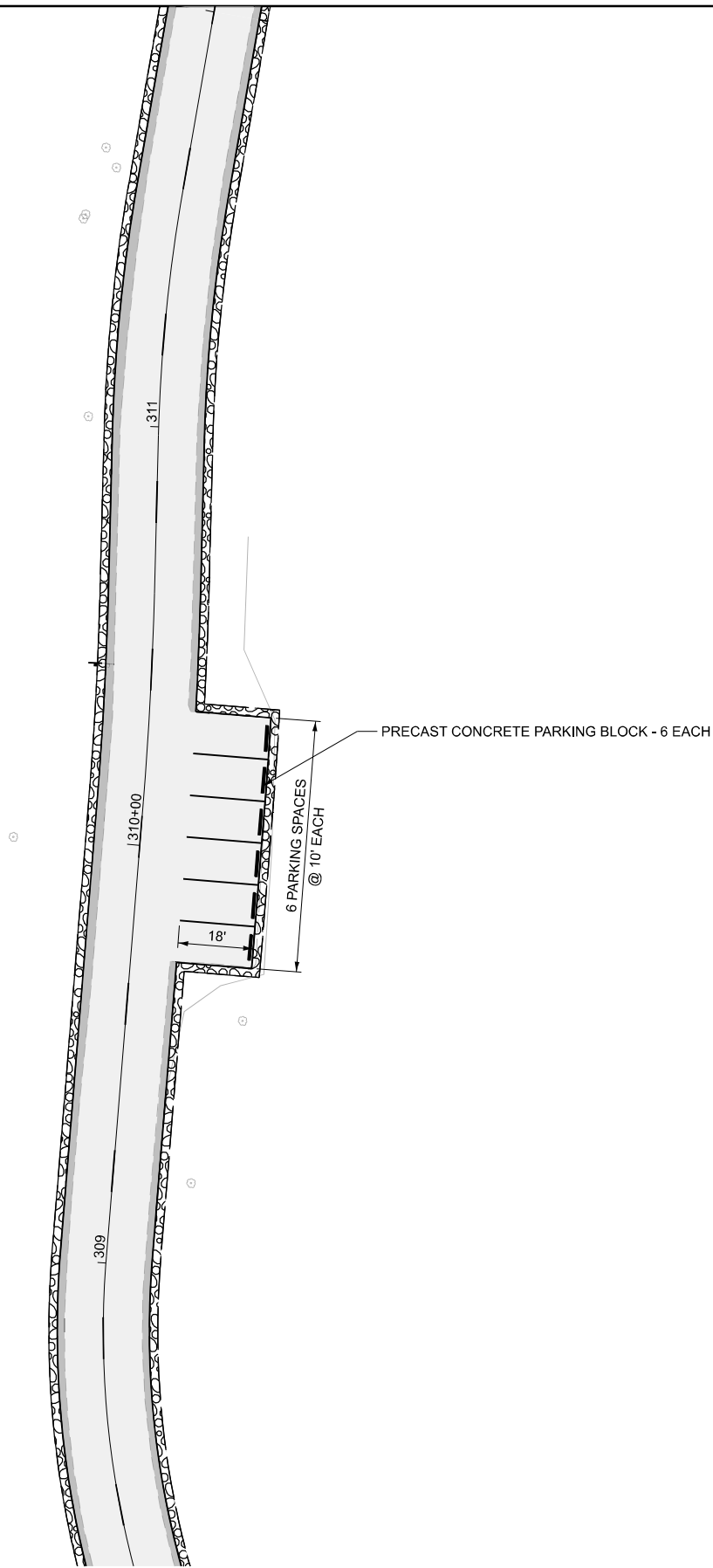
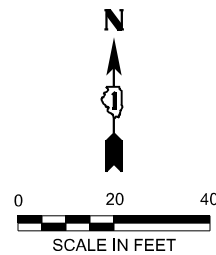
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DRAWN - WLB	REVISED -
CHECKED - JGG	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PARKING AREA PLAN - PARKING LOT 1  
 WILLIAM POWERS STATE PARK**

SCALE: 1"=20' SHEET 1 OF 10 SHEETS STA. TO STA.

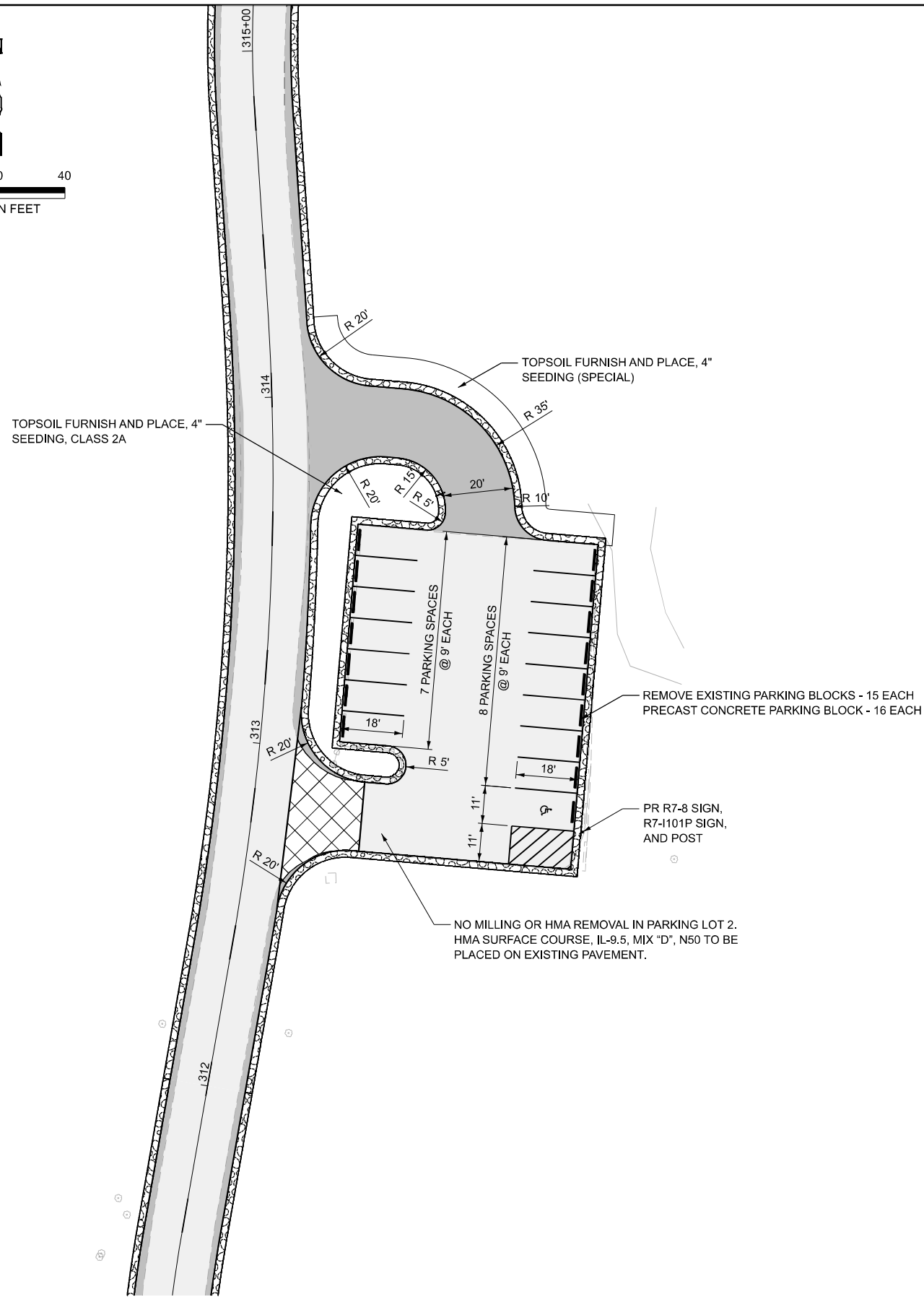
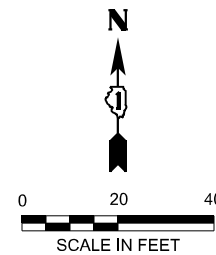
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	43
CONTRACT NO. 46952			ILLINOIS FED. AID PROJECT	



**PARKING LOT 2A**

**LEGEND**

- HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
- HMA WIDENING (SEE TYPICAL SECTIONS)
- AGGREGATE WEDGE SHOULDER, TYPE B
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TREE REMOVAL



**PARKING LOT 2**

MODEL: Parking Layout 2  
FILE NAME: p:\farnsworth\group-pw.bentley.com\firm-pw-01\Documents\2023\01543.008 - PTB 21P-034 IDOT-IDNR William Powers SRA\04\_Drawings\IGN\CAD\_Sheets\07 Plan and Profiles\02301543-sht-parkinglp2.dgn



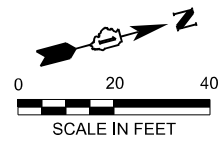
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	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PARKING AREA PLAN - PARKING LOTS 2A AND 2  
WILLIAM POWERS STATE PARK**

SCALE: 1"=20' SHEET 2 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	44
			CONTRACT NO. 46952	
ILLINOIS FED. AID PROJECT				



MODEL: Parking Layout 3  
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REMOVE EXISTING PARKING BLOCKS - 13 EACH  
 PRECAST CONCRETE PARKING BLOCK - 40 EACH

PARKING LOT 4

13 PARKING SPACES  
 @ 9' EACH

8 PARKING SPACES  
 @ 9' EACH

8 PARKING SPACES  
 @ 9' EACH

7 PARKING SPACES  
 @ 9' EACH

10 PARKING SPACES  
 @ 10' EACH

4 PARKING SPACES  
 @ 10' EACH

5 PARKING SPACES  
 @ 10' EACH

5 PARKING SPACES  
 @ 9' EACH

4 PARKING SPACES  
 @ 9' EACH

EX 583.81  
 PR 583.72  
 PORTLAND CEMENT CONCRETE  
 SIDEWALK 5 INCH - 1,269 SQ FT  
 REMOVE EXISTING  
 PARKING BLOCKS - 19 EACH  
 PRECAST CONCRETE  
 PARKING BLOCK - 19 EACH

PARK BENCH REMOVAL  
 AND RELOCATION  
 TOPSOIL FURNISH AND PLACE, 4"  
 SEEDING (SPECIAL)

PARK BENCH REMOVAL  
 AND RELOCATION

PR 583.47  
 EX 583.44  
 PR 583.81  
 EX 583.68

REMOVE SIGN PANEL ASSEMBLY - TYPE A  
 PR R7-8 SIGN, R7-I101P SIGN, AND POST

PR 584.18

REMOVE EXISTING  
 PARKING BLOCKS - 9 EACH  
 PRECAST CONCRETE  
 PARKING BLOCK - 11 EACH

DETECTABLE WARNINGS  
 (SPECIAL) - 12 SQ FT

SIDEWALK REMOVAL - 571 SQ FT  
 PORTLAND CEMENT CONCRETE  
 SIDEWALK 5 INCH - 563 SQ FT  
 DETECTABLE WARNINGS  
 (SPECIAL) - 12 SQ FT

REMOVE SIGN PANEL ASSEMBLY - TYPE A  
 PR R7-8 SIGN, R7-I101P SIGN, AND POST

PR 584.74  
 EX 584.83

SIDEWALK REMOVAL - 25 SQ FT  
 PORTLAND CEMENT CONCRETE  
 SIDEWALK 5 INCH - 25 SQ FT

EX 584.82  
 PR 584.76

REMOVE SIGN PANEL ASSEMBLY - TYPE A  
 PR R7-8 SIGN, R7-I101P SIGN, AND POST

PR 584.78  
 EX 584.87

SIDEWALK REMOVAL - 29 SQ FT  
 PORTLAND CEMENT CONCRETE  
 SIDEWALK 5 INCH - 30 SQ FT

EX 584.96  
 EX 584.95

EX 584.89  
 PR 584.87

SIDEWALK REMOVAL - 30 SQ FT  
 PORTLAND CEMENT CONCRETE  
 SIDEWALK 5 INCH - 25 SQ FT  
 DETECTABLE WARNINGS  
 (SPECIAL) - 10 SQ FT

EX 584.66  
 EX 584.68

PR 584.65

PR 584.63

PR 584.50

PR 584.18

PARKING LOT 5

LEGEND	
	HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
	HMA WIDENING (SEE TYPICAL SECTIONS)
	AGGREGATE WEDGE SHOULDER, TYPE B
	HMA SURFACE REMOVAL, VARIABLE DEPTH
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TREE REMOVAL

**Farnsworth GROUP**  
 2211 BRADLEY AVENUE  
 CHAMPAIGN, ILLINOIS 61821  
 (217) 352-7408 / info@f-w.com

USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
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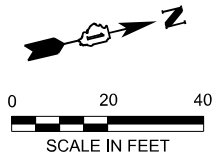
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

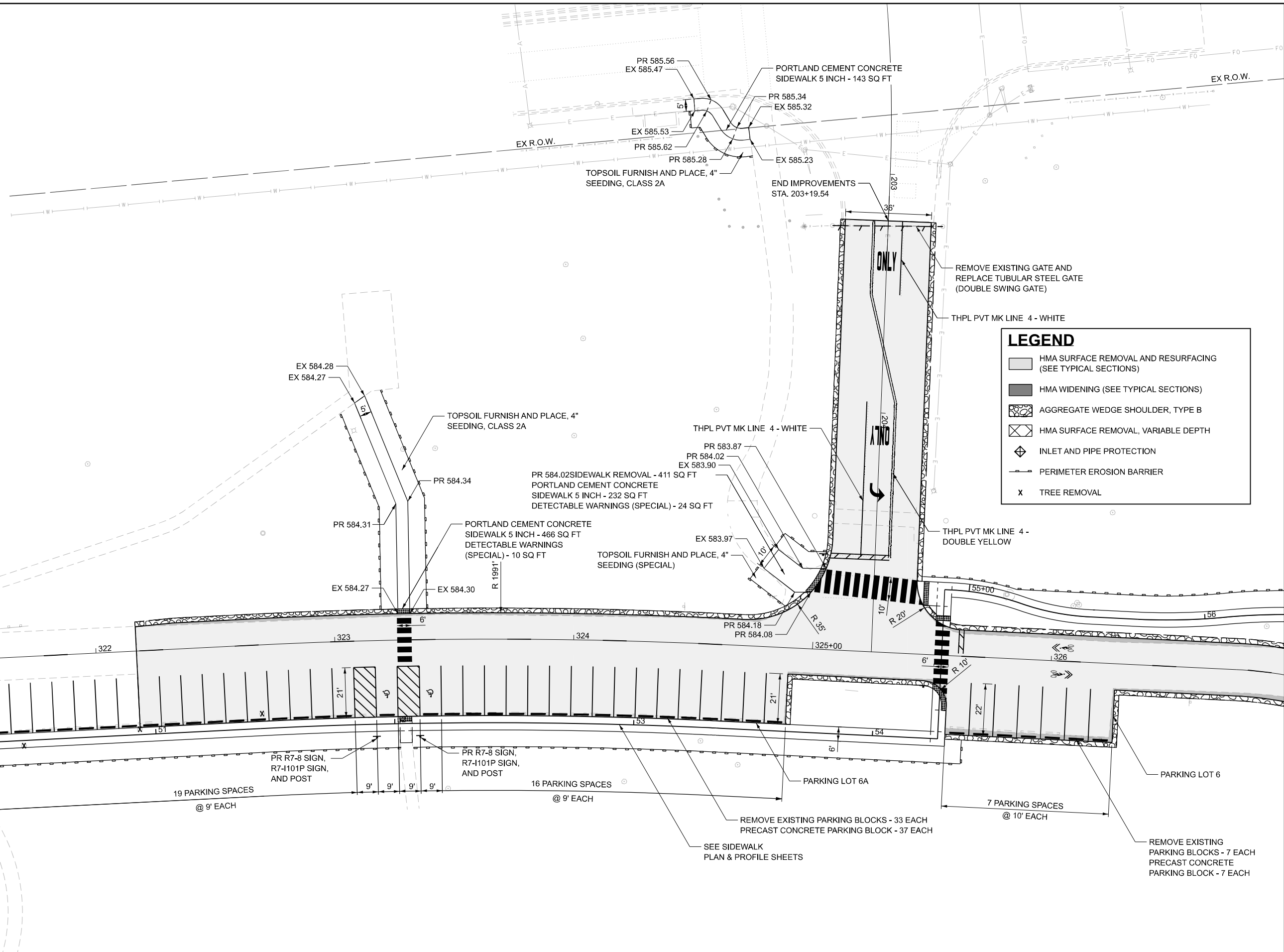
PARKING AREA PLAN - PARKING LOTS 3, 4, AND 5  
 WILLIAM POWERS STATE PARK

SCALE: 1"=20' SHEET 3 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	45
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



MODEL: Parking Layout 4  
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**LEGEND**

- HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
- HMA WIDENING (SEE TYPICAL SECTIONS)
- AGGREGATE WEDGE SHOULDER, TYPE B
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- X TREE REMOVAL

19 PARKING SPACES @ 9' EACH

PR R7-8 SIGN, R7-1101P SIGN, AND POST

16 PARKING SPACES @ 9' EACH

PR R7-8 SIGN, R7-1101P SIGN, AND POST

PARKING LOT 6A

7 PARKING SPACES @ 10' EACH

PARKING LOT 6

REMOVE EXISTING PARKING BLOCKS - 33 EACH  
 PRECAST CONCRETE PARKING BLOCK - 37 EACH

SEE SIDEWALK PLAN & PROFILE SHEETS

REMOVE EXISTING PARKING BLOCKS - 7 EACH  
 PRECAST CONCRETE PARKING BLOCK - 7 EACH



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

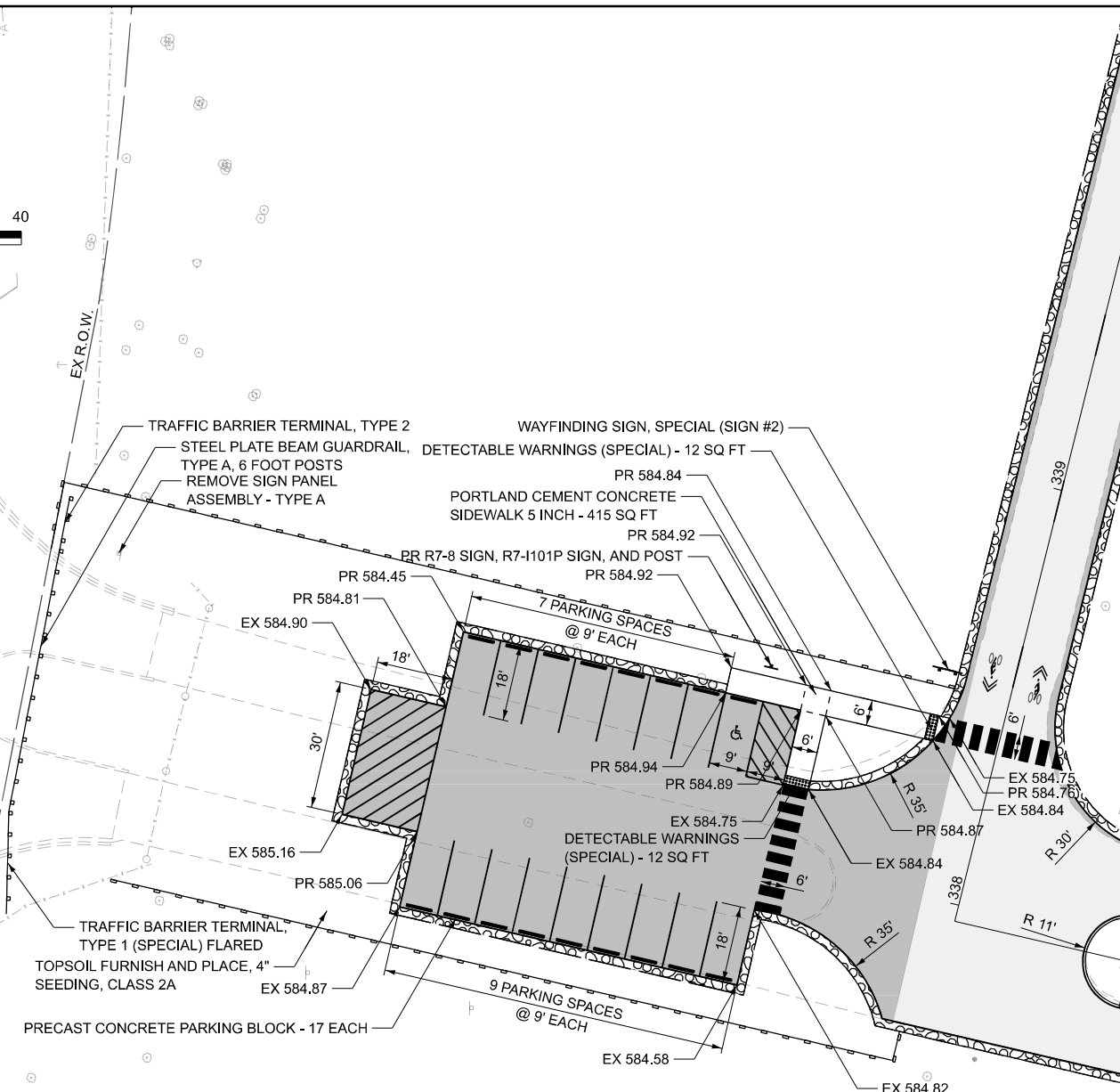
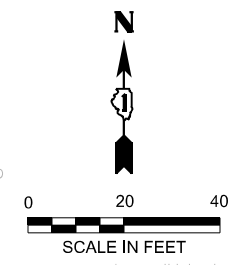
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PARKING AREA PLAN - PARKING LOTS 6A, 6, AND NEW ENTRANCE  
WILLIAM POWERS STATE PARK**

SCALE: 1"=20'    SHEET 4 OF 10 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	46
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

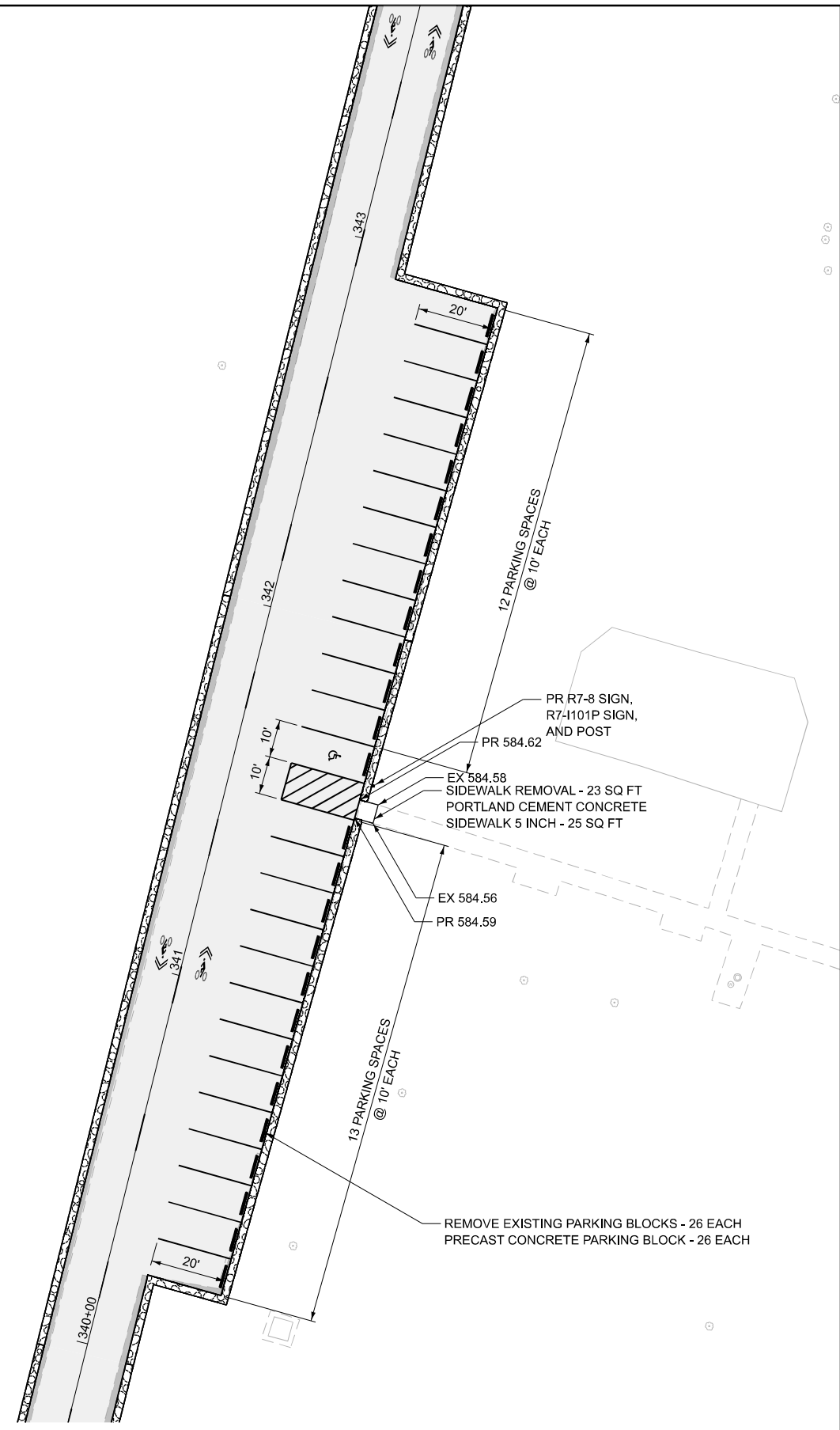
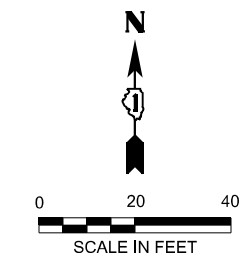
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**LEGEND**

	HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
	HMA WIDENING (SEE TYPICAL SECTIONS)
	AGGREGATE WEDGE SHOULDER, TYPE B
	HMA SURFACE REMOVAL, VARIABLE DEPTH
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TREE REMOVAL

**PARKING LOT 7**



**PARKING LOT 8A**



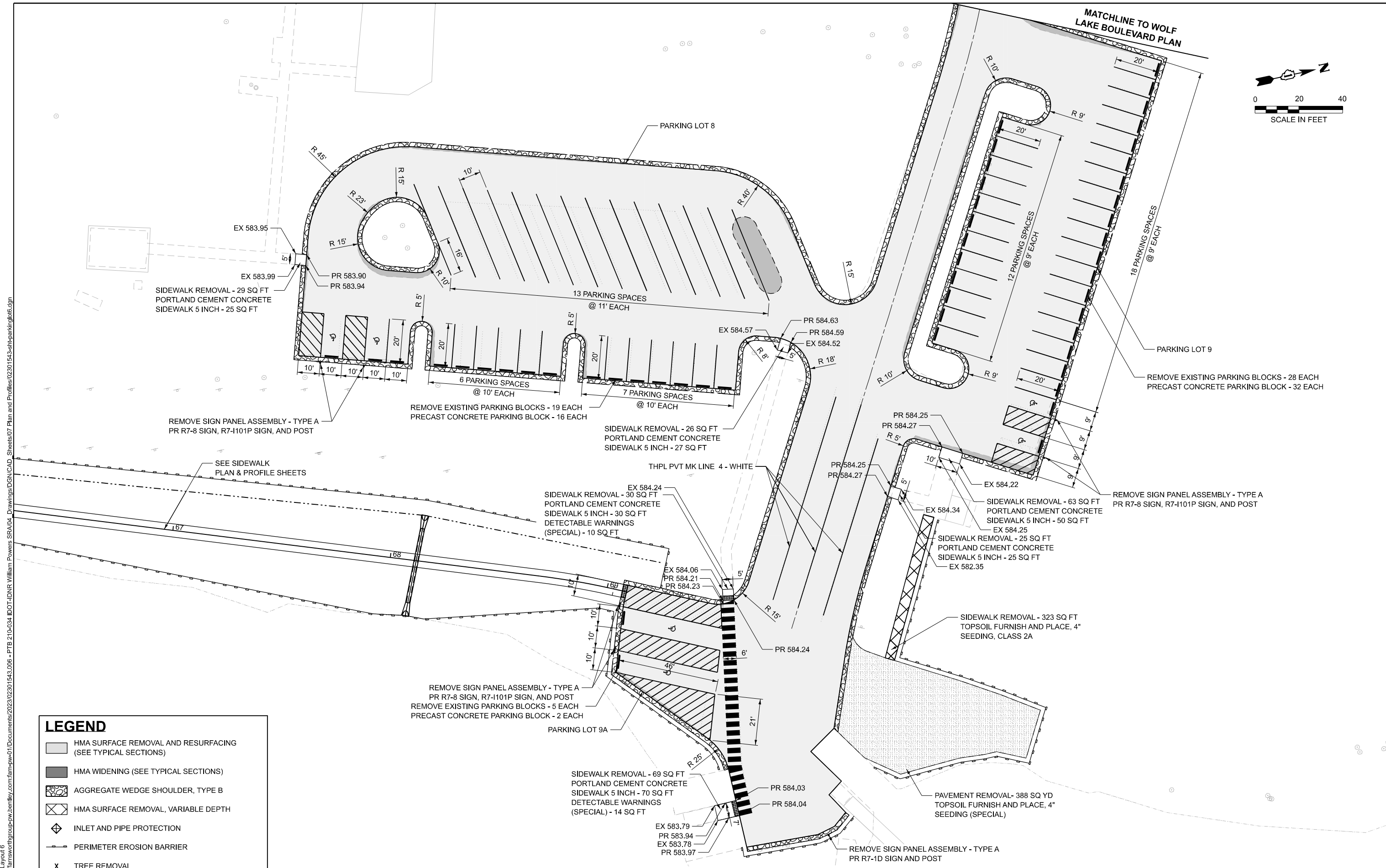
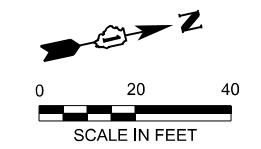
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	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PARKING AREA PLAN - PARKING LOTS 7 AND 8A  
WILLIAM POWERS STATE PARK**

SCALE: 1"=20' SHEET 5 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	47
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



LEGEND	
	HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
	HMA WIDENING (SEE TYPICAL SECTIONS)
	AGGREGATE WEDGE SHOULDER, TYPE B
	HMA SURFACE REMOVAL, VARIABLE DEPTH
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TREE REMOVAL

MODEL: Parking Layout 6  
 FILE NAME: p:\farnsworth\group-pw-bentley.com\firm-pw-01\Documents\2023\02\301543.008 - PTB 21P-034 IDOT-IDNR William Powers SRA\04 Drawings\DWG\CAD Sheets\07 Plan and Profiles\02301543-sht-parkinglot6.dgn



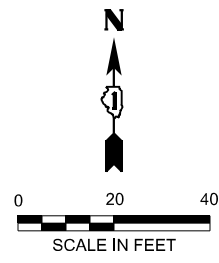
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PLOT DATE = 4/1/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

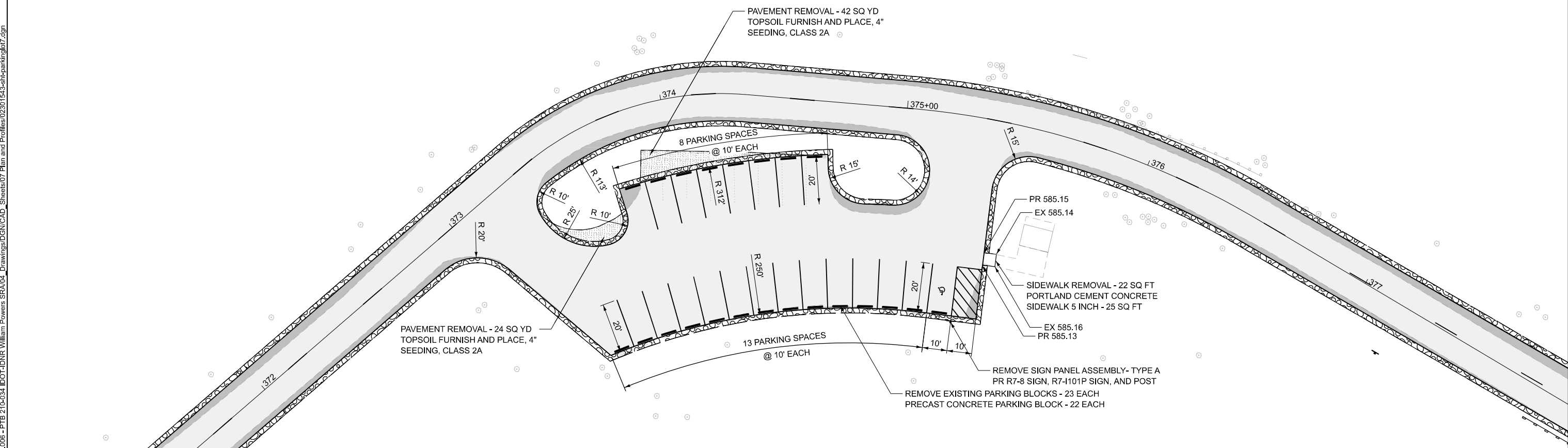
**PARKING AREA PLAN - PARKING LOTS 8, 9A, AND 9  
WILLIAM POWERS STATE PARK**

SCALE: 1"=20' SHEET 6 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	48
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



MODEL: Parking Layout 7  
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LEGEND	
	HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
	HMA WIDENING (SEE TYPICAL SECTIONS)
	AGGREGATE WEDGE SHOULDER, TYPE B
	HMA SURFACE REMOVAL, VARIABLE DEPTH
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TREE REMOVAL

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	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

DESIGNED - MKB	REVISED -
DRAWN - WLB	REVISED -
CHECKED - JGG	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

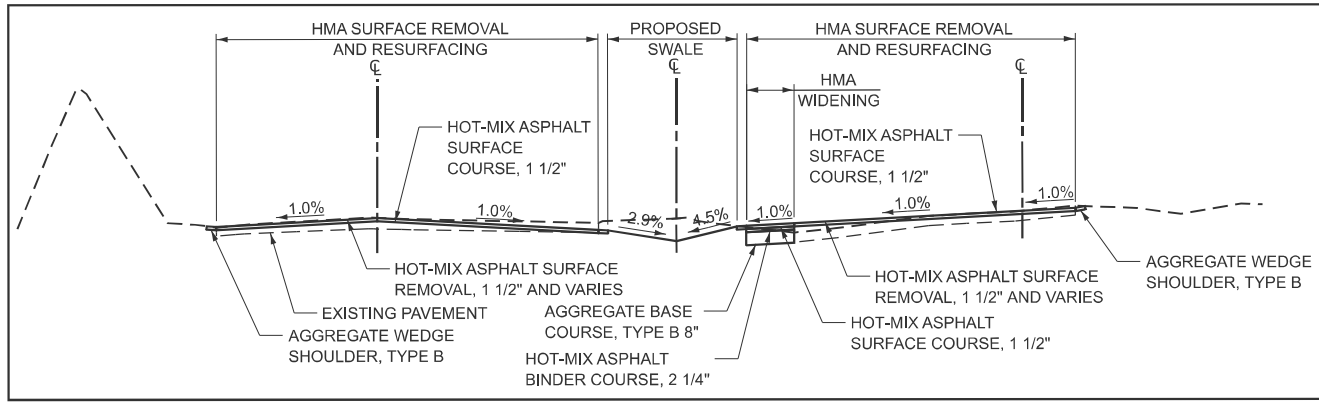
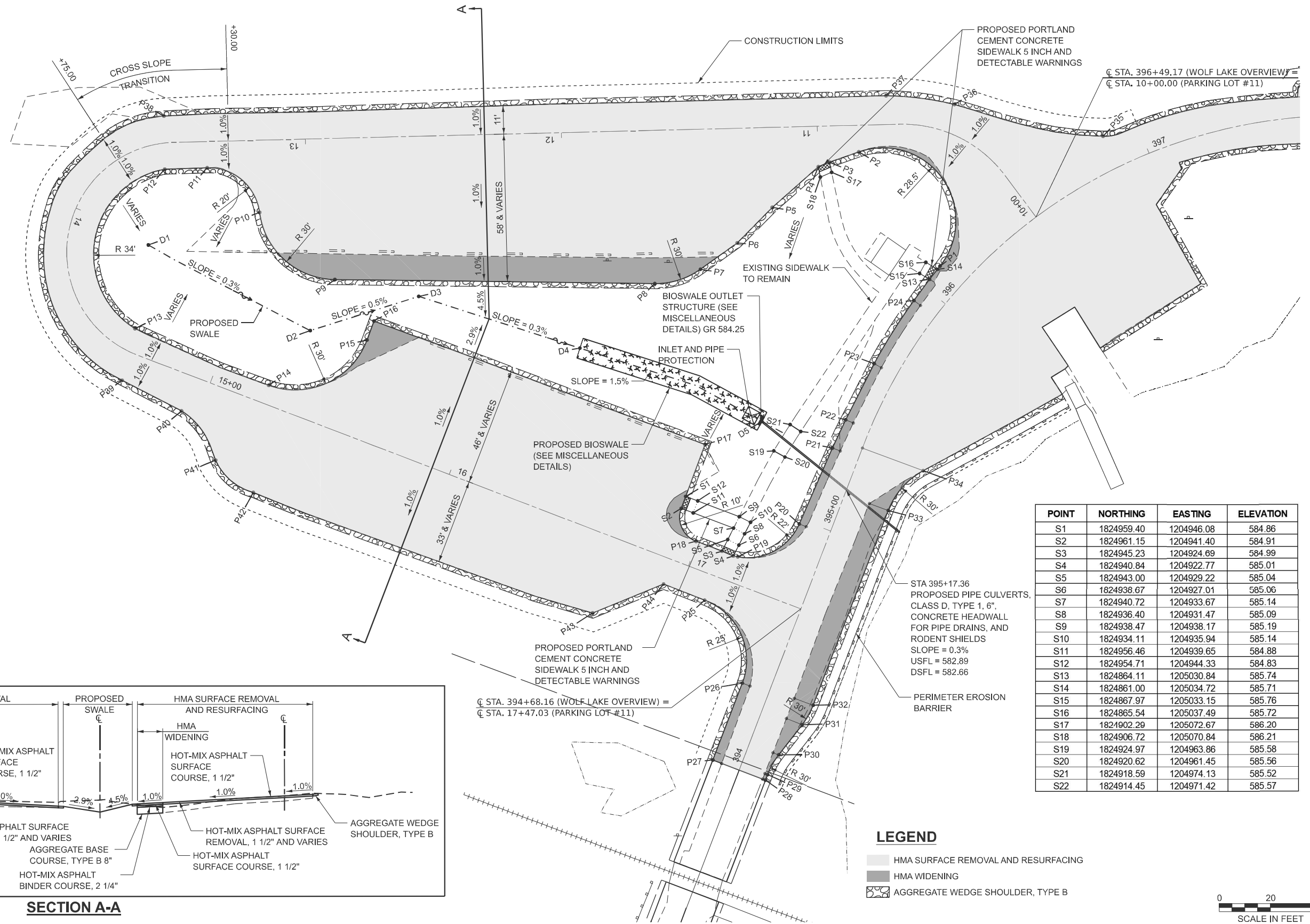
**PARKING AREA PLAN - PARKING LOT 10**  
**WILLIAM POWERS STATE PARK**

SCALE: 1"=20' SHEET 7 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	49
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



POINT	NORTHING	EASTING	ELEVATION
P1	1824860.02	1205035.95	585.76
P2	1824891.68	1205080.66	586.23
P3	1824903.13	1205076.66	586.31
P4	1824907.49	1205074.85	586.32
P5	1824925.46	1205058.97	586.15
P6	1824939.20	1205045.13	586.01
P7	1824953.56	1205034.87	585.98
P8	1824971.41	1205029.28	585.90
P9	1825096.38	1205030.95	586.13
P10	1825125.74	1205057.18	586.42
P11	1825146.21	1205074.66	586.65
P12	1825162.80	1205074.14	586.60
P13	1825174.45	1205011.84	586.22
P14	1825122.24	1204989.62	586.16
P15	1825083.84	1205007.29	586.09
P16	1825081.08	1205014.67	586.02
P17	1824951.82	1204966.33	584.64
P18	1824955.35	1204928.55	584.97
P19	1824939.09	1204922.46	585.03
P20	1824915.05	1204935.29	585.41
P21	1824902.05	1204964.95	585.89
P22	1824896.89	1204975.96	585.97
P23	1824885.73	1204997.90	585.89
P24	1824870.18	1205022.55	585.64
P25	1824952.01	1204905.53	584.99
P26	1824937.35	1204873.12	585.26
P27	1824948.88	1204843.07	584.89
P28	1824928.34	1204835.19	585.02
P29	1824927.50	1204837.37	585.04
P30	1824923.17	1204845.04	585.12
P31	1824913.99	1204856.84	585.11
P32	1824909.69	1204864.45	585.15
P33	1824880.30	1204940.51	585.48
P34	1824866.65	1204956.05	585.38
P35	1824796.31	1205086.66	586.06
P36	1824854.33	1205099.15	586.06
P37	1824881.02	1205102.58	586.32
P38	1825163.11	1205094.86	586.33
P39	1825179.53	1204991.67	586.25
P40	1825156.31	1204979.67	586.14
P41	1825143.03	1204960.41	585.96
P42	1825128.30	1204947.76	585.96
P43	1824995.79	1204900.58	584.98
P44	1824968.07	1204911.87	584.97
D1	1825169.21	1205044.51	585.80
D2	1825106.04	1205011.01	585.57
D3	1825063.61	1205024.34	585.36
D4	1825000.67	1205004.06	585.14
D5	1824929.63	1204975.39	584.00



**SECTION A-A**

POINT	NORTHING	EASTING	ELEVATION
S1	1824959.40	1204946.08	584.86
S2	1824961.15	1204941.40	584.91
S3	1824945.23	1204924.69	584.99
S4	1824940.84	1204922.77	585.01
S5	1824943.00	1204929.22	585.04
S6	1824938.67	1204927.01	585.06
S7	1824940.72	1204933.67	585.14
S8	1824936.40	1204931.47	585.09
S9	1824938.47	1204938.17	585.19
S10	1824934.11	1204935.94	585.14
S11	1824956.46	1204939.65	584.88
S12	1824954.71	1204944.33	584.83
S13	1824864.11	1205030.84	585.74
S14	1824861.00	1205034.72	585.71
S15	1824867.97	1205033.15	585.76
S16	1824865.54	1205037.49	585.72
S17	1824902.29	1205072.67	586.20
S18	1824906.72	1205070.84	586.21
S19	1824924.97	1204963.86	585.58
S20	1824920.62	1204961.45	585.56
S21	1824918.59	1204974.13	585.52
S22	1824914.45	1204971.42	585.57

**LEGEND**

- HMA SURFACE REMOVAL AND RESURFACING
- HMA WIDENING
- AGGREGATE WEDGE SHOULDER, TYPE B



MODEL - Sheet - Parking Lot - Drainage  
FILE NAME: c:\pwworking\barnc-pw-31\mso014911201864\_006-Shr-Parking Lot Detail.dgn



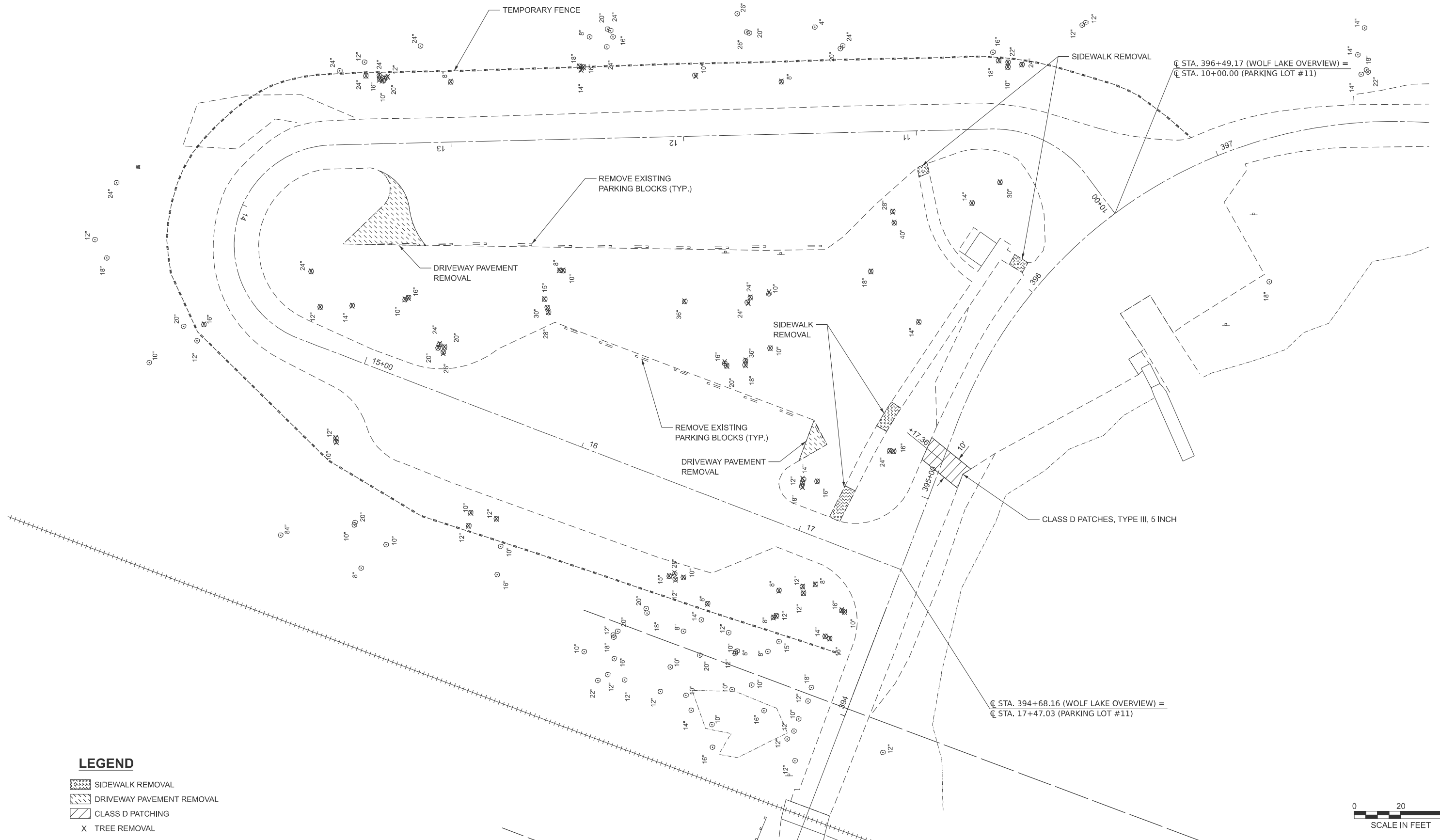
USER NAME = daira.hoffmann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PARKING LOT #11 AND #12 DETAILS - PROPOSED  
WILLIAM POWERS STATE PARK**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	50
CONTRACT NO. 46952				
ILLINOIS / FED. AID PROJECT				



**LEGEND**

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHING
- X TREE REMOVAL



MODEL: Sheet - Parking Lot - Removal  
 FILE NAME: c:\pwworking\bar-pw-31\dms014911201864\_006-Sh+Parking Lot Detail.dgn



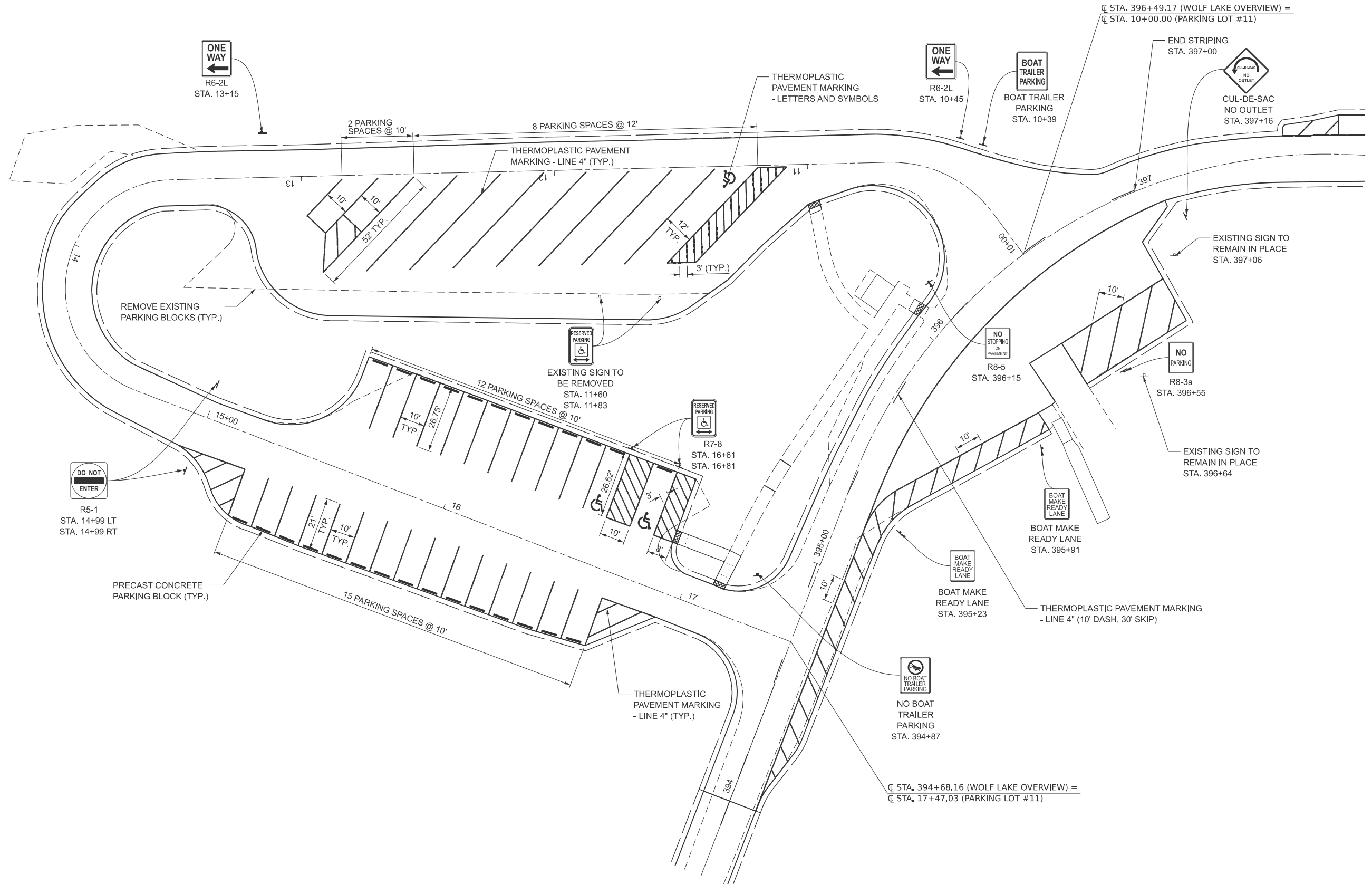
USER NAME = marcus.mconachle	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PARKING LOT #11 AND #12 DETAILS - REMOVAL**  
**WILLIAM POWERS STATE PARK**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	51
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



MODEL: Parking Lot (Sheet)  
 FILE NAME: c:\p\working\lrm-pw-01\dms014911201864\_006-Shr-Parking\_Lot\_Detail.dgn



USER NAME = marcus.mcconachle	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

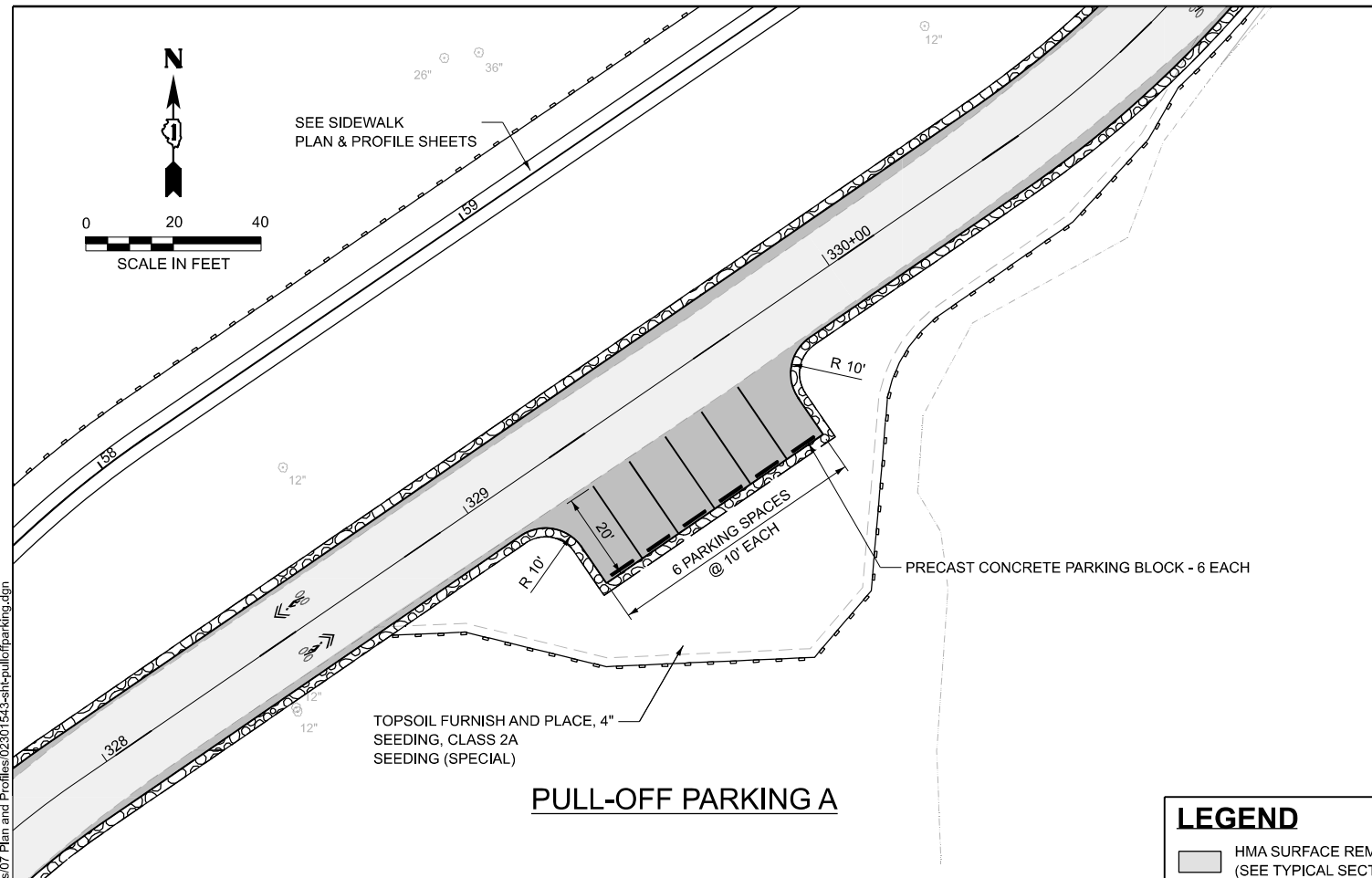
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PARKING LOT #11 AND #12 DETAILS - PAVEMENT MARKING & SIGNING**  
**WILLIAM POWERS STATE PARK**

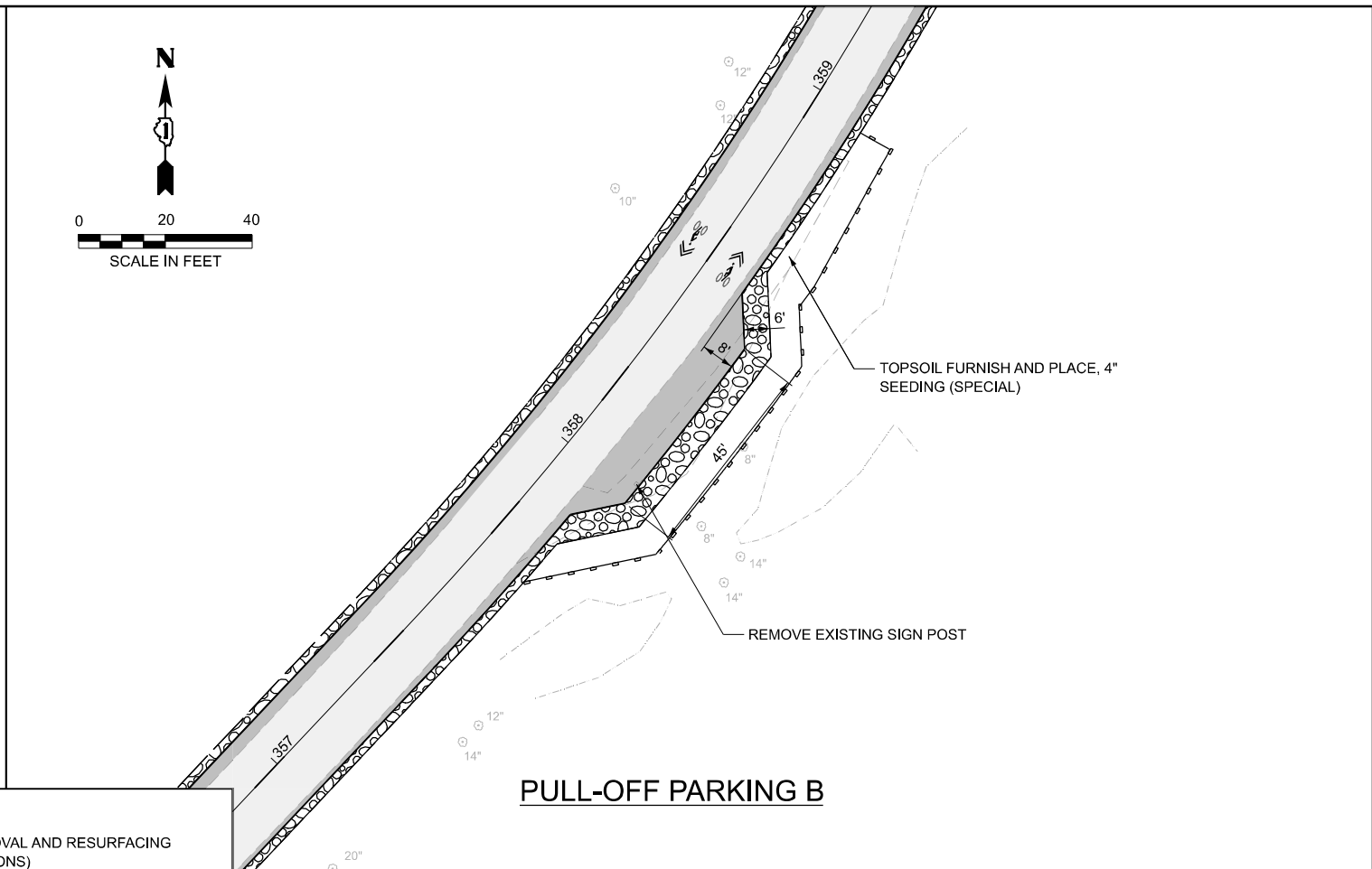
SCALE: 1"=20'      SHEET 3 OF 3 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	52
CONTRACT NO. 46952				
		ILLINOIS	FED. AID PROJECT	

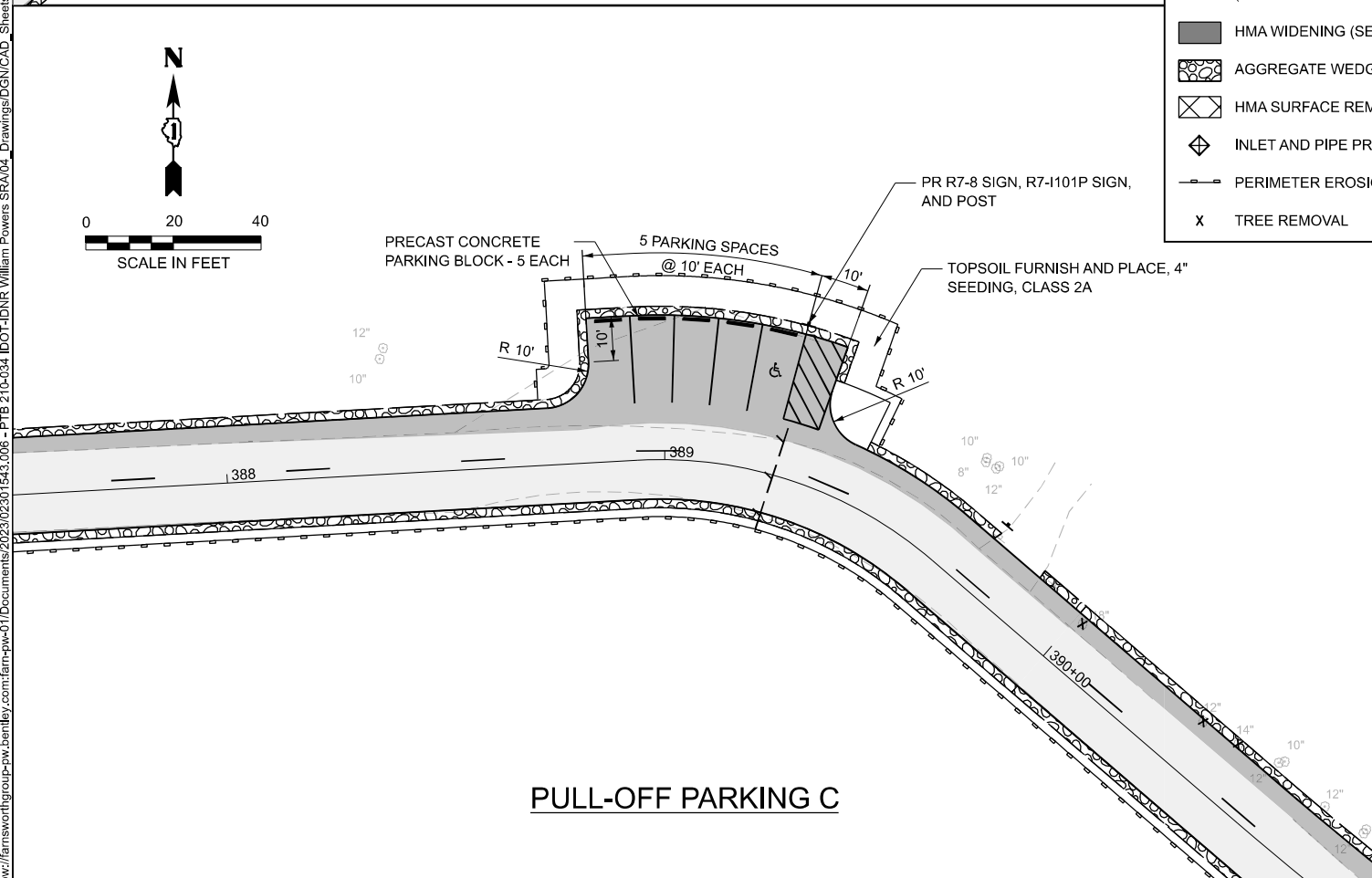
MODEL: PullOffParking  
 FILE NAME: p:\w\arnsworthgroup-pw.bentley.com\arn-pw-01\Documents\2023\02\301543\006 - PTB 21P-034 IDOT-IDNR William Powers SRA\04 - Drawings\IGN\CAD\_Sheets\07 Plan and Profiles\02301543-sht-pull-offparking.dgn



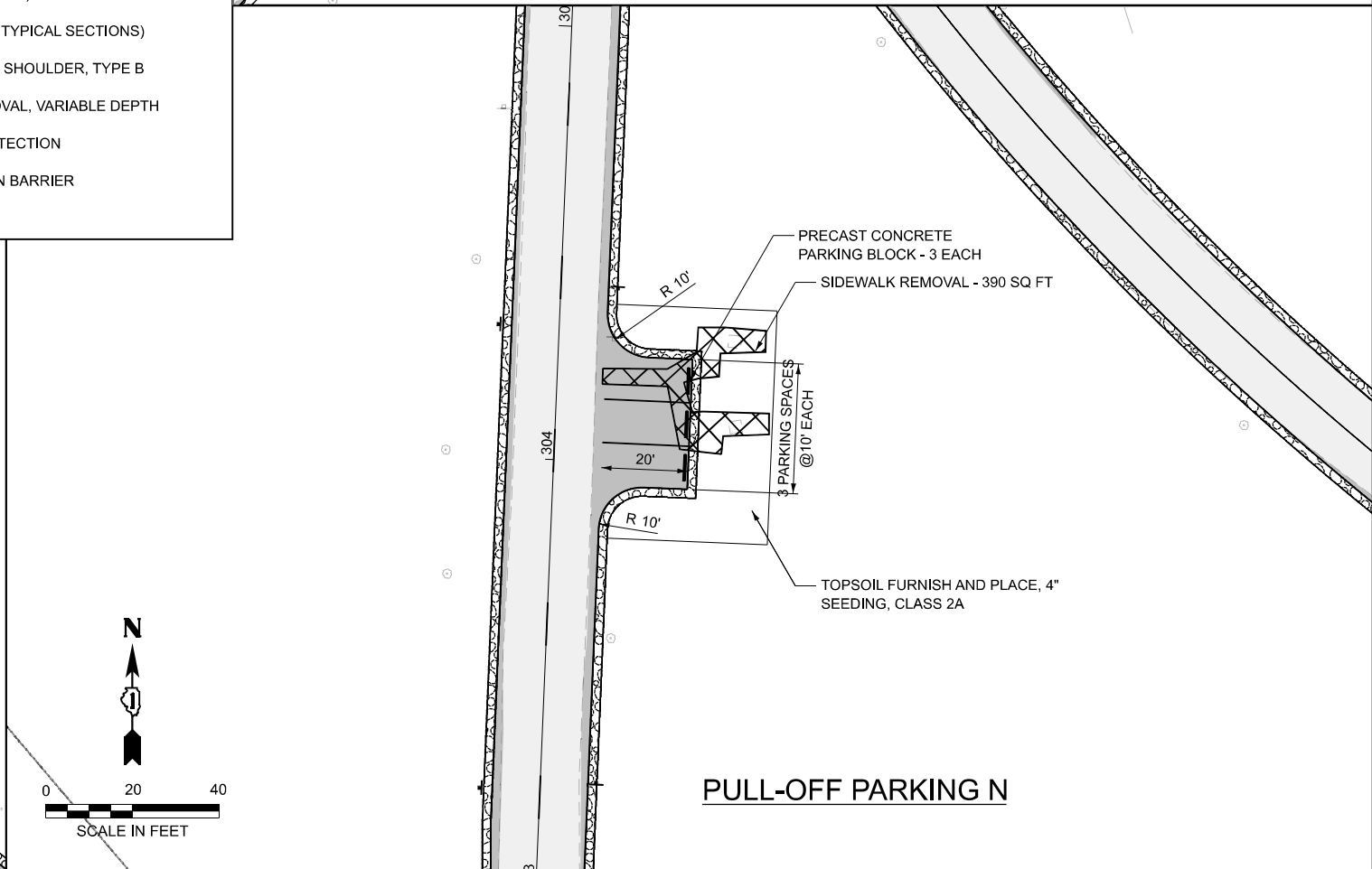
**PULL-OFF PARKING A**



**PULL-OFF PARKING B**



**PULL-OFF PARKING C**



**PULL-OFF PARKING N**

**LEGEND**

- HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
- HMA WIDENING (SEE TYPICAL SECTIONS)
- AGGREGATE WEDGE SHOULDER, TYPE B
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TREE REMOVAL



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

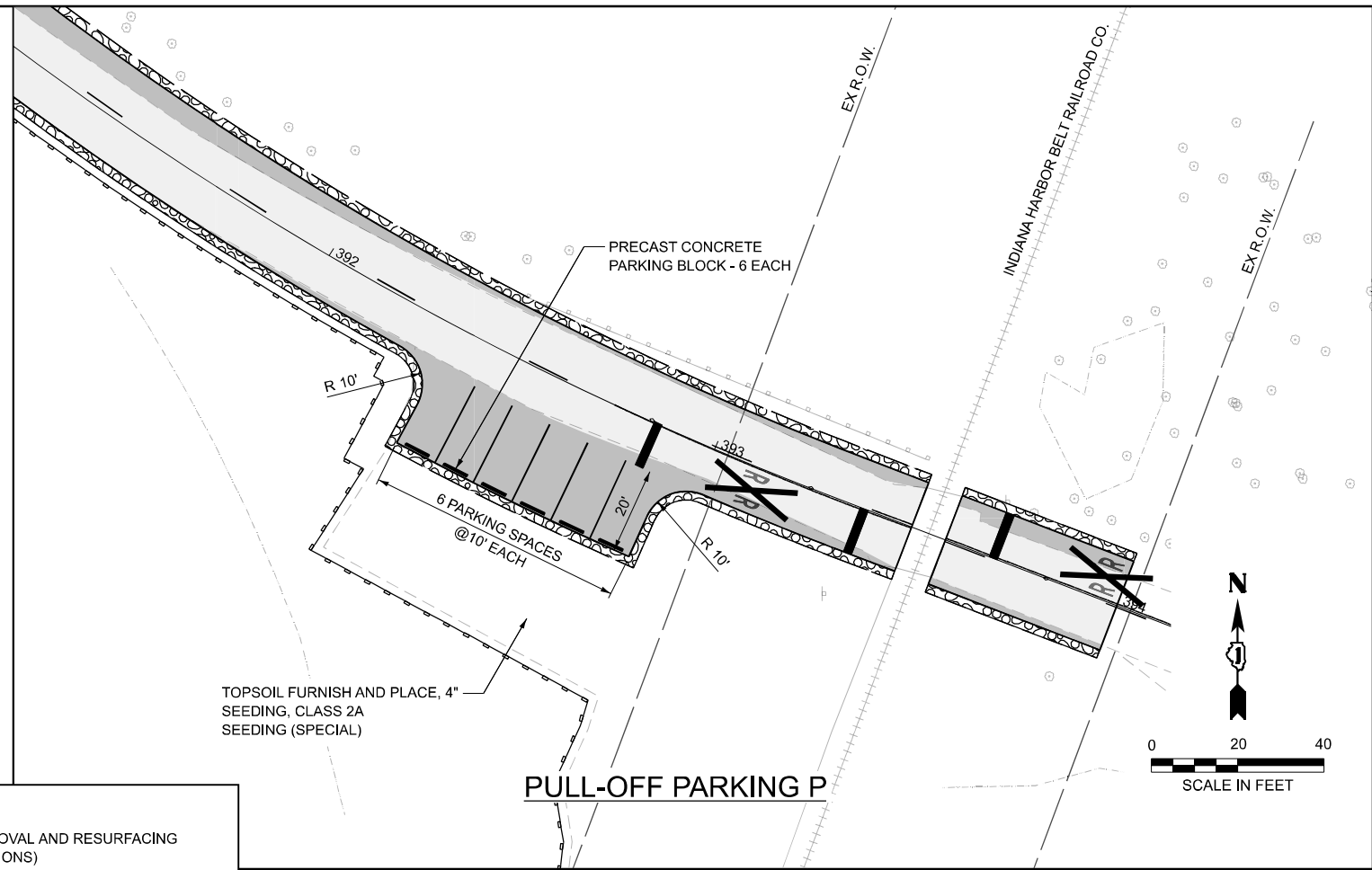
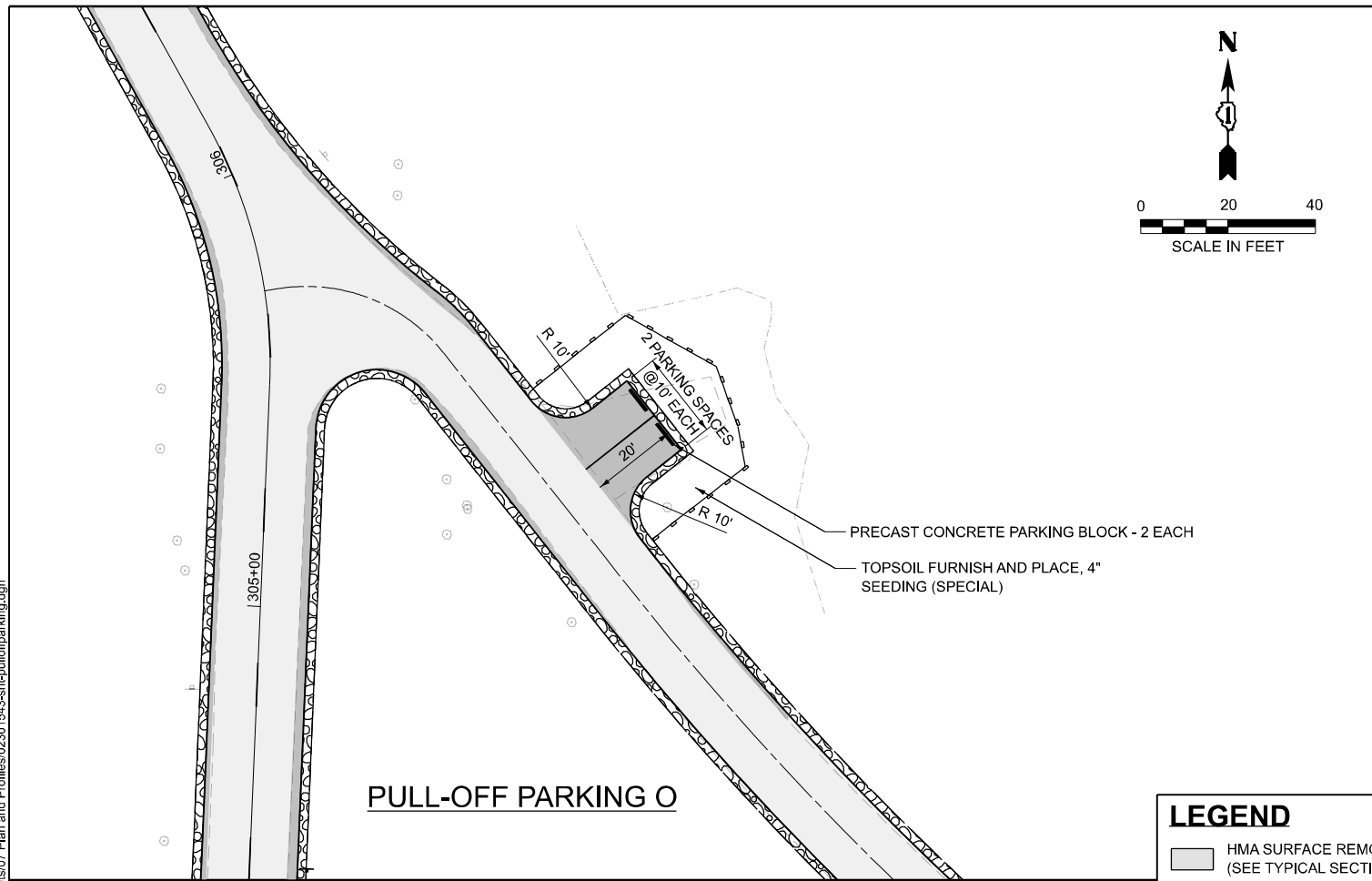
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PULL-OFF PARKING AREA PLAN - PULL-OFF PARKING A, B, C, AND N  
 WILLIAM POWERS STATE PARK**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	53
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PullOffParking-2  
 FILE NAME: c:\farnsworthgroup-pw\entel\com\iam-cv\01\Documents\2023\01543.006 - PTB 21\0-034 IDOT-IDNR William Powers SRA\04\_Drawings\DWG\CAD\_Sheets\07 Plan and Profiles\02301543-sh-pull-offparking.dgn



**LEGEND**

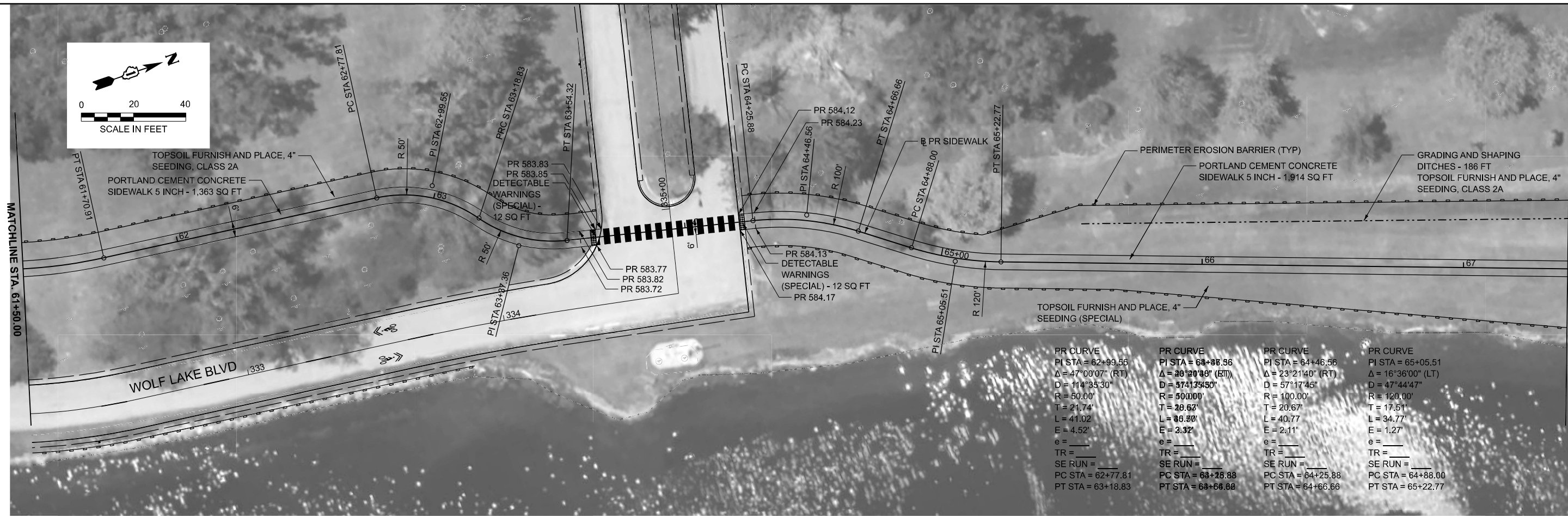
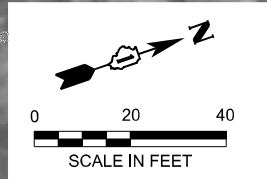
- HMA SURFACE REMOVAL AND RESURFACING (SEE TYPICAL SECTIONS)
- HMA WIDENING (SEE TYPICAL SECTIONS)
- AGGREGATE WEDGE SHOULDER, TYPE B
- HMA SURFACE REMOVAL, VARIABLE DEPTH
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- x TREE REMOVAL

USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

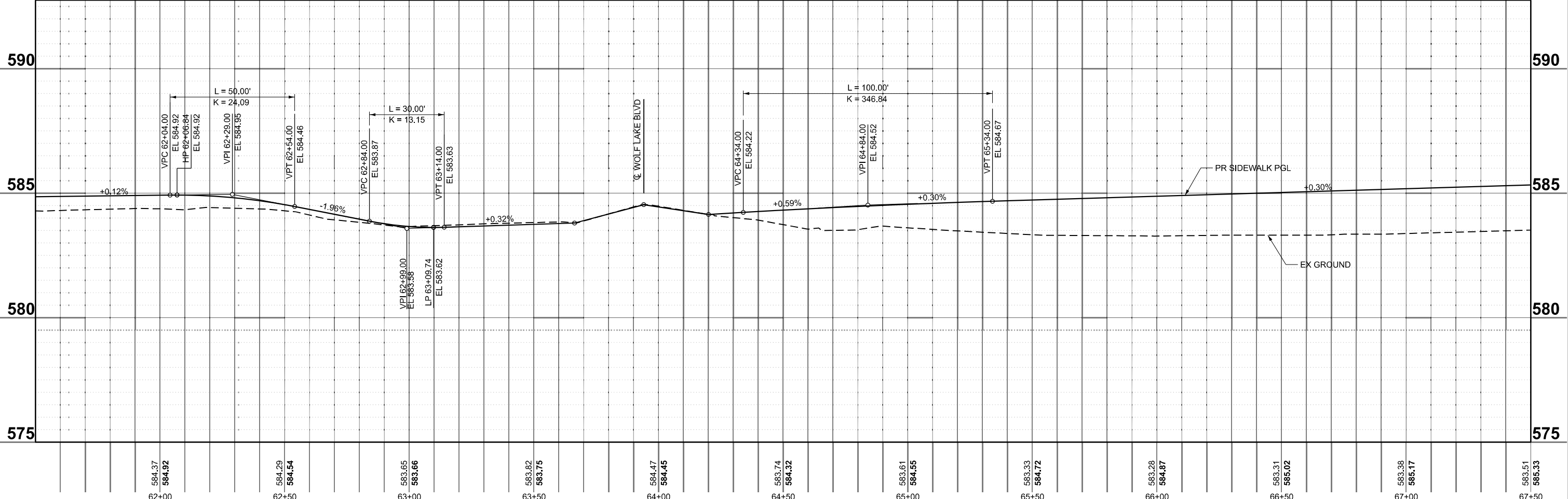
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	54
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				







PR CURVE	PR CURVE	PR CURVE	PR CURVE
PI STA = 62+99.55	PI STA = 63+88.56	PI STA = 64+46.56	PI STA = 65+05.51
$\Delta = 47^{\circ}00'07''$ (RT)	$\Delta = 20^{\circ}20'30''$ (RT)	$\Delta = 23^{\circ}21'40''$ (RT)	$\Delta = 16^{\circ}36'00''$ (LT)
D = 114'35.30'	D = 574.13' (550')	D = 57'17.45'	D = 47'44.47'
R = 50.00'	R = 50.00'	R = 100.00'	R = 120.00'
T = 21.74'	T = 20.67'	T = 20.67'	T = 17.51'
L = 41.02'	L = 36.30'	L = 40.77'	L = 34.77'
E = 4.52'	E = 3.32'	E = 2.11'	E = 1.27'
e = _____	e = _____	e = _____	e = _____
TR = _____	TR = _____	TR = _____	TR = _____
SE RUN = _____	SE RUN = _____	SE RUN = _____	SE RUN = _____
PC STA = 62+77.81	PC STA = 63+28.88	PC STA = 64+25.88	PC STA = 64+88.00
PT STA = 63+18.83	PT STA = 63+66.66	PT STA = 64+66.66	PT STA = 65+22.77



**Farnsworth GROUP**  
 2211 BRADLEY AVENUE  
 CHAMPAIGN, ILLINOIS 61821  
 (217) 352-7408 / info@f-w.com

USER NAME = marmstrong	DESIGNED - MKB	REVISED -
PLOT DATE = 4/1/2026	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
	DATE -	REVISED -

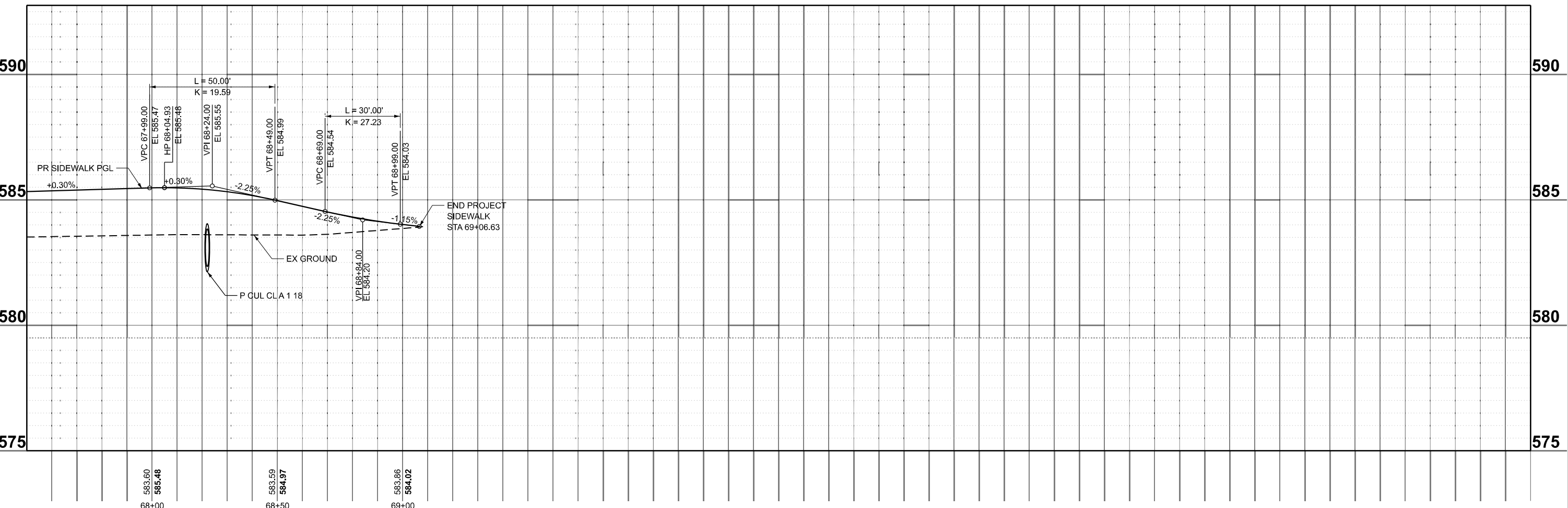
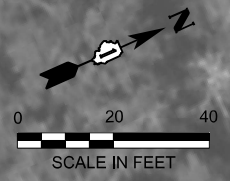
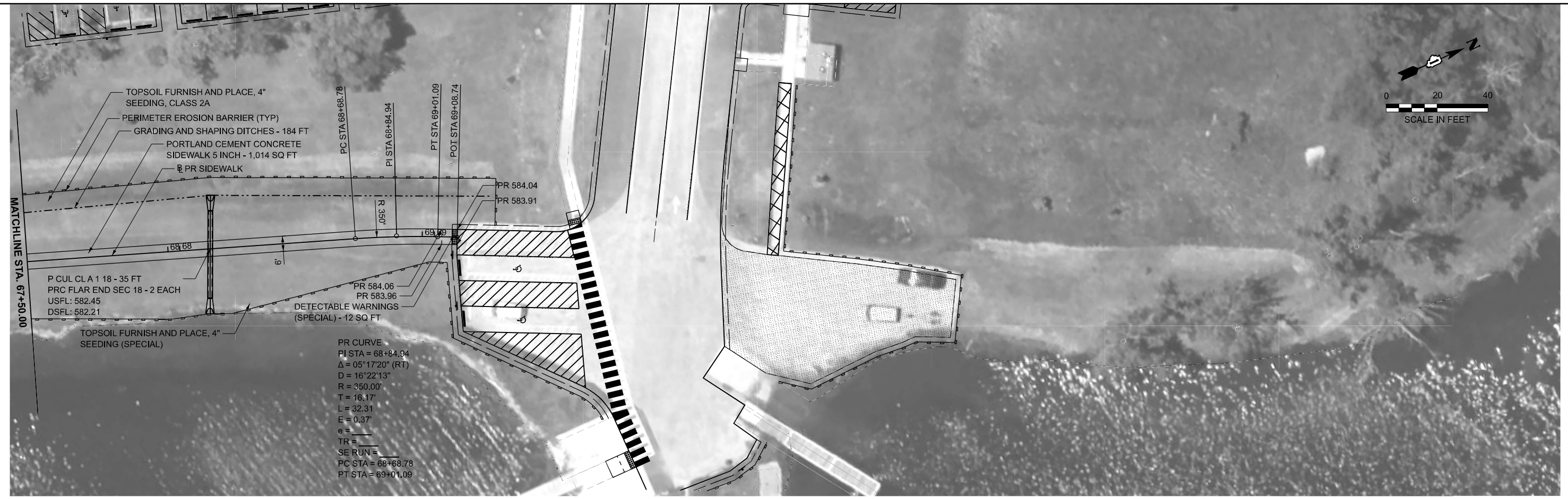
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN AND PROFILE  
 WILLIAM POWERS STATE PARK**

SCALE: 1"=20'      SHEET 3 OF 4 SHEETS      STA. 61+50.00 TO STA. 67+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	57
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: Pedestrian Path 3  
 FILE NAME: p:\w\fransworth\group-pw\benley.com\iam-pw\01\Documents\2023\02\301543\006 - PTB 21P-034 IDOT-IDNR William Powers SRV04 Drawings\IGN\CAD\_Sheets\07 Plan and Profiles\2023\02\301543\shp\ppr-multi-use3.dgn



MODEL: Pedestrian Path 4  
 FILE NAME: p:\w\arnsworth\group-pw\benley.com\arn-pw-01\Documents\2023\02\301543.006 - PTB 21P-034 IDOT-IDNR William Powers SRAV04 Drawings\IGN\CAD\_Sheets\07 Plan and Profiles\02301543-sht-prfp-multi-use4.dgn

**Farnsworth GROUP**  
 2211 BRADLEY AVENUE  
 CHAMPAIGN, ILLINOIS 61821  
 (217) 352-7408 / info@f-w.com

USER NAME = marmstrong  
 PLOT DATE = 4/1/2026

DESIGNED - MKB  
 DRAWN - WLB  
 CHECKED - JGG  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

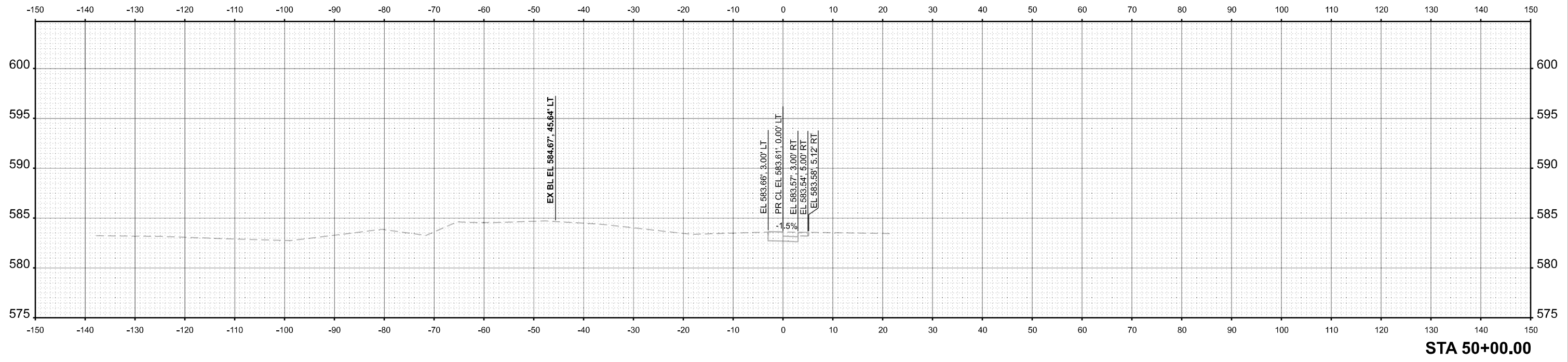
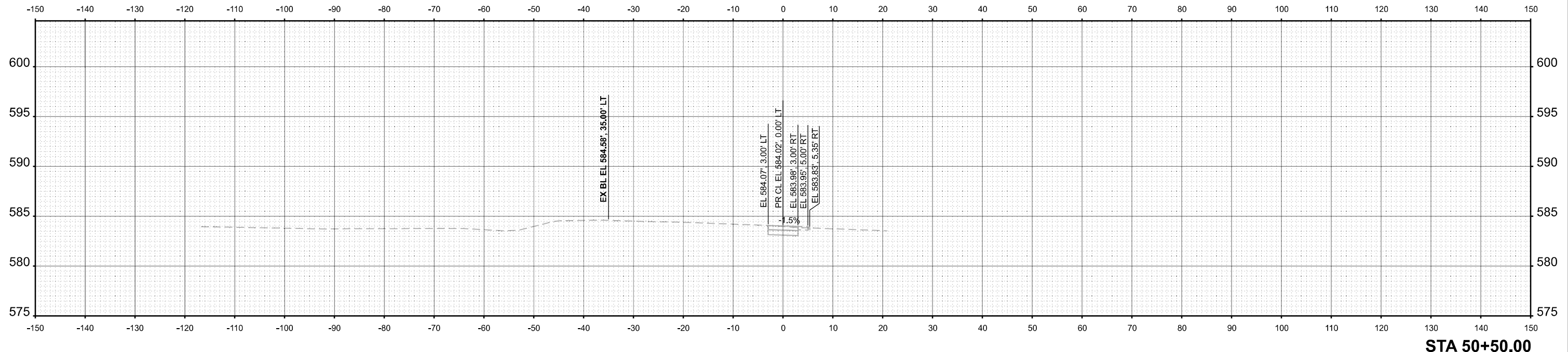
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SIDEWALK PLAN AND PROFILE**  
**WILLIAM POWERS STATE PARK**

SCALE: 1"=20'    SHEET 4 OF 4 SHEETS    STA. 67+50.00 TO STA. 73+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	58
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PE\_MULTUSERPATH\_50+00.00  
 FILE NAME: c:\farnsworth\group\p\w\benlley.com\iam-pw\01\Documents\2023\01543.006-PTB 21\034 IDOT-IDNR William Powers SRA\04 Drawings\DN\CAD\_Sheets\21 Cross Sections\02301543-sht-vssht.dgn



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

DESIGNED - MKB	REVISED -
DRAWN - WLB	REVISED -
CHECKED - JGG	REVISED -
DATE -	REVISED -

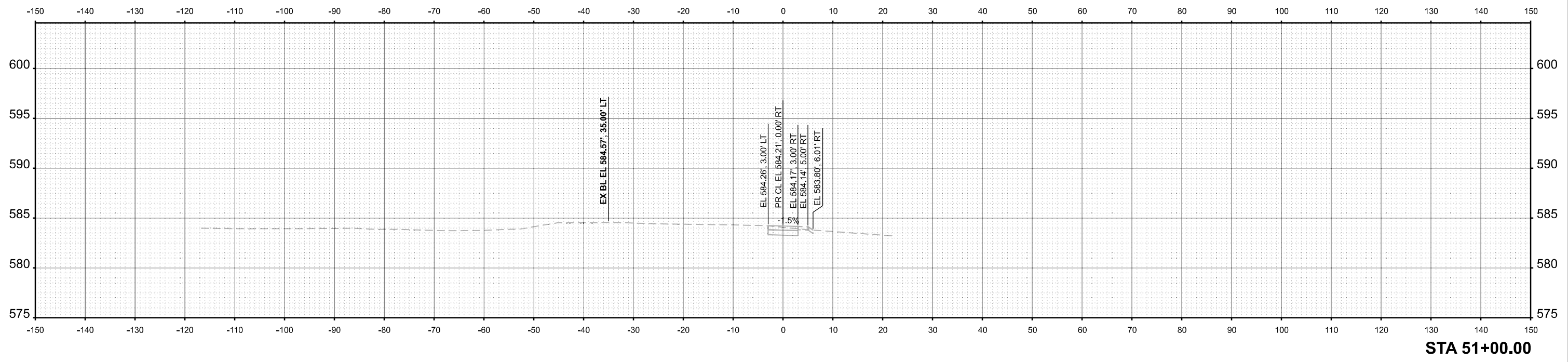
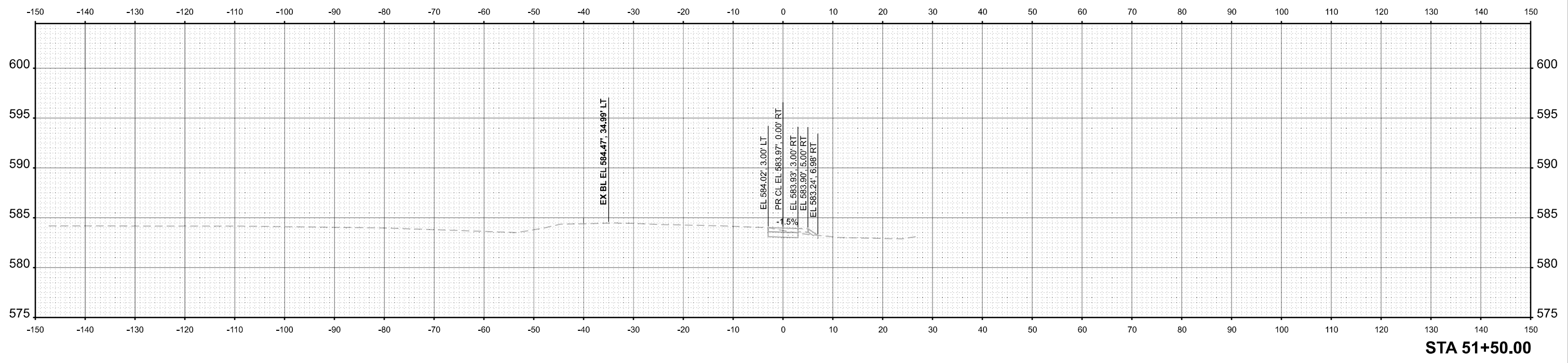
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 WILLIAM POWERS STATE PARK**

SCALE: 1"=10' SHEET 1 OF 20 SHEETS STA. 50+00.00 TO STA. 50+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	59
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PE\_MULTUSERPATH\_51+00.00  
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USER NAME = mamstrong  
 PLOT DATE = 4/1/2026

DESIGNED - MKB  
 DRAWN - WLB  
 CHECKED - JGG  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

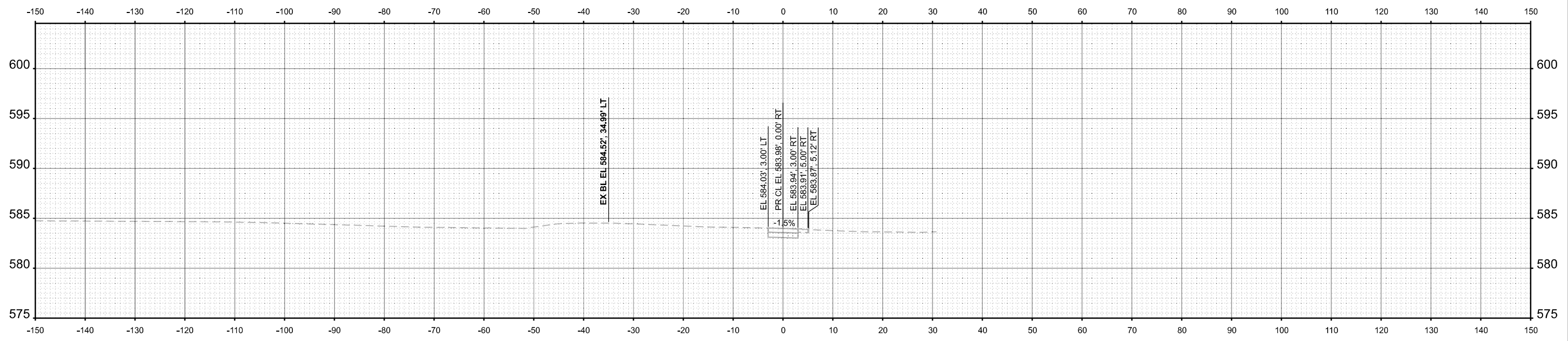
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 WILLIAM POWERS STATE PARK**

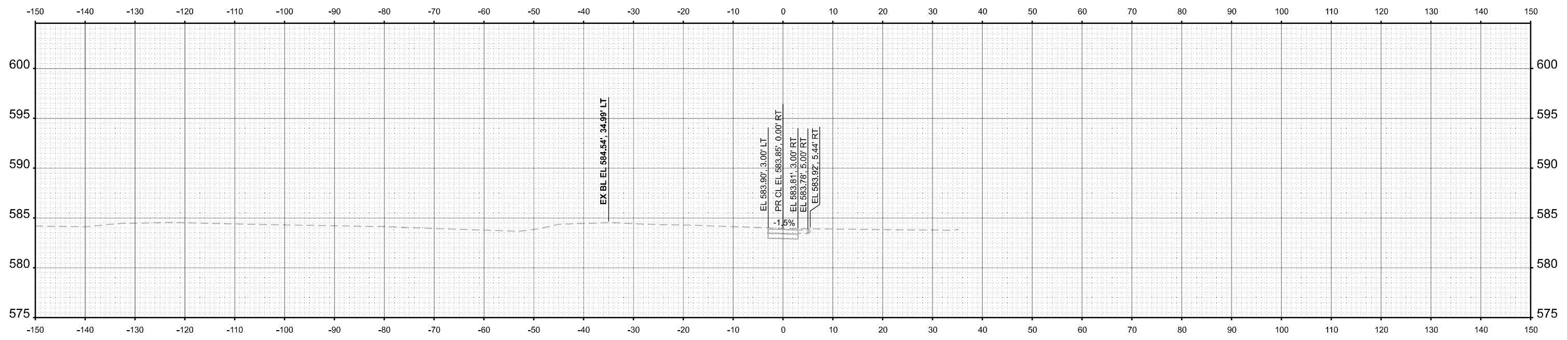
SCALE: 1"=10' SHEET 2 OF 20 SHEETS STA. 51+00.00 TO STA. 51+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	60
CONTRACT NO. 46952			ILLINOIS FED. AID PROJECT	

MODEL: PE\_MULTIMUSEPATH\_52+00.00  
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STA 52+50.00



STA 52+00.00



USER NAME = marmstrong  
 PLOT DATE = 4/1/2026

DESIGNED - MKB  
 DRAWN - WLB  
 CHECKED - JGG  
 DATE -

REVISED -  
 REVISED -  
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 REVISED -

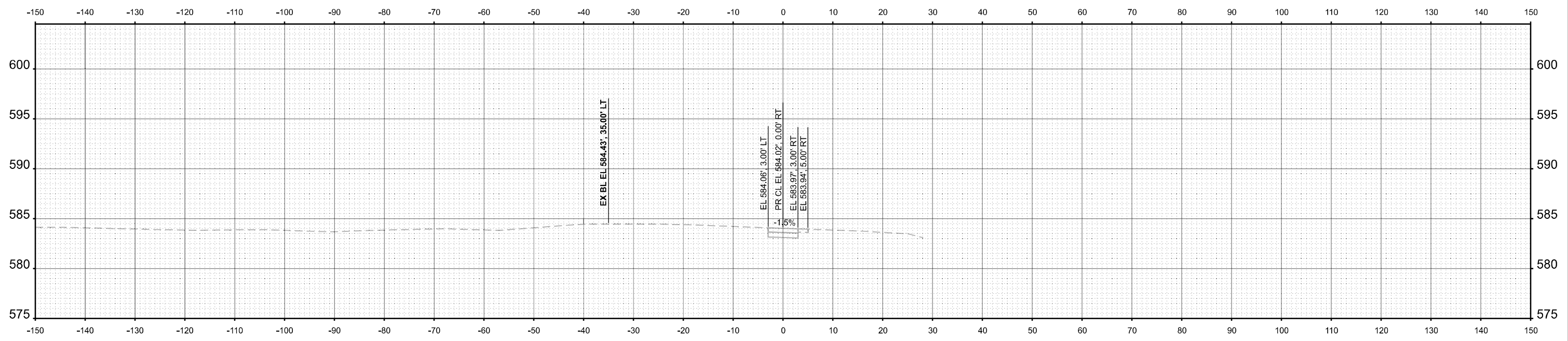
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 WILLIAM POWERS STATE PARK

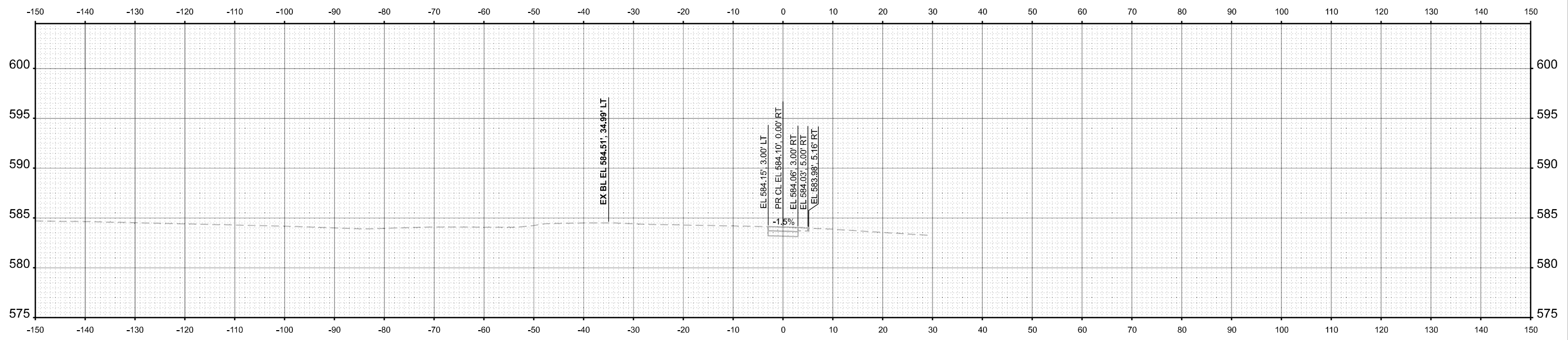
SCALE: 1"=10' SHEET 3 OF 20 SHEETS STA. 52+00.00 TO STA. 52+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	61
CONTRACT NO. 46952				
ILLINOIS		FED. AID PROJECT		

MODEL: PE\_MULTUSERPATH\_53+00.00  
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STA 53+50.00



STA 53+00.00



USER NAME = marmstrong  
 PLOT DATE = 4/1/2026

DESIGNED - MKB  
 DRAWN - WLB  
 CHECKED - JGG  
 DATE -

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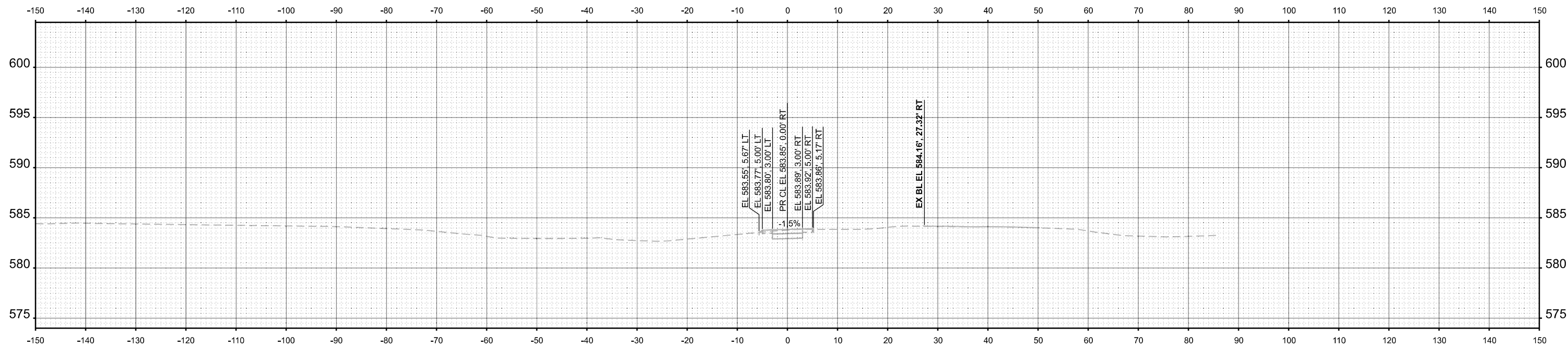
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 WILLIAM POWERS STATE PARK

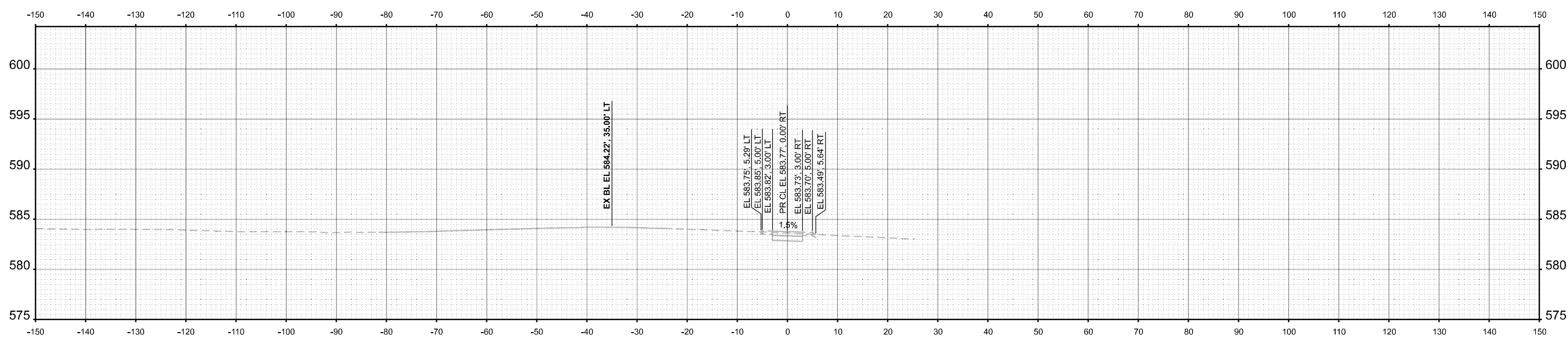
SCALE: 1"=10' SHEET 4 OF 20 SHEETS STA. 53+00.00 TO STA. 53+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	62
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PE\_MULTUSERPATH\_54+00.00  
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STA 55+00.00



STA 54+00.00



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

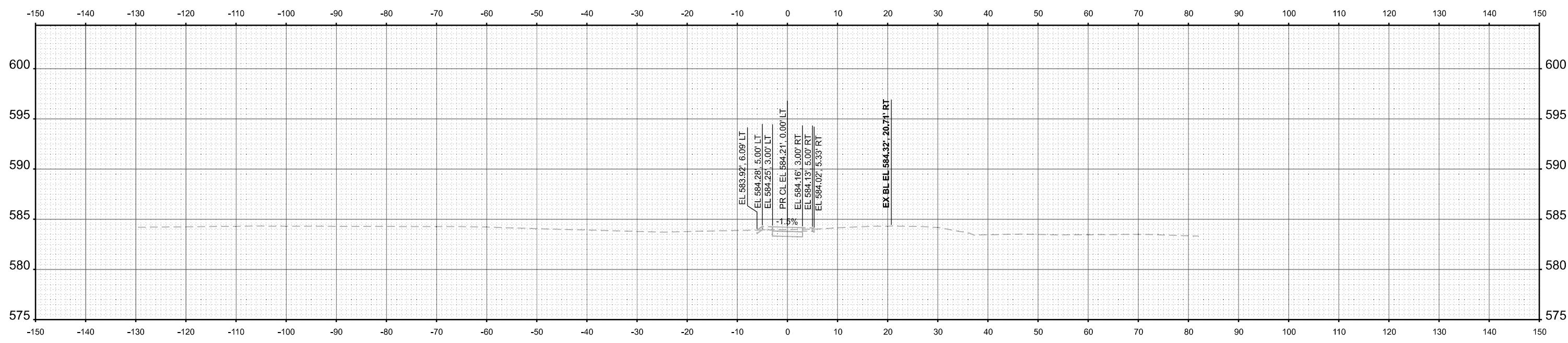
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 WILLIAM POWERS STATE PARK**

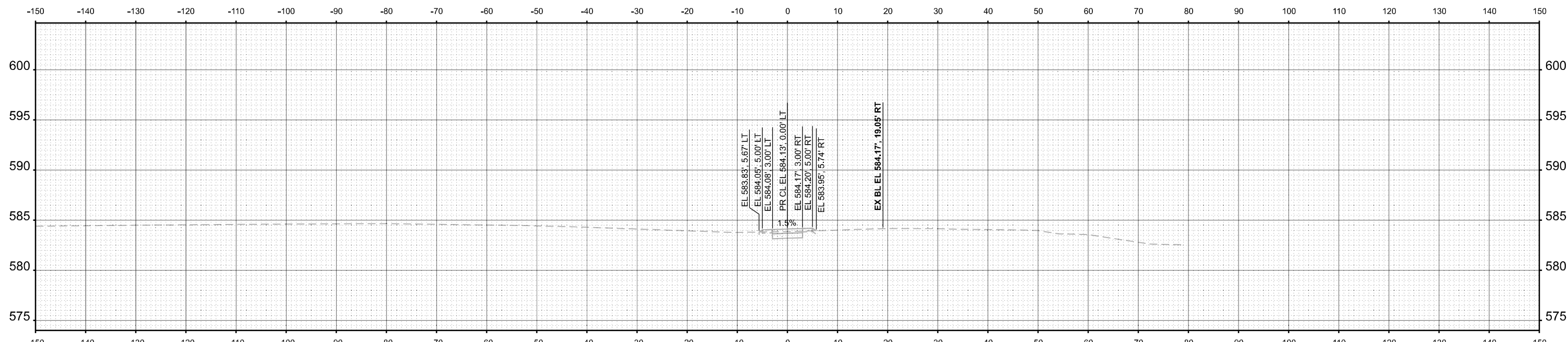
SCALE: 1"=10' SHEET 5 OF 20 SHEETS STA. 54+00.00 TO STA. 55+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	63
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PE\_MULTUSERPATH\_55+50.00  
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**STA 56+00.00**



**STA 55+50.00**



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

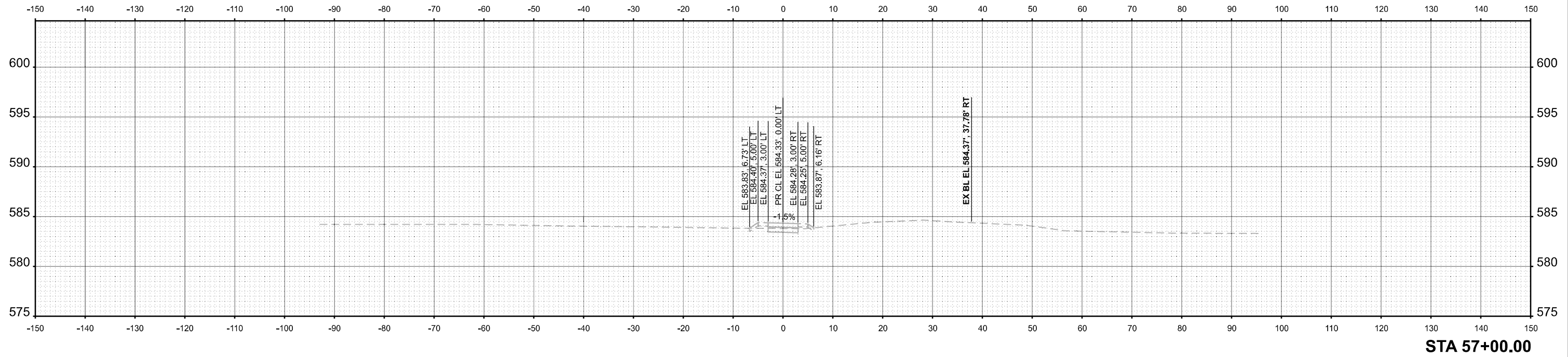
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
WILLIAM POWERS STATE PARK**

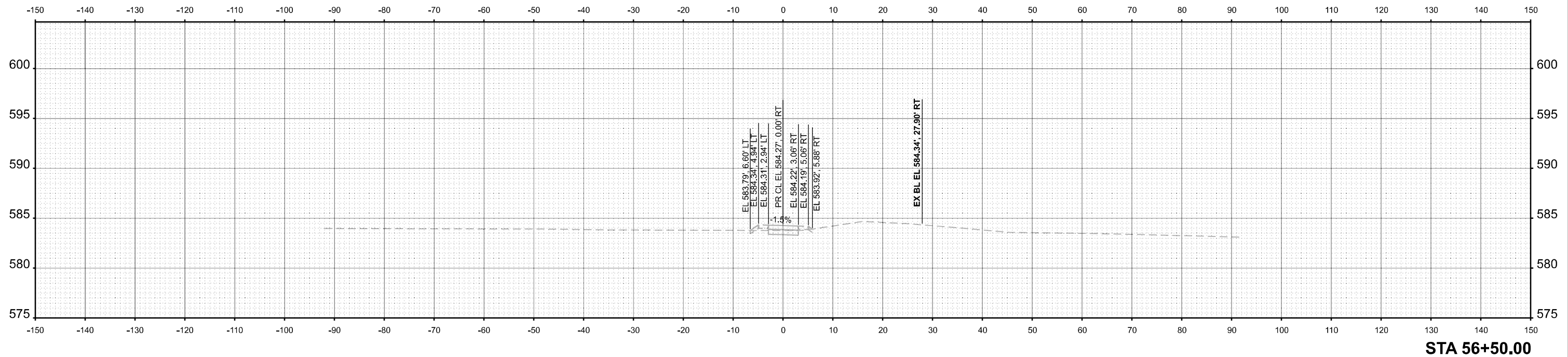
SCALE: 1"=10'    SHEET 6 OF 20 SHEETS    STA. 55+50.00 TO STA. 56+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WILLIAM POWERS PAVING	COOK	86	64
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PE\_MULTUSERPATH\_56+50.00  
 FILE NAME: c:\farnsworth\group\p\w\benley.com\iam-cv\01\Documents\2023\02\30\1543.006 - PTB 21\0-034 IDOT-IDNR William Powers SRA\04 Drawings\DWG\CAD\_Sheets\21 Cross Sections\02301543-sht-vssht.dgn



STA 57+00.00



STA 56+50.00



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

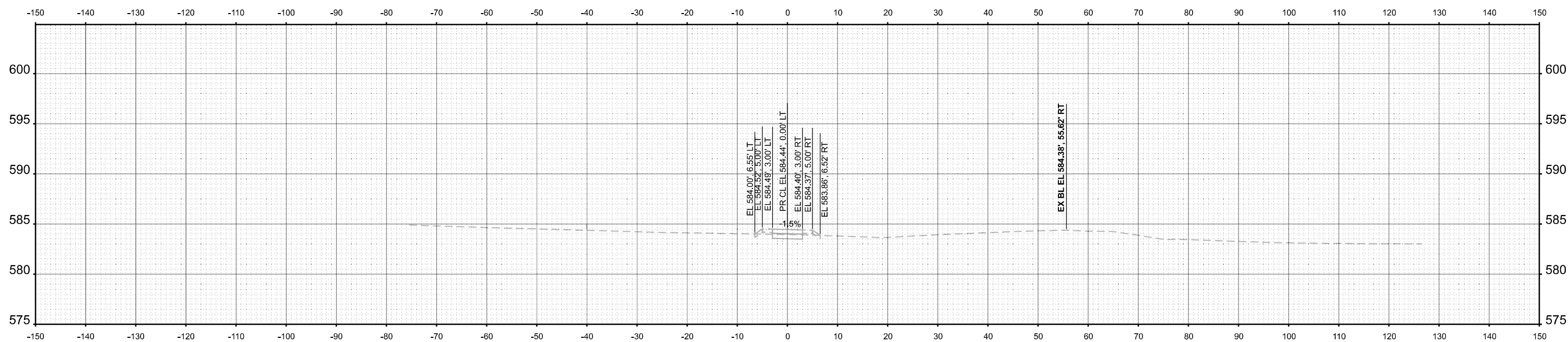
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 WILLIAM POWERS STATE PARK

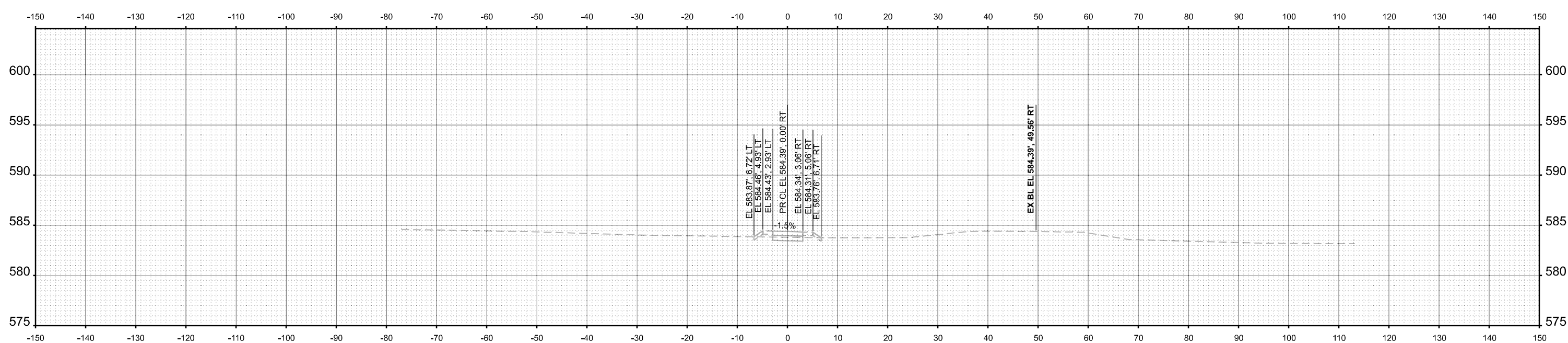
SCALE: 1"=10' SHEET 7 OF 20 SHEETS STA. 56+50.00 TO STA. 57+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	65
			CONTRACT NO. 46952	
		ILLINOIS FED. AID PROJECT		

MODEL: PE\_MULTUSERPATH\_57+50.00  
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**STA 58+00.00**



**STA 57+50.00**



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

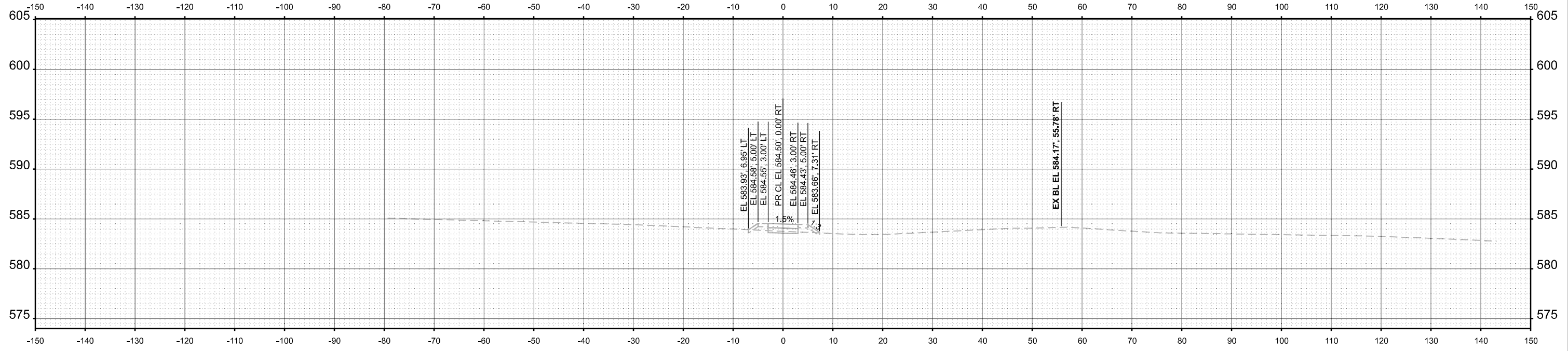
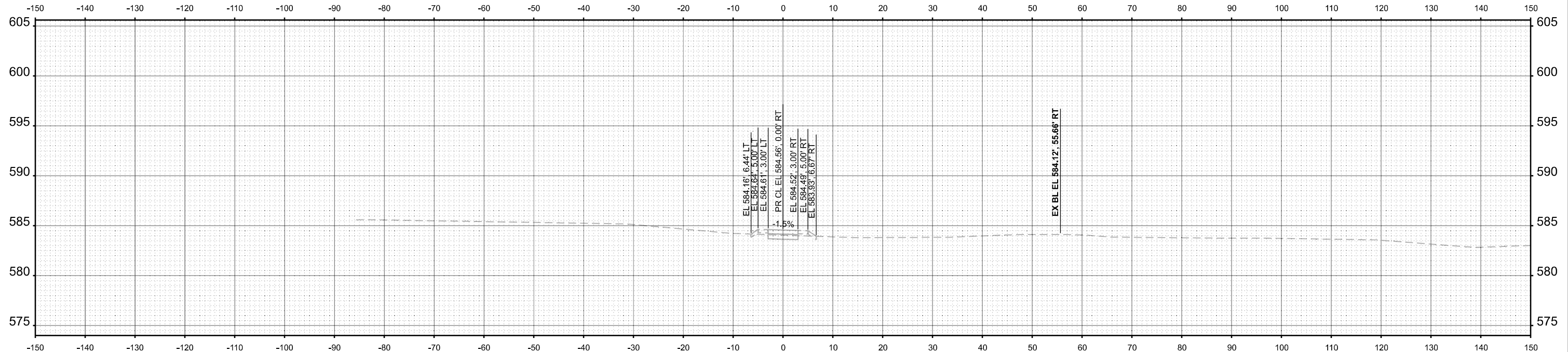
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 WILLIAM POWERS STATE PARK**

SCALE: 1"=10' SHEET 8 OF 20 SHEETS STA. 57+50.00 TO STA. 58+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	66
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PE\_MULTIMUSERPATH\_58+50.00  
 FILE NAME: c:\farnsworthgroup\p\w\benlley.com\iam-cv\01\Documents\2023\02\30\1543.006 - PTB 21\0-034 IDOT-IDNR William Powers SRA\04\_Drawings\DWG\CAD\_Sheets\21 Cross Sections\02301543-shr-vssht.dgn



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

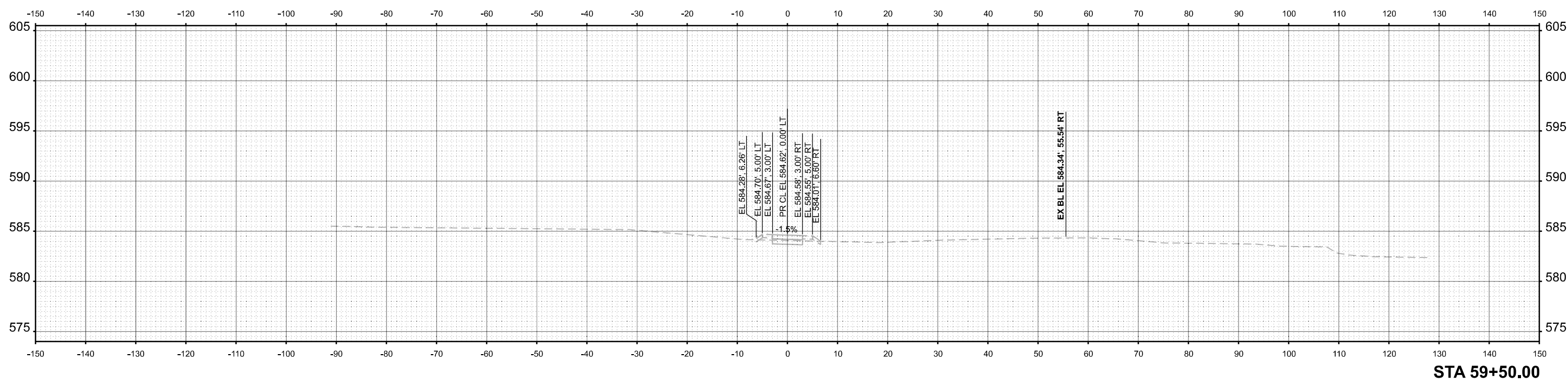
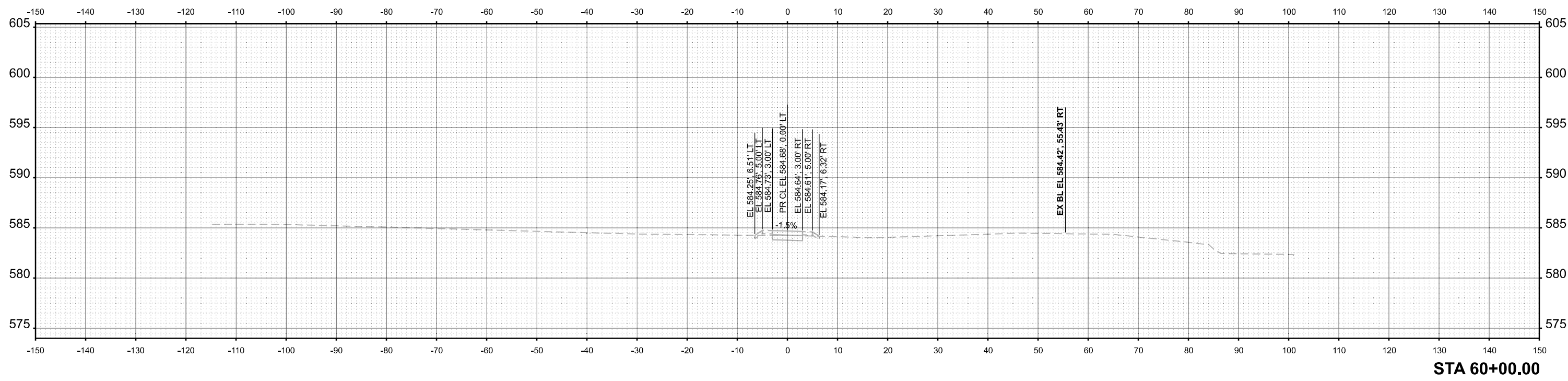
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 WILLIAM POWERS STATE PARK**

SCALE: 1"=10' SHEET 9 OF 20 SHEETS STA. 58+50.00 TO STA. 59+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	67
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PR\_MULTISEPATH\_59+50.00  
 FILE NAME: c:\farnsworth\group\p\w\benley.com\iam-cv\41\Documents\2023\01543.006 - PTB 21\0-034 IDOT-IDNR William Powers SRA\04\_Drawings\DWG\CAD\_Sheets\21 Cross Sections\02301543-sh-vssht.dgn



USER NAME = marmstrong  
 PLOT DATE = 4/1/2026

DESIGNED - MKB  
 DRAWN - WLB  
 CHECKED - JGG  
 DATE -

REVISED -  
 REVISED -  
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 REVISED -

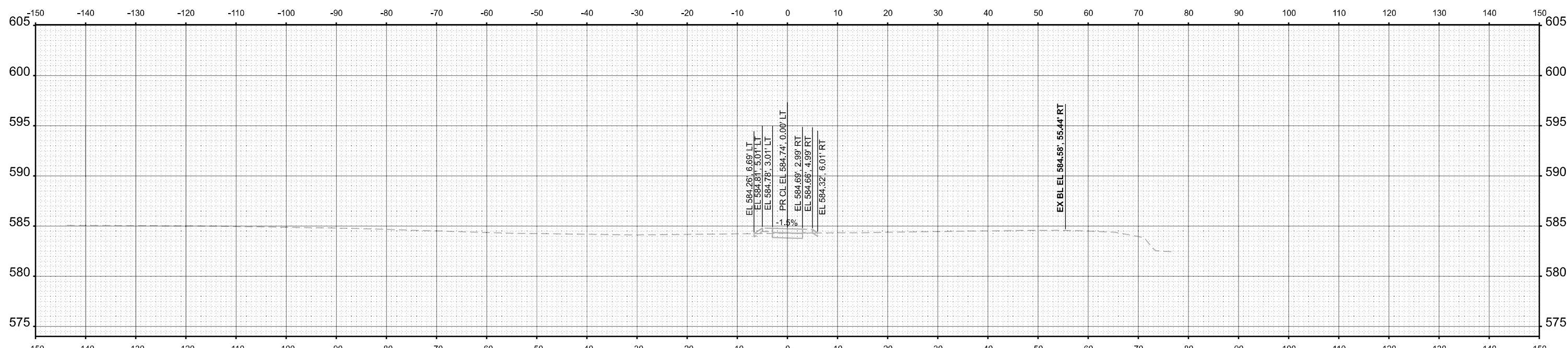
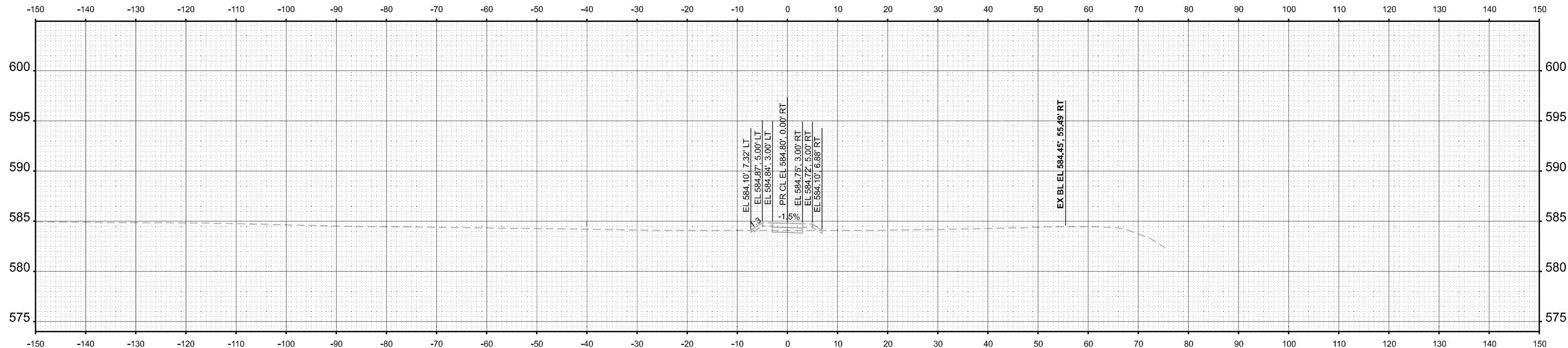
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 WILLIAM POWERS STATE PARK**

SCALE: 1"=10' SHEET 10 OF 20 SHEETS STA. 59+50.00 TO STA. 60+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	68
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PE\_MULTUSERPATH\_60+50.00  
 FILE NAME: c:\farnsworth\group\p\w\benley.com\iam-cv\01\Documents\2023\01543.006-1\PTB 21\0-034 IDOT-IDNR William Powers SRA\04\_Drawings\DWNCAD\_Sheets\21 Cross Sections\02301543-shr-ssht.dgn



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

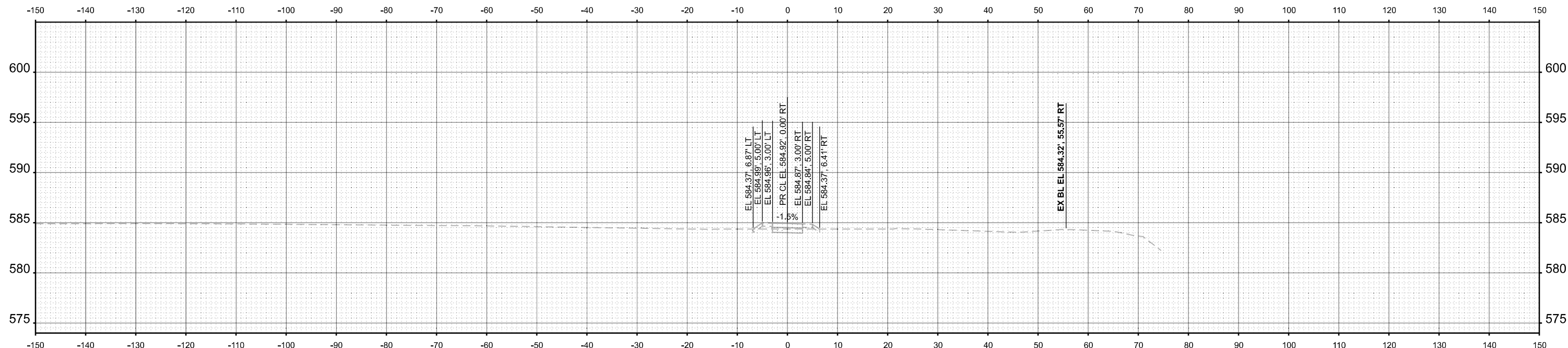
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 WILLIAM POWERS STATE PARK**

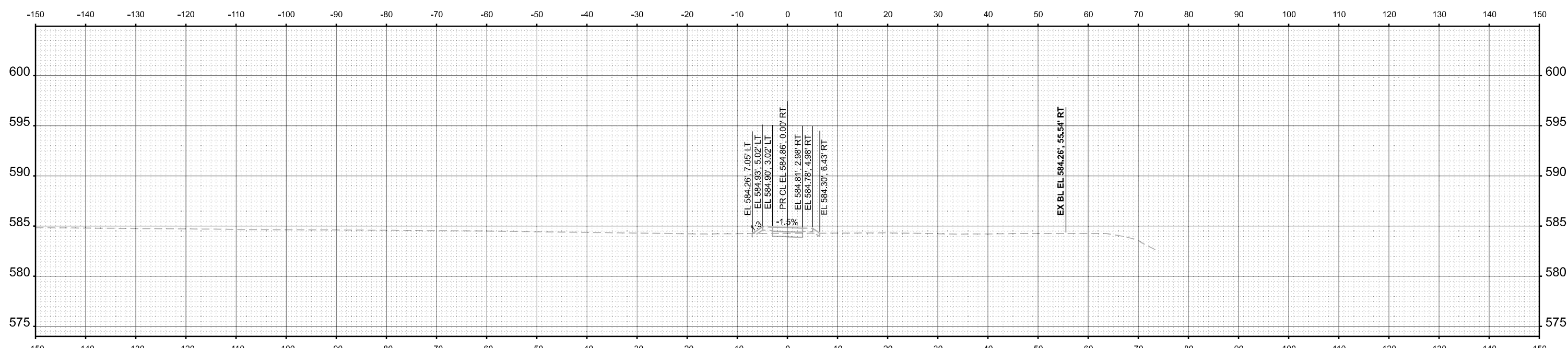
SCALE: 1"=10' SHEET 11 OF 20 SHEETS STA. 60+50.00 TO STA. 61+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	69
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PE\_MULTISEPETH\_61+50.00  
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**STA 62+00.00**



**STA 61+50.00**



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

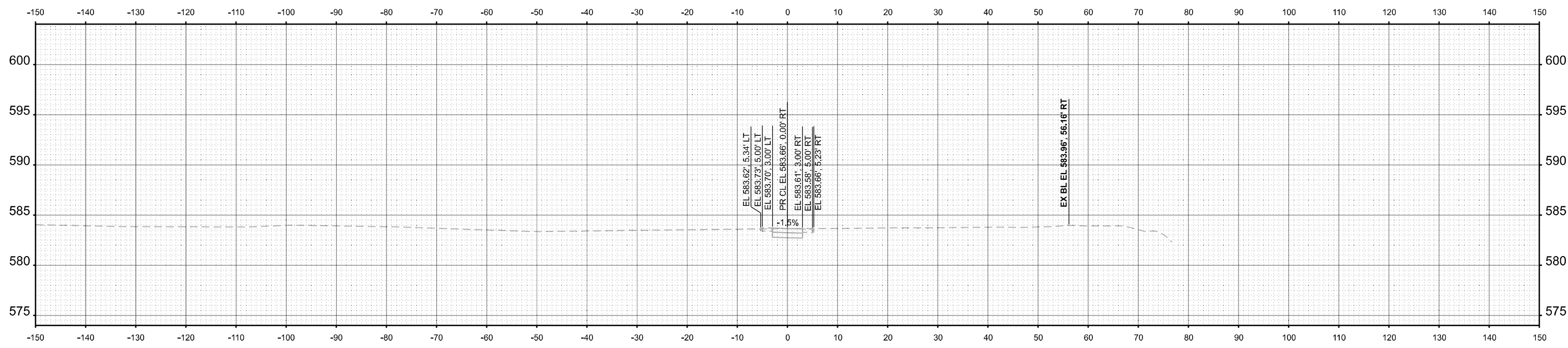
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
WILLIAM POWERS STATE PARK**

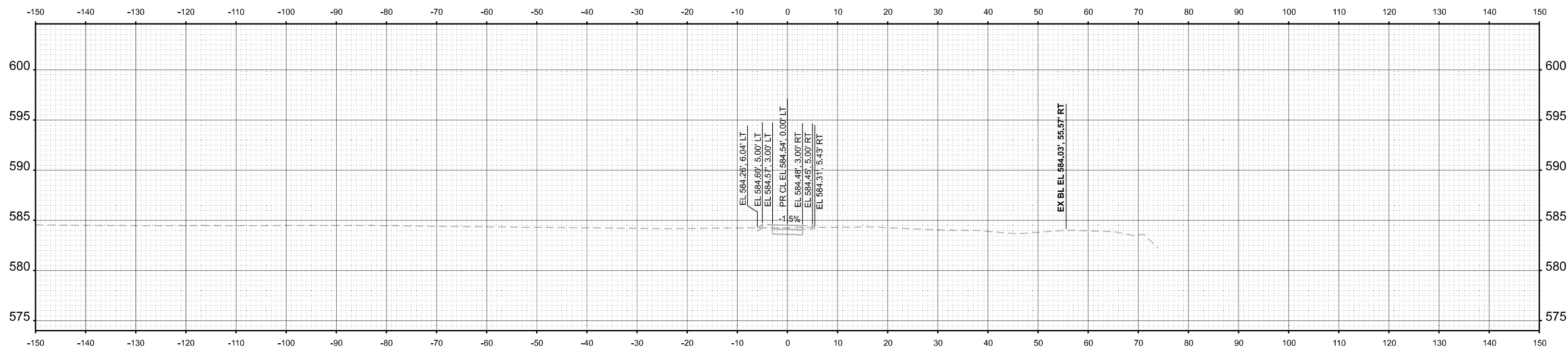
SCALE: 1"=10'    SHEET 12 OF 20 SHEETS    STA. 61+50.00 TO STA. 62+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	70
			CONTRACT NO. 46952	
		ILLINOIS	FED. AID PROJECT	

MODEL: PE\_MULTUSERPATH\_62+50.00  
 FILE NAME: c:\farnsworthgroup\p\w\benley.com\iam-cv\01\Documents\2023\01543.006 - PTB 21\0-034 IDOT-IDNR William Powers SRA\04\_Drawings\DWNCAD\_Sheets\21 Cross Sections\02301543-shr-ssht.dgn



**STA 63+00.00**



**STA 62+50.00**



USER NAME = marmstrong  
 PLOT DATE = 4/1/2026

DESIGNED - MKB  
 DRAWN - WLB  
 CHECKED - JGG  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

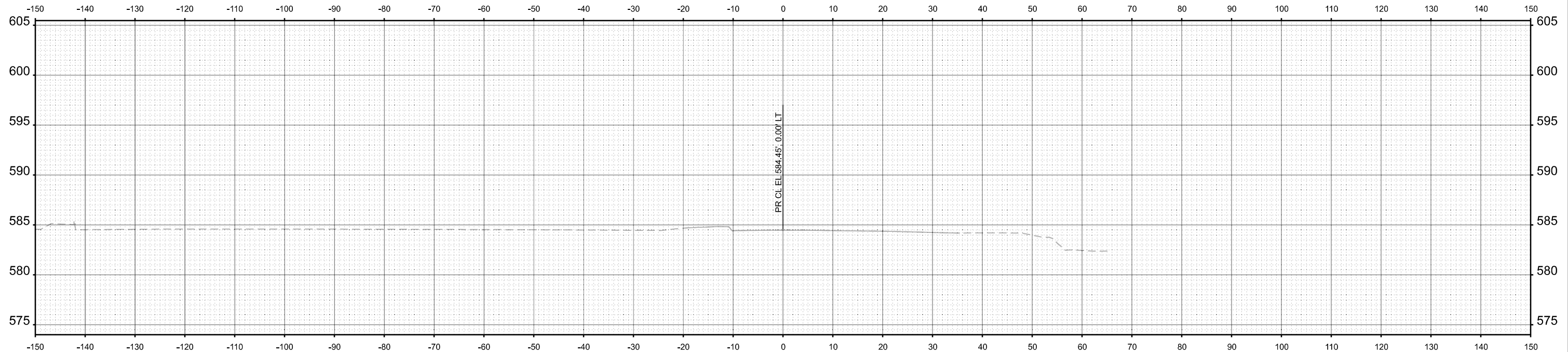
**CROSS SECTIONS  
 WILLIAM POWERS STATE PARK**

SCALE: 1"=10'    SHEET 13 OF 20 SHEETS    STA. 62+50.00 TO STA. 63+00.00

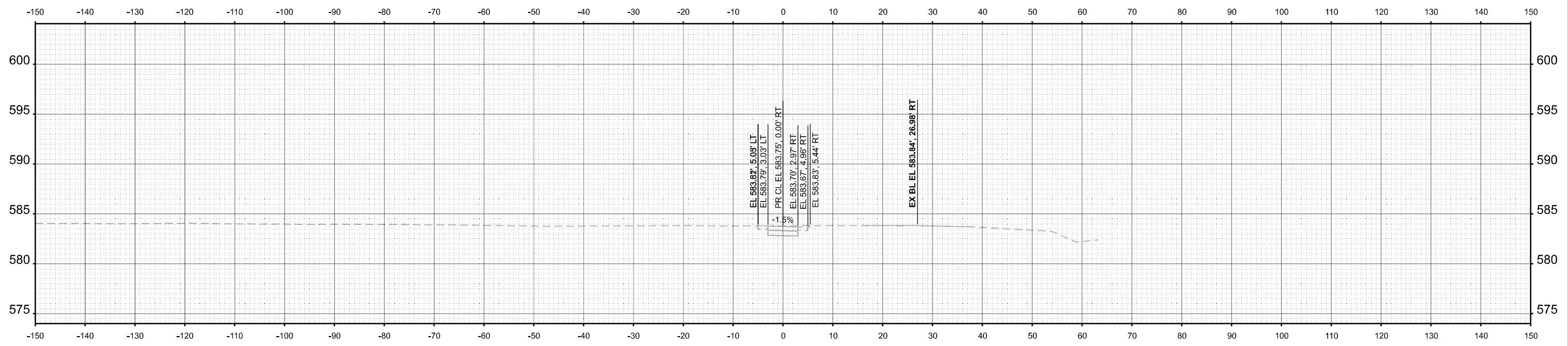
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	71
CONTRACT NO. 46952				

ILLINOIS FED. AID PROJECT

MODEL: PE\_MULTISEPATH\_63+50.00  
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STA 64+00.00



STA 63+50.00



USER NAME = marmstrong  
 PLOT DATE = 4/1/2026

DESIGNED - MKB	REVISED -
DRAWN - WLB	REVISED -
CHECKED - JGG	REVISED -
DATE -	REVISED -

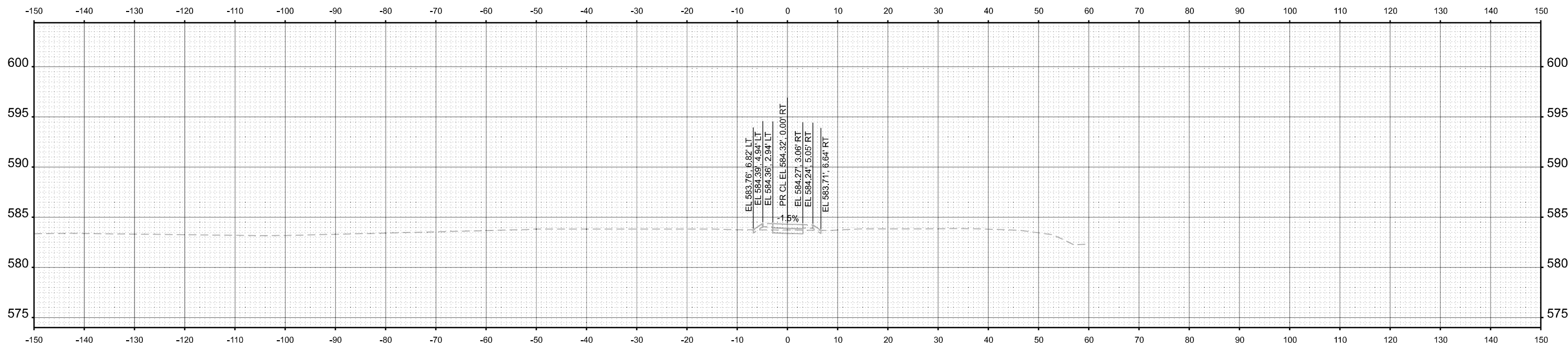
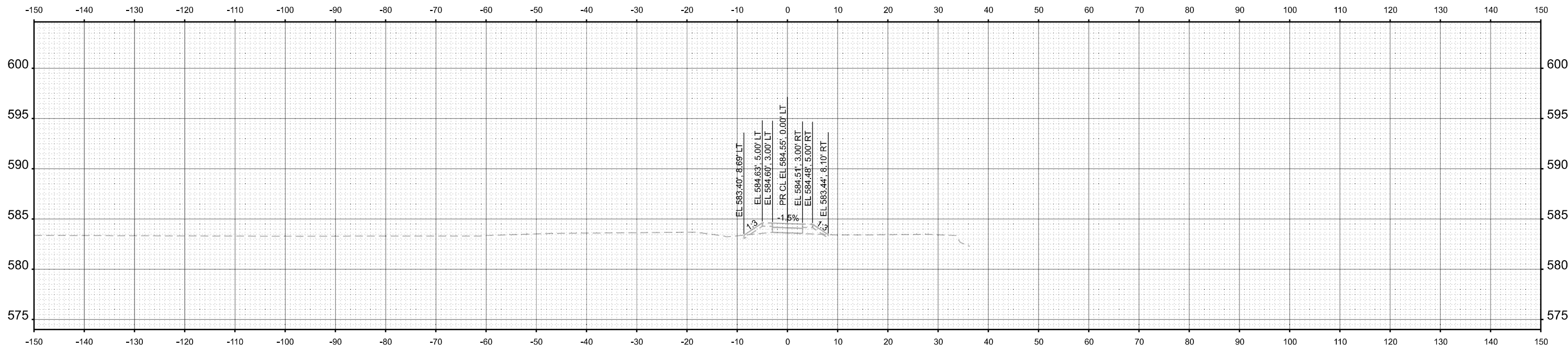
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 WILLIAM POWERS STATE PARK

SCALE: 1"=10' SHEET 14 OF 20 SHEETS STA. 63+50.00 TO STA. 64+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	72
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PR\_MULTUSERPATH\_64+50.00  
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USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

DESIGNED - MKB	REVISED -
DRAWN - WLB	REVISED -
CHECKED - JGG	REVISED -
DATE -	REVISED -

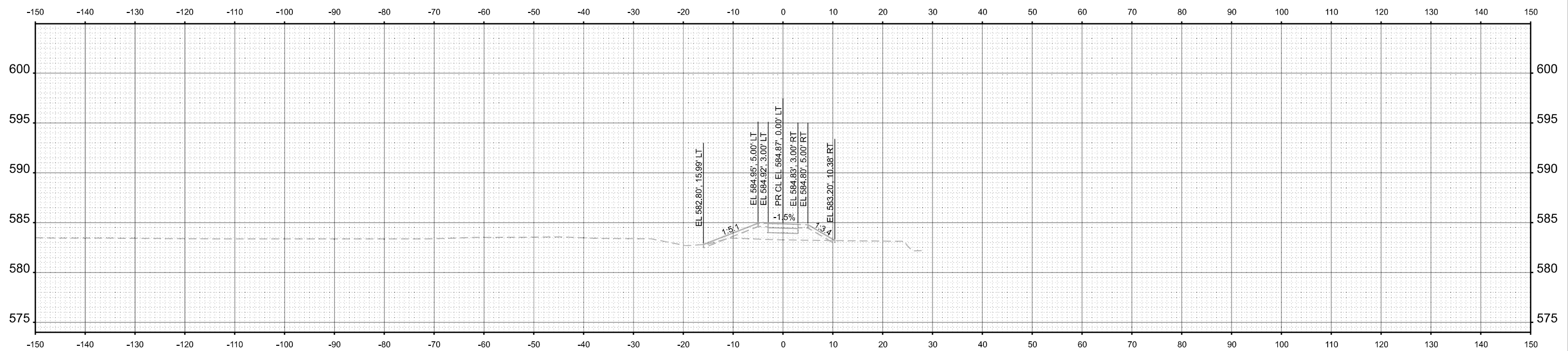
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 WILLIAM POWERS STATE PARK

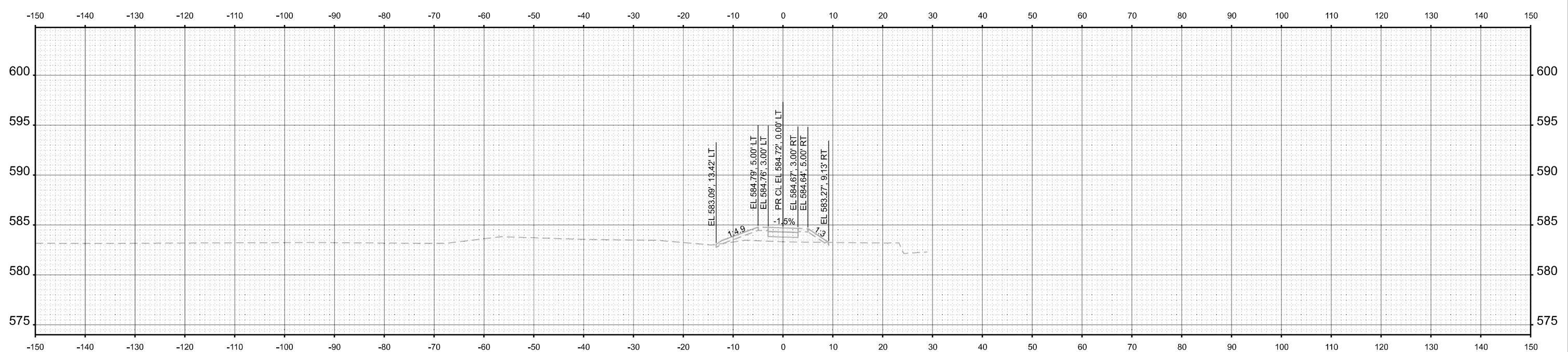
SCALE: 1"=10' SHEET 15 OF 20 SHEETS STA. 64+50.00 TO STA. 65+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	73
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PE\_MULTUSERPATH\_65+50.00  
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**STA 66+00.00**



**STA 65+50.00**



USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

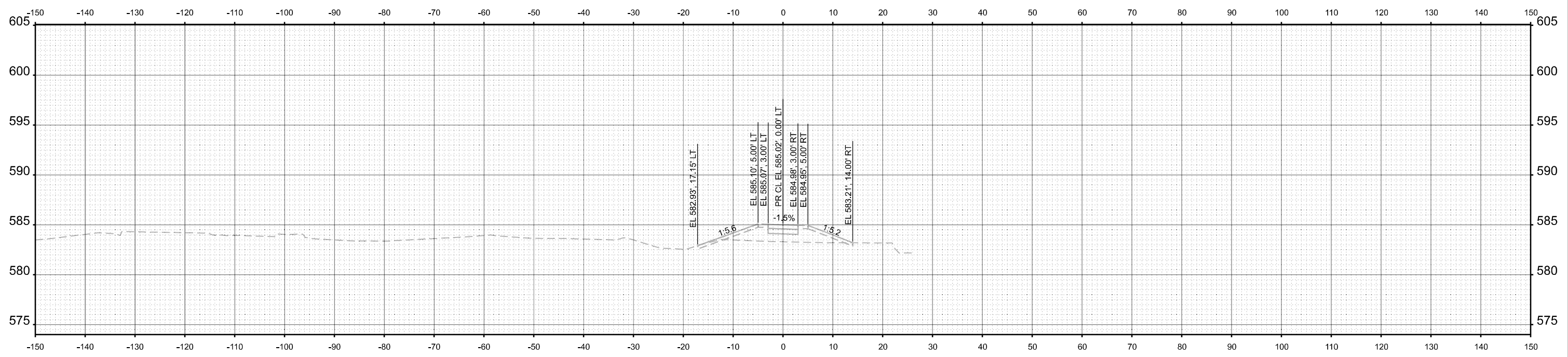
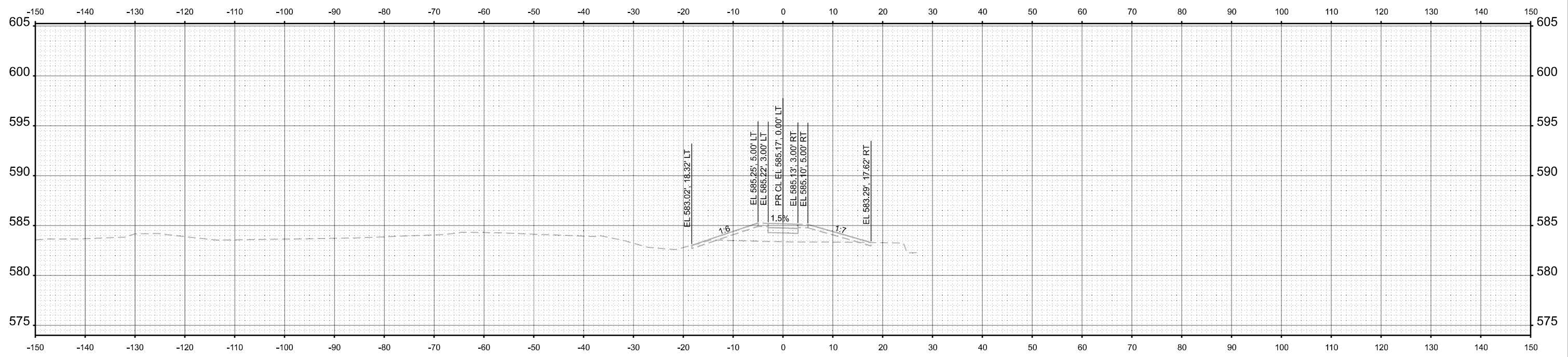
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
WILLIAM POWERS STATE PARK**

SCALE: 1"=10'    SHEET 16 OF 20 SHEETS    STA. 65+50.00    TO STA. 66+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	74
			CONTRACT NO. 46952	
		ILLINOIS	FED. AID PROJECT	

MODEL: PE\_MULTIMUSERPATH\_66+50.00  
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USER NAME = marmstrong	DESIGNED - MKB	REVISED -
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PLOT DATE = 4/1/2026	DATE -	REVISED -

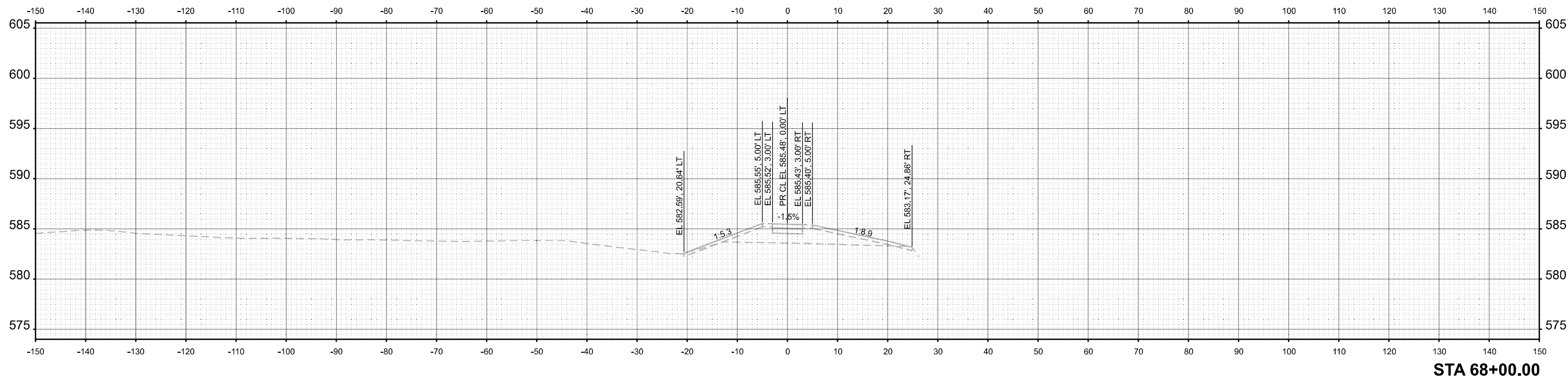
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 WILLIAM POWERS STATE PARK**

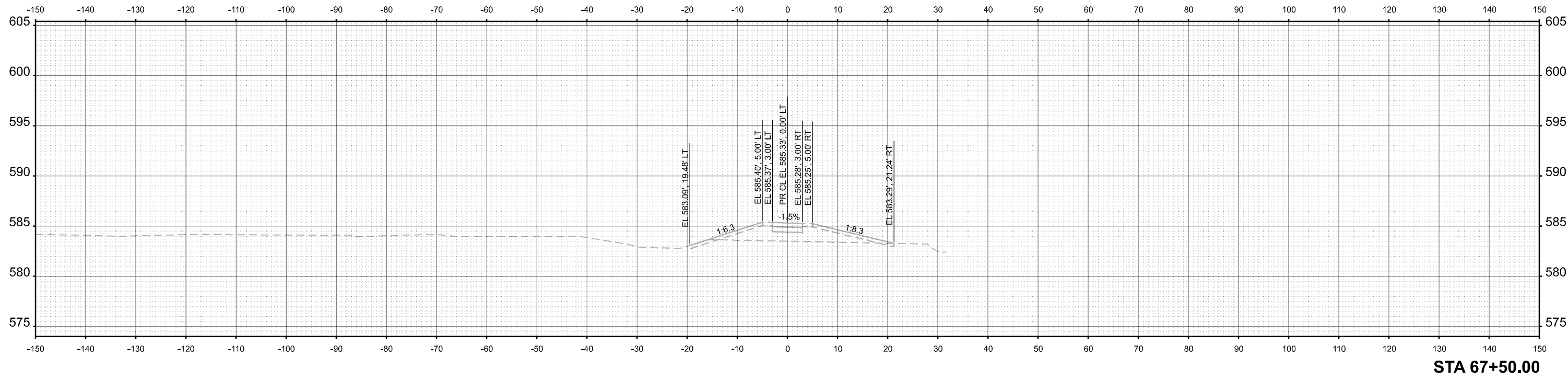
SCALE: 1"=10' SHEET 17 OF 20 SHEETS STA. 66+50.00 TO STA. 67+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	75
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PE\_MULTUSERPATH\_67+50.00  
 FILE NAME: c:\farnsworth\group\p\w\benlley.com\iam-cv\01\Documents\2023\02\30\1543.006 - PTB 21\0-034 IDOT-IDNR William Powers SRA\04\_Drawings\DWG\CAD\_Sheets\21 Cross Sections\02301543-shr-vssht.dgn



**STA 68+00.00**



**STA 67+50.00**



USER NAME = marmstrong  
 PLOT DATE = 4/1/2026

DESIGNED - MKB  
 DRAWN - WLB  
 CHECKED - JGG  
 DATE -

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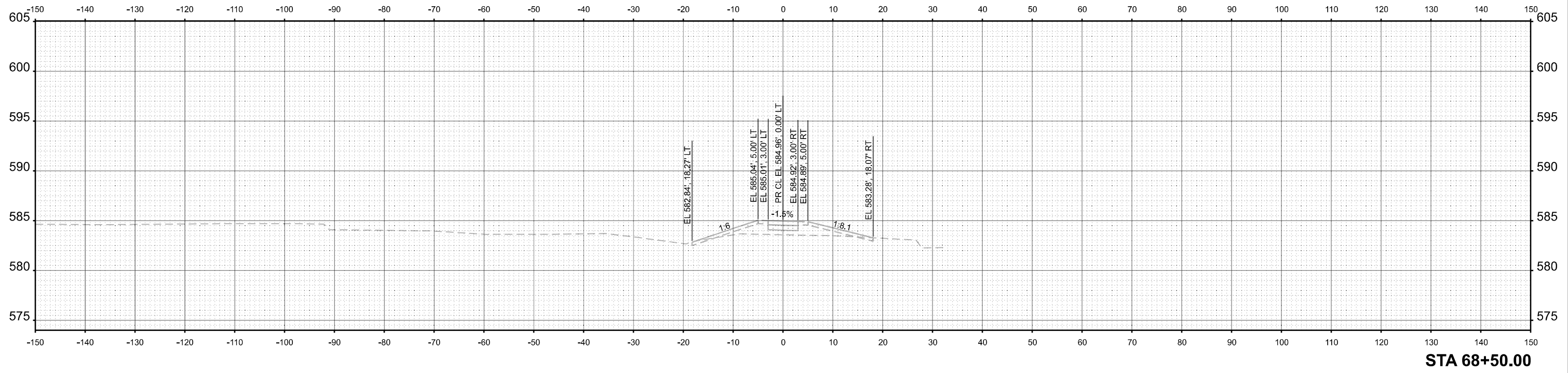
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 WILLIAM POWERS STATE PARK**

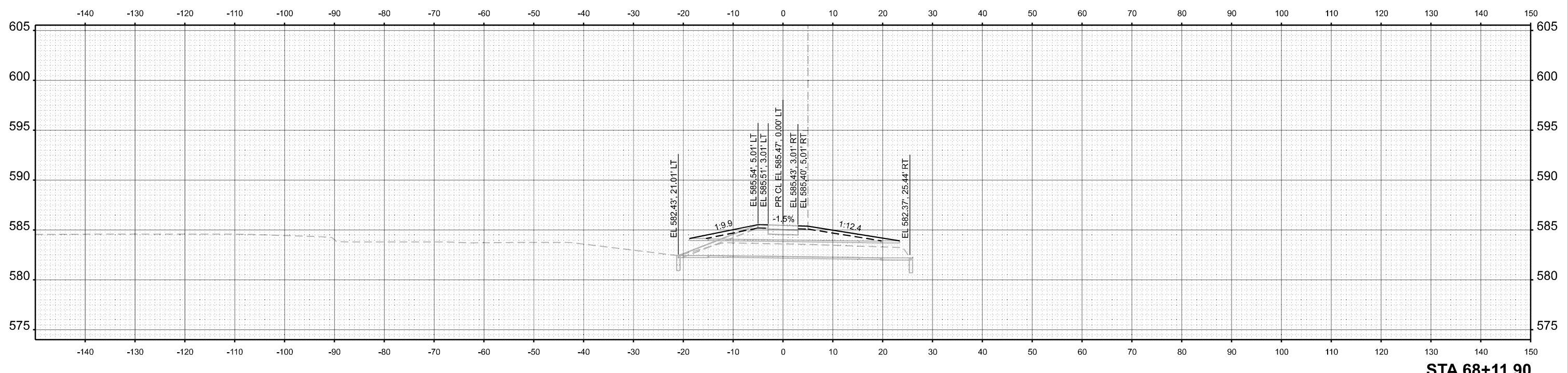
SCALE: 1"=10'    SHEET 18 OF 20 SHEETS    STA. 67+50.00 TO STA. 68+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	76
CONTRACT NO. 46952				
ILLINOIS		FED. AID PROJECT		

MODEL: PE\_MULTISEPATH\_68+11.90  
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STA 68+50.00



STA 68+11.90



USER NAME = mamstrong  
 PLOT DATE = 4/1/2026

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 DRAWN - WLB  
 CHECKED - JGG  
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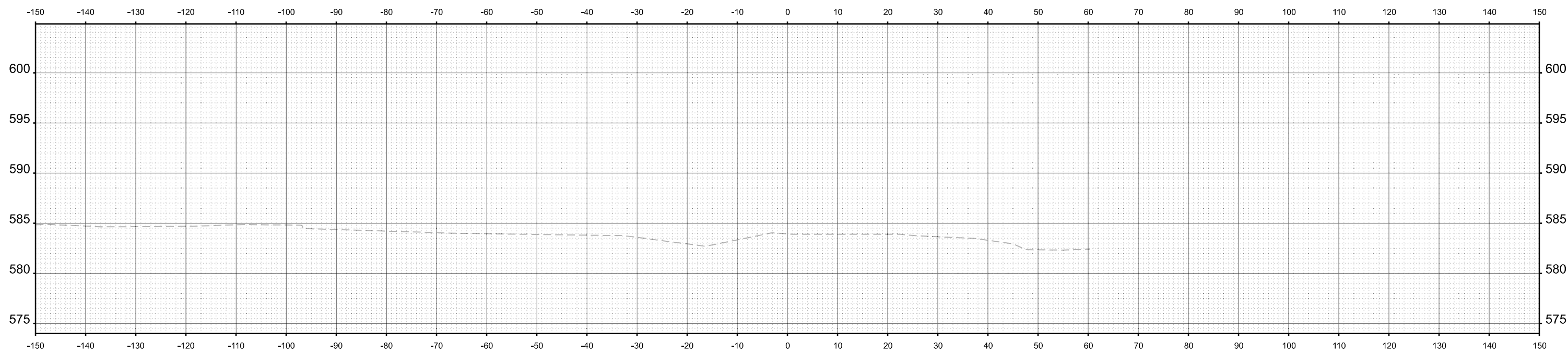
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 WILLIAM POWERS STATE PARK

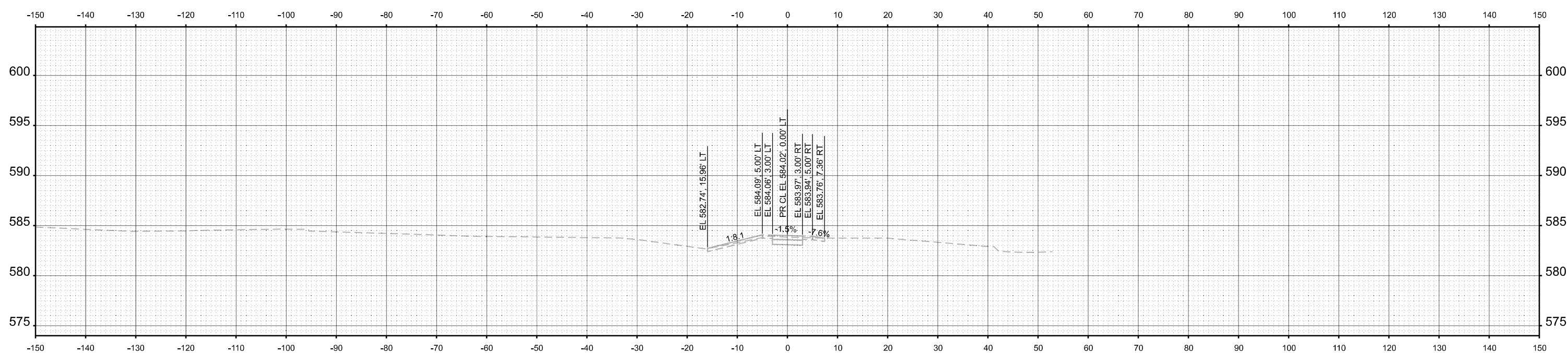
SCALE: 1"=10' SHEET 19 OF 20 SHEETS STA. 68+11.90 TO STA. 68+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WILLIAM POWERS PAVING	COOK	86	77
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				

MODEL: PE\_MULTUSERPATH\_69+00.00  
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STA 69+08.74



STA 69+00.00



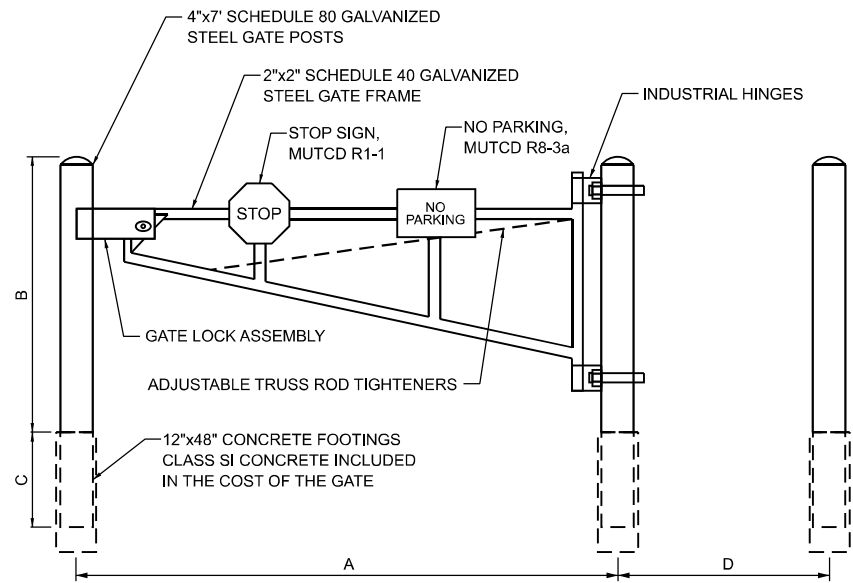
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	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 WILLIAM POWERS STATE PARK

SCALE: 1"=10' SHEET 20 OF 20 SHEETS STA. 69+00.00 TO STA. 69+08.74

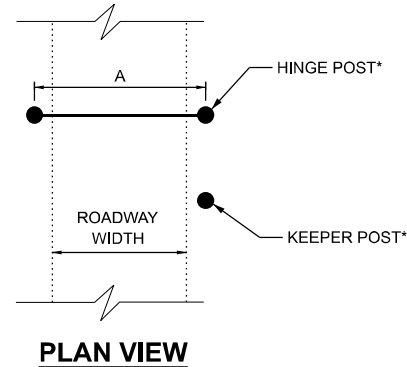
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	78
			CONTRACT NO. 46952	
		ILLINOIS FED. AID PROJECT		



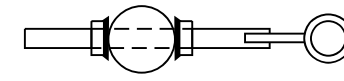
LOCATION	A	B	C	D
LEVEE ROAD	16'	4'	3'	4'

**NOTE:**

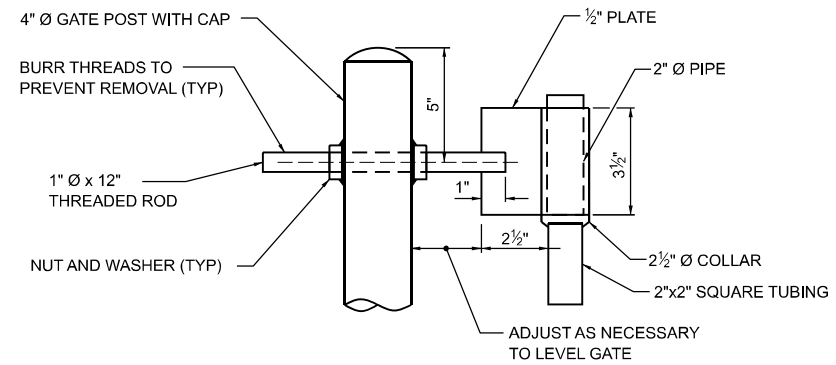
CONTRACTOR SHALL VERIFY DIMENSION "A" WITH ENGINEER AND PARK SITE SUPERINTENDANT PRIOR TO MANUFACTURING GATE.



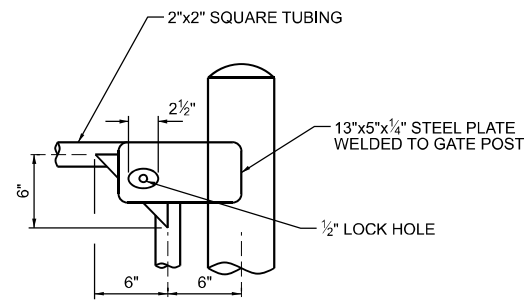
\* ALL POSTS (HINGE POST, KEEPER POST, ECT.) SHALL HAVE 12" Ø x 48" CONCRETE FOOTING.



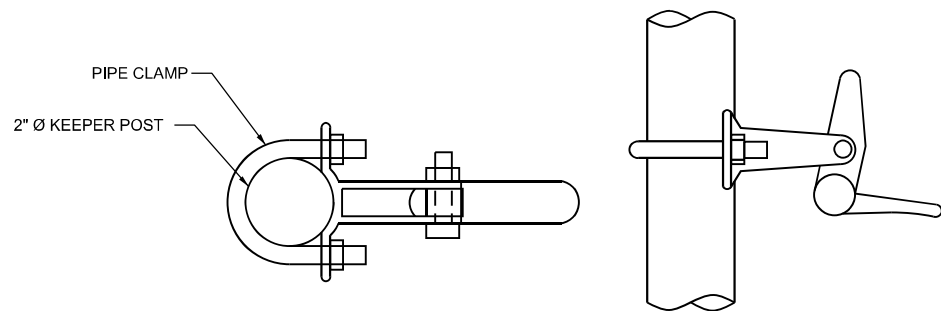
**PLAN VIEW**



**TOP GATE HINGE**



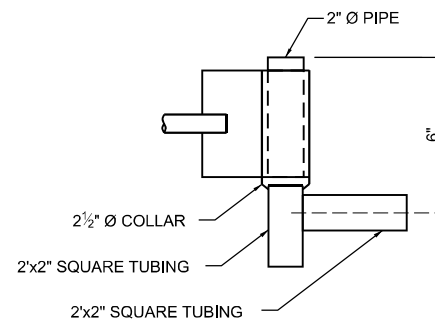
**GATE LOCK ASSEMBLY**



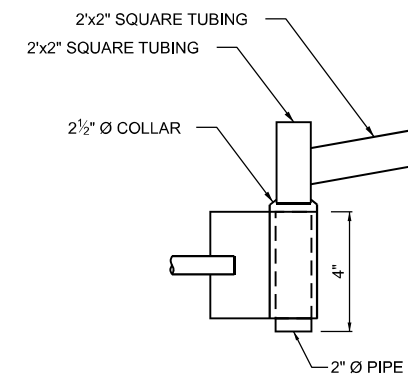
**PLAN VIEW**

**SIDE VIEW**

**AUTOMATIC GATE KEEPER**



**DETAIL AT TOP HINGE**



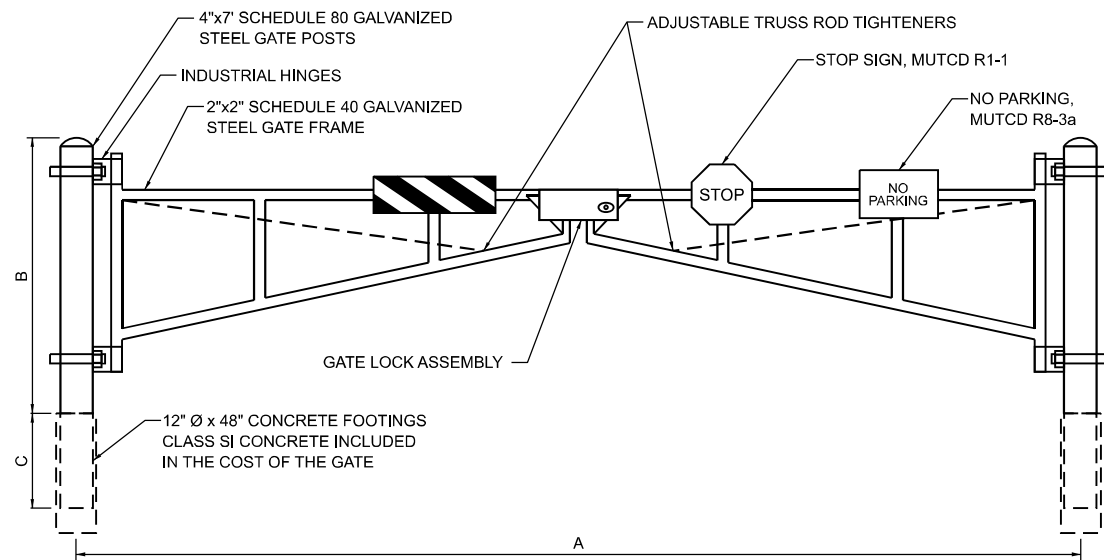
**DETAIL AT BOTTOM HINGE**

**SINGLE SWING GATE DETAILS**

MODEL: Miscellaneous Details 1 (Sheet) FILE NAME: p:\farnsworth\group\pvt\w.bentley.com\marn-cv-01\Documents\2023\02\301543.006 - PTB 21\0-034-IDOT-IDNR William Powers SRA\04\_Drawings\IGN\CAD\_Sheets\20 District Details\02301543-sh1-details.dgn

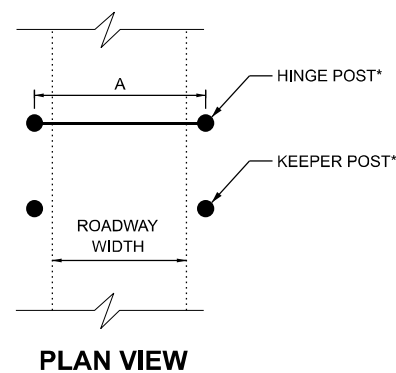
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	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	79
			CONTRACT NO. 46952	
ILLINOIS FED. AID PROJECT				

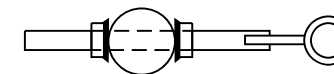


LOCATION	A	B	C
MAIN PARK ENTRANCE	46'	4'	3'
WOLF LAKE BLVD - STA. 367+42	29'	4'	3'

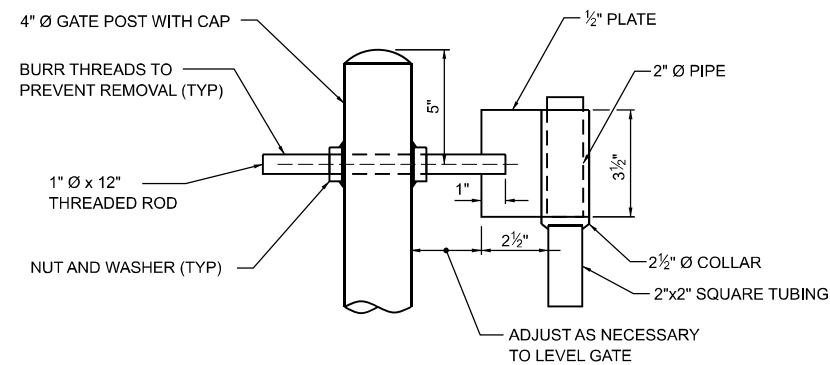
**NOTE:**  
CONTRACTOR SHALL VERIFY DIMENSION "A" WITH ENGINEER AND PARK SITE SUPERINTENDANT PRIOR TO MANUFACTURING GATE.



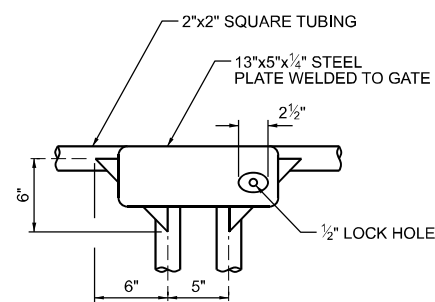
\* ALL POSTS (HINGE POST, KEEPER POST, ECT.) SHALL HAVE 12" Ø x 48" CONCRETE FOOTING.



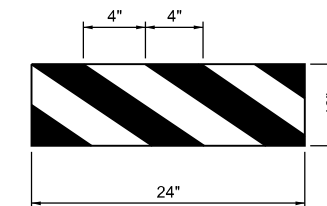
**PLAN VIEW**



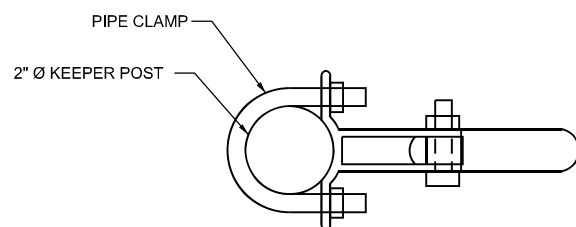
**TOP GATE HINGE**



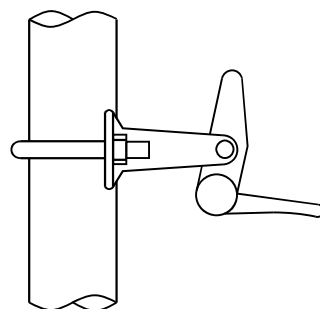
**GATE LOCK ASSEMBLY**



**HORIZONTAL PANEL DETAIL**  
(YELLOW AND BLACK)

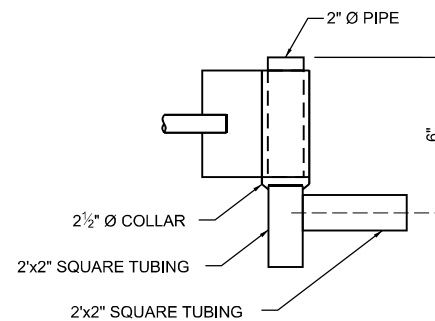


**PLAN VIEW**

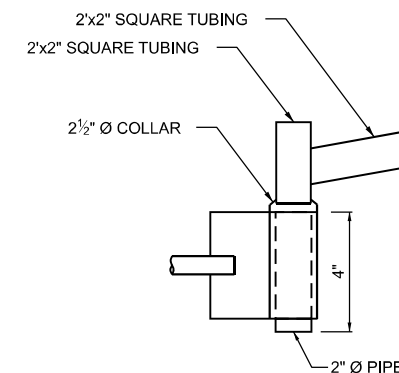


**SIDE VIEW**

**AUTOMATIC GATE KEEPER**



**DETAIL AT TOP HINGE**



**DETAIL AT BOTTOM HINGE**

**DOUBLE SWING GATE DETAILS**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS  
WILLIAM POWERS STATE PARK

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	80
			CONTRACT NO. 46952	
ILLINOIS FED. AID PROJECT				

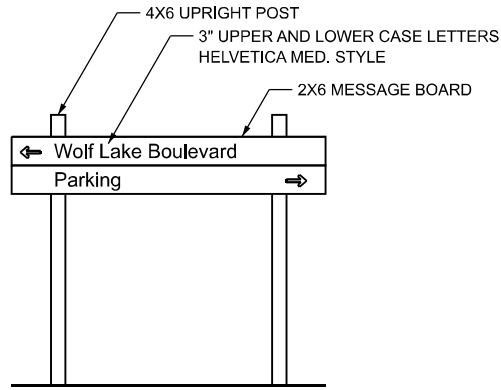
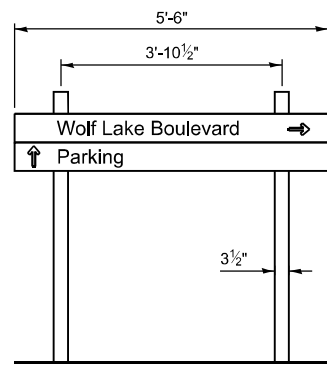
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**Farnsworth GROUP**  
2211 BRADLEY AVENUE  
CHAMPAIGN, ILLINOIS 61821  
(217) 352-7408 / info@f-w.com

USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -



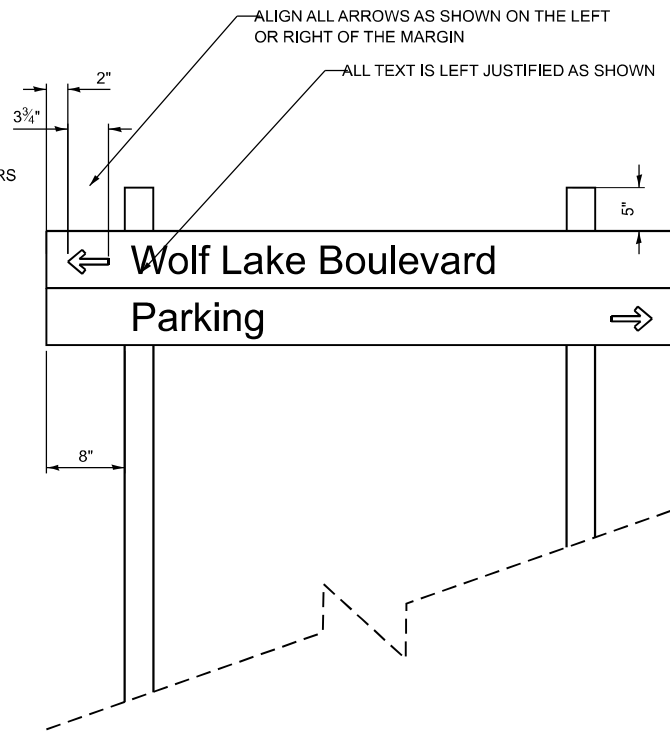
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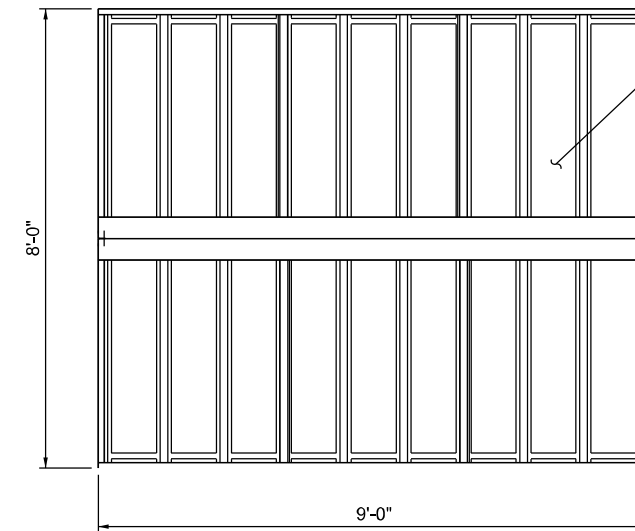
D  
1

D  
2

**WAYFINDING SIGN, SPECIAL  
SIGN STRUCTURE DETAIL**

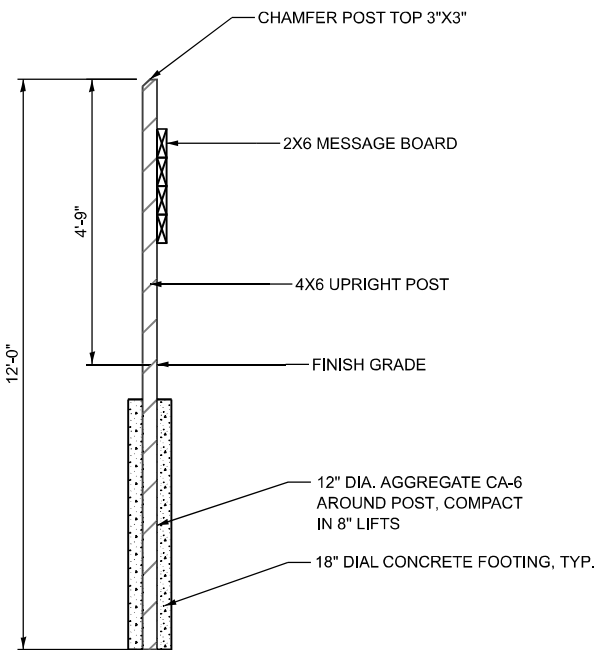


**ALIGNMENT DIMENSIONS DETAIL**



24 GA., GALVALUME COATED, PAINTED, STEEL ROOFING PANELS. SEE MANUFACTURER'S COLOR MATRIX FOR AVAILABLE COLORS.

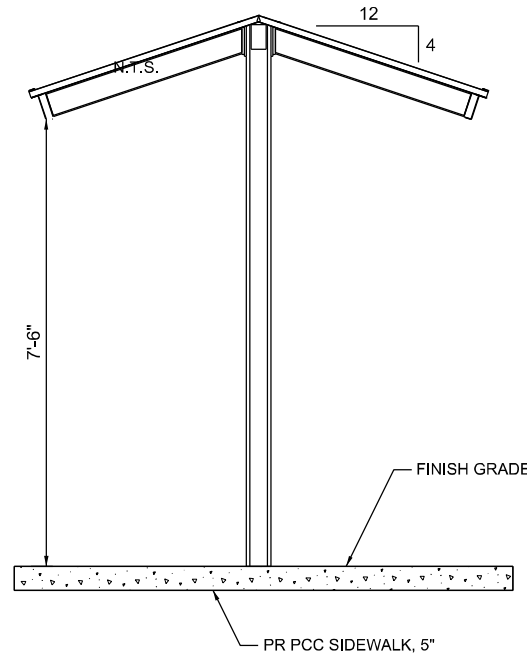
**ROOF PLAN**



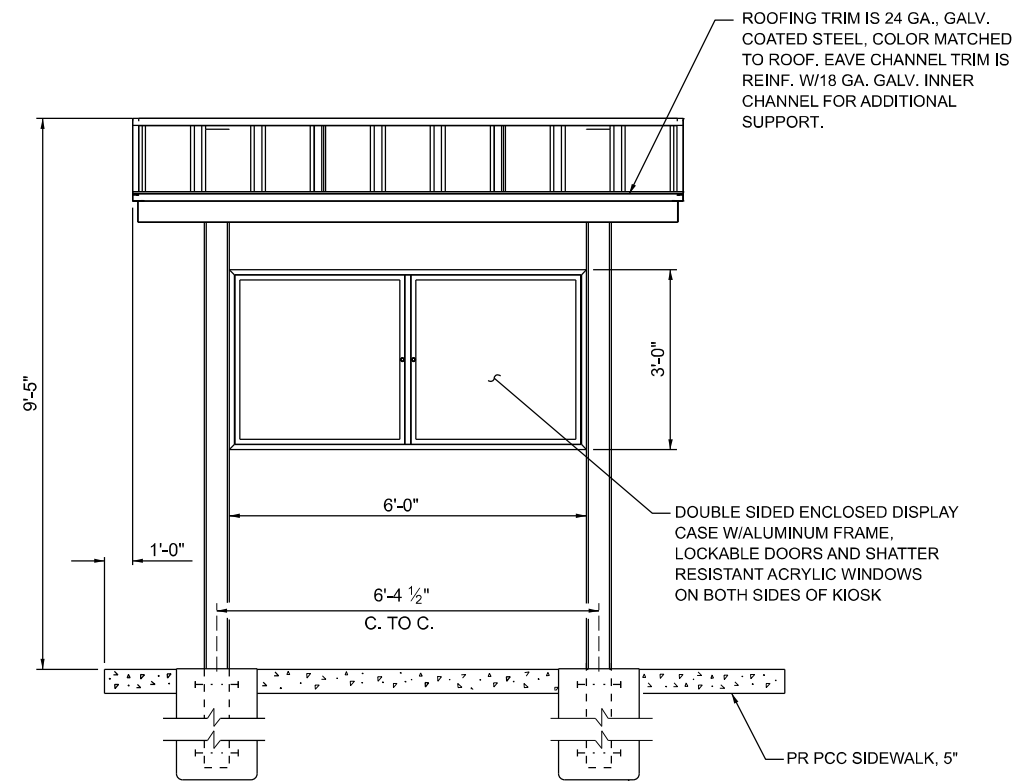
**SECT. A-A**

**NOTES:**

1. ALL LUMBER IS RECYCLED PLASTIC, BROWN IN COLOR. 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 CONTRACTOR. ALL EXPOSED HARDWARE ON SIGNFACES IS TO BE COUNTERSUNK AND PAINTED TO MATCH LUMBER COLOR.
3. ALL LETTERING IS ALIGNED ON THE SIGN'S LEFT MARGIN AS SHOWN. LETTER STYLE IS UPPER AND LOWER CASE HELEVETICA MEDIUM STYLE. LETTERS ARE TO BE ENGRAVED WITH A COMPUTER OR TEMPLATE DRIVEN ROUTER SYSTEM. AFTER ENGRAVING APPLY ONE COAT OF A HEAVY DUTY PRIMER PAINT THAT WILL BOND TO PLASTIC SUBSTRATE AND (2) COATS OF ACRYLIC PAINT. USE EPOXY ADDITIVES TO ASSURE ADDITIONAL BONDING. FINISH COLOR OF ALL LETTERING TO BE BRIGHT WHITE.



**SIDE VIEW**



ROOFING TRIM IS 24 GA., GALV. COATED STEEL, COLOR MATCHED TO ROOF. EAVE CHANNEL TRIM IS REINF. W/18 GA. GALV. INNER CHANNEL FOR ADDITIONAL SUPPORT.

DOUBLE SIDED ENCLOSED DISPLAY CASE W/ALUMINUM FRAME, LOCKABLE DOORS AND SHATTER RESISTANT ACRYLIC WINDOWS ON BOTH SIDES OF KIOSK

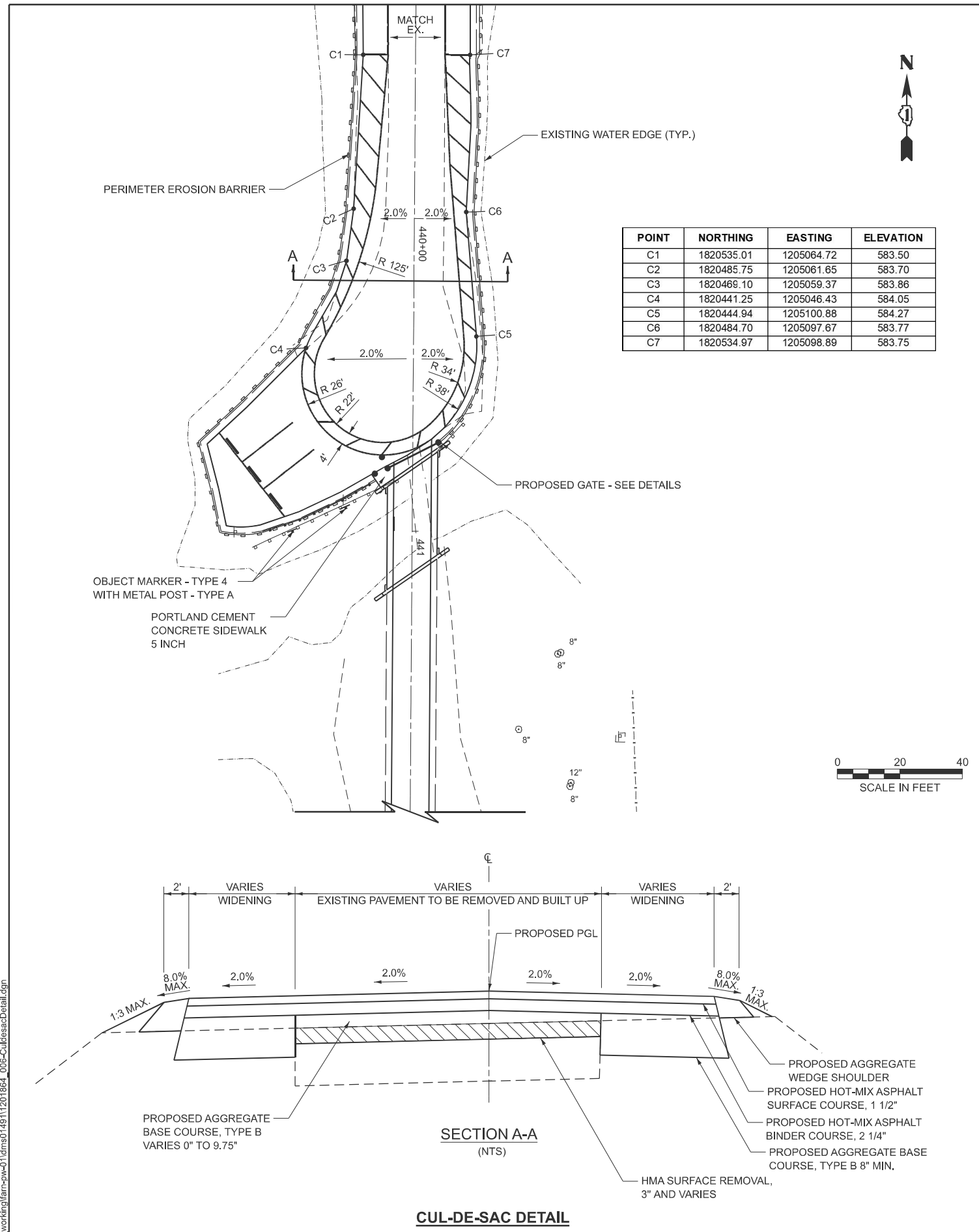
POST FOUNDATIONS PER MANUFACTURERS SPECIFICATIONS, FLUSH WITH PCC SIDEWALK, 5"

**FRONT ELEVATION**

**INFORMATION KIOSK COMPLETE DETAILS**

USER NAME = marmstrong	DESIGNED - MKB	REVISED -
	DRAWN - WLB	REVISED -
	CHECKED - JGG	REVISED -
PLOT DATE = 4/1/2026	DATE -	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WILLIAM POWERS PAVING	COOK	86	82
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



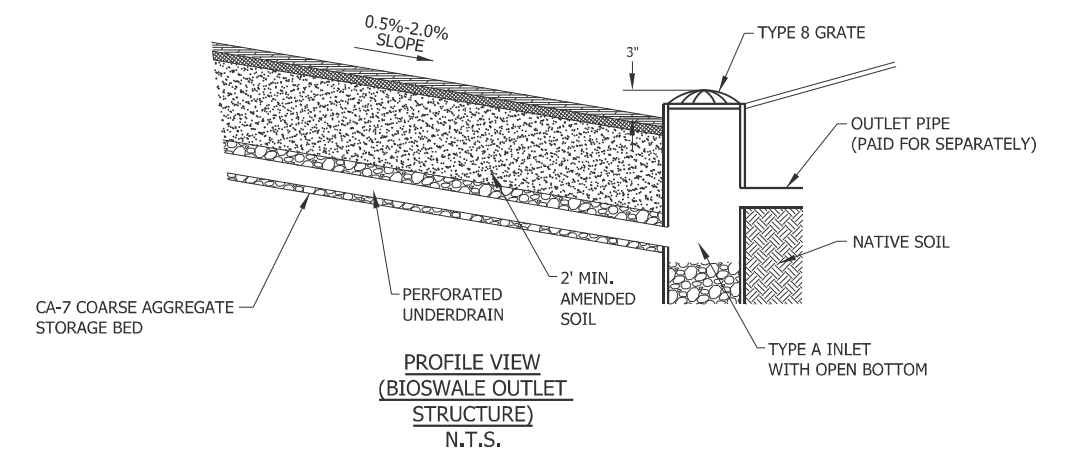
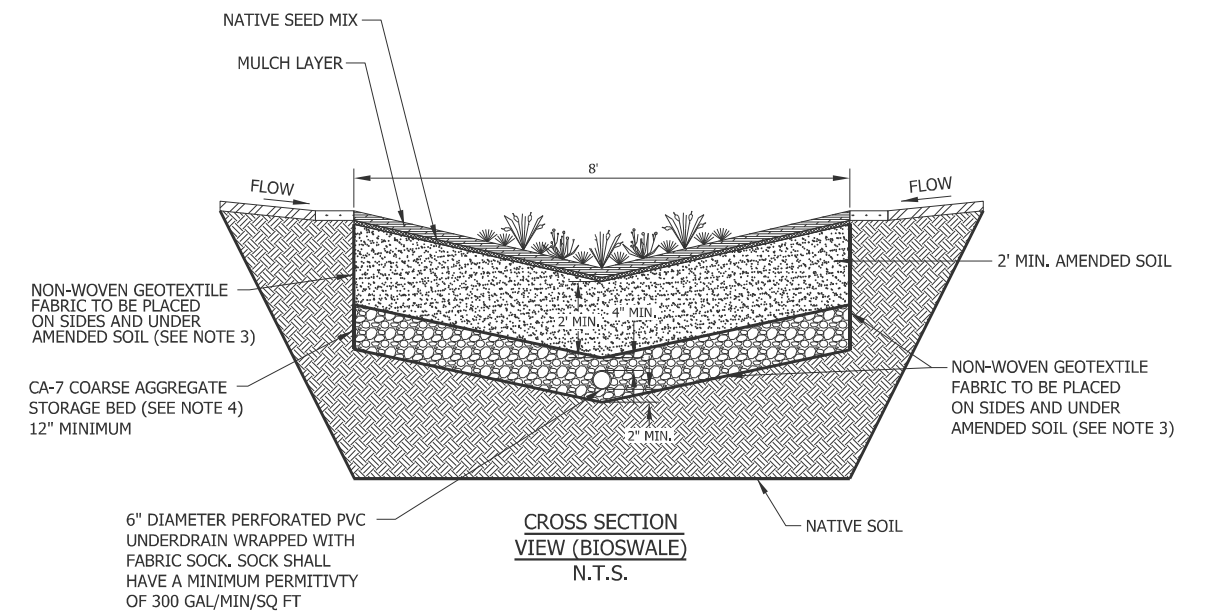
**VOLKERT**

USER NAME = marcus.mconachle	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/27/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MISCELLANEOUS DETAILS  
WILLIAM POWERS STATE PARK**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IDNR	WM POWERS PAVING	COOK	86	83
CONTRACT NO. 46952				
ILLINOIS FED. AID PROJECT				



\* SURFACE DRAIN TIME NOT TO EXCEED 12 HOURS; MAXIMUM DEPTH 18"  
\*\* TOTAL DRAIN TIME (SURFACE PLUS SUBSURFACE) NOT TO EXCEED 72 HOURS

- NOTES:
- DO NOT COMPACT NATIVE SOIL BENEATH PROPOSED BIOSWALE.
  - AFTER CONSTRUCTING BIOSWALE, CARE MUST BE TAKEN TO PREVENT COMPACTION OF INSTALLED AGGREGATE AND SOIL MEDIA LAYERS FROM EITHER PEDESTRIAN OR MECHANICAL MEANS.
  - NON-WOVEN GEOTEXTILE FABRIC SHALL MEET REQUIREMENTS OF ILLINOIS URBAN MANUAL MATERIAL SPECIFICATION 592 GEOTEXTILE, TABLE 2, CLASS 1, WITH A MINIMUM PERMITTIVITY OF 110 GAL/MIN/SQ FT.
  - STONE STORAGE BED AGGREGATE MUST BE CA-7 COARSE AGGREGATE. NO RECYCLED MATERIALS.

**BIOSWALE DETAIL**

**CUL-DE-SAC DETAIL**

MODEL: Cul-de-Sac Detail-1 (Sheet)  
FILE NAME: c:\p\working\bar-pw-41\dms014911201864\_006-CuldesacDetail.dgn





