

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

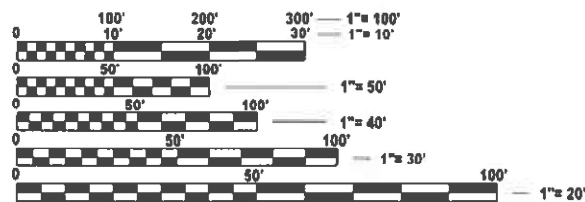
**PROPOSED
HIGHWAY PLANS**

FAI 80: (I-80 AT OAK PARK AVENUE (OVERHEAD)
SECTION FAI 80 23 BRIDGE REPLACEMENT 2
PROJECT NHPP-EU65(445)
BRIDGE SUPERSTRUCTURE REPLACEMENT
(S.N. 016-0927)
COOK COUNTY
C-91-113-24

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**THIS PROJECT IS LOCATED IN THE VILLAGE
OF TINLEY PARK IN COOK COUNTY**

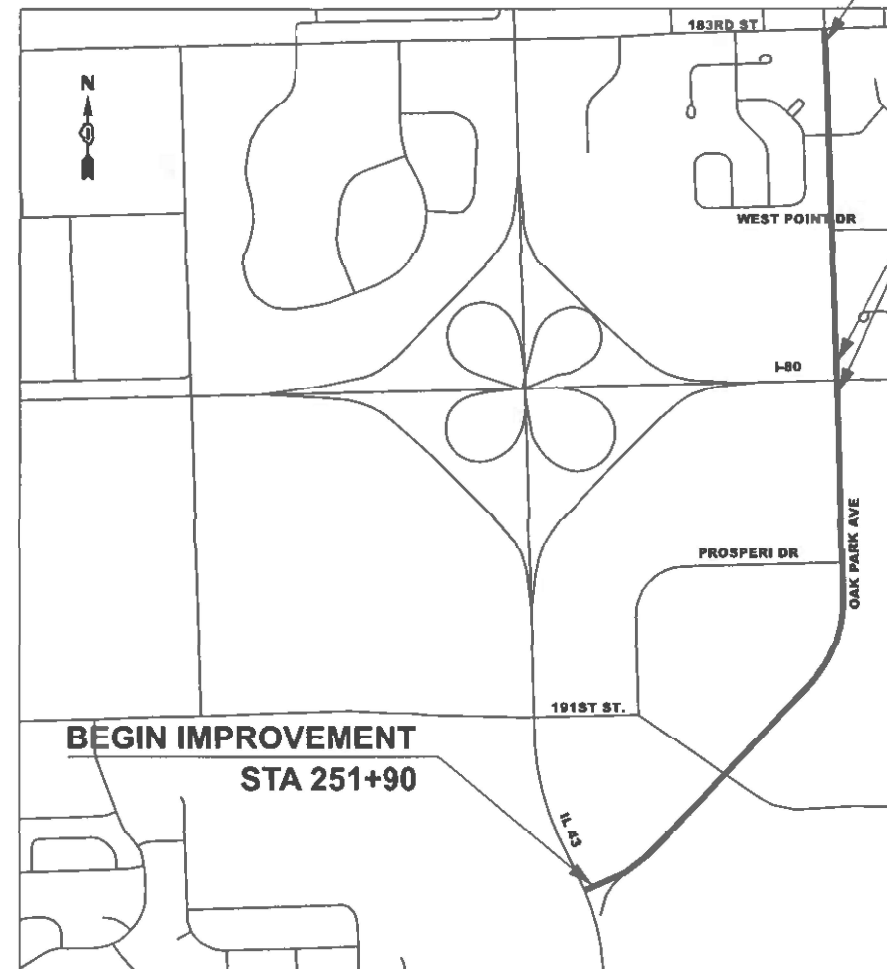
**OAK PARK AVENUE
FUNCTIONAL CLASSIFICATION
MAJOR COLLECTOR
2023 ADT = 2700
P.V. = 93.0% S.U. = 6.0% M.U. = 1.0%
POSTED SPEED LIMIT = 45 MPH
DESIGN SPEED LIMIT = 50 MPH**



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

PROJECT MANAGER PRAVEEN KAINI, P.E. (847) 705-4237
CONTRACT NO. 62W20



LOCATION MAP
N.T.S.

GROSS LENGTH = 7460 FT. = 1.413 MILE
NET LENGTH = 7460 FT. = 1.413 MILE

END IMPROVEMENT
STA 326+50

BRIDGE IMPROVEMENT
S.N. 016-0927
STA 298+86.62
TO STA 301+13.53

WI-SKIES, LLC
JOSEPH D. MARSH, P.E.
062-061554
EXPIRES 11/30/2027

Joseph D. Marsh

DATE: 06/24/2026
SIGNATURE AND SEAL
APPLIES TO DRAWINGS: 075A-075C

MILLENNIA PROFESSIONAL SERVICES
THOMAS V. NGO, P.E.
062-058379
EXPIRES 11/30/2027

Thomas V. Ngo

DATE: 05/06/2026
SIGNATURE AND SEAL
APPLIES TO DRAWINGS: 1-14, 37-53, 73-75

ARDMORE-RODERICK
SHAWN BRODASKI, P.E., S.E.
81-7569
EXPIRES 11/30/2026

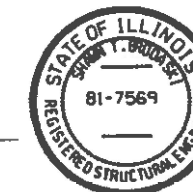
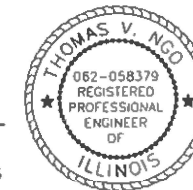
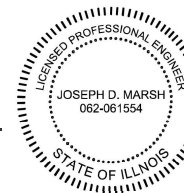
Shawn Brodaski

DATE: 05/06/2026
SIGNATURE AND SEAL
APPLIES TO DRAWINGS: 16-111

PRIMERA
JACK RICE, P.E.
062-070520
EXPIRES 11/30/2027

Jack M. Rice

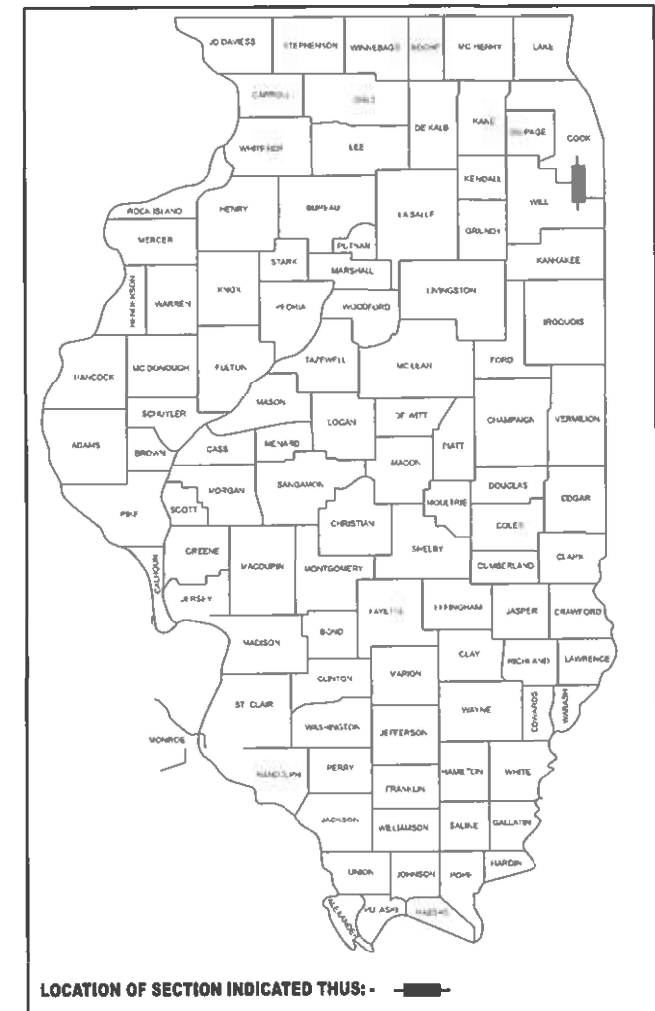
DATE: 05/06/2026
SIGNATURE AND SEAL
APPLIES TO DRAWINGS: 15-36, 63-72, 112-158



F.A.J. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	1
ILLINOIS			CONTRACT NO. 62W20	

* 158 + 6 = 164 TOTAL SHEETS

D-91-099-24



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *May 5th 2026*

Shawn Brodaski
REGIONAL ENGINEER

June 26, 2026
Shawn Brodaski
ENGINEER OF DESIGN AND ENVIRONMENT

June 26, 2026
Praveen Kaini
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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COMMITMENTS

TO CONSERVE THE NORTHERN LONG EARED BAT (NLEB) AND TRICOLORED
 BAT (TCB), NO TREE REMOVAL SHALL OCCUR BETWEEN APRIL 1 AND OCTOBER
 31 OF ANY GIVEN YEAR.

HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001-01	EARTH MEDIAN DITCH CHECK
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-11	PAVEMENT JOINTS
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602402-03	PRECAST MANHOLE TYPE A 5' (1.52m) DIAMETER
604001-05	FRAME AND LIDS TYPE 1
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
610001-09	SHOULDER INLET WITH CURB
630001-13	STEEL PLATE BEAM GUARDRAIL
630116	BACKSIDE PROTECTION OF GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL TYPE 2
631031-18	TRAFFIC BARRIER TERMINAL TYPE 6
637006-05	CONCRETE BARRIER DOUBLE FACE 44" HEIGHT
642001-03	SHOULDER RUMBLE STRIPS 16"
701006-05	OFF-RD OPERATIONS 2L 2W 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701201-05	LANE CLOSURE, 2L 2W, DAY ONLY 45MPH OR MORE
701301-04	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L 2W, MOVING OPERATIONS DAY ONLY
701400-12	APPROACH TO LANE CLOSURE FREEWAY EXPRESSWAY
701401-13	LANE CLOSURE FREEWAY EXPRESSWAY
701411-09	LANE CLOSURE MULTILANE ENTRANCE OR EXIT RAMP 45MPH OR MORE
701428-01	TRAFFIC CONTROL SETUP REMOVAL FREEWAY EXPRESSWAY
701446-11	TWO LANE CLOSURE FREEWAY EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

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USER NAME	# Inguyen	DESIGNED -	TN	REVISED -	
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		CHECKED -	TW	REVISED -	
PLOT DATE	# 5/5/2026	DATE	- 05/06/2026	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
 INDEX OF SHEETS, HIGHWAY STANDARDS, AND COMMITMENTS**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	2
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
				ROADWAY	ROADWAY	SAFETY	BRIDGE
				URBAN	URBAN	URBAN	S.N.016-0927
				90% FED 10% STATE	100% STATE	90% FED 10% STATE	90% FED 10% STATE
PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITIES	0013	0013	0021	0013
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	340	340			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	78	78			
20101000	TEMPORARY FENCE	FOOT	5000	5000			
20200100	EARTH EXCAVATION	CU YD	100	100			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	61	61			
20400800	FURNISHED EXCAVATION	CU YD	1631	1631			
20800150	TRENCH BACKFILL	CU YD	64	64			
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	206	206			
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1700	1700			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	100	100			
21400100	GRADING AND SHAPING DITCHES	FOOT	1080	1080			
25000210	SEEDING, CLASS 2A	ACRE	3	3			
25000310	SEEDING, CLASS 4	ACRE	1	1			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	395	395			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	395	395			
25100630	EROSION CONTROL BLANKET	SQ YD	16065	16065			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	4
CONTRACT NO. 62W20			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE					
					ROADWAY	ROADWAY	SAFETY	BRIDGE		
					URBAN	URBAN	URBAN	S.N.016-0927		
					90% FED 10% STATE	100% STATE	90% FED 10% STATE	90% FED 10% STATE		
PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITIES	0013	0013	0021	0013			
25100900	TURF REINFORCEMENT MAT	SQ YD	5167	5167						
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	449	449						
28000305	TEMPORARY DITCH CHECKS	FOOT	120	120						
28000400	PERIMETER EROSION BARRIER	FOOT	2350	2350						
28000500	INLET AND PIPE PROTECTION	EACH	3	3						
28000510	INLET FILTERS	EACH	13	13						
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	21778	21778						
28100105	STONE RIPRAP, CLASS A3	SQ YD	69	69						
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	78	78						
* 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	823	823						
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1499	1499						
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	2638	2638						
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	41	41						
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	11494	11494						
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	33080	33080						
40600370	LONGITUDINAL JOINT SEALANT	FOOT	7460	7460						

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PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	5
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

REV-SEP

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
				ROADWAY	ROADWAY	SAFETY	BRIDGE
				URBAN	URBAN	URBAN	S.N.016-0927
				90% FED 10% STATE	100% STATE	90% FED 10% STATE	90% FED 10% STATE
PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITIES	0013	0013	0021	0013
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	784	784			
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	1995	1995			
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	13	13			
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	444	444			
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	3990	3990			
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	7	7			
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	724	724			
42001300	PROTECTIVE COAT	SQ YD	1499	1499			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	13489	13489			
42400800	DETECTABLE WARNINGS	SQ FT	175	175			
44000100	PAVEMENT REMOVAL	SQ YD	776	776			
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	47538	47538			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	203	203			
44000600	SIDEWALK REMOVAL	SQ FT	480	480			
44001980	CONCRETE BARRIER REMOVAL	FOOT	116			116	
44004250	PAVED SHOULDER REMOVAL	SQ YD	255	255			

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PLOT DATE =	5/5/2026	DATE -	05/06/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
SUMMARY OF QUANTITIES**

SCALE: SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	6
CONTRACT NO. 62W20			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE			
					ROADWAY	ROADWAY	SAFETY	BRIDGE
					URBAN	URBAN	URBAN	S.N.016-0927
					90% FED 10% STATE	100% STATE	90% FED 10% STATE	90% FED 10% STATE
PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITIES	0013	0013	0021	0013	
44200557	CLASS APATCHES, TYPE III, 10 INCH	SQ YD	17	17				
44201299	DOWEL BARS 1 1/2"	EACH	12	12				
44213000	PATCHING REINFORCEMENT	SQ YD	17	17				
44213200	SAW CUTS	FOOT	64	64				
44213204	TIE BARS 3/4"	EACH	18	18				
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	397	397				
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	1				1	
50102400	CONCRETE REMOVAL	CU YD	45.8				45.8	
50104650	SLOPE WALL REMOVAL	SQ YD	461				461	
50157300	PROTECTIVE SHIELD	SQ YD	659				659	
50200100	STRUCTURE EXCAVATION	CU YD	442.3				442.3	
50300225	CONCRETE STRUCTURES	CU YD	204.5				204.5	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	395.8				395.8	
50300260	BRIDGE DECK GROOVING	SQ YD	1014				1014	
50300300	PROTECTIVE COAT	SQ YD	2014				2014	
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	142.2				142.2	

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	CHECKED - TW	REVISED -
PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
SUMMARY OF QUANTITIES**

SCALE: SHEET 4 OF 11 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	7
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE			
					ROADWAY	ROADWAY	SAFETY	BRIDGE
					URBAN	URBAN	URBAN	S.N.016-0927
					90% FED 10% STATE	100% STATE	90% FED 10% STATE	90% FED 10% STATE
PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITIES	0013	0013	0021	0013	
* 50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1				1	
* 50500505	STUD SHEAR CONNECTORS	EACH	8757				8757	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	184630				184630	
50800530	MECHANICAL SPLICERS	EACH	6				6	
* 50901735	BICYCLE RAILING, CURVED	FOOT	568				568	
* 50901750	PARAPET RAILING	FOOT	560				560	
51100100	SLOPE WALL 4 INCH	SQ YD	645				645	
* 51200958	FURNISHING METAL SHELL PILES 14" X 0.250"	FOOT	595				595	
* 51202305	DRIVING PILES	FOOT	595				595	
* 51203200	TEST PILE METAL SHELLS	EACH	5				5	
* 51204650	PILE SHOES	EACH	24				24	
* 51500100	NAME PLATES	EACH	1				1	
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	28				28	
52100520	ANCHOR BOLTS, 1"	EACH	70				70	
* 52200010	TEMPORARY SHEET PILING	SQ FT	5134				5134	
53212754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	38				38	

* SPECIALTY ITEM

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PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	8
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

REV-SEP

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
				ROADWAY	ROADWAY	SAFETY	BRIDGE
				URBAN	URBAN	URBAN	S.N.016-0927
				90% FED 10% STATE	100% STATE	90% FED 10% STATE	90% FED 10% STATE
PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITIES	0013	0013	0021	0013
54213666	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"	EACH	1	1			
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	12	12			
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	133	133			
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	90	90			
* 56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	1	1			
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	192				192
58700300	CONCRETE SEALER	SQ FT	830				830
59000200	EPOXY CRACK INJECTION	FOOT	6				6
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	120				120
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	2	2			
60100945	PIPE DRAINS 12"	FOOT	380	380			
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	140	140			
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	152				152
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60500060	REMOVING INLETS	EACH	4	4			

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	CHECKED - TW	REVISED -
PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	9
CONTRACT NO. 62W20			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE			
					ROADWAY	ROADWAY	SAFETY	BRIDGE
					URBAN	URBAN	URBAN	S.N.016-0927
					90% FED 10% STATE	100% STATE	90% FED 10% STATE	90% FED 10% STATE
PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITIES	0013	0013	0021	0013	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6,12	FOOT	346	346				
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	516			516		
* 63000035	BACK SIDE PROTECTION OF GUARDRAIL	FOOT	283			283		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1			1		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4			4		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	5			5		
63200310	GUARDRAIL REMOVAL	FOOT	1236			1236		
* 63700280	CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT	FOOT	70			70		
* 63700805	CONCRETE BARRIER TRANSITION	FOOT	30			30		
* 63700900	CONCRETE BARRIER BASE	FOOT	100			100		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	1100			1100		
* 66400105	CHAIN LINK FENCE, 4'	FOOT	1679			1679		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2410	2410				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4				
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1				
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1				

* SPECIALTY ITEM

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USER NAME = Inguyen	DESIGNED - TVN	REVISED -
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	CHECKED - TW	REVISED -
PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	10
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

REV-SEP

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE			
					ROADWAY	ROADWAY	SAFETY	BRIDGE
					URBAN	URBAN	URBAN	S.N.016-0927
					90% FED 10% STATE	100% STATE	90% FED 10% STATE	90% FED 10% STATE
PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITIES	0013	0013	0021	0013	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	18	18				
67100100	MOBILIZATION	L SUM	1			1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28			28		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5142			5142		
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	14186			14186		
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	281			281		
70307140	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE	FOOT	330			330		
70307160	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE	FOOT	102			102		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	883			883		
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	424			424		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	647			647		
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2			2		
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2			2		
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	11			11		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4			4		
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1094			1094		

* SPECIALTY ITEM

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PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
SUMMARY OF QUANTITIES

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	11
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE			
					ROADWAY	ROADWAY	SAFETY	BRIDGE
					URBAN	URBAN	URBAN	S.N.016-0927
					90% FED 10% STATE	100% STATE	90% FED 10% STATE	90% FED 10% STATE
PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITIES	0013	0013	0021	0013	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	56904			56904		
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	972			972		
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	3840			3840		
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	780			780		
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1351			1351		
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	252			252		
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	1094			1094		
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	42718			42718		
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	972			972		
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	3559			3559		
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	450			450		
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1249			1249		
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	252			252		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	632			632		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	18			18		
* 78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	5			5		

* SPECIALTY ITEM

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PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
SUMMARY OF QUANTITIES

SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	12
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

REV-SEP

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE			
					ROADWAY	ROADWAY	SAFETY	BRIDGE
					URBAN	URBAN	URBAN	S.N.016-0927
					90% FED 10% STATE	100% STATE	90% FED 10% STATE	90% FED 10% STATE
PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITIES	0013	0013	0021	0013	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	632			632		
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	5142			5142		
* 81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	2938	2938				
X1200234	SHOULDER INLET WITH CURB	EACH	4	4				
• X4201410	BRIDGE APPROACH PAVEMENT CONNECTOR (SPECIAL)	SQ YD	167	167				
X5017309	PROTECTIVE SHIELD REMOVAL	L SUM	1				1	
X5021512	COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK)	EACH	1			1		
* X5080530	BAR TERMINATORS	EACH	288				288	
X5230176	DRAINAGE SCUPPERS, DS-12	EACH	4				4	
X5510012	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	1	1				
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	12		12			
X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	785		785			
X5538100	STORM SEWERS TO BE CLEANED 21"	FOOT	99		99			
X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	269		269			
X6010003	PIPE DRAIN REMOVAL	FOOT	380	380				
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	2	2				

* SPECIALTY ITEM

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PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
SUMMARY OF QUANTITIES

SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	13
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE					
					ROADWAY	ROADWAY	SAFETY	BRIDGE		
					URBAN	URBAN	URBAN	S.N.016-0927		
					90% FED 10% STATE	100% STATE	90% FED 10% STATE	90% FED 10% STATE		
PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITIES	0013	0013	0021	0013			
X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	2	2						
X6420100	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	148	148						
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	160			160				
* X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	18	18						
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1			1				
X7010410	SPEED DISPLAY TRAILER	CAL MO	18			18				
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1			1				
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	215			215				
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	103			103				
X7802002	UNDERDRAIN HEADWALL MARKER	EACH	4	4						
X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3			3				
* Z0004552	APPROACH SLAB REMOVAL	SQ YD	195	195						
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1						
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	13		13					
* X6026635	UTILITY VAULTS	EACH	3	3						
* X6020052	JUNCTION BOXES	EACH	3	3						
Ø Z0076600	TRAINEES	HOUR	500	500						
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500						

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

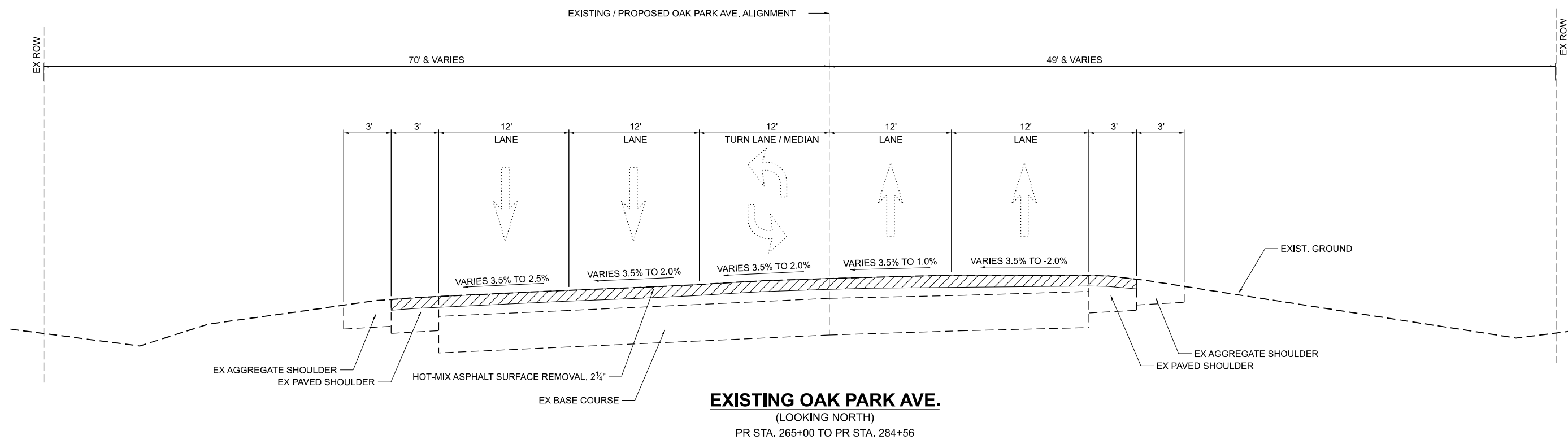
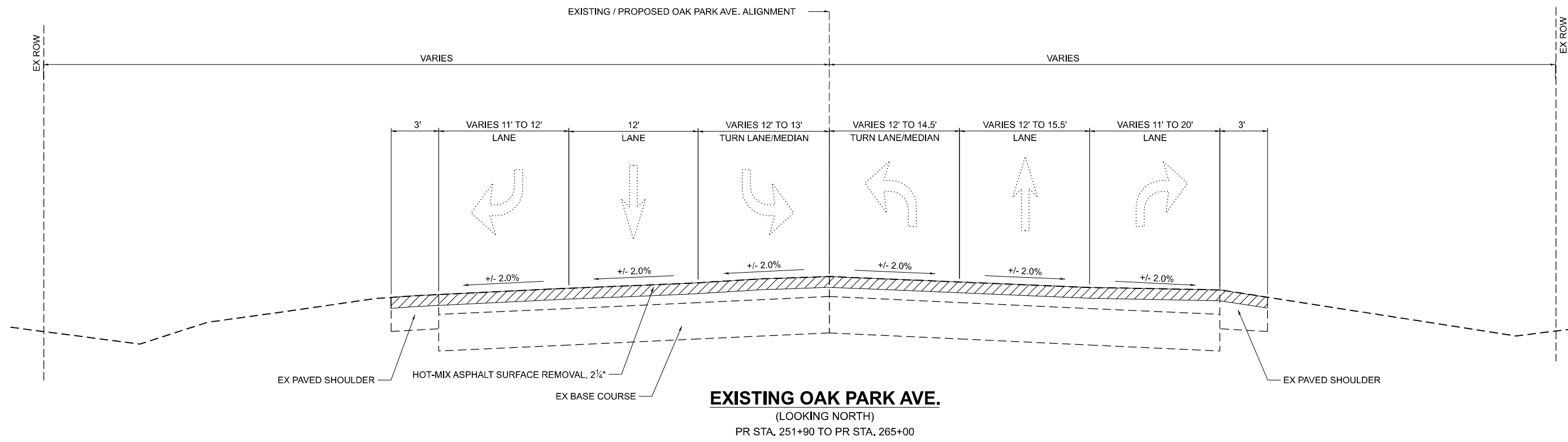
OAK PARK AVENUE OVER I-80
SUMMARY OF QUANTITIES

SCALE: SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	14
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

Ø 0042

REV-SEP



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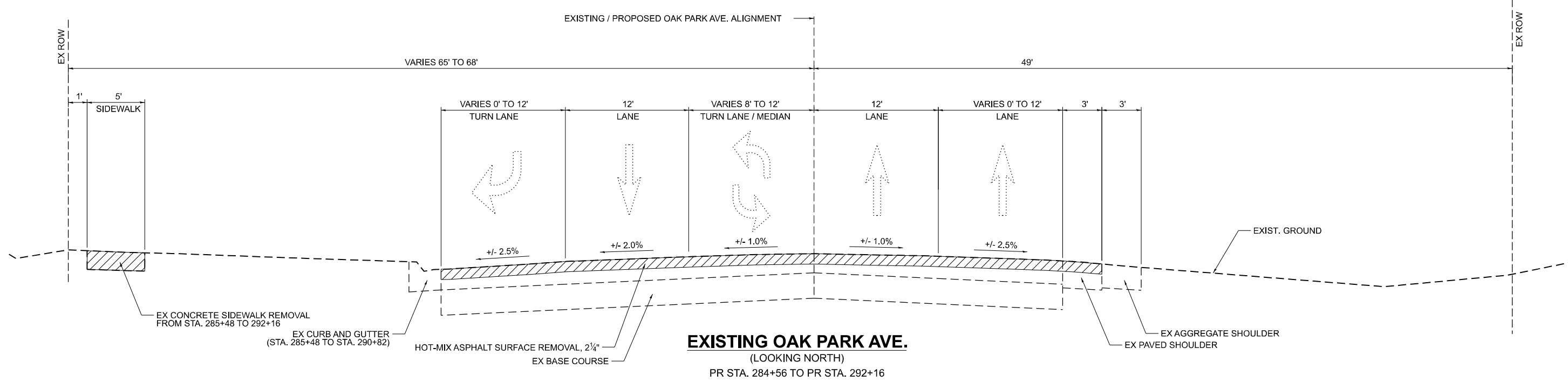
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

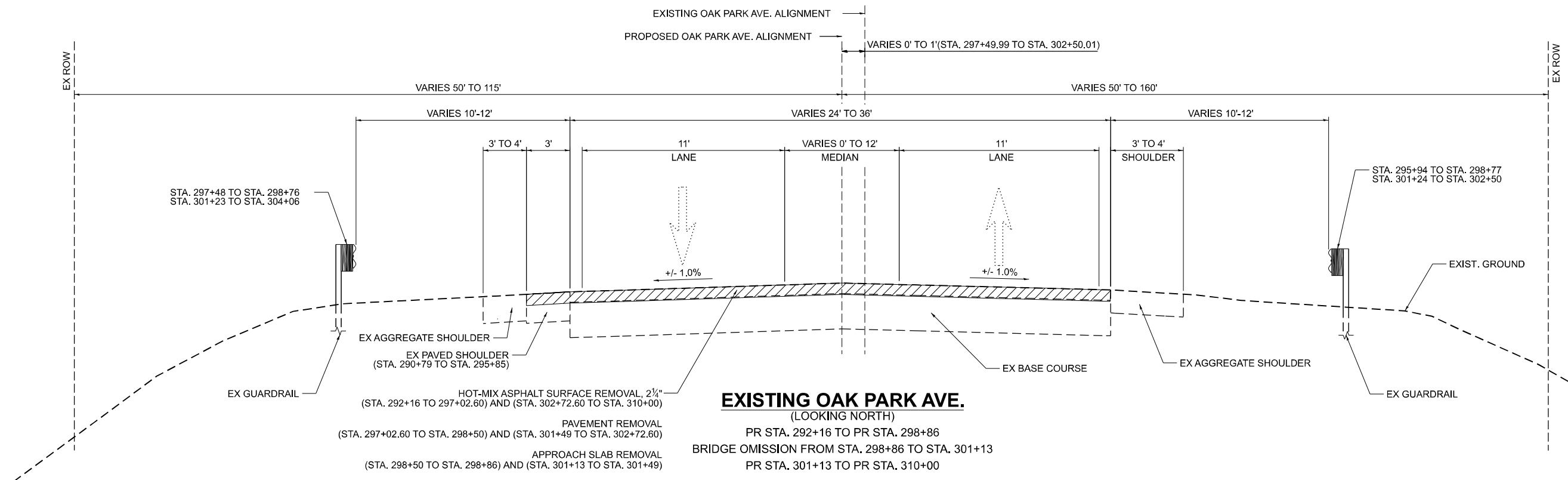
OAK PARK AVENUE OVER I-80
TYPICAL SECTIONS

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	15
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



EXISTING OAK PARK AVE.
(LOOKING NORTH)
PR STA. 284+56 TO PR STA. 292+16



EXISTING OAK PARK AVE.
(LOOKING NORTH)
PR STA. 292+16 TO PR STA. 298+86
BRIDGE OMISSION FROM STA. 298+86 TO STA. 301+13
PR STA. 301+13 TO PR STA. 310+00

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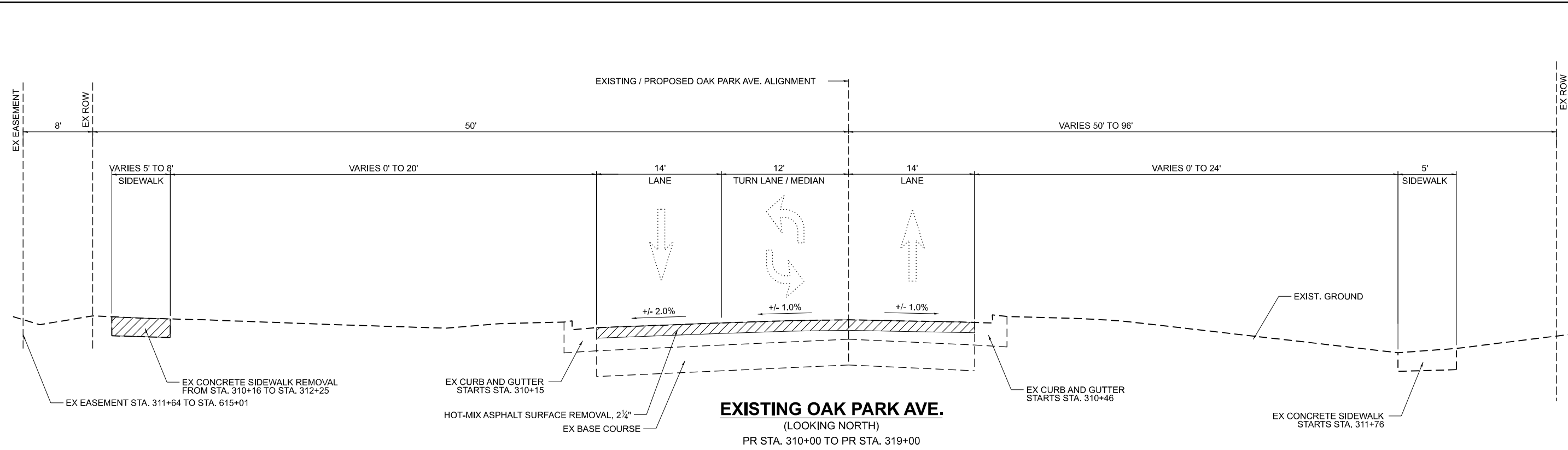
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

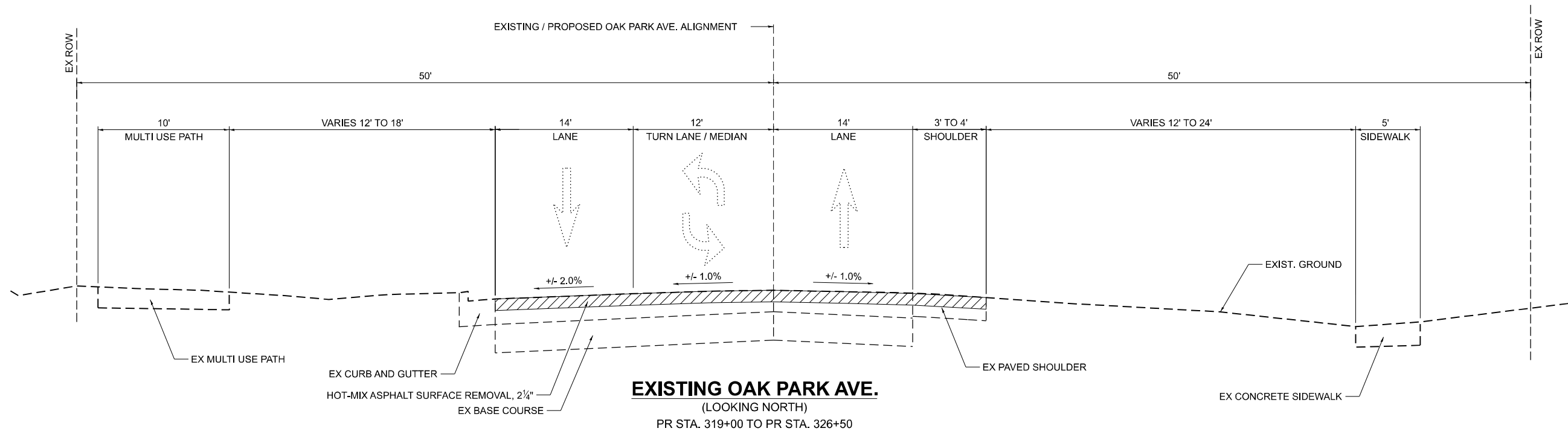
OAK PARK AVENUE OVER I-80
TYPICAL SECTIONS

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	16
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



EXISTING OAK PARK AVE.
(LOOKING NORTH)
PR STA. 310+00 TO PR STA. 319+00



EXISTING OAK PARK AVE.
(LOOKING NORTH)
PR STA. 319+00 TO PR STA. 326+50

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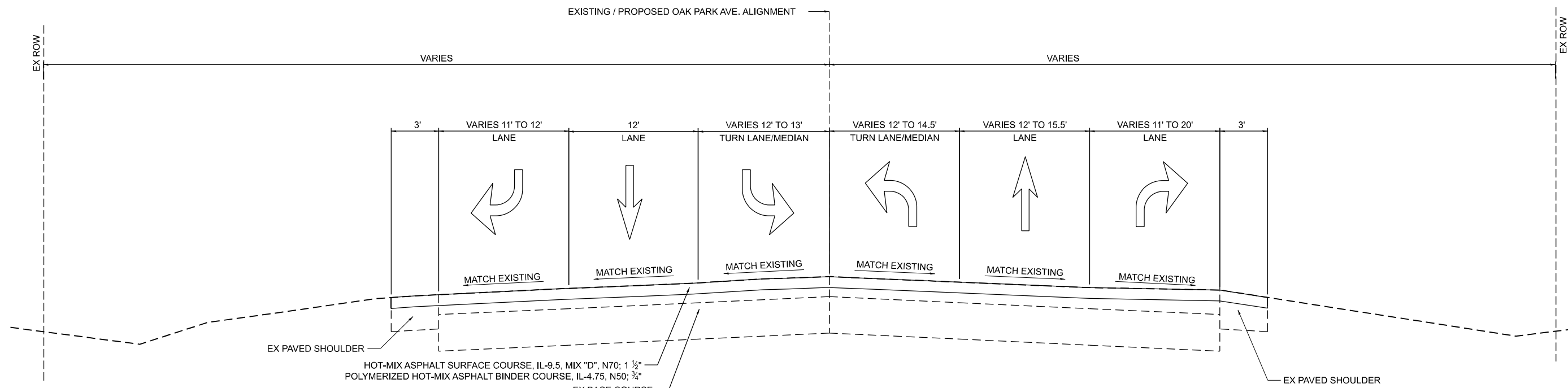
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DATE -	03/06/2026	REVISED -			
PLOT DATE =	4/27/2026				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
TYPICAL SECTIONS

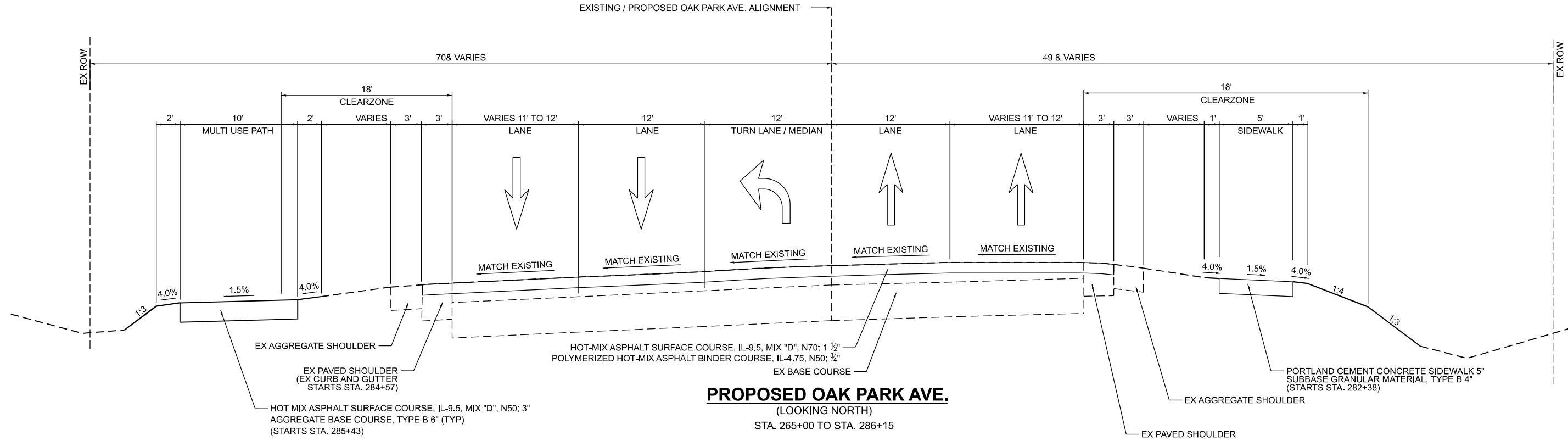
SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	17
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



PROPOSED OAK PARK AVE.
(LOOKING NORTH)
PR STA. 251+90 TO PR STA. 265+00

NOTE:
1. LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER HMA SURFACE COURSE ALONG OAK PARK AVE. RESURFACING AND RECONSTRUCTION SECTIONS.



PROPOSED OAK PARK AVE.
(LOOKING NORTH)
STA. 265+00 TO STA. 286+15

MODEL: Typical sections-3 (Sheet)
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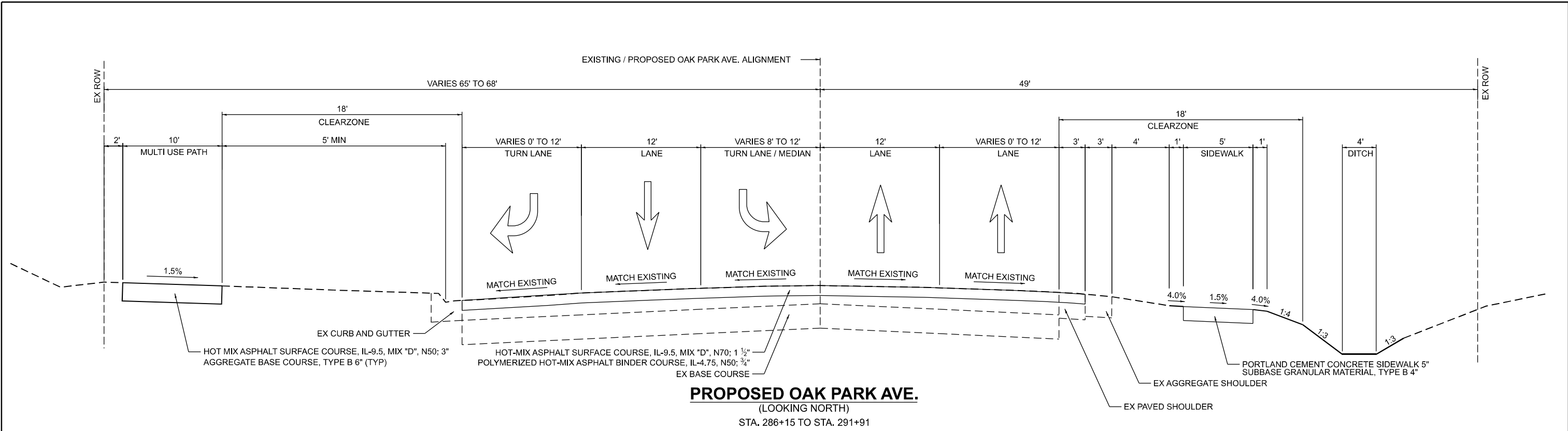
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

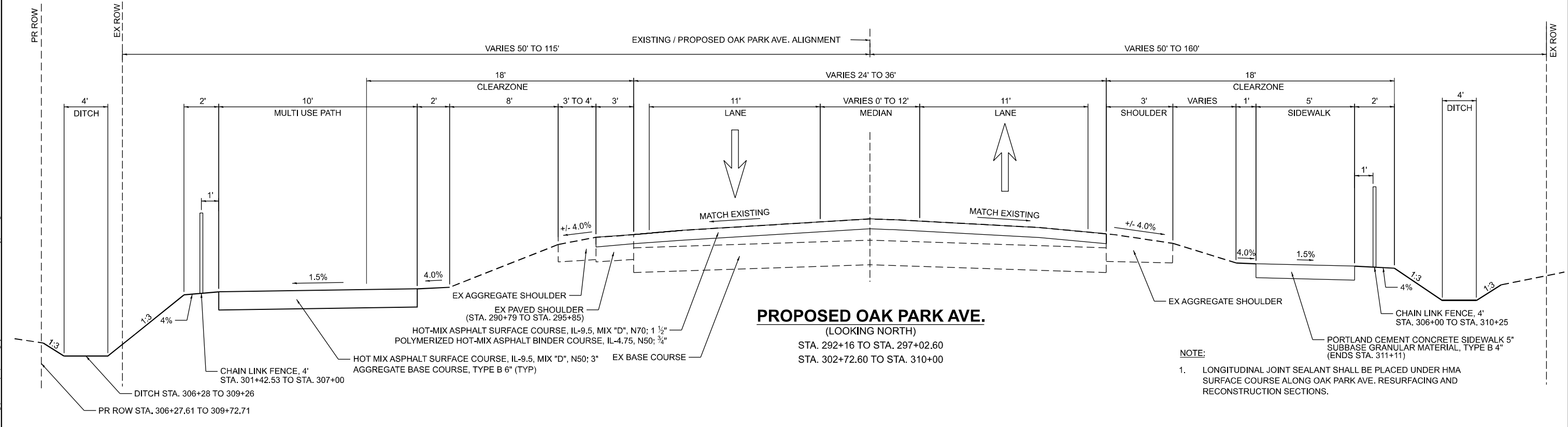
OAK PARK AVENUE OVER I-80
TYPICAL SECTIONS

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	18
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



PROPOSED OAK PARK AVE.
(LOOKING NORTH)
STA. 286+15 TO STA. 291+91



PROPOSED OAK PARK AVE.
(LOOKING NORTH)
STA. 292+16 TO STA. 297+02.60
STA. 302+72.60 TO STA. 310+00

NOTE:
1. LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER HMA SURFACE COURSE ALONG OAK PARK AVE. RESURFACING AND RECONSTRUCTION SECTIONS.

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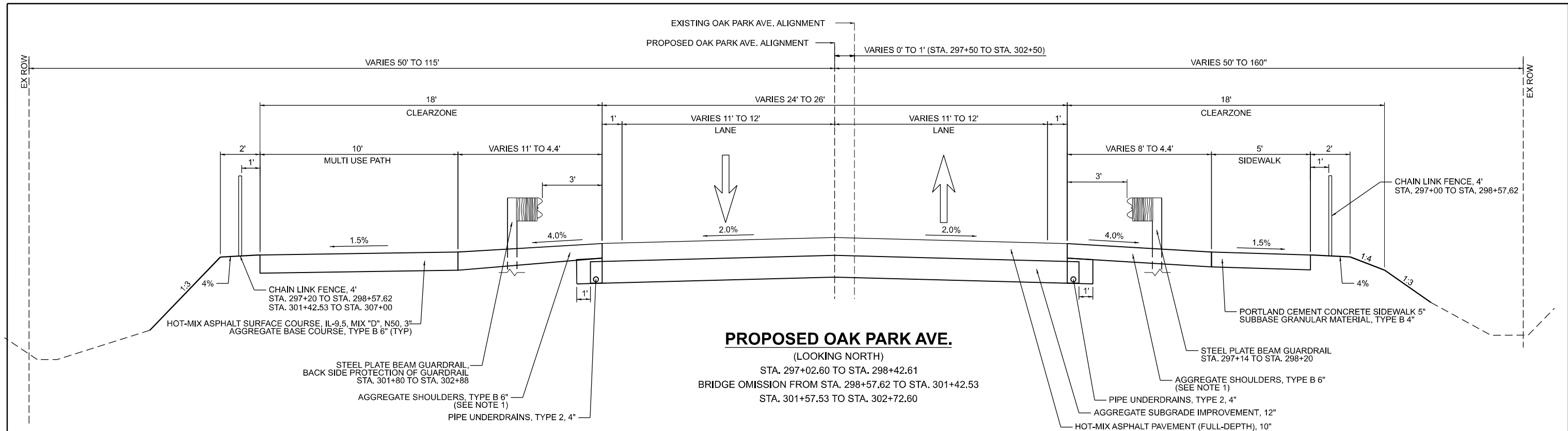
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
TYPICAL SECTIONS**

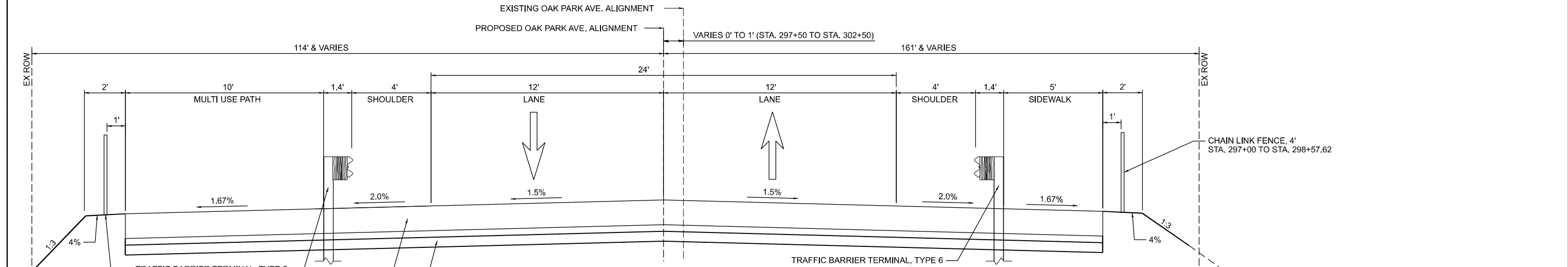
SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	19
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



PROPOSED OAK PARK AVE.

(LOOKING NORTH)
 STA. 297+02.60 TO STA. 298+42.61
 BRIDGE OMISSION FROM STA. 298+57.62 TO STA. 301+42.53
 STA. 301+57.53 TO STA. 302+72.60



PROPOSED OAK PARK AVE. (PCC CONNECTOR)

(LOOKING NORTH)
 STA. 298+42.62 TO STA. 298+57.62
 BRIDGE OMISSION FROM STA. 298+57.62 TO STA. 301+42.53
 STA. 301+42.53 TO STA. 301+57.53
 (SEE NOTE 2)

- NOTES:**
- AGGREGATE SHOULDERS TO BE PLACED AT PROPOSED GUARDRAIL LOCATIONS.
 - SEE PCC CONNECTOR DETAIL SHEET FOR ADDITIONAL DETAILS.
 - LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER HMA SURFACE COURSE ALONG OAK PARK AVE. RESURFACING AND RECONSTRUCTION SECTIONS.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		AIR VOIDS	QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE			
PAVEMENT RECONSTRUCTION (HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 10")			
HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70; 2"		4% @ 70 Gyr.	QC/QA
HOT MIX ASPHALT BINDER COURSE, IL-19.0, N70; 8"		4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT SHARED USE PATH			
HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3" (IN 2 LIFTS)		4% @ 50 Gyr.	QC/QA
PAVEMENT RESURFACING			
HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70; 1 1/2"		4% @ 70 Gyr.	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4"		3.5% @ 50 Gyr.	QCP
SHOULDER RECONSTRUCTION			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2"		3.5% @ 80 Gyr.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 4"		4% @ 90 Gyr.	QC/QA
SHOULDER RUMBLE STRIP REMOVAL			
HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70; 2"		4% @ 70 Gyr.	QC/QA
STABILIZED SUBBASE			
STABILIZED SUB-BASE HOT-MIX ASPHALT, 4"		3% @ 50 Gyr.	QC/QA

QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE(QA/QC); QUALITY CONTROL FOR PERFORMANCE(QCP); PAY FOR PERFORMANCE (PPF)

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/ SQ YD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

MODEL: Typical Sections-6 (Sheet) FILE NAME: c:\pwworking\primera\project\62w20\62w20-sh-typical.dgn



USER NAME = Inguyen	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
	CHECKED - JR	REVISED -
PLOT DATE = 4/27/2026	DATE - 03/06/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
TYPICAL SECTIONS**

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	20
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

MODEL: Typical Sections-7 (Sheet)
 FILE NAME: c:\pwworking\primera\pwworking\inguyen\2\62W20\ext-typical.dgn



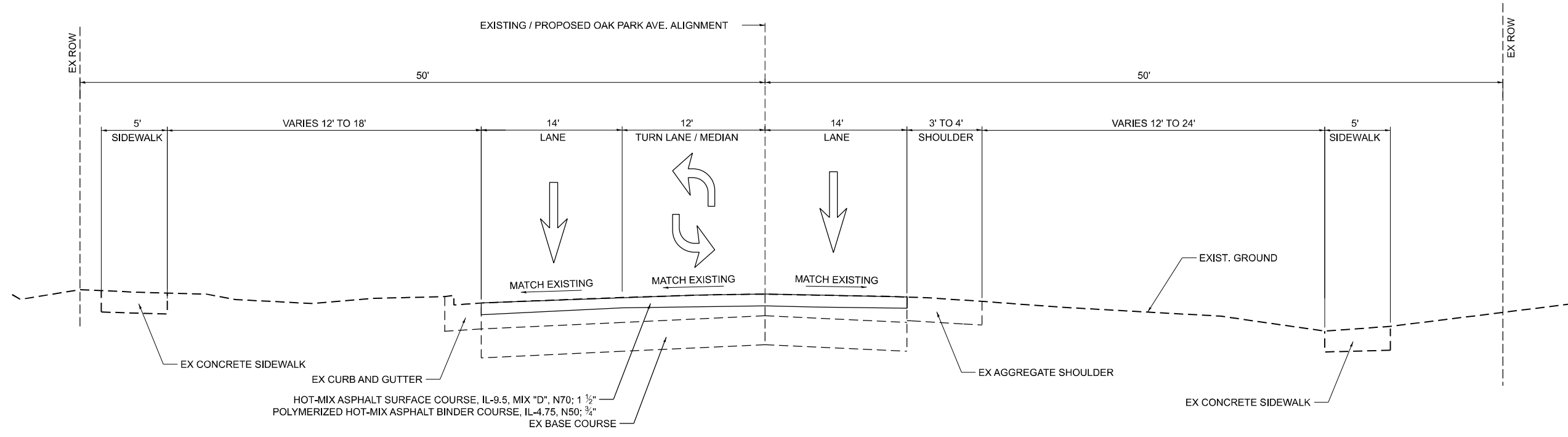
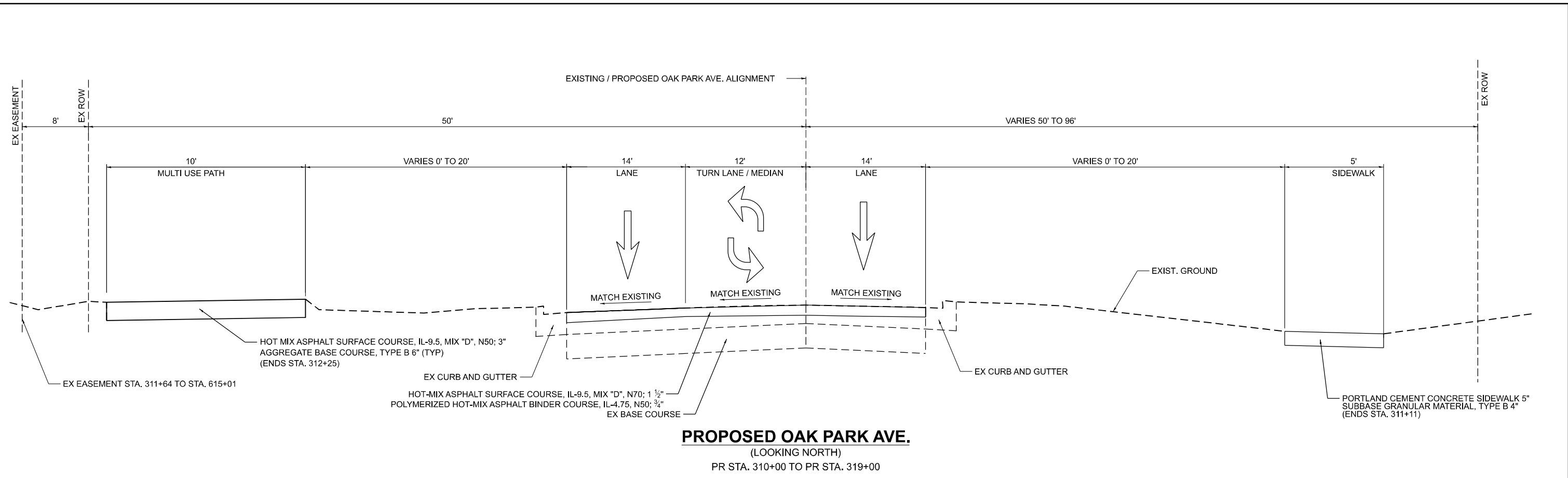
USER NAME =	Inguyen	DESIGNED -	MM	REVISED -	
DRAWN -	MM	REVISED -			
CHECKED -	JR	REVISED -			
DATE -	03/06/2026	REVISED -			
PLOT DATE =	2/25/2026				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

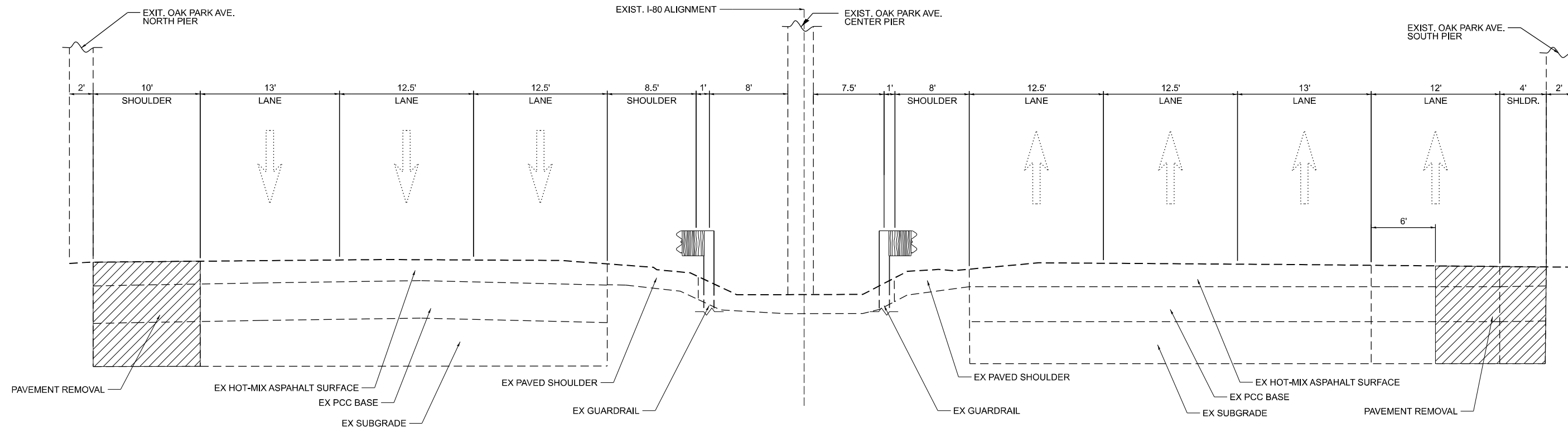
OAK PARK AVENUE OVER I-80
TYPICAL SECTIONS

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

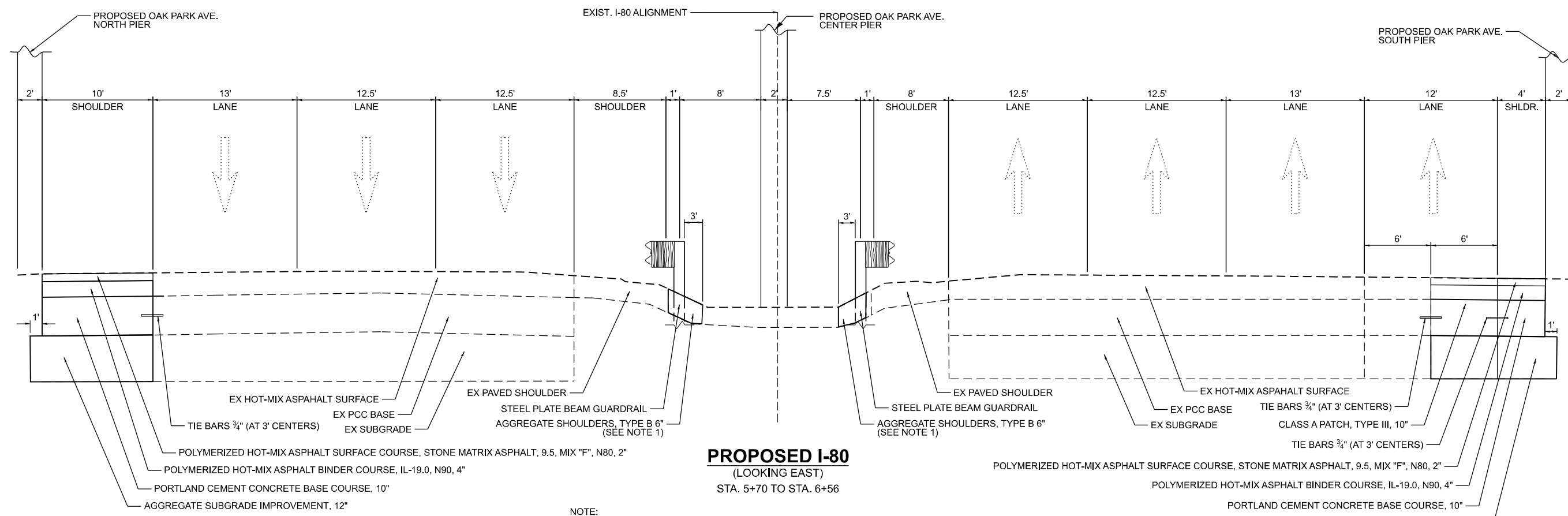
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	21
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



NOTE:
 1. LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER HMA SURFACE COURSE ALONG OAK PARK AVE. RESURFACING AND RECONSTRUCTION SECTIONS.



EXISTING I-80
(LOOKING EAST)
STA. 5+70 TO STA. 6+56



PROPOSED I-80
(LOOKING EAST)
STA. 5+70 TO STA. 6+56

NOTE:
1. AGGREGATE SHOULDERS TO BE PLACED AT PROPOSED GUARDRAIL LOCATIONS.

MODEL: Typical Sections-8 (Sheet)
 FILE NAME: c:\pwworking\primera\pwworking\project\62W20\2026\8-H-Typical.dgn
 60 W. JACKSON BLVD. SUITE 610 CHICAGO IL 60611 P.312-886-8110 F.312-886-8445



USER NAME = Inguyen	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
	CHECKED - JR	REVISED -
PLOT DATE = 4/27/2026	DATE - 03/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
TYPICAL SECTIONS

SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	22
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE

Station	EARTH EXCAVATION	ADJUSTED EARTH EXCAVATION	FILL	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CJ YD	CJ YD	CJ YD	CJ YD
282+50	0	0	0	0
283+00	7	6	0	6
283+50	7	6	0	6
284+00	6	5	0	5
284+50	7	6	0	6
285+00	7	6	0	6
285+50	7	6	0	6
286+00	19	16	5	11
286+50	26	22	5	18
287+00	22	19	0	19
287+50	22	19	0	19
288+00	37	32	0	32
288+50	53	45	0	45
289+00	51	43	0	43
289+50	57	48	0	48
290+00	64	55	3	52
290+50	82	69	3	67
291+00	69	59	1	58
291+50	73	62	1	61
292+00	78	66	0	66
292+50	50	42	0	42
293+00	38	33	10	23
293+50	22	18	14	4
294+00	12	11	21	-10
294+50	8	7	33	-26
295+00	7	6	29	-23
295+50	8	7	24	-17
296+00	8	7	25	-19
296+50	6	5	37	-32
297+00	8	6	42	-36
297+50	12	10	83	-73
297+97	12	10	193	-183
298+00	32	27	264	-236
298+50	34	29	270	-241
299+00	0	0	0	0
299+50	0	0	0	0
300+00	0	0	0	0
300+50	0	0	0	0
301+00	0	0	0	0
301+50	0	0	0	0
302+00	39	34	279	-246
302+50	16	14	176	-162
303+00	20	17	73	-56
303+50	17	14	49	-34
304+00	14	12	57	-45
304+50	12	11	45	-34
305+00	11	9	26	-17
305+50	10	9	30	-22
306+00	7	6	56	-50
306+50	7	6	90	-84
307+00	12	10	110	-100
307+50	113	96	129	-33
308+00	141	120	158	-38
308+50	81	69	165	-96
309+00	94	80	170	-90
309+50	99	84	186	-102
310+00	93	79	158	-79
310+50	49	42	74	-32
311+00	12	10	27	-17
311+50	6	5	31	-26
312+00	10	8	19	-11
	TOTAL	1,541	3,172	-1,631

NOTE:
15% SHRINKAGE FACTOR APPLIED TO ADJUSTED EARTH EXCAVATION

MODEL: Schedule [Sheet]
FILE NAME: c:\pwworking\primera\pwworking\pwworking\dms56232\0162W20\earth-schedule.dgn
80 W. JACKSON BLVD. SUITE 810 CHICAGO IL 60611 P.312-886-8110 F.312-886-4415



USER NAME = jrjce	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
	CHECKED - JR	REVISED -
PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
SCHEDULE OF QUANTITIES**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	23
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

70300150 - SHORT TERM PAVEMENT MARKING REMOVAL	
TYPE	QUANTITY
AS PER 70307120 QTY	4681.42
AS PER 70307130 QTY	140.39
AS PER 70307140 QTY	217.47
AS PER 70307160 QTY	102.23
TOTAL	5141.50

70307120 - TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE					
TYPE	STATION	TO	STATION	OFFSET	QUANTITY
STAGE 1B	09+53.40		15+62.16	70.00' RT	610.53
STAGE 1B	15+62.16		21+60.10	54.26' RT	598.10
STAGE 1B	15+62.16		21+60.10	41.62' RT	597.36
STAGE 1B	15+62.16		21+60.10	30.02' RT	597.41
SOLID YELLOW LINE	15+62.16		21+60.10	17.89' RT	597.42
STAGE 1B	11+08.74		25+09.53	45.67' LT	1397.93
STAGE 1B	11+08.74		25+09.53	34.67' LT	1397.84
STAGE 1B	11+08.74		25+09.53	23.67' LT	1398.18
SOLID YELLOW LINE	11+51.30		25+09.53	12.67' LT	1398.61
STAGE 2A	11+08.74		26+05.00	55.30' LT	1397.73
STAGE 2A	11+08.74		26+05.00	44.30' LT	1397.45
STAGE 2A	11+08.74		26+05.00	33.30' LT	1398.75
SOLID YELLOW LINE	11+08.74		26+05.00	22.30' LT	1398.80
TOTAL					14186.11

70307130 - TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE					
TYPE	STATION	TO	STATION	OFFSET	QUANTITY
STAGE 1B	08+67.33		11+08.74	56.35' LT	76.95
STAGE 1B	09+53.40		15+62.16	54.26' RT	203.82
TOTAL					280.77

70307140 - TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE					
TYPE	STATION	TO	STATION	OFFSET	QUANTITY
STAGE 1B	07+80.25		09+53.40	56.01 RT	329.50
TOTAL					329.50

70307160 - TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE					
TYPE	STATION	TO	STATION	OFFSET	QUANTITY
STAGE 1B	02+71.06		09+53.40	56.021 RT	102.23
TOTAL					102.23

70400100 - TEMPORARY CONCRETE BARRIER					
TYPE	STATION	TO	STATION	OFFSET	QUANTITY
STAGE 1B	16+25.31		20+00.04	56.22' RT	375.42
STAGE 1B	16+99.64		19+71.82	53.32' LT	272.03
STAGE 2A	15+36.65		20+61.29	13.11' LT	235.29
TOTAL					882.74

70400125 - PINNING TEMPORARY CONCRETE BARRIER					
TYPE	STATION	TO	STATION	OFFSET	QUANTITY
STAGE 1B	16+25.31		20+00.04	56.22' RT	180.20
STAGE 1B	16+99.64		19+71.82	53.32' LT	130.57
STAGE 2A	15+36.65		20+61.29	13.11' LT	112.94
TOTAL					423.72

70400200 - RELOCATE TEMPORARY CONCRETE BARRIER					
TYPE	STATION	TO	STATION	OFFSET	QUANTITY
STAGE 2A	14+60.33		20+02.12	15.42' RT	375.42
STAGE 2A	15+98.52		20+37.60	13.14' LT	272.03
TOTAL					647.45

70600260 - IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW). TEST LEVEL 3					
TYPE	STATION	TO	STATION	OFFSET	QUANTITY
STAGE 1B	16+01.62		16+25.31	62.50' RT	1
STAGE 1B	19+71.82		19+95.51	53.32' LT	1
TOTAL					2

70600332 - IMPACT ATTENUATORS, RELOCATE(FULLY REDIRECTIVE, NARROW). TEST LEVEL 3					
TYPE	STATION	TO	STATION	OFFSET	QUANTITY
STAGE 2A	15+36.64		15+60.33	9.39' RT	1
STAGE 2A	20+37.60		20+61.29	13.11' LT	1
TOTAL					2

78009004 - MODIFIED URETHANE PAVEMENT MARKING - LINE 4"					
TYPE	STATION	TO	STATION	OFFSET	QUANTITY
SOLID WHITE LINE	09+53.40		15+62.16	70.00' RT	610.53
SOLID WHITE LINE	15+62.16		21+60.10	54.26' RT	598.10
SOLID WHITE LINE	15+62.16		21+60.10	41.62' RT	597.36
SOLID WHITE LINE	15+62.16		21+60.10	30.02' RT	597.41
SOLID YELLOW LINE	15+62.16		21+60.10	17.89' RT	597.42
SOLID WHITE LINE	11+08.74		25+09.53	45.67' LT	1397.93
SOLID WHITE LINE	11+08.74		25+09.53	34.67' LT	1397.84
SOLID WHITE LINE	11+08.74		25+09.53	23.67' LT	1398.18
SOLID YELLOW LINE	11+51.30		25+09.53	12.67' LT	1398.61
SOLID WHITE LINE	11+08.74		26+05.00	55.30' LT	1397.73
SOLID WHITE LINE	11+08.74		26+05.00	44.30' LT	1397.45
SOLID WHITE LINE	11+08.74		26+05.00	33.30' LT	1398.75
SOLID YELLOW LINE	11+08.74		26+05.00	22.30' LT	1398.80
TOTAL					14186.11

78009006 - MODIFIED URETHANE PAVEMENT MARKING - LINE 6"					
TYPE	STATION	TO	STATION	OFFSET	QUANTITY
SOLID WHITE LINE - 2' DASH - 6' SKIP	08+67.33		11+08.74	56.35' LT	76.95
SOLID WHITE LINE - 2' DASH - 6' SKIP	09+53.40		15+62.16	54.26' RT	203.82
TOTAL					280.77

78009008 - MODIFIED URETHANE PAVEMENT MARKING - LINE 8"					
TYPE	STATION	TO	STATION	OFFSET	QUANTITY
SOLID WHITE LINE	07+80.25		09+53.40	56.01 RT	329.50
TOTAL					329.50

78009012 - MODIFIED URETHANE PAVEMENT MARKING - LINE 12"					
TYPE	STATION	TO	STATION	OFFSET	QUANTITY
SOLID WHITE LINE	02+71.06		09+53.40	56.021 RT	102.23
TOTAL					102.23

78300200 - PAVEMENT MARKING REMOVAL - WATER BLASTING	
TYPE	QUANTITY
AS PER 70307120 QTY	4681.42
AS PER 70307130 QTY	140.39
AS PER 70307140 QTY	217.47
AS PER 70307160 QTY	102.23
TOTAL	5141.50

MODEL - Schedule-1 (Sheet)
FILE NAME - c:\pwworking\primera\pwworking\dms56232\162120\0-sh-h-schedule.dgn



USER NAME = Inguyen
DESIGNED - TVN
DRAWN - JP/SKP
CHECKED - TW
PLOT DATE = 5/5/2026

REVISED -
REVISED -
REVISED -
REVISED -

DATE = 05/06/2026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	24

CONTRACT NO. 62W20
ILLINOIS FED. AID PROJECT

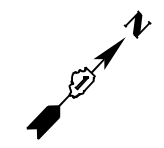
PR CURVE
 PI STA = 254+51.26
 $\Delta = 23^\circ 12' 20''$ (LT)
 D = $07^\circ 49' 45''$
 R = 731.83'
 T = 150.26'
 L = 296.40'
 E = 15.27'
 e = _____
 TR = _____
 SE RUN = _____
 PC STA = 253+01.00
 PT STA = 255+97.40

PR CURVE
 PI STA = 278+89.39
 $\Delta = 46^\circ 06' 21''$ (LT)
 D = $05^\circ 27' 53''$
 R = 1,048.48'
 T = 446.20'
 L = 843.71'
 E = 90.99'
 e = _____
 TR = _____
 SE RUN = _____
 PC STA = 274+43.20
 PT STA = 282+86.91

STATION EQUATION
 STA. 82+86.91 EX OAK PARK AVE ζ =
 STA. 282+86.91 PR OAK PARK AVE ζ

ALIGNMENT COORDINATES - OAK PARK AVE NAD83 ILLINOIS STATE PLANE, EAST ZONE			
STATION	N	E	
PC	274+43.20	1777028.8040	1134505.8681
PI	278+89.39	1777348.5608	1134817.0699
PT	282+86.91	1777794.5161	1134802.4118
POT	279+49.99	1779256.8132	1134754.3478
POT	289+50.00	1779356.7264	1134750.0632
POT	301+50.00	1779656.5670	1134740.2725
POT	302+50.01	1779756.5469	1134738.0300

BEGIN PROJECT
 STA. 251+90.00



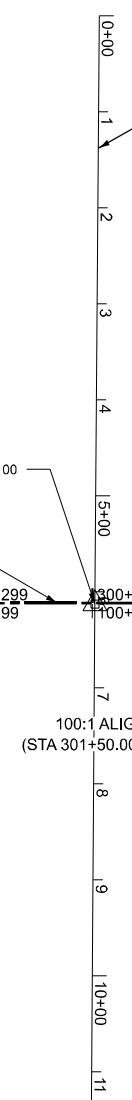
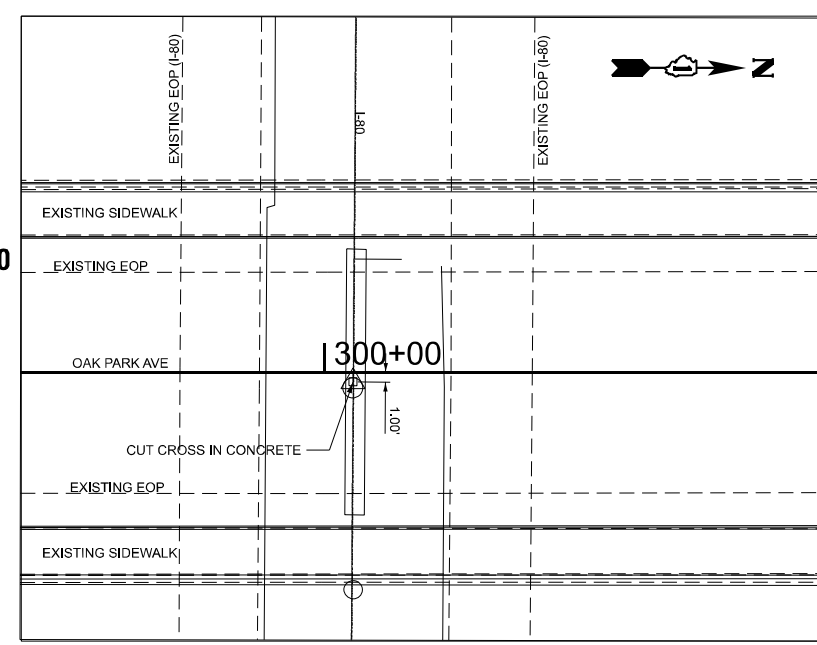
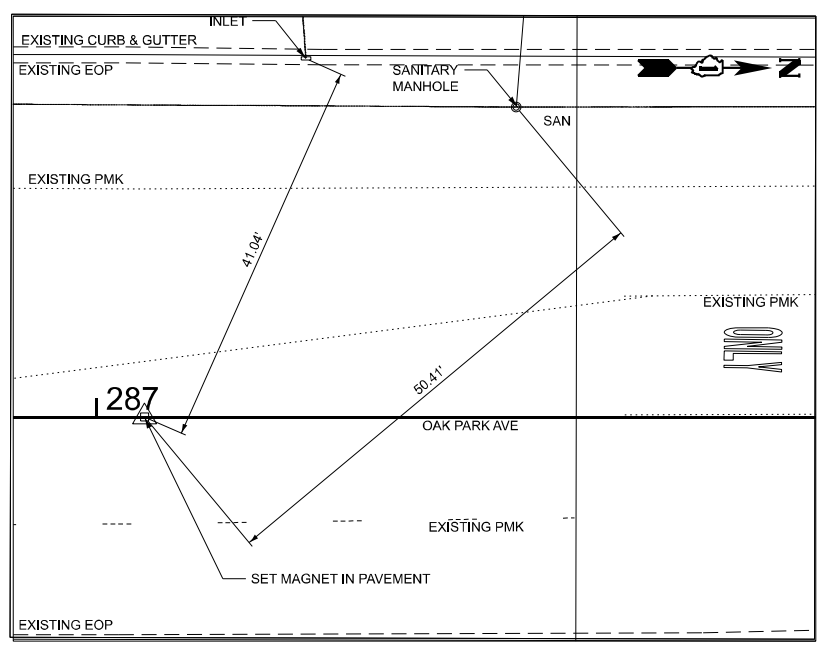
MATCHLINE STA. 275+00.00

MATCHLINE STA. 275+00.00

MATCHLINE STA. 300+00.00

CONTROL POINT #95
 STA. 287+05
 N 1778212.349
 E 1134788.619
 ELEV. 698.313

CONTROL POINT #100
 STA. 300+03
 N 1779509.628
 E 1134746.054
 ELEV.



MODEL: Ex Oak Park Ave CL - alt (Sheet)
 FILE NAME: c:\pwworking\primera\pwworking\mgonzalez\dms6232\1621\20-shr-ATB.dgn



USER NAME = MGonzalez	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
	CHECKED - JR	REVISED -
PLOT DATE = 1/16/2026	DATE - 05/06/2026	REVISED -

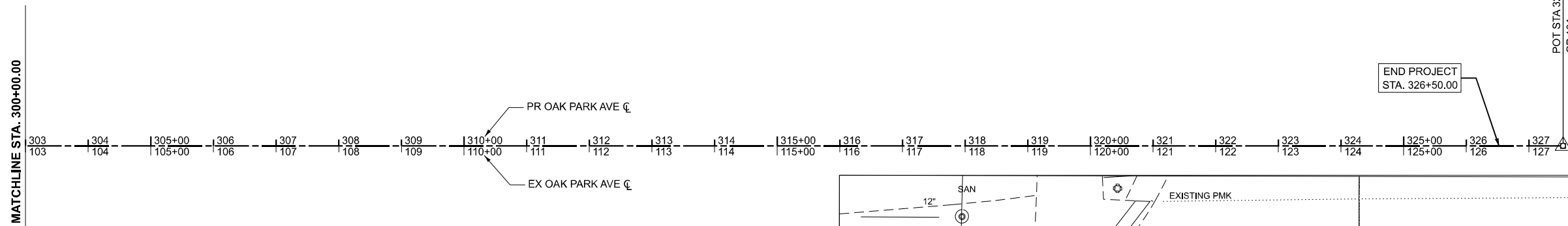
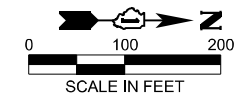
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
 ALIGNMENT AND TIES

SCALE: 1"=100' SHEET 1 OF 2 SHEETS STA. 274+50.00 TO STA. 300+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	25
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

ALIGNMENT COORDINATES - OAK PARK AVE NAD83 ILLINOIS STATE PLANE, EAST ZONE			
STATION	N	E	
POT	327+54.38	1782259.6046	1134656.8379



BENCHMARK A

ELEV. 698.055
 NAIL IN WEST FACE OF POWER POLE AT
 NORTHEAST CORNER OF OAK PARK AVE
 AND ENTRANCE, SOUTH OF PROSPER
 DRIVE

BENCHMARK B

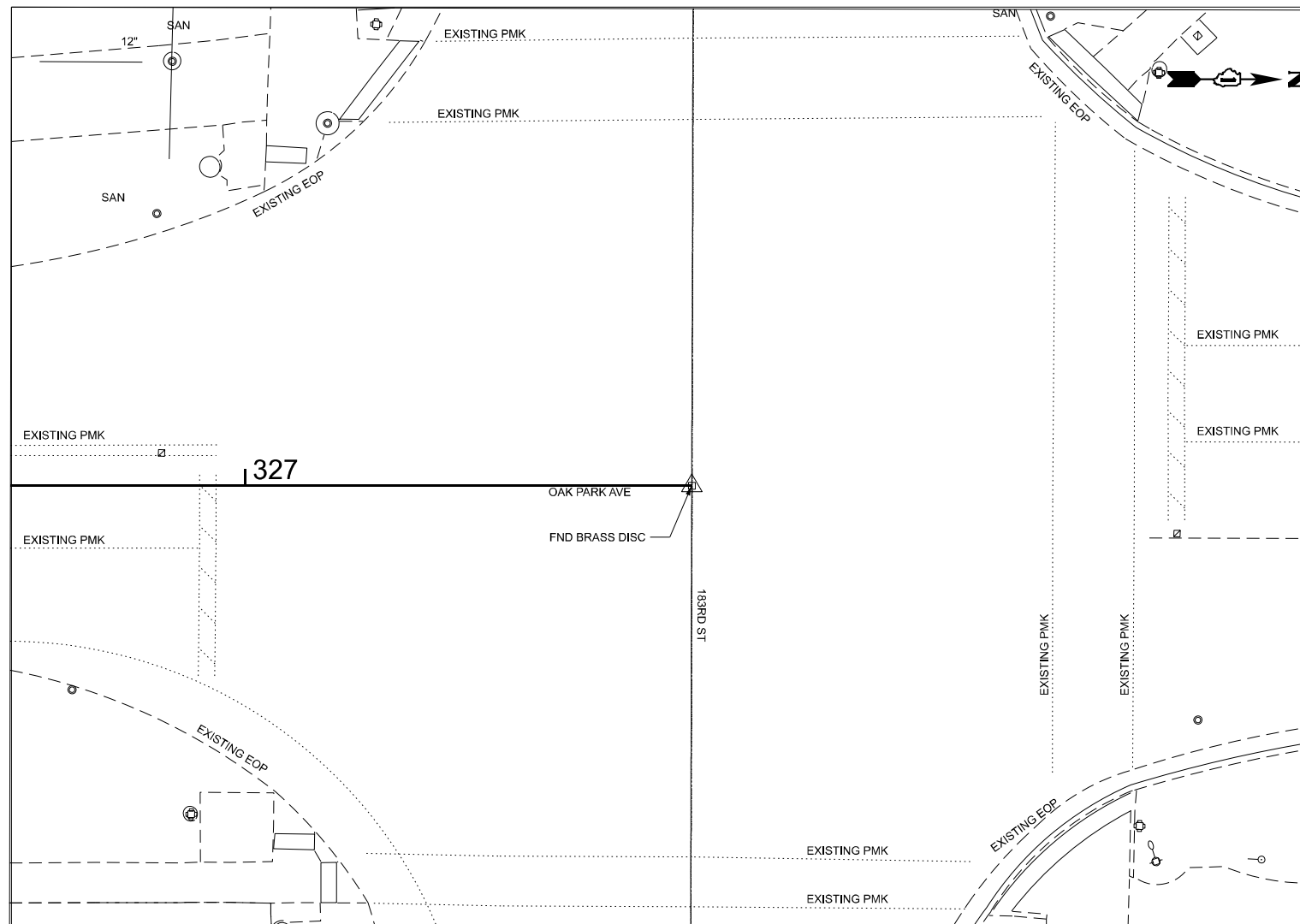
ELEV. 717.938
 CUT "C" IN END OF CONCRETE WALK AT
 NORTHEAST CORNER OF OAK PARK AVE
 BRIDGE OVER I-80

BENCHMARK C

ELEV. 699.138
 CUT "C" ON SOUTHWEST OF TRAFFIC
 SIGNAL CONTROL BOX PAD AT
 NORTHEAST CORNER OF 183RD ST AND
 OAK PARK AVE

CONTROL POINT #101

STA. 127+54.38
 N 1782259.605
 E 1134656.838
 ELEV. 699.993



MODEL: Ex Oak Park Ave CL - alt-1 (Sheet)
 FILE NAME: c:\pwworking\primera\pwworking\mathews\dms56232\1621V20-shr-ATB.dgn
 500 W. JACKSON BLVD. SUITE 610 CHICAGO IL 60641 P.312-686-8110 F.312-686-4415



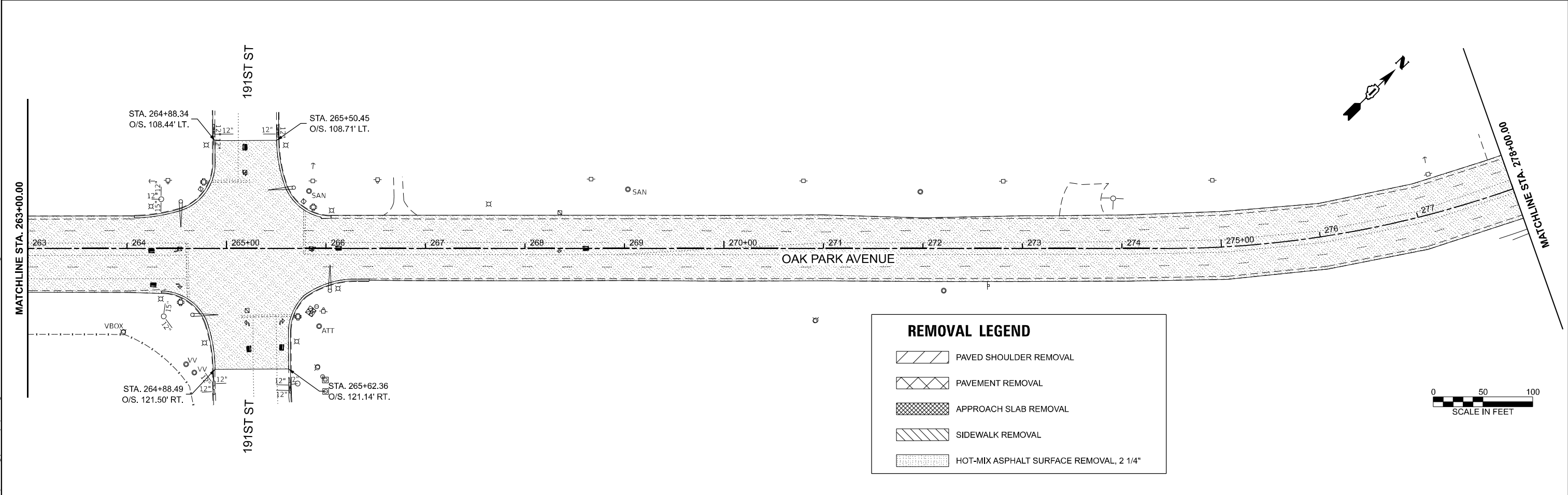
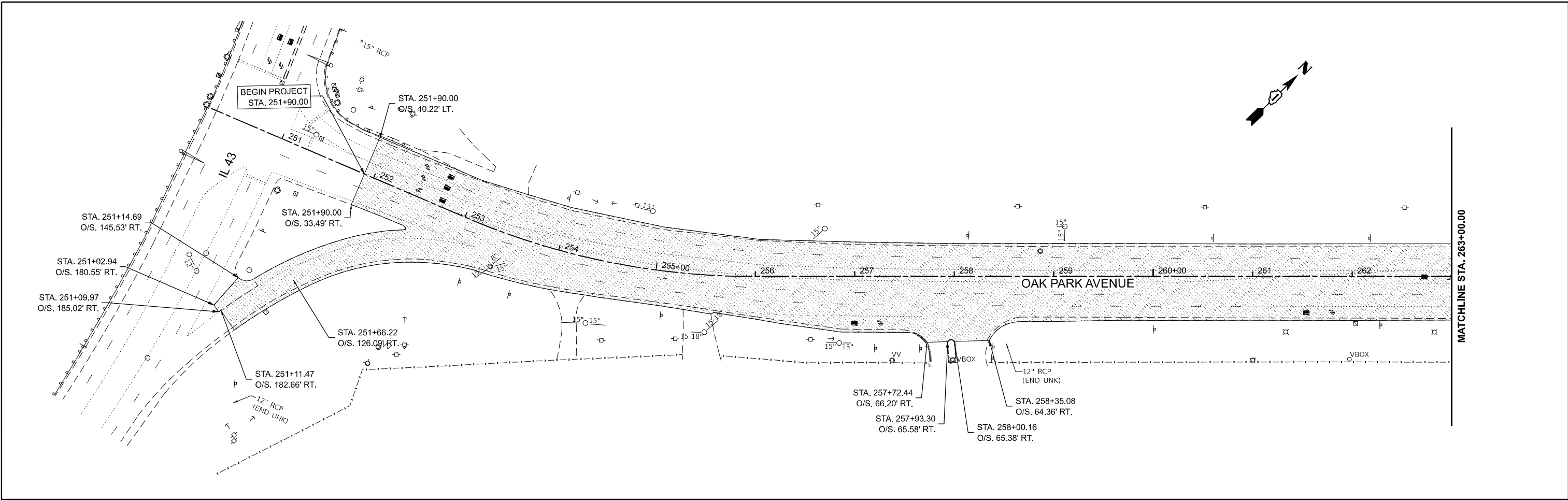
USER NAME = mmathews	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
	CHECKED - JR	REVISED -
PLOT DATE = 5/4/2026	DATE - 05/06/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
 ALIGNMENT AND TIES**

SCALE: 1"=100' SHEET 2 OF 2 SHEETS STA. 303+00.00 TO STA. 327+54.38

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	26
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



MODEL: PR Oak Park Ave Cl - Plan 1 [Sheet]
 FILE NAME: c:\pwworking\primera\pwworking\62w20-shr-removal.dgn



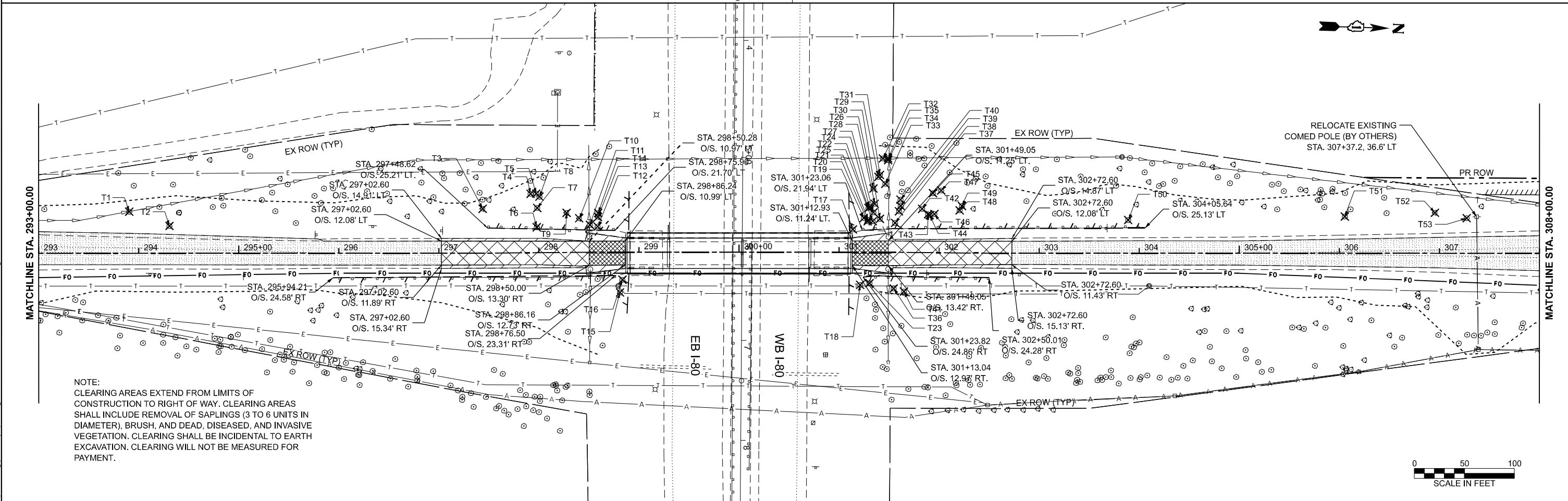
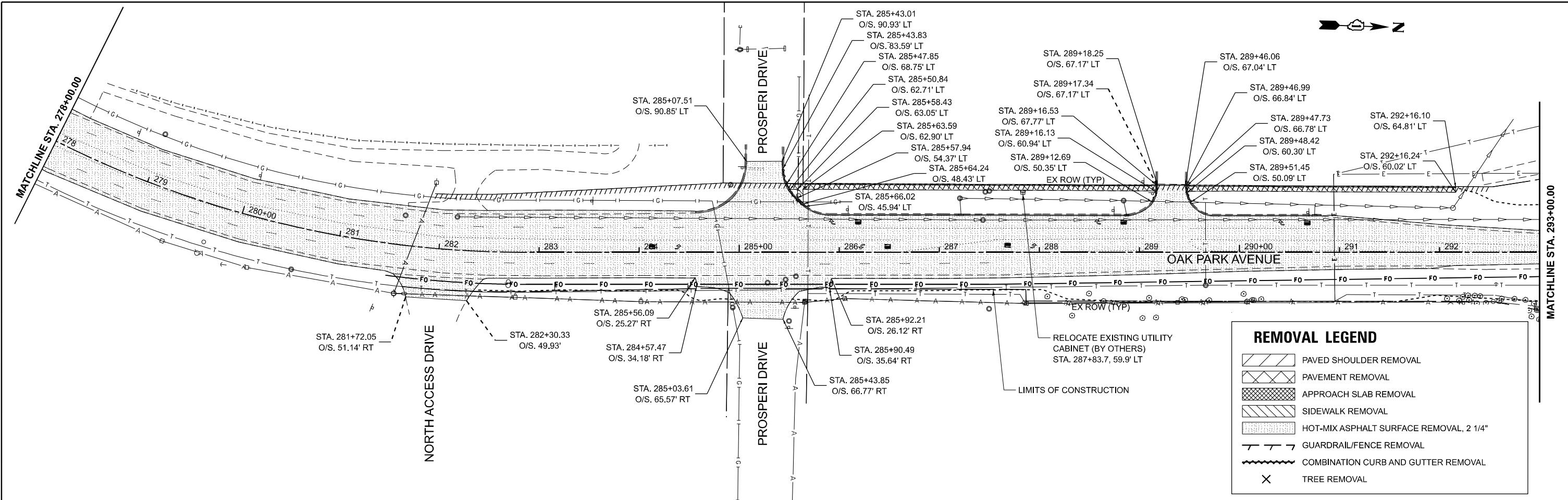
USER NAME = mmathews	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
	CHECKED - JR	REVISED -
PLOT DATE = 1/16/2026	DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
REMOVAL PLAN

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 248+00.00 TO STA. 278+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	27
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



MODEL: PR Oak Park Ave Cl - Plan 3 (Sheet)
FILE NAME: c:\pwworking\primera\pwworking\62232D1621V20-shr-removal.dgn



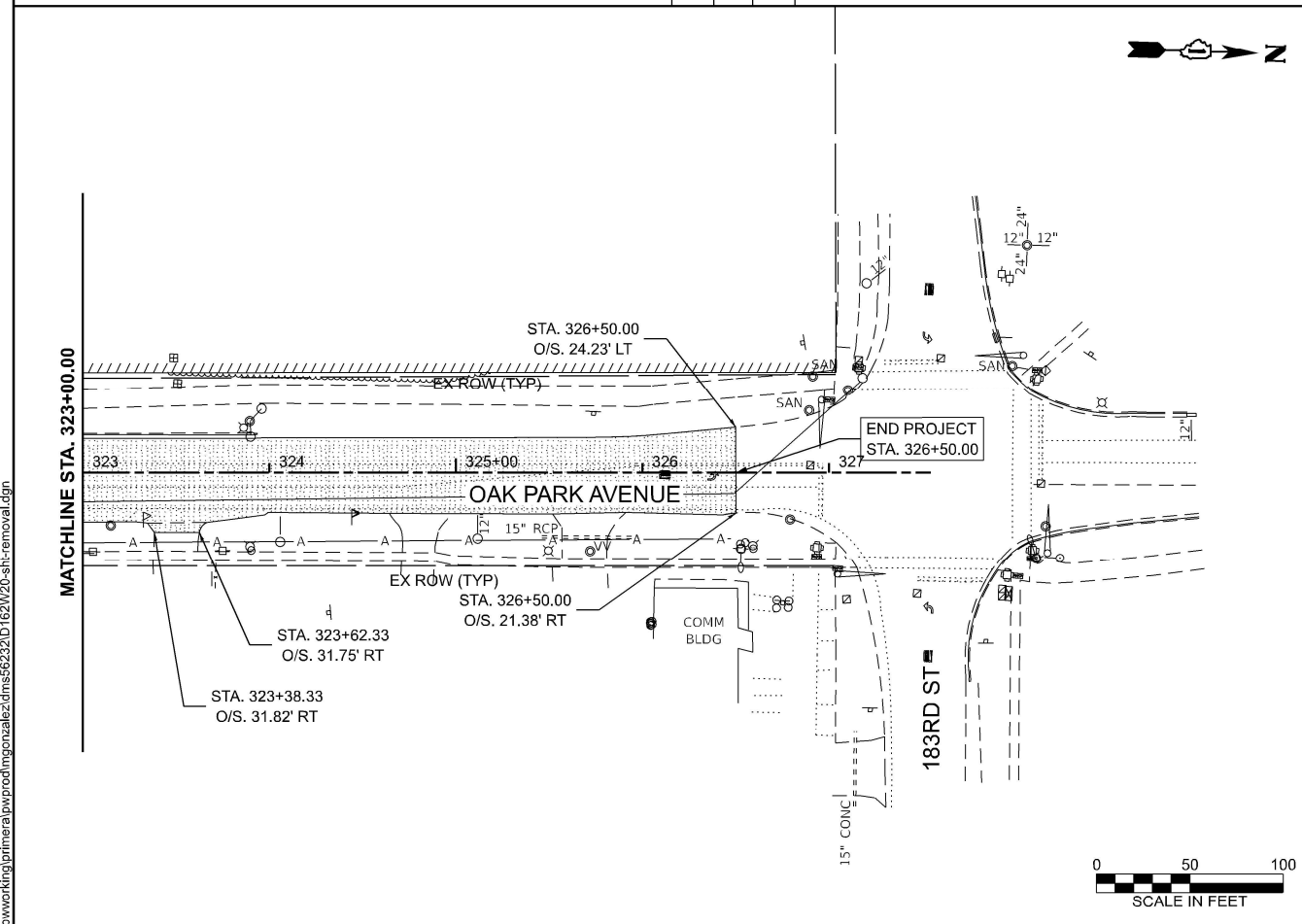
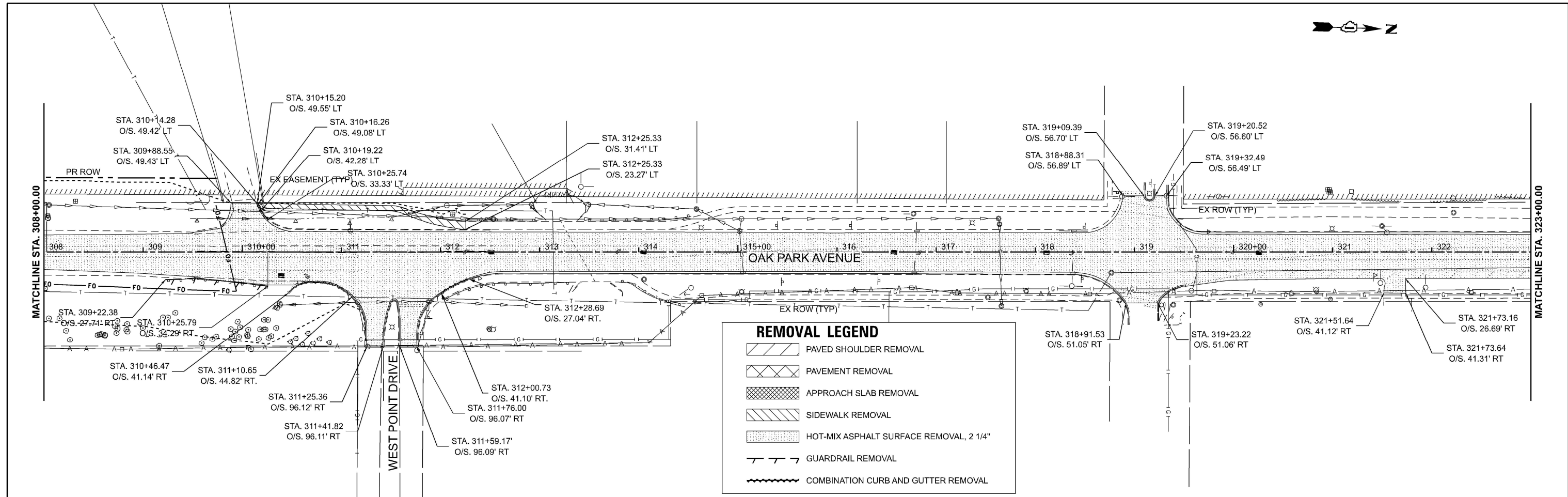
USER NAME = mmathews	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
	CHECKED - JR	REVISED -
PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
REMOVAL PLAN**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 278+00.00 TO STA. 308+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	28
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



TREE REMOVAL (6 TO 15 UNITS DIAMETER) SCHEDULE

POINT	NORTHING	EASTING	STATION	OFFSET	LT/RT	UNITS
T1	1778896.135	1134724.62	293+90.49	41.56	LT	6
T2	1778936.779	1134737.50	294+30.69	27.35	LT	6
T3	1779249.02	1134710.13	297+43.66	44.45	LT	6
T4	1779296.463	1134693.60	297+92.21	58.99	LT	6
T5	1779302.053	1134693.20	297+97.81	59.15	LT	6
T6	1779303.71	1134726.83	297+98.03	25.48	LT	6
T7	1779303.591	1134707.52	297+98.74	44.79	LT	6
T8	1779305.435	1134696.14	298+01.07	56.07	LT	6
T9	1779333.03	1134711.43	298+27.98	39.62	LT	6
T10	1779345.929	1134716.80	298+40.64	33.70	LT	6
T11	1779356.723	1134722.70	298+50.89	27.35	LT	6
T12	1779364.452	1134724.08	298+58.57	25.72	LT	6
T13	1779364.559	1134714.65	298+58.98	35.14	LT	6
T14	1779364.634	1134710.60	298+59.19	39.19	LT	8
T15	1779388.991	1134789.32	298+80.97	40.29	RT	6
T17	1779619.508	1134718.66	301+13.67	22.81	LT	6
T18	1779628.712	1134773.91	301+21.06	32.71	RT	8
T20	1779634.028	1134710.05	301+28.46	30.95	LT	6
T21	1779634.642	1134708.73	301+29.12	32.24	LT	6
T22	1779634.431	1134696.71	301+29.30	44.26	LT	6
T23	1779637.915	1134771.87	301+30.33	30.97	RT	10
T24	1779635.53	1134695.78	301+30.43	45.16	LT	8
T25	1779639.111	1134709.86	301+33.55	30.97	LT	12 (2X6 MULTI)
T26	1779638.777	1134677.15	301+34.28	63.67	LT	6
T27	1779639.58	1134701.00	301+34.30	39.81	LT	6
T28	1779640.567	1134692.33	301+35.57	48.44	LT	6
T29	1779643.324	1134665.34	301+39.21	75.32	LT	10
T30	1779646.244	1134707.27	301+40.76	33.32	LT	12 (2X6 MULTI)
T32	1779647.337	1134646.76	301+43.83	93.77	LT	12 (2X6 MULTI)
T33	1779650.529	1134671.99	301+46.19	68.44	LT	6
T34	1779652.511	1134648.30	301+48.95	92.05	LT	8

TREE REMOVAL (6 TO 15 UNITS DIAMETER) SCHEDULE CONT.

POINT	NORTHING	EASTING	STATION	OFFSET	LT/RT	UNITS
T35	1779652.486	1134646.44	301+48.98	93.92	LT	6
T36	1779662.227	1134776.40	301+54.85	36.24	RT	6
T37	1779661.512	1134710.80	301+55.61	29.35	LT	12 (2X6 MULTI)
T38	1779665.00	1134699.05	301+59.36	41.03	LT	12 (2X6 MULTI)
T39	1779666.214	1134687.35	301+60.83	52.69	LT	6
T41	1779672.643	1134779.05	301+65.20	39.13	RT	6
T42	1779688.11	1134695.83	301+82.53	43.72	LT	6
T43	1779694.28	1134701.10	301+88.58	38.31	LT	6
T44	1779695.84	1134701.80	301+90.13	37.58	LT	6
T45	1779698.363	1134679.87	301+93.14	59.45	LT	6
T46	1779700.484	1134700.68	301+94.79	38.60	LT	6
T47	1779706.543	1134676.89	302+01.39	62.25	LT	6
T48	1779725.634	1134696.13	302+20.04	42.58	LT	6
T49	1779727.81	1134691.78	302+22.31	46.88	LT	6
T50	1779894.301	1134700.34	303+88.91	33.20	LT	6
T51	1780110.606	1134689.75	306+05.44	36.78	LT	6
T52	1780200.464	1134683.06	306+95.47	40.55	LT	6
T53	1780232.376	1134687.41	307+27.23	35.17	LT	6
TOTAL:						340

TREE REMOVAL (OVER 15 UNITS DIAMETER) SCHEDULE

POINT	NORTHING	EASTING	STATION	OFFSET	LT/RT	UNITS
T16	1779390.986	1134776.51	298+83.38	27.553	RT	18
T19	1779630.137	1134706.94	301+24.67	34.18	LT	18 (3X6 MULTI)
T31	1779644.916	1134663.39	301+40.87	77.22	LT	24 (4X6 MULTI)
T40	1779666.528	1134693.59	301+61.01	46.45	LT	18 (3X6 MULTI)
TOTAL:						78

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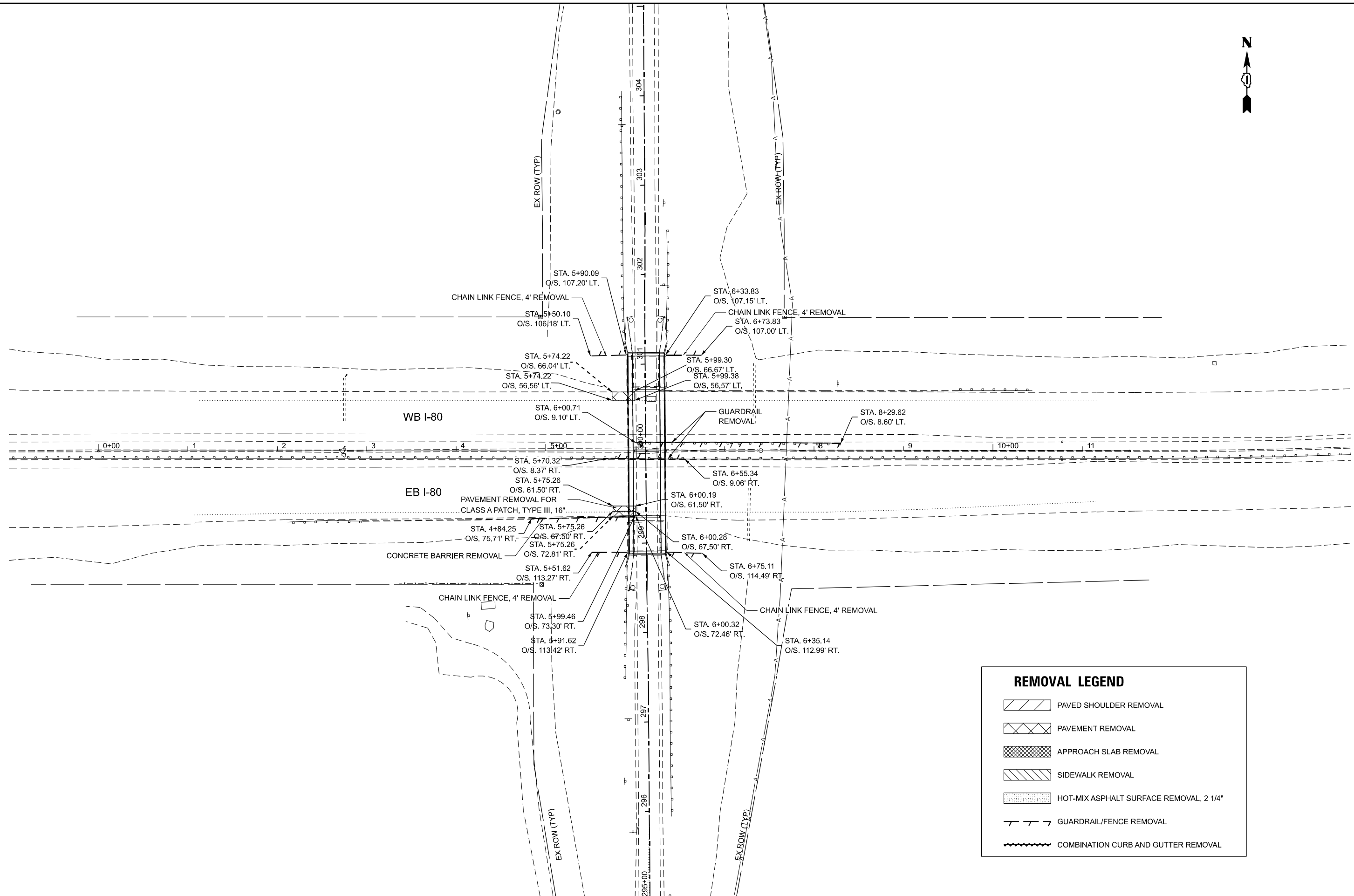
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
REMOVAL PLAN**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 308+00.00 TO STA. 338+00.00

F.A.I. RTE. 80	SECTION FAI 80 23 Bridge Replacement 2	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 29
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

- PAVED SHOULDER REMOVAL
- PAVEMENT REMOVAL
- APPROACH SLAB REMOVAL
- SIDEWALK REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- GUARDRAIL/FENCE REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL

MODEL: Ex I80 CL - Plan 1
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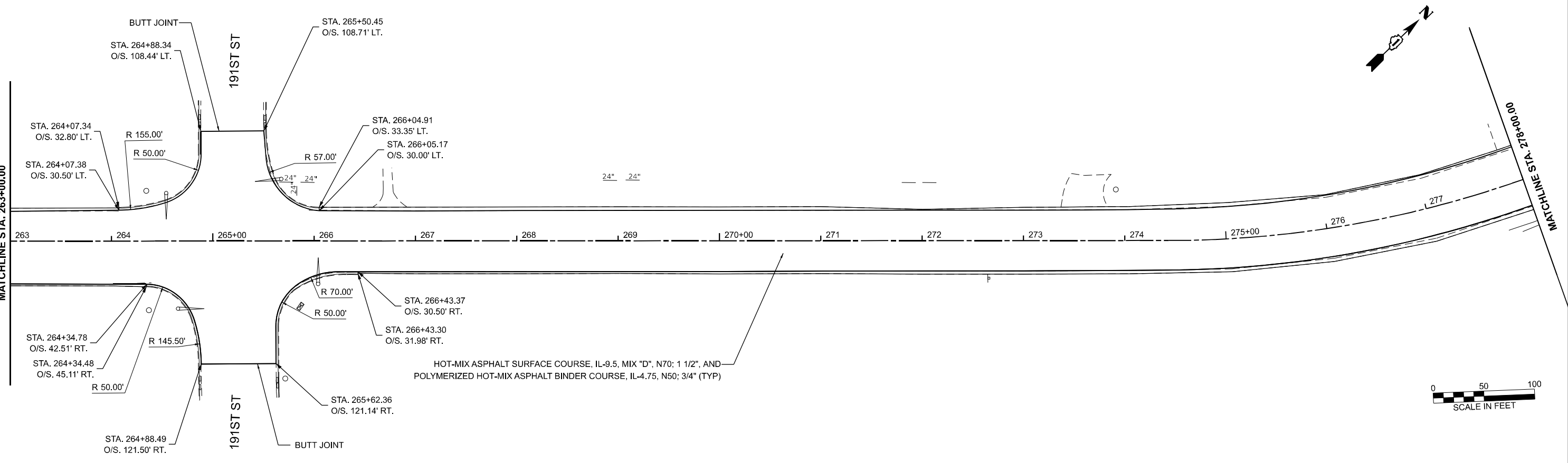
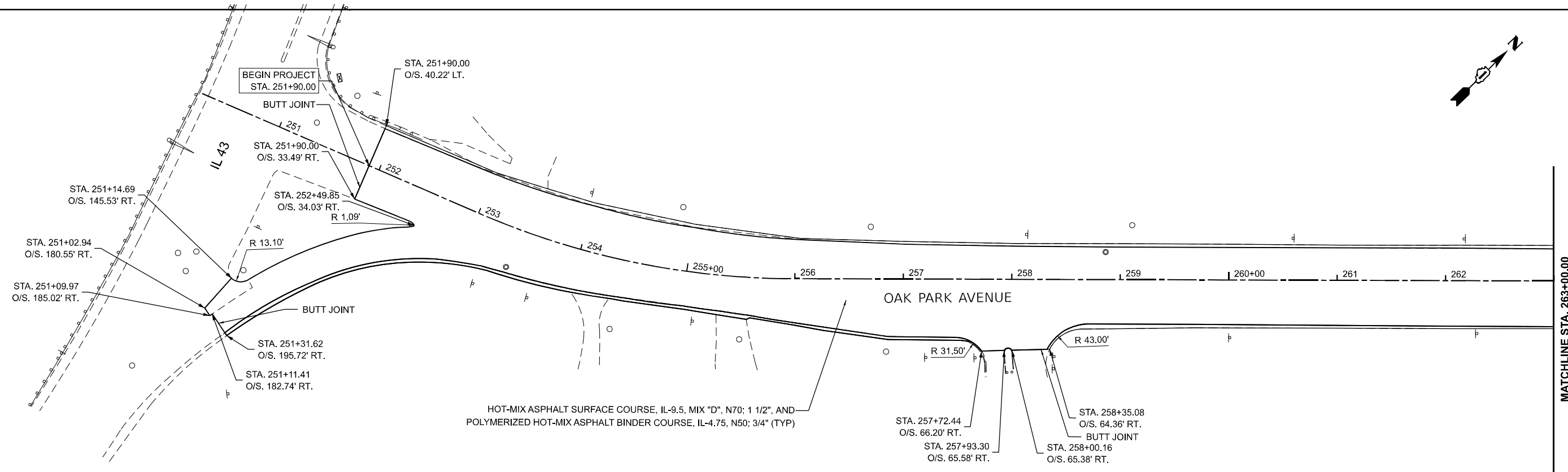
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PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
REMOVAL PLAN - I80

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. -1+00.00 TO STA. 14+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	30
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



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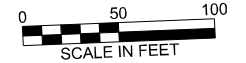
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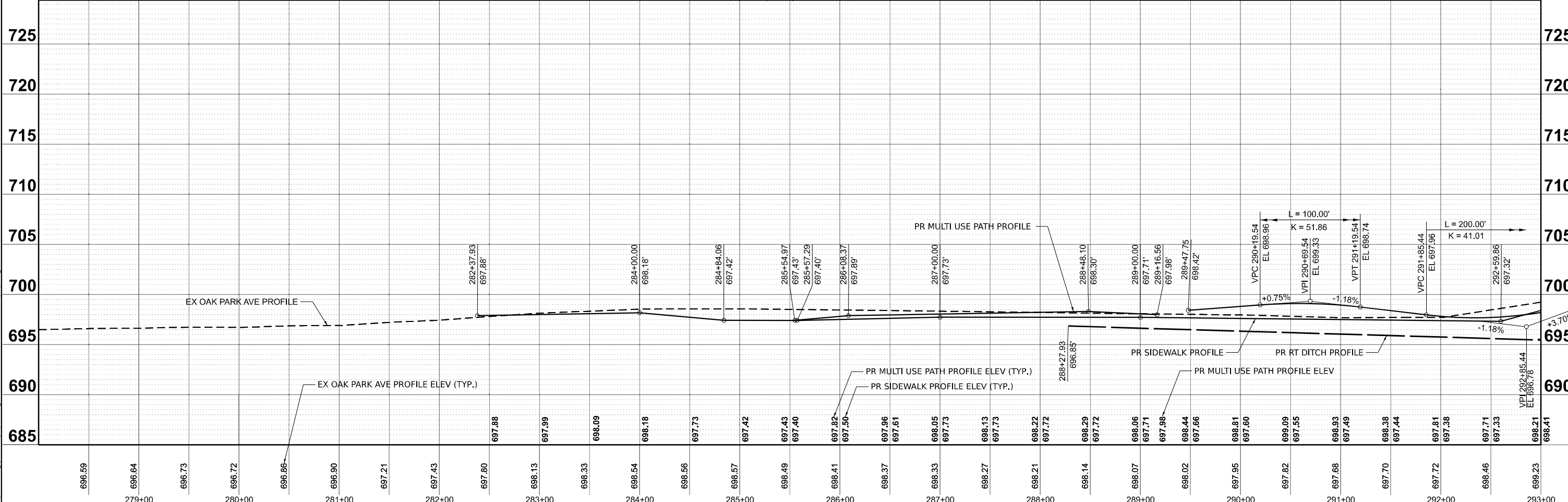
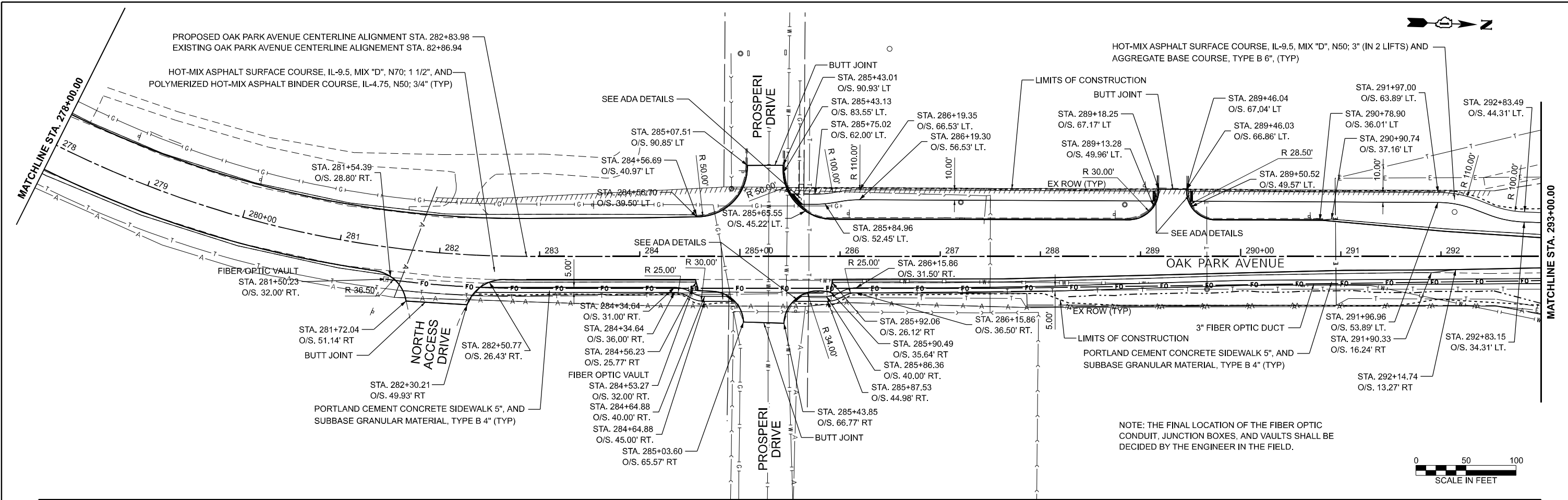
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
PLAN AND PROFILE

SCALE: 1"=50' SHEET 1 OF 6 SHEETS STA. 48+00.00 TO STA. 78+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	31
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				





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	DRAWN - MM	REVISED -
	CHECKED - JR	REVISED -
PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

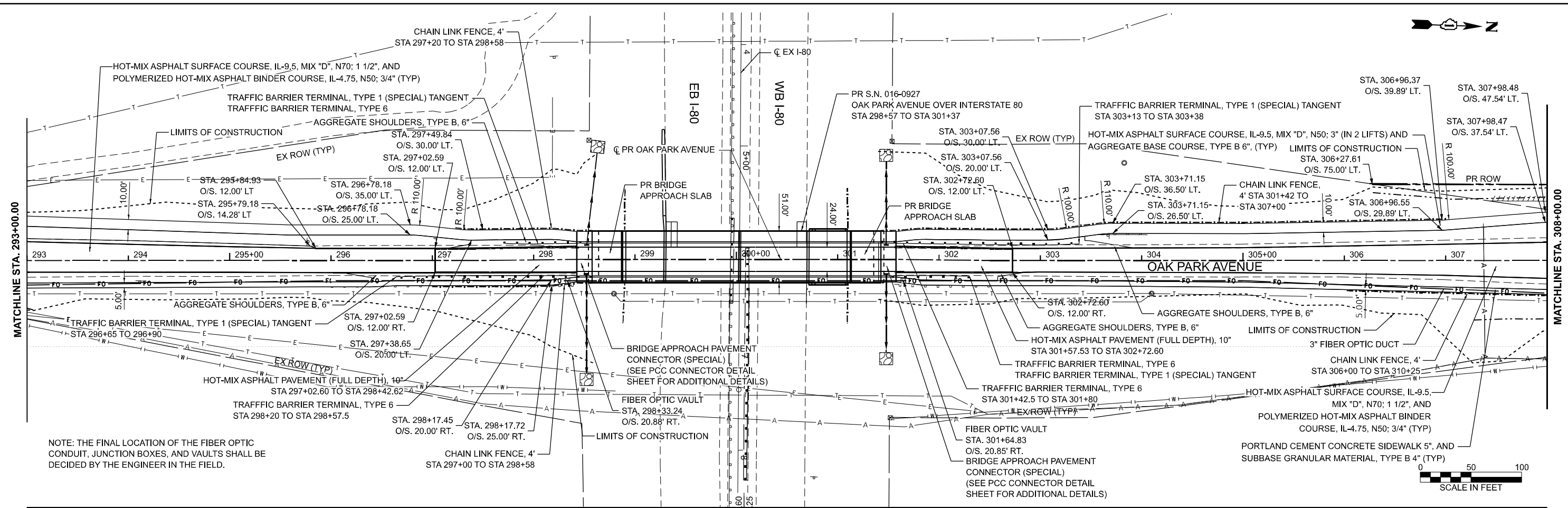
OAK PARK AVENUE OVER I-80
PLAN AND PROFILE

SCALE: 1"=50'

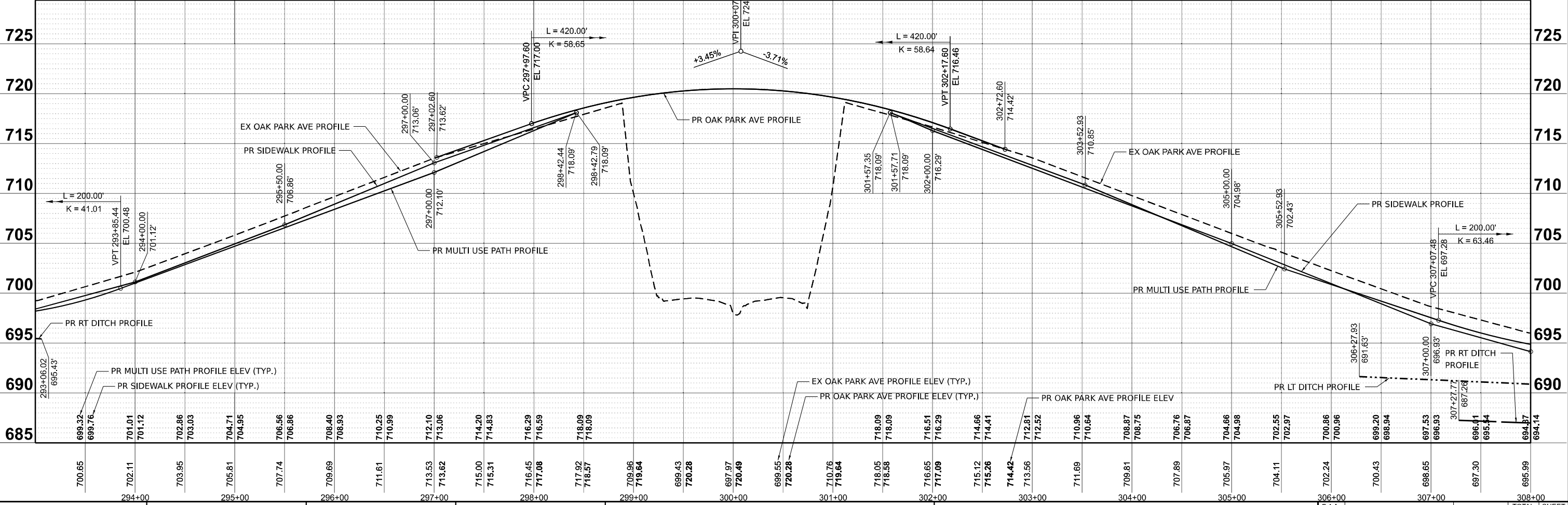
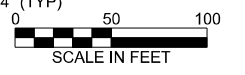
SHEET 2 OF 6 SHEETS

STA. 278+00.00 TO STA. 293+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80 FAI 80 23 Bridge Replacement 2	COOK	158	32
CONTRACT NO. 62W20			
ILLINOIS FED. AID PROJECT			



NOTE: THE FINAL LOCATION OF THE FIBER OPTIC CONDUIT, JUNCTION BOXES, AND VAULTS SHALL BE DECIDED BY THE ENGINEER IN THE FIELD.



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USER NAME = mmathews
PLOT DATE = 5/5/2026

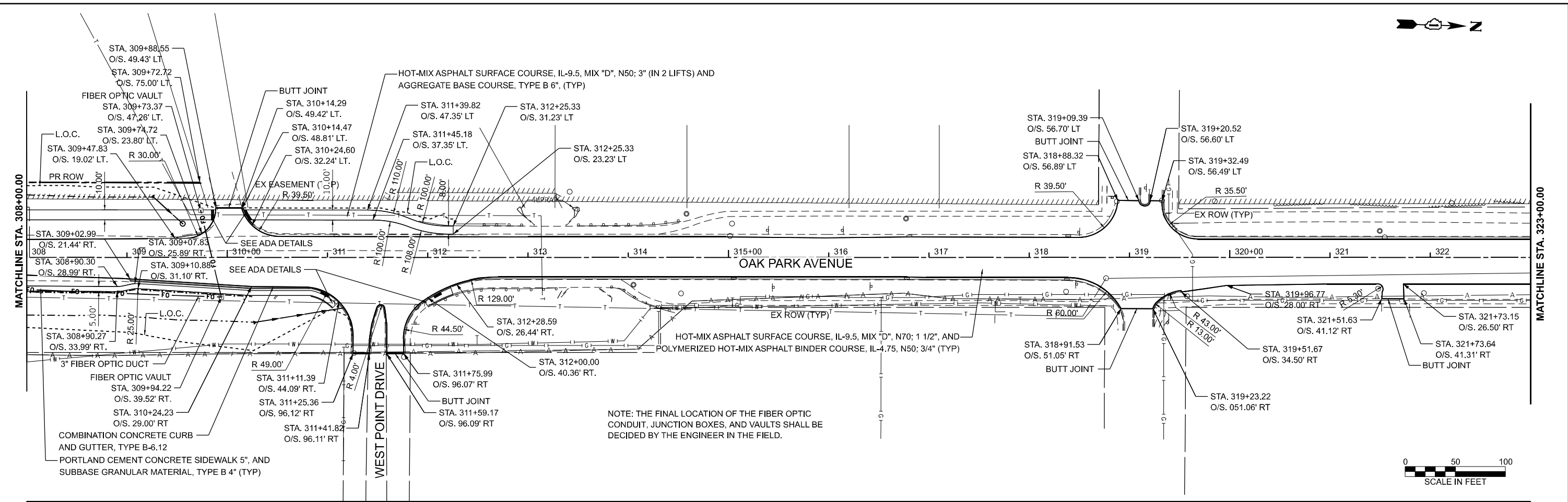
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DATE - 05/06/2026	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

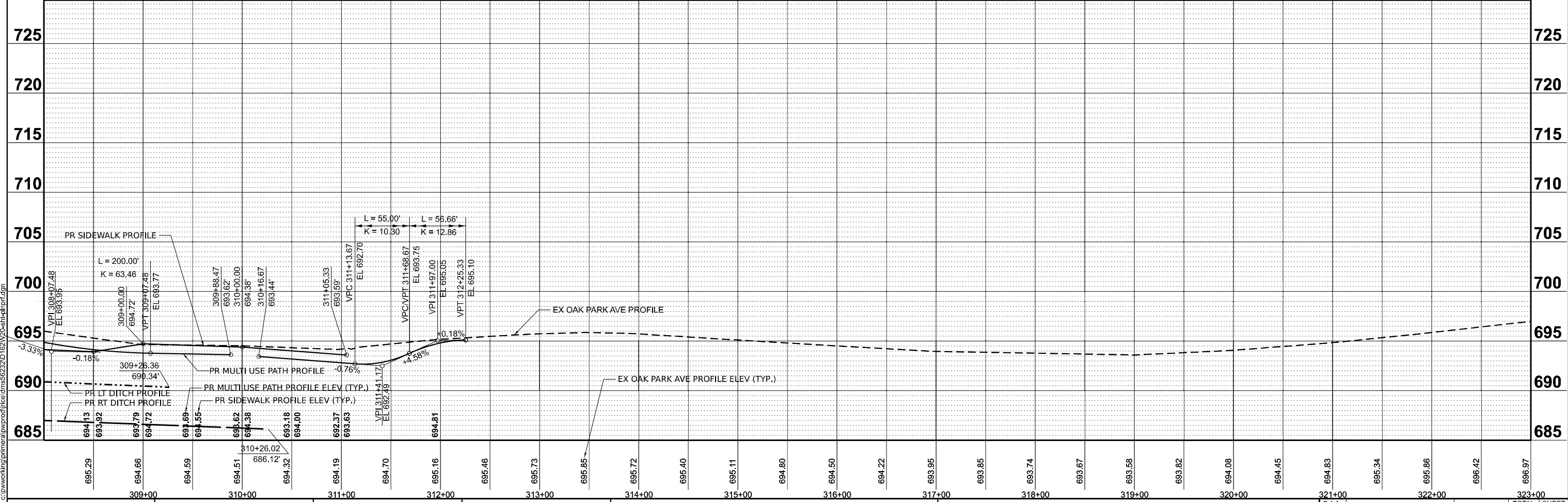
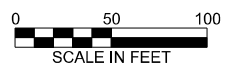
**OAK PARK AVENUE OVER I-80
PLAN AND PROFILE**

SCALE: 1"=50' SHEET 3 OF 6 SHEETS STA. 293+00.00 TO STA. 308+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	33
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



NOTE: THE FINAL LOCATION OF THE FIBER OPTIC CONDUIT, JUNCTION BOXES, AND VAULTS SHALL BE DECIDED BY THE ENGINEER IN THE FIELD.



USER NAME = jrjce
PLOT DATE = 5/5/2026

DESIGNED - MM	REVISED -
DRAWN - MM	REVISED -
CHECKED - JR	REVISED -
DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

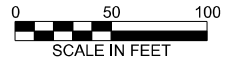
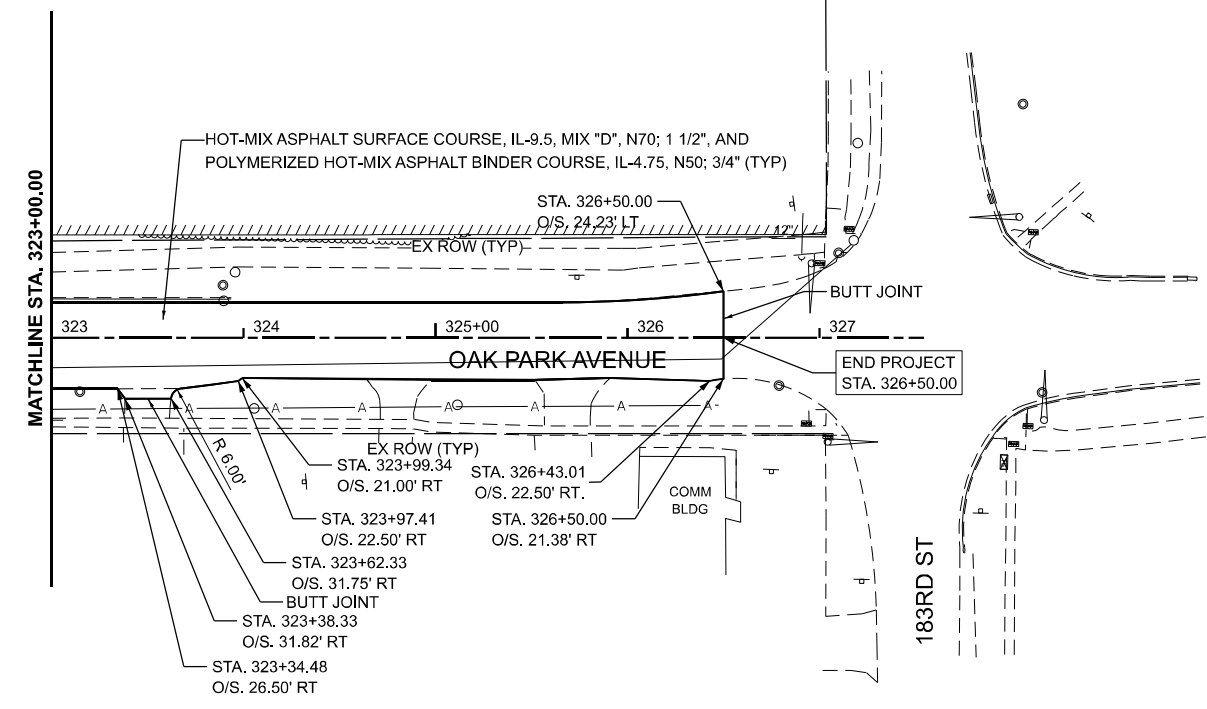
OAK PARK AVENUE OVER I-80
PLAN AND PROFILE

SCALE: 1"=50' SHEET 4 OF 6 SHEETS STA. 308+00.00 TO STA. 323+00.00

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	34

CONTRACT NO. 62W20

ILLINOIS FED. AID PROJECT



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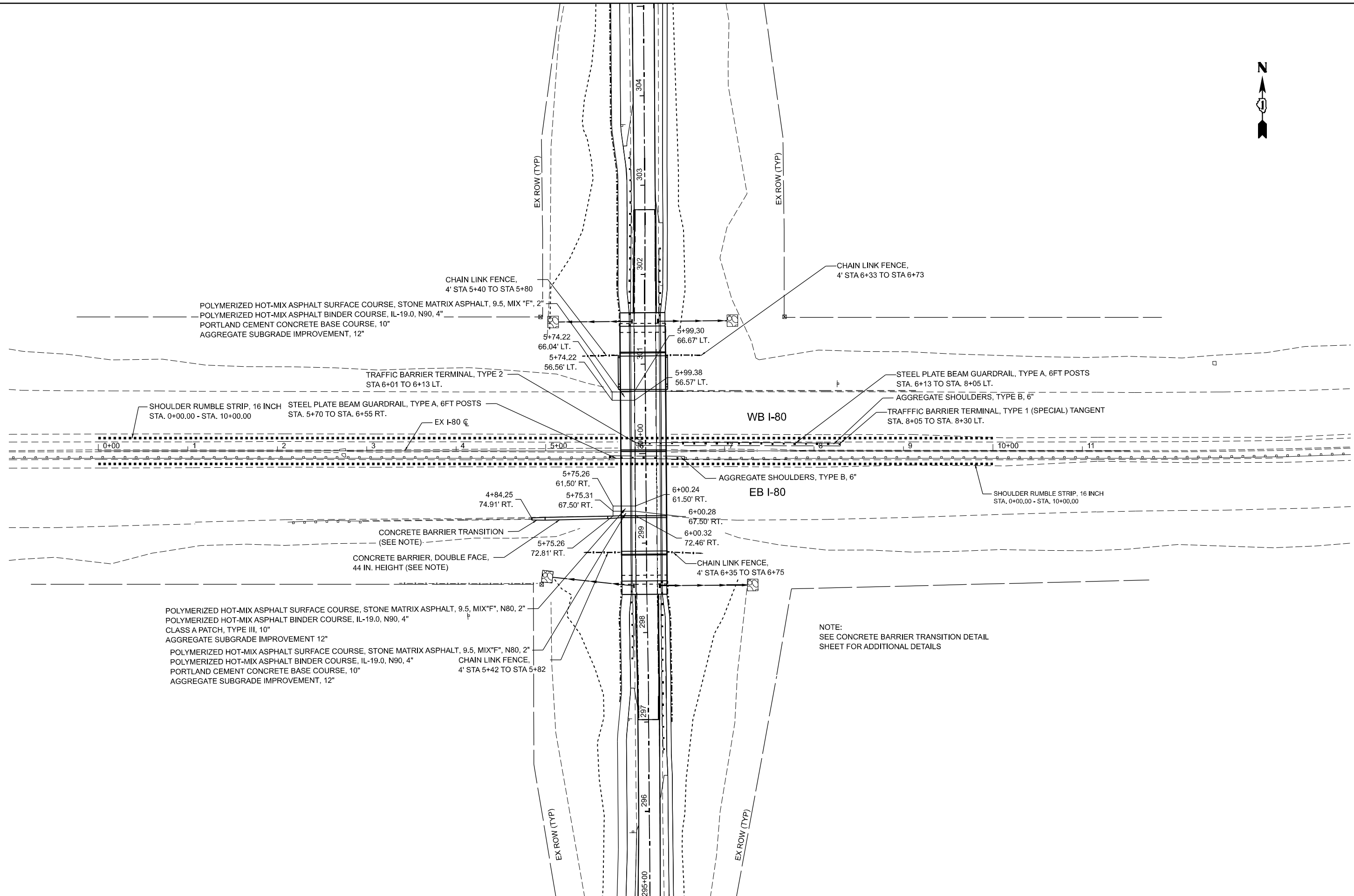
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PLOT DATE = 4/29/2026	DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
PROPOSED PLAN

SCALE: 1"=50' SHEET 5 OF 6 SHEETS STA. 323+00.00 TO STA. 326+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	35
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", 2"
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 4"
 PORTLAND CEMENT CONCRETE BASE COURSE, 10"
 AGGREGATE SUBGRADE IMPROVEMENT, 12"

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2"
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 4"
 CLASS A PATCH, TYPE III, 10"
 AGGREGATE SUBGRADE IMPROVEMENT 12"
 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2"
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 4"
 PORTLAND CEMENT CONCRETE BASE COURSE, 10"
 AGGREGATE SUBGRADE IMPROVEMENT, 12"

NOTE:
 SEE CONCRETE BARRIER TRANSITION DETAIL SHEET FOR ADDITIONAL DETAILS

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 500 W. JACKSON BLVD. SUITE 510 CHICAGO IL 60641 P.312-886-8110 F.312-886-4415



USER NAME = mmathews	DESIGNED - MM	REVISED -
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	CHECKED - JR	REVISED -
PLOT DATE = 5/4/2026	DATE - 05/06/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
 PROPOSED PLAN - I-80**

SCALE: 1"=50' SHEET 6 OF 6 SHEETS STA. -1+00.00 TO STA. 14+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	36
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE REMOVAL OF EXISTING RAISED PAVEMENT LANE MARKER REFLECTORS THAT ARE NOT IN CONFLICT WITH THE MAINTENANCE OF TRAFFIC SHALL BE INCLUDED IN THE COST.
2. THE CONTRACTOR SHALL REMOVE OR COVER ALL EXISTING SIGNS THAT CONFLICT WITH OR DO NOT APPLY THE REVISED TRAFFIC PATTERNS AND SHALL RESTORE THE SIGNS AT THE END OF CONSTRUCTION, AS DIRECTED BY THE ENGINEER. THE REMOVAL AND REINSTALLATION OF GROUND MOUNTED SIGNS SHALL BE NON-DESTRUCTIVE IN NATURE AND IS INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".
3. ALL CONTRACTOR SUPPLIED TRAFFIC CONTROL DEVICES AND SIGNS SHALL BE IN GOOD CONDITION AND SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE ANY SIGNS THAT ARE SUPPLIED BY OTHERS AND DAMAGED BY THE CONTRACTORS WORK FORCE OR SUBCONTRACTORS DURING RELOCATION OR CONSTRUCTION OPERATIONS.
5. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORSEEN CIRCUMSTANCES MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR REPAIR EXISTING TRAFFIC CONTROL. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION.
6. PRIOR TO REMOVING TRAFFIC CONTROL AND OPENING CLOSED PAVEMENT AREAS TO TRAFFIC, THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE CLEAN TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION PAY ITEM.
7. POSITIVE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
8. EXISTING OR TEMPORARY PAVEMENT MARKINGS REMOVED AS A RESULT OF HMA SURFACE REMOVAL OR PAVEMENT REMOVAL WILL NOT BE PAID FOR SEPARATELY.
9. CONFLICTING PAVEMENT MARKINGS SHALL BE CONSIDERED ANY PAVEMENT MARKING WITHIN SIX (6) FEET OF THE TRAVELED LANES, UNLESS DIRECTED BY THE ENGINEER.
10. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.
11. DETOUR SIGNAGE TO BE CONSIDERED INCLUDED IN THE COST FOR TEMPORARY TRAFFIC CONTROL AND PROTECTION (SPECIAL) EXCEPT AS OTHERWISE NOTED.
12. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
13. SEE DETAIL TC-21 FOR TYPICAL SIGN SPACING.
14. TEMPORARY TRAFFIC SIGNAL TIMING TO BE ENACTED ALONG THE DETOUR ROUTE AT THE NOTED INTERSECTIONS.
15. A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE BRIDGE CLOSURE, THE CONTRACTOR SHALL PLACE ONE (1) ARTERIAL ROAD INFORMATION SIGN AT EACH END OF THE PROJECT ALONG OAK PARK AVE AS DIRECTED AND AT A LOCATION DESIGNATED BY THE ENGINEER TO INFORM MOTORISTS OF THE UPCOMING CLOSURE. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TEMPORARY INFORMATION SIGNING.
16. THE CONTRACTOR SHALL REQUEST AND GAIN THE APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT WWW.IDOTLCY.COM SEVENTY CLOSURES. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON WORKWEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS.
17. A MAINTENANCE OF TRAFFIC PLAN SHALL BE SUBMITTED TO THE DISTRICT ON EXPRESSWAY TRAFFIC CONTROL SUPERVISOR 14 DAYS IN ADVANCE OF ANY STAGES CHANGES OR FULL EXPRESSWAY CLOSURES. THE MAINTENANCE OF TRAFFIC PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO: LAND AND RAMP CLOSURES, EXISTING GEOMETRIC'S, AND EQUIPMENT AND MATERIAL LOCATION."
18. THE PAY ITEM "BARRIER WALL REFLECTORS, TYPE C" IS INTENDED TO BE SUED FOR REFLECTOR APPLICATION ON PERMANENT AND EXISTING CONCRETE BARRIER AND IS NOT TO BE USED FOR TEMPORARY CONCRETE BARRIER WHERE THE TYPE C REFLECTOR IS THE TYPE C REFLECTOR IS CONSIDERED INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER PER HIGHWAY STANDARD 704001.

SUGGESTED SEQUENCE OF CONSTRUCTION

PRE-STAGE:

I-80

UTILIZE HIGHWAY STANDARDS 701400 AND 701401, IN ACCORDANCE WITH KEEPING THE EXPRESSWAY OPEN TO TRAFFIC SPECIAL PROVISION, TO REMOVE THE EXISTING INSIDE SHOULDER RUMBLE STRIPS, AS SHOWN IN THE PLANS. CONTRACTOR SHALL USE TC-09 FOR SHIFTING TRAFFIC INTO STAGE 1 AND INTO STAGE 2.

STAGE 1:

OAK PARK AVENUE:

INSTALL DETOUR SIGNING IN ACCORDANCE WITH THE DETOUR PLAN. COVER DETOUR SIGNS UNTIL DETOUR IS IMPLEMENTED IN STAGE 1. CONSTRUCT THE ROADWAY, GUARDRAIL, MULTI-USE PATH, SIDEWALK, AND ALL OTHER COLLATERAL WORK REQUIRED TO COMPLETE THE ROADWAY ITEMS.

I-80:

UTILIZE HIGHWAY STANDARDS 701400, 701401, 701446, AND TC-17 DURING ALLOWABLE LANE CLOSURE HOURS, IN ACCORDANCE WITH KEEPING THE EXPRESSWAY OPEN TO TRAFFIC SPECIAL PROVISION, TO REMOVE THE EXISTING OAK PARK AVENUE SUPERSTRUCTURE AND EXISTING PROTECTIVE SHIELD.

15 MINUTE MAXIMUM FULL CLOSURES WILL BE PERMITTED, IN ACCORDANCE WITH KEEPING THE EXPRESSWAY OPEN TO TRAFFIC SPECIAL PROVISION, TO REMOVE THE EXISTING BEAMS.

UTILIZE HIGHWAY STANDARDS 701400, 701401, 701446, AND TC-17 DURING ALLOWABLE LANE CLOSURE HOURS (AS DEFINED IN KEEPING THE EXPRESSWAY OPEN TO TRAFFIC SPECIAL PROVISION) SHIFT EASTBOUND AND WESTBOUND I-80 TRAFFIC INTO STAGE 1B TRAFFIC CONFIGURATION.

STAGE 1A:

I-80:

UTILIZE HIGHWAY STANDARDS 701400 AND 701401, IN ACCORDANCE WITH KEEPING THE EXPRESSWAY OPEN TO TRAFFIC SPECIAL PROVISION, TO REMOVE THE EXISTING OUTSIDE SHOULDER RUMBLE STRIPS, AS SHOWN IN THE PLANS.

STAGE 1B:

I-80:

SHIFT EASTBOUND AND WESTBOUND TRAFFIC IN ACCORDANCE WITH THE STAGE 1B PLANS AND DISTRICT STANDARD TC-09. CONSTRUCT THE NORTH AND SOUTH PIER WIDENING AND PERFORM THE STRUCTURAL REPAIRS, AS SHOWN IN THE PLANS.

STAGE 2A:

I-80:

SHIFT WESTBOUND TRAFFIC IN ACCORDANCE WITH THE STAGE 2A PLANS AND DISTRICT STANDARD TC-09. MAINTENANCE EASTBOUND TRAFFIC IN ACCORDANCE WITH THE STAGE 1B PLANS AND DISTRICT STANDARD TC-09. REMOVE THE EXISTING GUARDRAIL. CONSTRUCT THE CENTER PIER WIDENING, PERFORM THE STRUCTURAL REPAIRS, AND INSTALL THE PROPOSED MEDIAN GUARDRAIL, AS SHOWN IN THE PLANS.

I-80:

UTILIZE HIGHWAY STANDARDS 701400, 701401, 701446, AND TC-17 DURING ALLOWABLE LANE CLOSURE HOURS, IN ACCORDANCE WITH KEEPING THE EXPRESSWAY OPEN TO TRAFFIC SPECIAL PROVISION, TO SHIFT EASTBOUND AND WESTBOUND TRAFFIC INTO THE PRECONSTRUCTION TRAFFIC CONFIGURATION, WITH PERMANENT PAVEMENT MARKINGS.

STAGE 2B:

OAK PARK AVENUE:

CONTINUE UTILIZING THE DETOUR AS SHOWN IN THE DETOUR PLANS. ERECT THE STRUCTURAL STEEL, CONSTRUCT THE NEW SUPERSTRUCTURE, NORTH AND SOUTH APPROACH SLABS.

PERFORM FINAL LANDSCAPING, PAVEMENT MARKINGS, PUNCHLIST, ALL OTHER COLLATERAL WORK REQUIRED TO COMPLETE THE CONTRACT. REMOVE DETOUR ONCE ALL SUBSTANTIAL WORK IS COMPLETED, OR AS DIRECTED BY THE ENGINEER.

I-80:

UTILIZE HIGHWAY STANDARDS 701400, 701401, 701446, AND TC-17 DURING ALLOWABLE LANE CLOSURE HOURS, IN ACCORDANCE WITH KEEPING THE EXPRESSWAY OPEN TO TRAFFIC SPECIAL PROVISION, TO REPLACE RUMBLE STRIPS, INSTALL AND REMOVE PROTECTIVE SHIELD AND ALL OTHER COLLATERAL REQUIRED TO COMPLETE THE SUPERSTRUCTURE.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

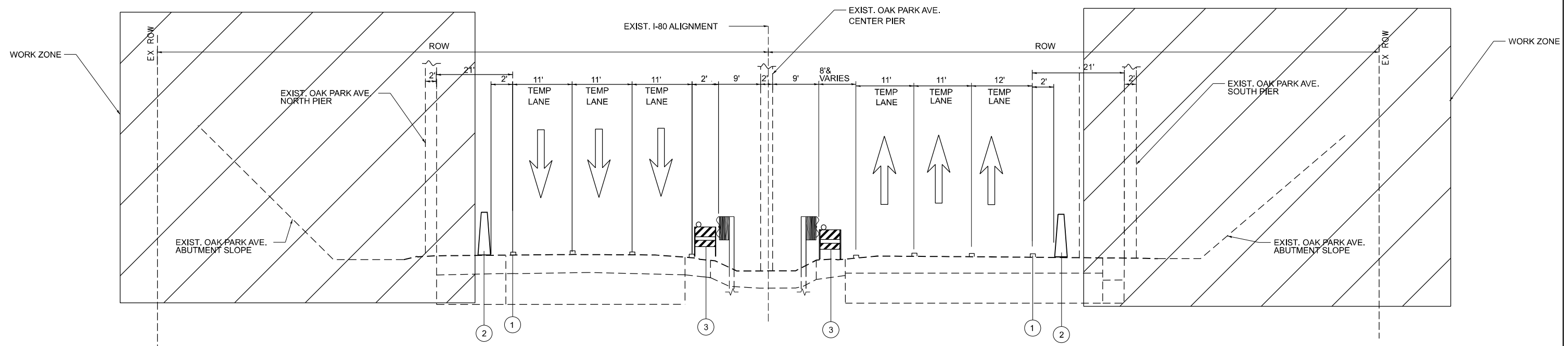
OAK PARK AVENUE OVER I-80
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	37
			CONTRACT NO. 62W20	
SCALE:		SHEET 1 OF 8 SHEETS STA. N/A TO STA. N/A		
		ILLINOIS FED. AID PROJECT		

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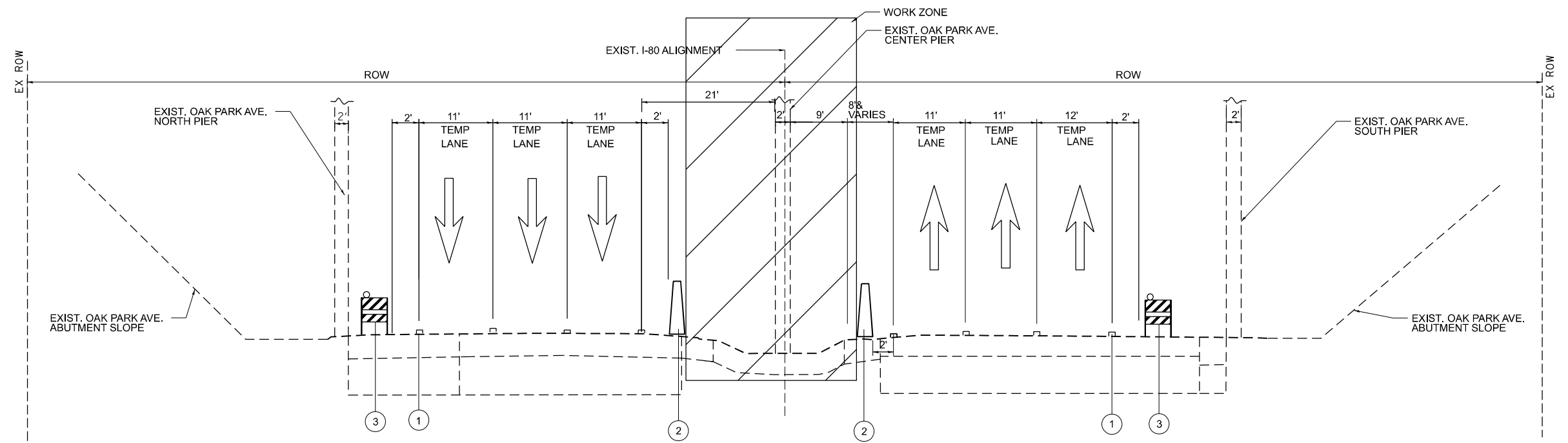
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PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -



**I-80 STAGE 1-B EAST&WESTBOUND MOT CONCEPT
(LOOKING EAST)**

WESTBOUND TAPER LENGTH FROM 12', 12', 12' TO 11', 11', 11' STA. 11+08.74 - STA. 16+99.99	FROM 11', 11', 11' TO 12', 12', 12' STA. 20+00.23 - STA. 25+09.53	AT OAK PARK AVE. (EASTBOUND: 17+01.31 - 20+00.05 WESTBOUND: 16+99.99 - 20+00.23)	EASTBOUND TAPER LENGTH FROM 12', 12', 12' TO 11', 11', 12' STA. 15+62.16 - STA. 17+01.31	FROM 11', 11', 12' TO 12', 12', 12' STA. 20+00.05 - STA. 21+60.10
--	--	--	--	--

- | | |
|--|-----------------------------|
| ① PAVEMENT MARKING TAPE
② TEMPORARY CONCRETE BARRIER WALL | ③ DRUM OR TYPE II BARRICADE |
|--|-----------------------------|



**I-80 STAGE 2-A EAST&WESTBOUND MOT CONCEPT
(LOOKING EAST)**

WESTBOUND TAPER LENGTH FROM 12', 12', 12' TO 11', 11', 11' STA. 14+64.47 - STA. 15+98.12	FROM 11', 11', 11' TO 12', 12', 12' STA. 19+35.65 - STA. 20+53.35	AT OAK PARK AVE. (WESTBOUND: 15+98.12 - 19+35.65)	
--	--	--	--

- | | |
|--|-----------------------------|
| ① PAVEMENT MARKING TAPE
② TEMPORARY CONCRETE BARRIER WALL | ③ DRUM OR TYPE II BARRICADE |
|--|-----------------------------|

NOTE: (STAGE 2-A)
EASTBOUND PAYMENT MARKING REMAINS THE SAME AS 1B

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USER NAME = Inguyen	DESIGNED - TVN	REVISED -
	DRAWN - JP/SKP	REVISED -
	CHECKED - TW	REVISED -
PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

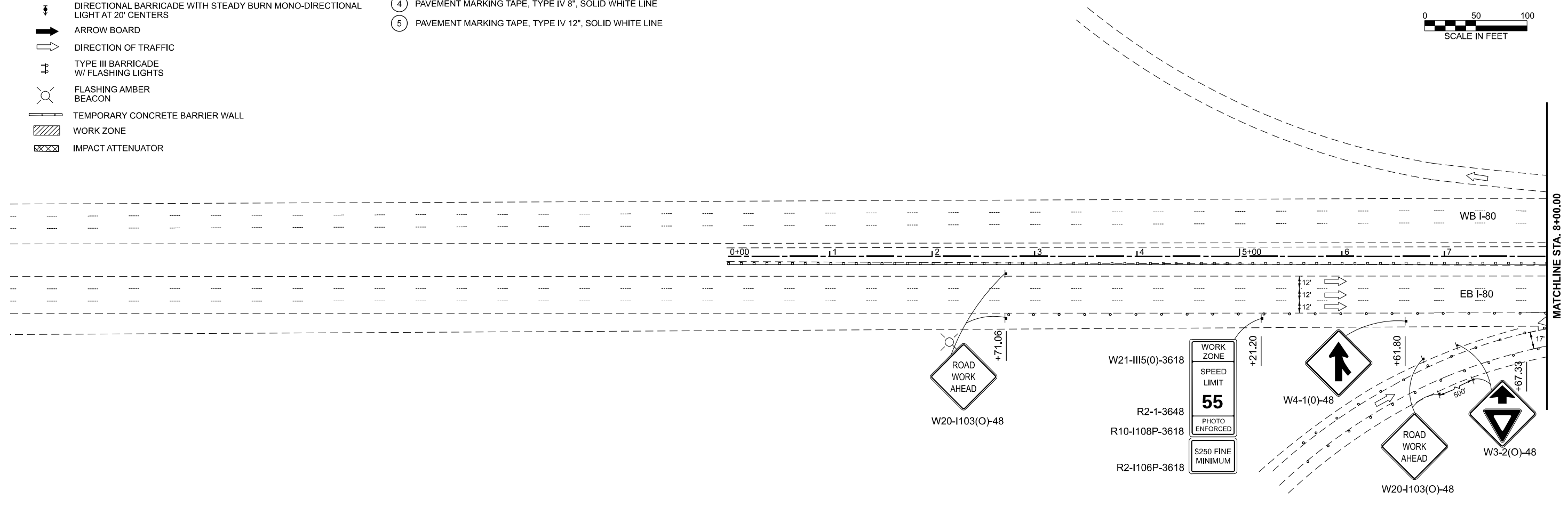
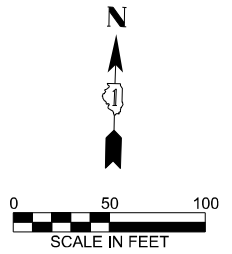
**OAK PARK AVENUE OVER I-80
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN**

SCALE: 1"=5' SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	38
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

LEGEND

- | | | | |
|--|---|--|--|
| | CONSTRUCTION SIGN | | PAVEMENT MARKING TAPE, TYPE IV 4", SOLID WHITE LINE |
| | TYPE II BARRICADES OR DRUMS AT 50' CENTERS ALONG TANGENTS AND 25' CENTERS ALONG TAPERS AND RAMPERS ON SIBLEY BLVD. (100' CENTERS ALONG TANGENTS AND 50' CENTERS ALONG TAPERS ON I-80) (WITH STEADY BURN LIGHT IN TAPERS, AND GORES) (NO LIGHTS IN TANGENTS ON I-80) | | PAVEMENT MARKING TAPE, TYPE IV 4", SOLID YELLOW LINE |
| | DIRECTIONAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT AT 20' CENTERS | | PAVEMENT MARKING TAPE, TYPE IV 6", 2' DASH - 6' SKIP WHITE |
| | ARROW BOARD | | PAVEMENT MARKING TAPE, TYPE IV 8", SOLID WHITE LINE |
| | DIRECTION OF TRAFFIC | | PAVEMENT MARKING TAPE, TYPE IV 12", SOLID WHITE LINE |
| | TYPE III BARRICADE W/ FLASHING LIGHTS | | |
| | FLASHING AMBER BEACON | | |
| | TEMPORARY CONCRETE BARRIER WALL | | |
| | WORK ZONE | | |
| | IMPACT ATTENUATOR | | |



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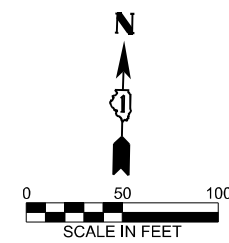
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PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
SUGGESTED STAGES OF CONSTRUCTION - STAGE 1B**

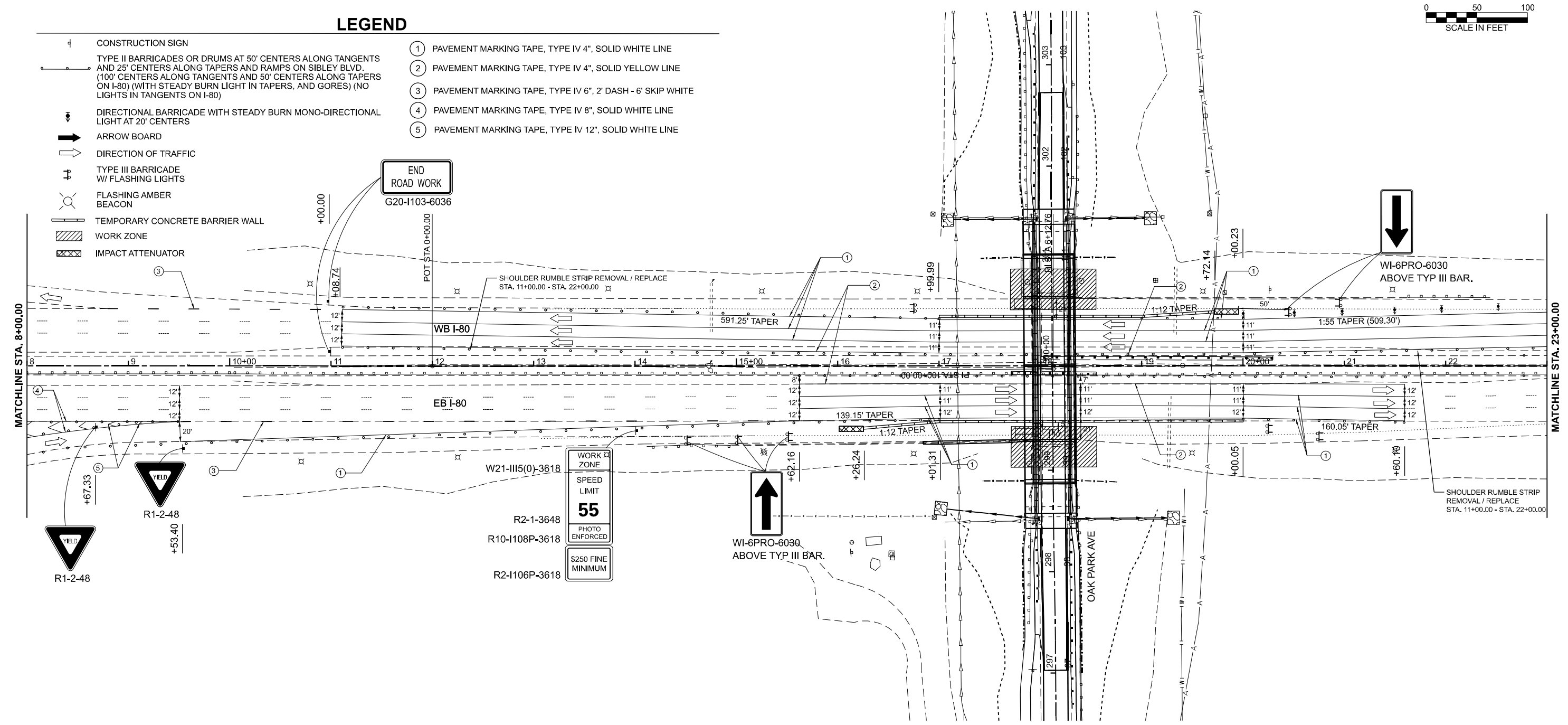
SCALE: 1"=50' SHEET 3 OF 8 SHEETS STA. 0+00.00 TO STA. 8+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	39
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



LEGEND

- 4 CONSTRUCTION SIGN
- TYPE II BARRICADES OR DRUMS AT 50' CENTERS ALONG TANGENTS AND 25' CENTERS ALONG TAPERS AND RAMP'S ON SIBLEY BLVD. (100' CENTERS ALONG TANGENTS AND 50' CENTERS ALONG TAPERS ON I-80) (WITH STEADY BURN LIGHT IN TAPERS, AND GORES) (NO LIGHTS IN TANGENTS ON I-80)
- DIRECTIONAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT AT 20' CENTERS
- ARROW BOARD
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE W/ FLASHING LIGHTS
- FLASHING AMBER BEACON
- TEMPORARY CONCRETE BARRIER WALL
- WORK ZONE
- IMPACT ATTENUATOR
- 1 PAVEMENT MARKING TAPE, TYPE IV 4", SOLID WHITE LINE
- 2 PAVEMENT MARKING TAPE, TYPE IV 4", SOLID YELLOW LINE
- 3 PAVEMENT MARKING TAPE, TYPE IV 6", 2' DASH - 6' SKIP WHITE
- 4 PAVEMENT MARKING TAPE, TYPE IV 8", SOLID WHITE LINE
- 5 PAVEMENT MARKING TAPE, TYPE IV 12", SOLID WHITE LINE



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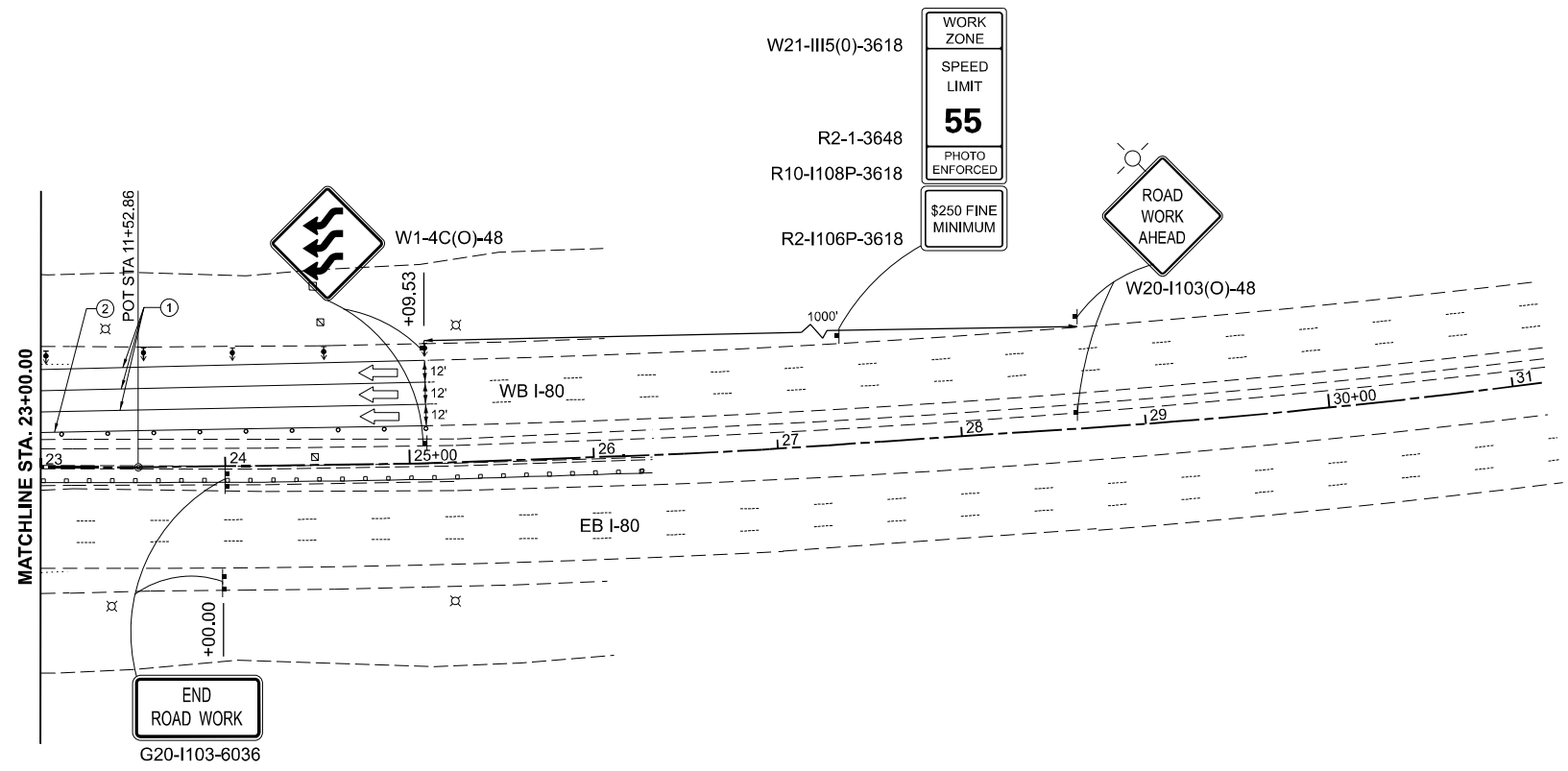
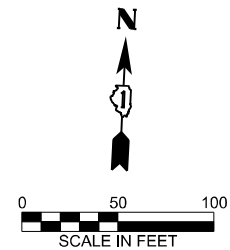
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PLOT DATE	= 5/5/2026	DATE	- 05/06/2026	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
SUGGESTED STAGES OF CONSTRUCTION - STAGE 1B**

SCALE: 1"=50' SHEET 4 OF 8 SHEETS STA. 8+00.00 TO STA. 23+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	40
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



LEGEND

- CONSTRUCTION SIGN
- TYPE II BARRICADES OR DRUMS AT 50' CENTERS ALONG TANGENTS AND 25' CENTERS ALONG TAPERS AND RAMPS ON SIBLEY BLVD. (100' CENTERS ALONG TANGENTS AND 50' CENTERS ALONG TAPERS ON I-80) (WITH STEADY BURN LIGHT IN TAPERS, AND GORES) (NO LIGHTS IN TANGENTS ON I-80)
- DIRECTIONAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT AT 20' CENTERS
- ARROW BOARD
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE W/ FLASHING LIGHTS
- FLASHING AMBER BEACON
- TEMPORARY CONCRETE BARRIER WALL
- WORK ZONE
- IMPACT ATTENUATOR
- ① PAVEMENT MARKING TAPE, TYPE IV 4", SOLID WHITE LINE
- ② PAVEMENT MARKING TAPE, TYPE IV 4", SOLID YELLOW LINE
- ③ PAVEMENT MARKING TAPE, TYPE IV 6", 2" DASH - 6" SKIP WHITE
- ④ PAVEMENT MARKING TAPE, TYPE IV 8", SOLID WHITE LINE
- ⑤ PAVEMENT MARKING TAPE, TYPE IV 12", SOLID WHITE LINE

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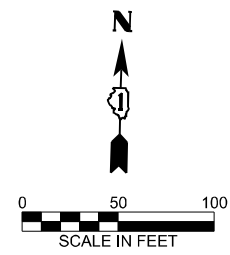
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
SUGGESTED STAGES OF CONSTRUCTION - STAGE 1B**

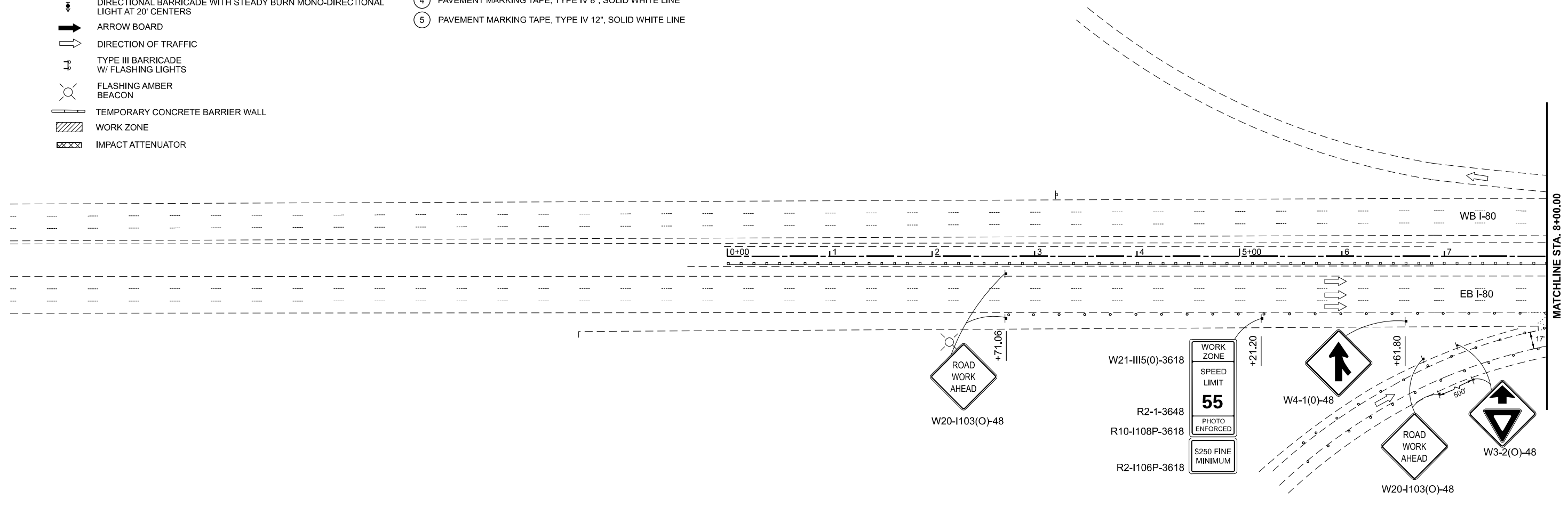
SCALE: 1"=50' SHEET 5 OF 8 SHEETS STA. 23+00.00 TO STA. 36+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	41
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



LEGEND

- | | |
|---|---|
| <ul style="list-style-type: none"> CONSTRUCTION SIGN TYPE II BARRICADES OR DRUMS AT 50' CENTERS ALONG TANGENTS AND 25' CENTERS ALONG TAPERS AND RAMPES ON SIBLEY BLVD. (100' CENTERS ALONG TANGENTS AND 50' CENTERS ALONG TAPERS ON I-80) (WITH STEADY BURN LIGHT IN TAPERS, AND GORES) (NO LIGHTS IN TANGENTS ON I-80) DIRECTIONAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT AT 20' CENTERS ARROW BOARD DIRECTION OF TRAFFIC TYPE III BARRICADE W/ FLASHING LIGHTS FLASHING AMBER BEACON TEMPORARY CONCRETE BARRIER WALL WORK ZONE IMPACT ATTENUATOR | <ul style="list-style-type: none"> PAVEMENT MARKING TAPE, TYPE IV 4", SOLID WHITE LINE PAVEMENT MARKING TAPE, TYPE IV 4", SOLID YELLOW LINE PAVEMENT MARKING TAPE, TYPE IV 6", 2' DASH - 6' SKIP WHITE PAVEMENT MARKING TAPE, TYPE IV 8", SOLID WHITE LINE PAVEMENT MARKING TAPE, TYPE IV 12", SOLID WHITE LINE |
|---|---|



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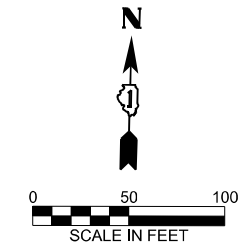
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CHECKED -	TW	REVISED -			
PLOT DATE =	5/5/2026	DATE -	05/06/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
SUGGESTED STAGES OF CONSTRUCTION - STAGE 2A

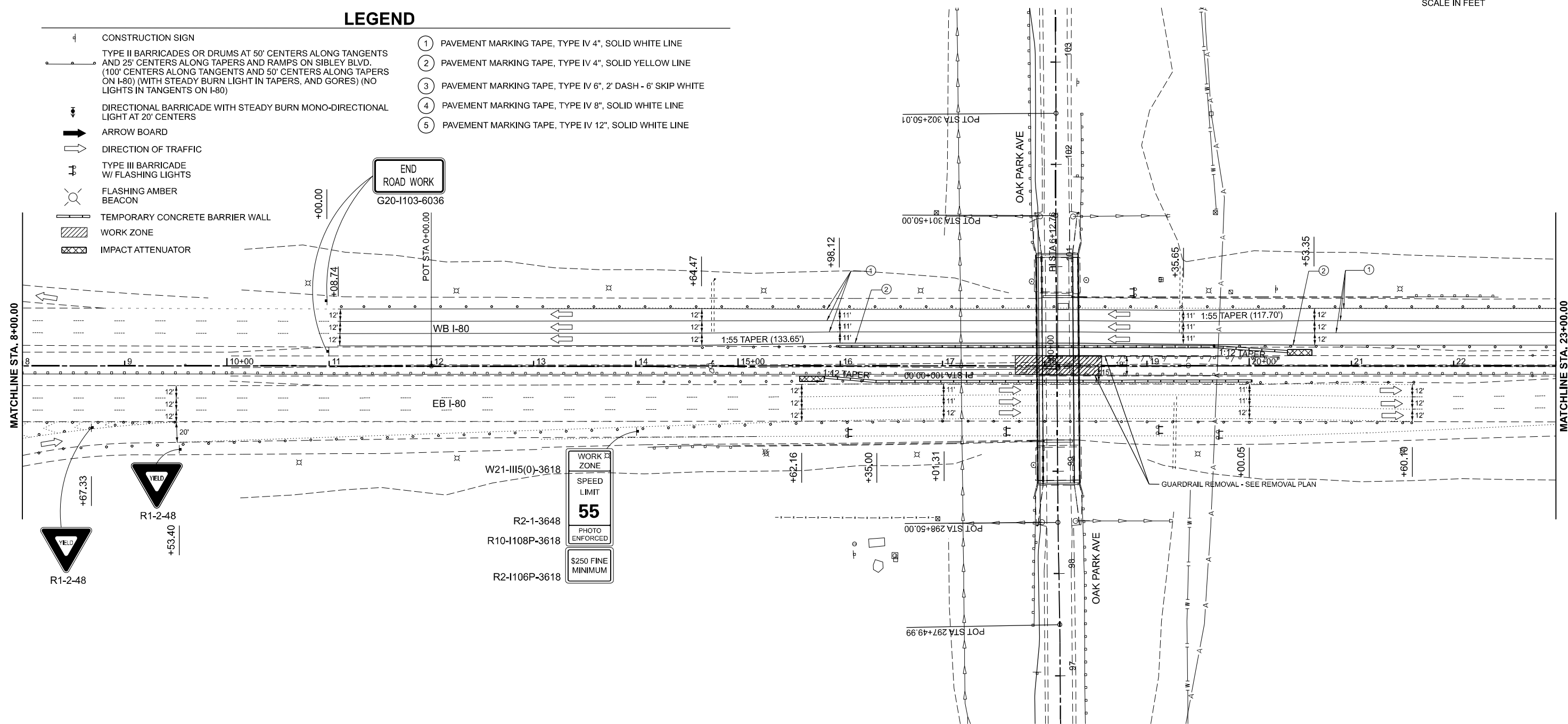
SCALE: 1"=50' SHEET 6 OF 8 SHEETS STA. 0+00.00 TO STA. 8+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	42
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | |
|--|---|--|--|
| | CONSTRUCTION SIGN | | PAVEMENT MARKING TAPE, TYPE IV 4", SOLID WHITE LINE |
| | TYPE II BARRICADES OR DRUMS AT 50' CENTERS ALONG TANGENTS AND 25' CENTERS ALONG TAPERS AND RAMPS ON SIBLEY BLVD. (100' CENTERS ALONG TANGENTS AND 50' CENTERS ALONG TAPERS ON I-80) (WITH STEADY BURN LIGHT IN TAPERS, AND GORES) (NO LIGHTS IN TANGENTS ON I-80) | | PAVEMENT MARKING TAPE, TYPE IV 4", SOLID YELLOW LINE |
| | DIRECTIONAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT AT 20' CENTERS | | PAVEMENT MARKING TAPE, TYPE IV 6", 2' DASH - 6' SKIP WHITE |
| | ARROW BOARD | | PAVEMENT MARKING TAPE, TYPE IV 8", SOLID WHITE LINE |
| | DIRECTION OF TRAFFIC | | PAVEMENT MARKING TAPE, TYPE IV 12", SOLID WHITE LINE |
| | TYPE III BARRICADE W/ FLASHING LIGHTS | | |
| | FLASHING AMBER BEACON | | |
| | TEMPORARY CONCRETE BARRIER WALL | | |
| | WORK ZONE | | |
| | IMPACT ATTENUATOR | | |



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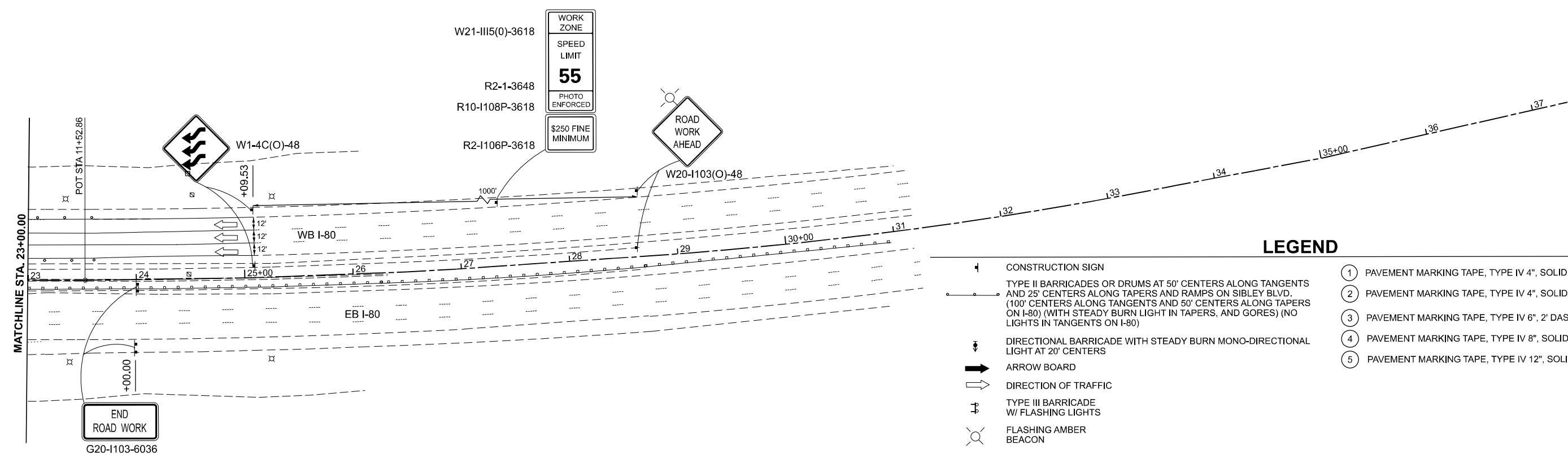
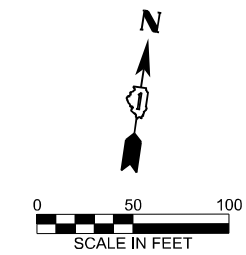


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PLOT DATE	= 5/5/2026	DATE	- 05/06/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
SUGGESTED STAGES OF CONSTRUCTION - STAGE 2A
 SCALE: 1"=50' SHEET 7 OF 8 SHEETS STA. 8+00.00 TO STA. 23+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	43
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



LEGEND

- 1 CONSTRUCTION SIGN
- 2 TYPE II BARRICADES OR DRUMS AT 50' CENTERS ALONG TANGENTS AND 25' CENTERS ALONG TAPERS AND RAMP ON SIBLEY BLVD. (100' CENTERS ALONG TANGENTS AND 50' CENTERS ALONG TAPERS ON I-80) (WITH STEADY BURN LIGHT IN TAPERS, AND GORES) (NO LIGHTS IN TANGENTS ON I-80)
- 3 DIRECTIONAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT AT 20' CENTERS
- 4 ARROW BOARD
- 5 DIRECTION OF TRAFFIC
- 6 TYPE III BARRICADE W/ FLASHING LIGHTS
- 7 FLASHING AMBER BEACON
- 8 TEMPORARY CONCRETE BARRIER WALL
- 9 WORK ZONE
- 10 IMPACT ATTENUATOR
- 11 PAVEMENT MARKING TAPE, TYPE IV 4", SOLID WHITE LINE
- 12 PAVEMENT MARKING TAPE, TYPE IV 4", SOLID YELLOW LINE
- 13 PAVEMENT MARKING TAPE, TYPE IV 6", 2' DASH - 6' SKIP WHITE
- 14 PAVEMENT MARKING TAPE, TYPE IV 8", SOLID WHITE LINE
- 15 PAVEMENT MARKING TAPE, TYPE IV 12", SOLID WHITE LINE

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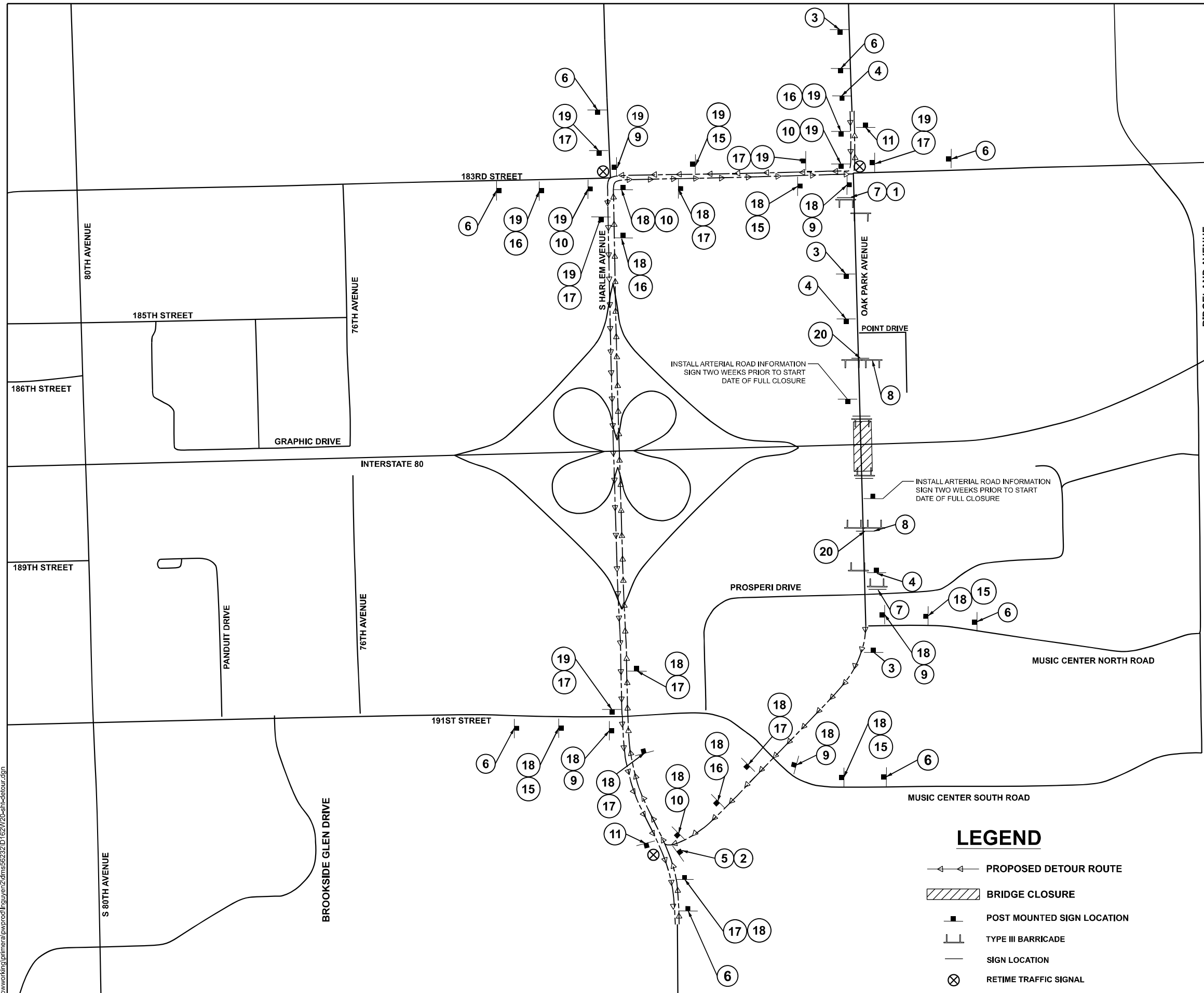
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		CHECKED -	TW	REVISED -	
PLOT DATE =	5/5/2026	DATE -	05/06/2026	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
SUGGESTED STAGES OF CONSTRUCTION - STAGE 2A**

SCALE: 1"=50' SHEET 8 OF 8 SHEETS STA. 23+00.00 TO STA. 36+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	44
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



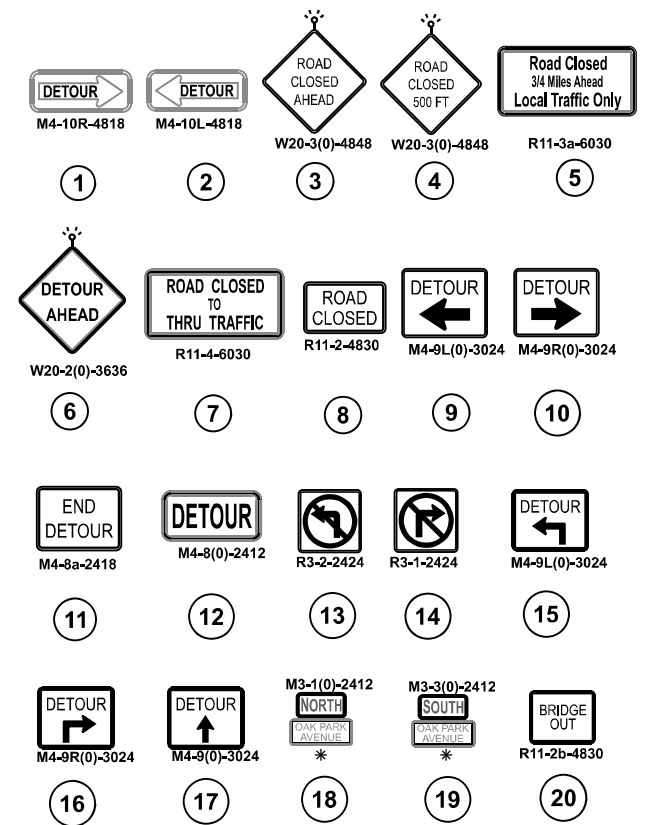
INSTALL ARTERIAL ROAD INFORMATION SIGN TWO WEEKS PRIOR TO START DATE OF FULL CLOSURE

INSTALL ARTERIAL ROAD INFORMATION SIGN TWO WEEKS PRIOR TO START DATE OF FULL CLOSURE

EXAMPLE SIGN ASSEMBLY



SIGN LEGEND



* 6" black letters on orange reflective background, variable size

LEGEND

- ←← PROPOSED DETOUR ROUTE
- ▨ BRIDGE CLOSURE
- POST MOUNTED SIGN LOCATION
- ▬ TYPE III BARRICADE
- SIGN LOCATION
- ⊗ RETIME TRAFFIC SIGNAL

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

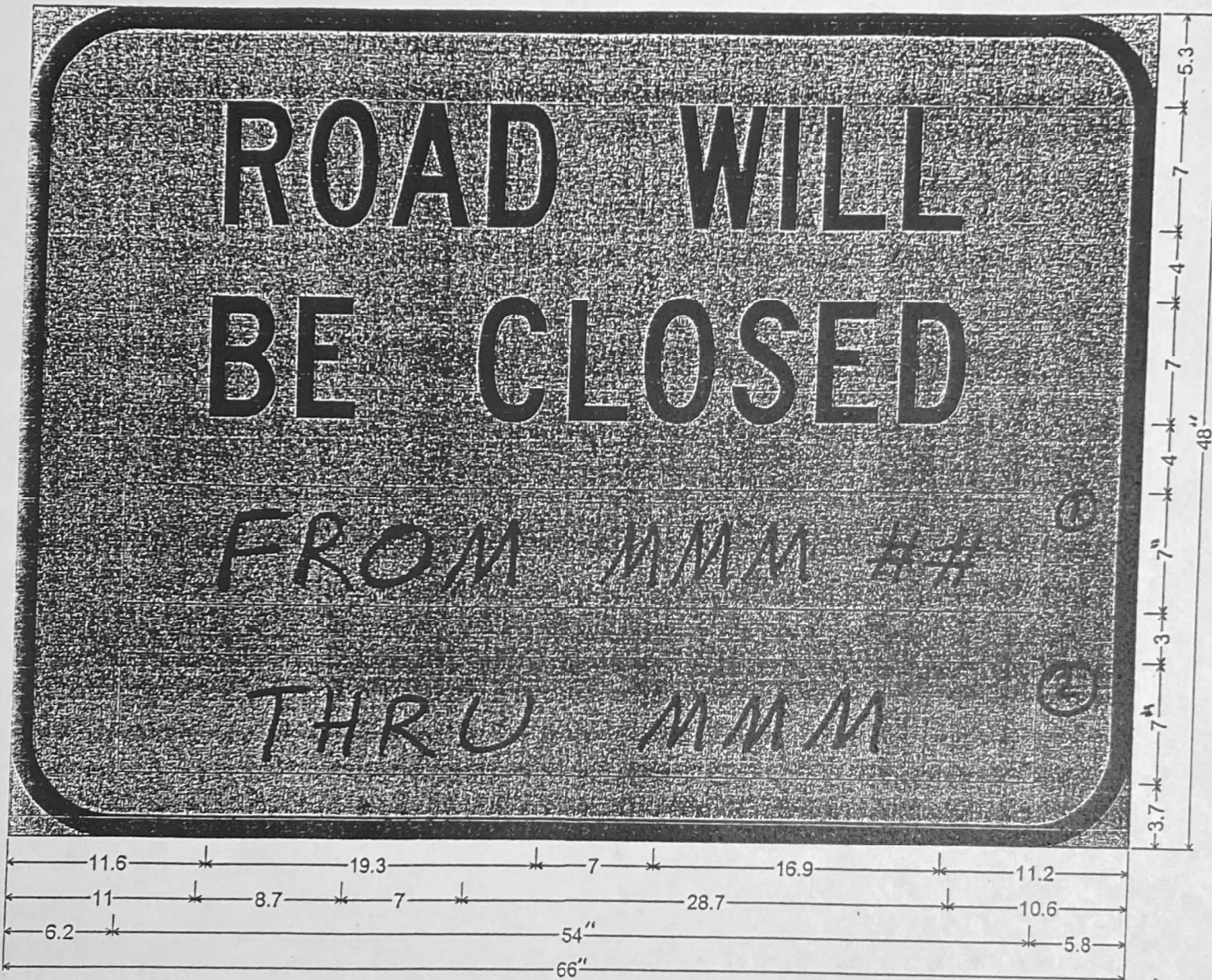
OAK PARK AVENUE OVER I-80 DETOUR PLAN

SCALE: 1"=500' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	45
CONTRACT NO. 62W20				
ILLINOIS / FED. AID PROJECT				

ARTERIAL ROAD INFORMATION SIGN
FOR ROADS TO BE FULLY CLOSED
AND DETOURED

SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.
ONE SIGN ASSEMBLY EQUALS 27.3 SQ. FT.



6.0" Radius, 1.3" Border, Black on Orange;
"ROAD WILL" C 2K; "BE CLOSED" C 2K; Rectangle Orange; Rectangle Orange; "HIGHWAY C" FONT

① OVERLAY PANEL ① TO CONTAIN STARTING DATE OF FULL CLOSURE AND DETOUR IMPLEMENTATION. (i.e. "FROM APR 2")

② OVERLAY PANEL ② TO CONTAIN ENDING MONTH OF FULL CLOSURE AND DETOUR (i.e. "THRU JULY"). OMIT THE DATE ON PANEL ②; MONTH ONLY.

ERECT SIGN ASSEMBLY (POST-MOUNTED) WITH PANELS ① AND ② IN PLACE ON ROAD TO BE CLOSED IN EACH DIRECTION NEAR POINT OF CLOSURE OR WITHIN SECTION TO BE FULLY CLOSED TWO (2) WEEKS PRIOR TO START DATE OF FULL CLOSURE. REMOVE ASSEMBLY AFTER CLOSURE.

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USER NAME = Inguyen	DESIGNED - TVN	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

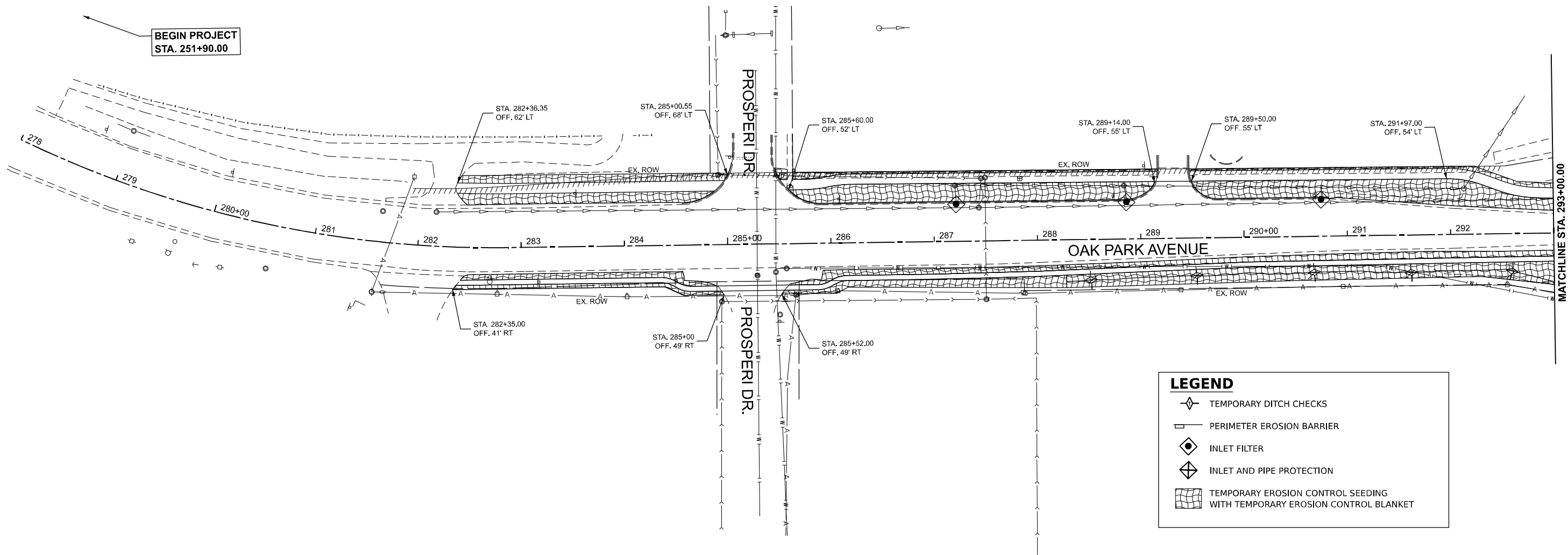
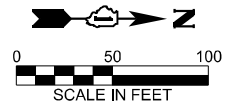
OAK PARK AVENUE OVER I-80
DETOUR PLAN - SIGN DETAILS

SCALE: N/A SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	46
				CONTRACT NO. 62W20
ILLINOIS FED. AID PROJECT				

SEDIMENT AND EROSION CONTROL NOTES:

1. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.
2. THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 15 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS NOT AT FINAL GRADE THAT WILL REMAIN UNDISTURBED FOR MORE THAN 15 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION.
3. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS, THEN SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED DURING CONSTRUCTION.
4. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
5. THE QUANTITIES SHOWN FOR ALL EROSION CONTROL MEASURES INCLUDE THE INSTALLATION, MAINTENANCE, AND REMOVAL OF THE MEASURE.
6. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES IN SERVICEABLE CONSION AT ALL TIMES. EROSION CONTROL MEASURES SHALL BE INSPECTED ON A WEEKLY BASIS AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 0.5 INCHES OF PRECIPITATION OR EQUIVALENT SNOWFALL.
7. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT FOR THIS PROJECT.
8. AS WORK PROGRESSES, ALL SLOPES 3:1 OR GREATER SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET IMMEDIATELY. ALL FLATTER AREAS THAT DO NOT HAVE A COVER OF VEGETATION AND WHERE NO FURTHER WORK IS TO OCCUR FOR 14 DAYS OR MORE, SHALL BE TEMPORARILY SEEDED WITHIN SEVEN (7) CALENDAR DAYS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. A SUFFICIENT QUANTITY OF TEMPORARY EROSION CONTROL SEEDING IS INCLUDED TO COVER THE LIMITS OF PERMANENT LANDSCAPING.
9. TEMPORARY DITCH CHECKS SHALL BE PLACED IMMEDIATELY AFTER DITCH GRADING (OR CLEANING AND REGRADING) IS COMPLETED.
10. ALL PROPOSED OPEN DRAINAGE STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER WITH INLET FILTERS, AND THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "INLET FILTERS". ALL OPEN END CULVERTS SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER, WHICH WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "INLET AND PIPE PROTECTION". "INLET AND PIPE PROTECTION" SHALL BE COMPRESSED OF DITCH CHECKS, TEMPORARY EROSION CONTROL BLANKET, STRAW BALES AND SILT FENCE SHALL NOT BE USED AS INLET AND PIPE PROTECTION.
11. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
12. ANY SOIL, MUD OR DEBRIS WASHED, TRACKED, OR DEPOSITED ONTO THE STREET SHALL BE REMOVED PRIOR TO THE END OF THE WORK DAY.
13. PORTABLE TOILETS SHALL BE PLACED AWAY FROM INLETS AND WATER COURSES.
14. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES AREA NO LONGER NEEDED AS DIRECTED BY THE ENGINEER.
15. THE EROSION CONTROL MEASURES INDICATED IN THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING POLICY.
16. TEMPORARY CONCRETE WASHOUT AREA FACILITY SHALL BE AT LOCATIONS DESIGNATED BY THE ENGINEER AND WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF ALL OTHER ITEMS.
17. MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF TEMPORARY EROSION CONTROL ITEM.
18. THE CONTRACTOR IS RESPONSIBLE FOR THE CONTROL OF DUST AT ALL TIMES DURING THE DURATION OF THE PROJECT, 24 HOURS PER DAY, 7 DAYS PER WEEK, INCLUDING NON-WORKING HOURS, WEEKENDS AND HOLIDAYS, THIS WORK SHALL BE CONSIDERED COMPLETE AFTER THE COMPLETION OF ALL ALL PERMANENT EROSION CONTROL MEASURES REQUIRED FOR THE PROJECT, AND AFTER ALL TEMPORARY AND PERMANENT SEEDING HAS TAKEN PLACE. WORK ON THIS PROJECT SHALL BE CONDUCTED IN A MANNER THAT WILL NOT RESULT IN GENERATING EXCESSIVE AIRBORE PARTICULATE WATTER OR NUISANCE DUST CONDITIONS.



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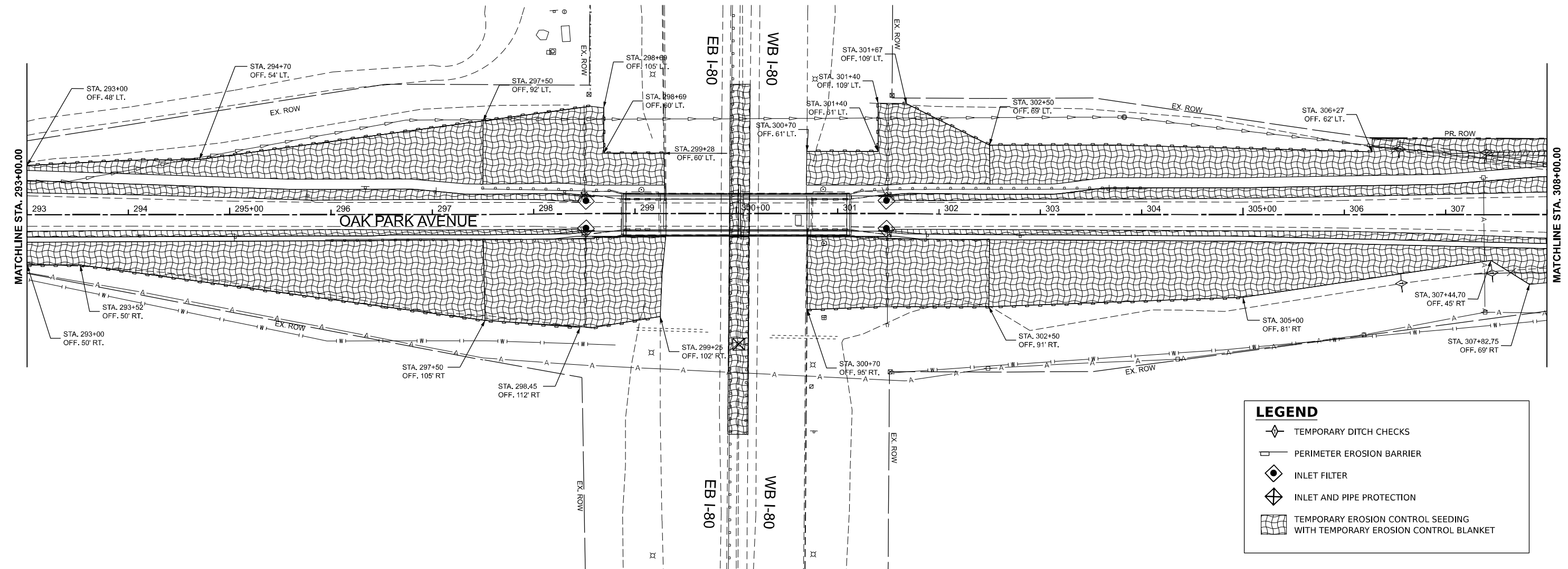
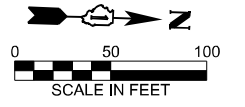
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
EROSION AND SEDIMENT CONTROL PLAN & NOTES**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 278+00.00 TO STA. 293+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	47
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



LEGEND	
	TEMPORARY DITCH CHECKS
	PERIMETER EROSION BARRIER
	INLET FILTER
	INLET AND PIPE PROTECTION
	TEMPORARY EROSION CONTROL SEEDING WITH TEMPORARY EROSION CONTROL BLANKET

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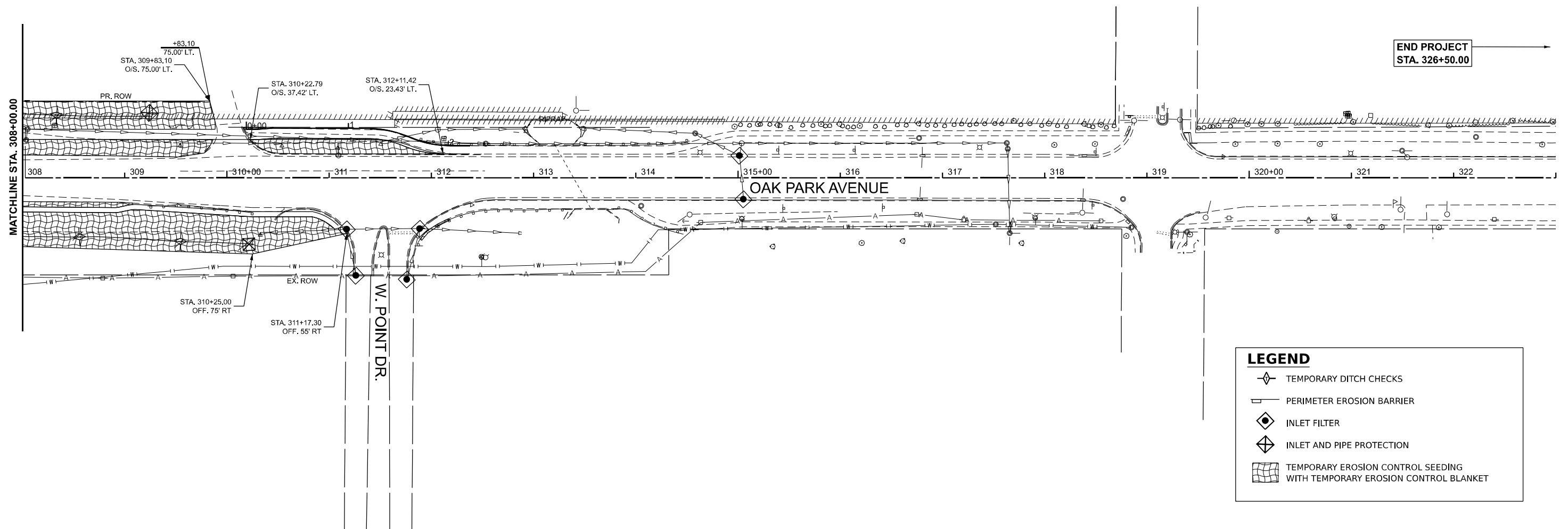
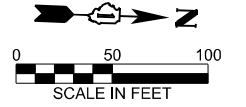


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		DRAWN -	JP/SKP	REVISED -	
		CHECKED -	TW	REVISED -	
PLOT DATE =	5/5/2026	DATE -	05/06/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80 EROSION AND SEDIMENT CONTROL PLAN & NOTES			
SCALE: 1"=50'	SHEET 2	OF 3 SHEETS	STA. 293+00.00 TO STA. 308+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	48
				CONTRACT NO. 62W20
ILLINOIS FED. AID PROJECT				



	TEMPORARY DITCH CHECKS
	PERIMETER EROSION BARRIER
	INLET FILTER
	INLET AND PIPE PROTECTION
	TEMPORARY EROSION CONTROL SEEDING WITH TEMPORARY EROSION CONTROL BLANKET

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USER NAME = Inguyen	DESIGNED - TVN	REVISED -
	DRAWN - JP/SKP	REVISED -
	CHECKED - TW	REVISED -
PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

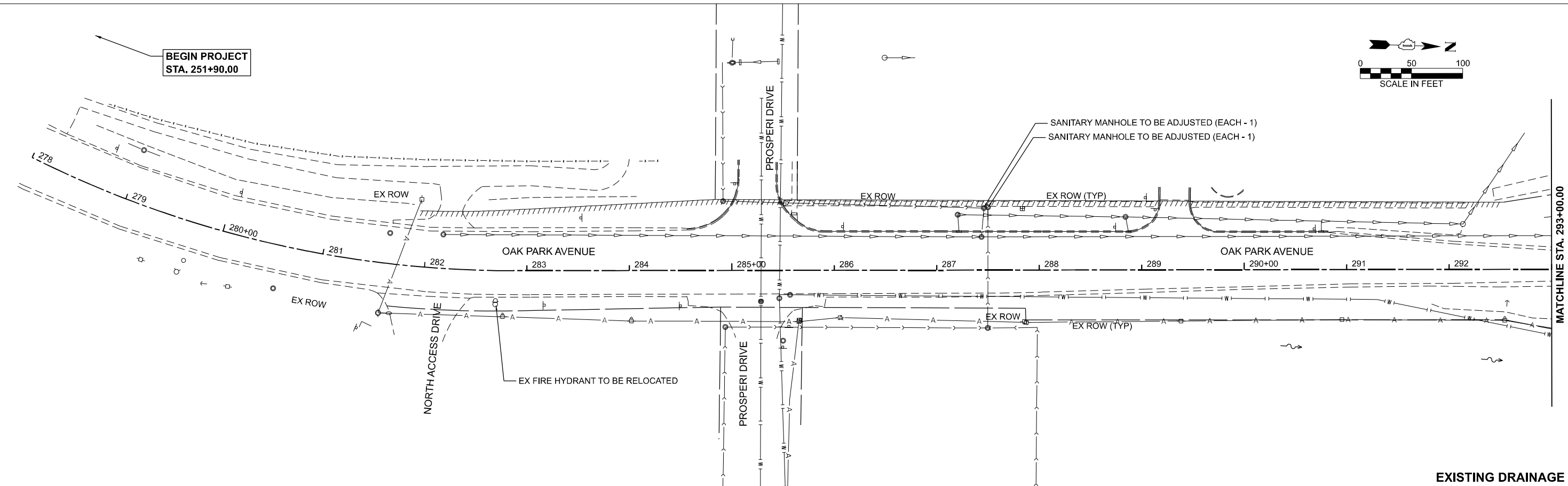
OAK PARK AVENUE OVER I-80
 EROSION AND SEDIMENT CONTROL PLAN & NOTES

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 308+00.00 TO STA. 323+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	49
				CONTRACT NO. 62W20
ILLINOIS FED. AID PROJECT				

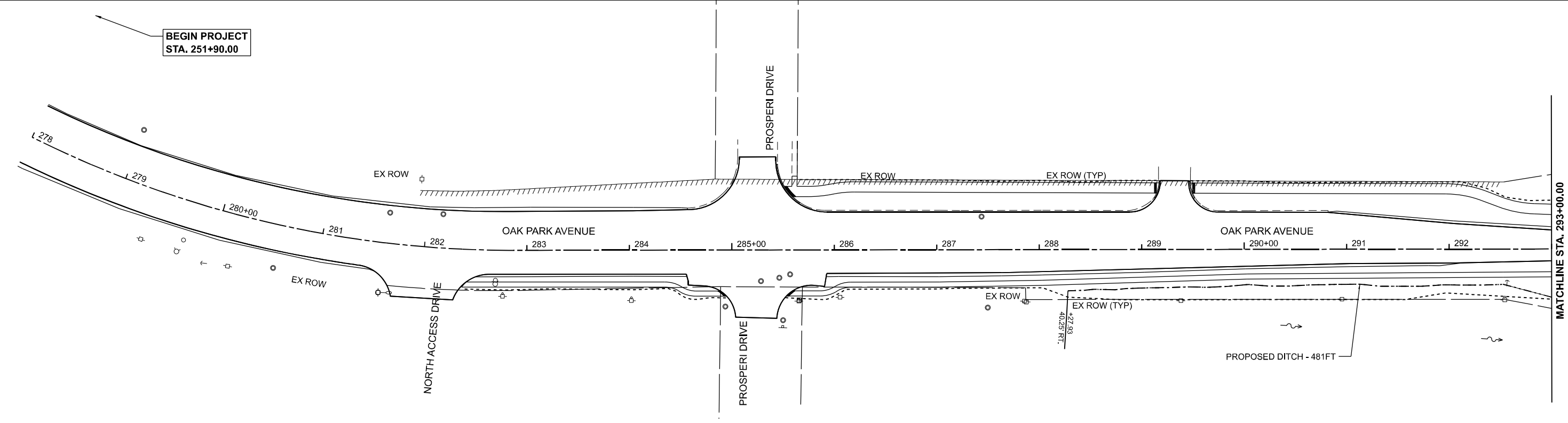


BEGIN PROJECT
STA. 251+90.00



EXISTING DRAINAGE PLAN

BEGIN PROJECT
STA. 251+90.00



NOTE:
1. ALL STORM SEWER STRUCTURES AND PIPES WITHIN THE PROJECT LIMITS ARE TO BE CLEANED OUT AS NECESSARY AS PART OF THE PROPOSED IMPROVEMENTS.

PROPOSED DRAINAGE PLAN

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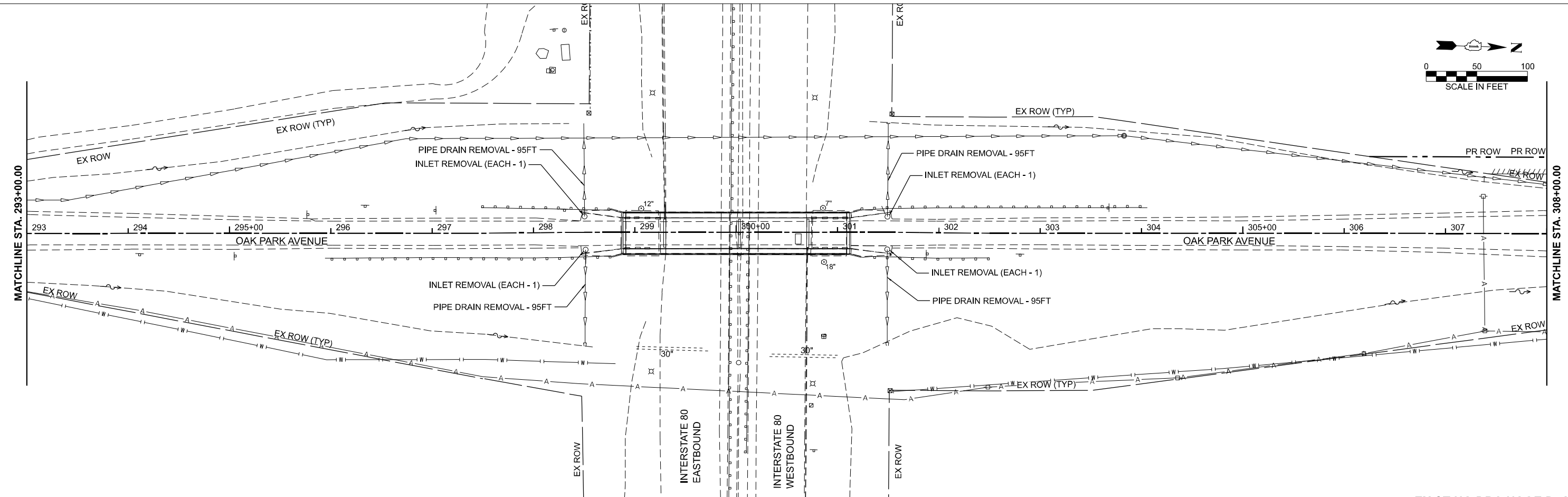
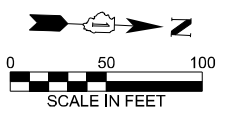
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

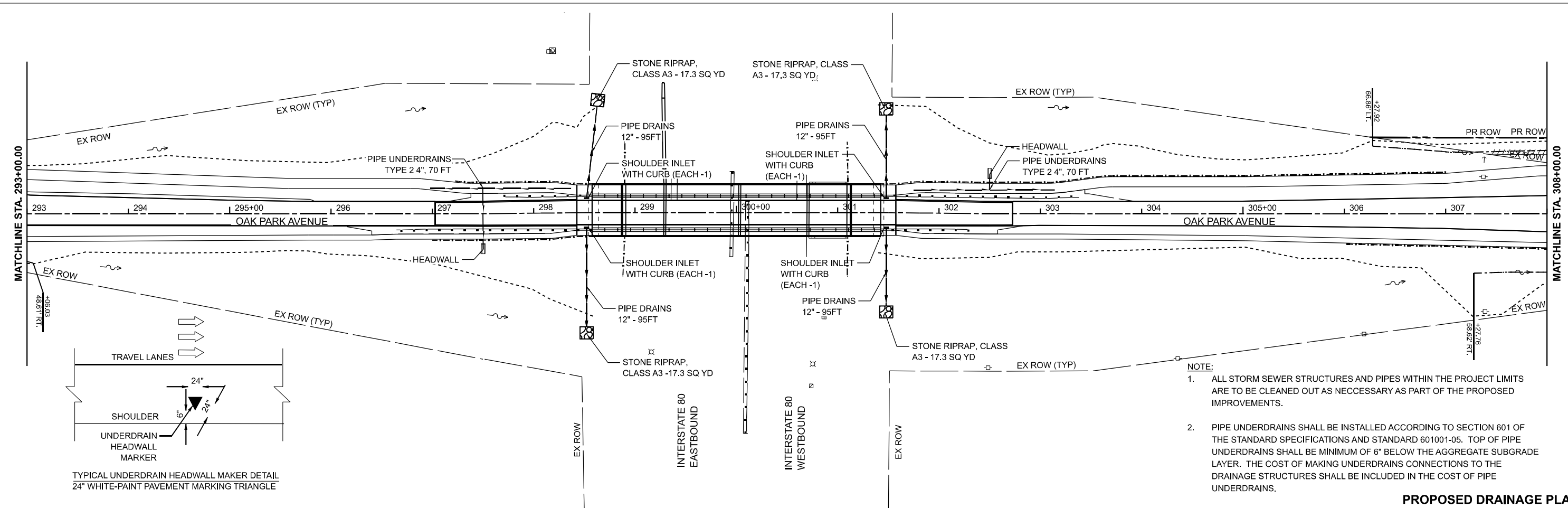
OAK PARK AVENUE OVER I-80
DRAINAGE REMOVAL AND PROPOSED PLAN

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 278+00.00 TO STA. 293+00.00

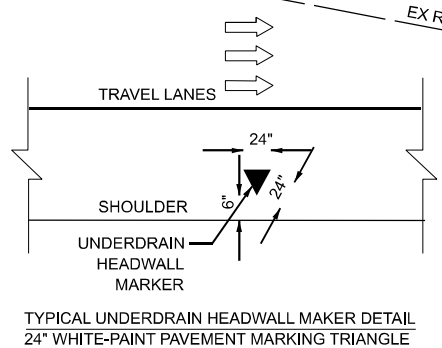
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80	FAI 80 23 Bridge Replacement 2	COOK	158	50
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



EXISTING DRAINAGE PLAN



PROPOSED DRAINAGE PLAN



TYPICAL UNDERDRAIN HEADWALL MARKER DETAIL
24" WHITE-PAINT PAVEMENT MARKING TRIANGLE

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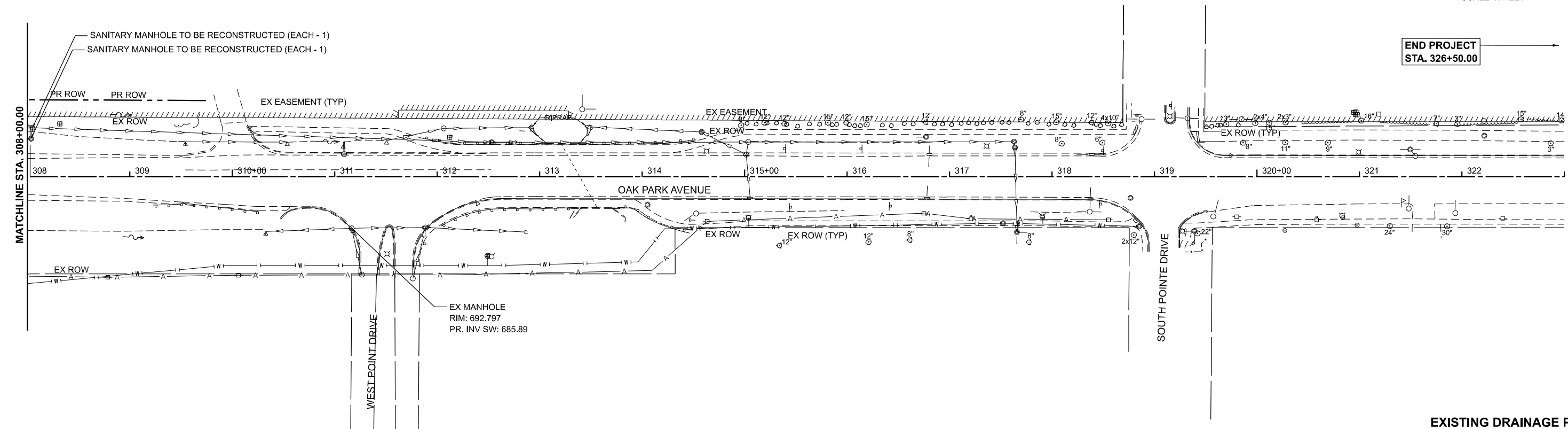
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

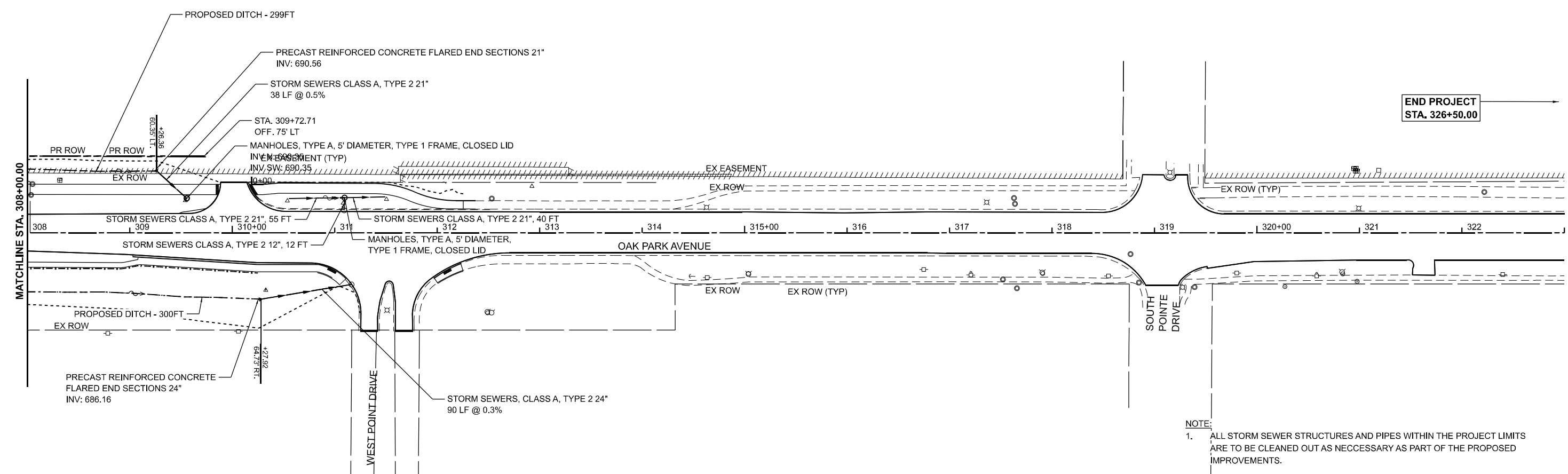
OAK PARK AVENUE OVER I-80
DRAINAGE REMOVAL AND PROPOSED PLAN

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 293+00.00 TO STA. 308+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	51
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



EXISTING DRAINAGE PLAN



NOTE:
 1. ALL STORM SEWER STRUCTURES AND PIPES WITHIN THE PROJECT LIMITS ARE TO BE CLEANED OUT AS NECESSARY AS PART OF THE PROPOSED IMPROVEMENTS.

PROPOSED DRAINAGE PLAN

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PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
DRAINAGE REMOVAL AND PROPOSED PLAN

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 308+00.00 TO STA. 323+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	52
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

DRAINAGE SCHEDULE															
STATION +/-	OFFSET	TYPE	28100105	54213666	54213669	550A0340	550A0400	550A0410	60100945	60221100	X1200234	X0322916	20800150	60108204	60100060
			STONE RIPRAP CL A3	PRC FLAR END SEC 21	PRC FLAR END SEC 24	STORM SEW CL A 2 12	STORM SEW CL A 2 21	STORM SEW CL A 2 24	PIPE DRAINS 12	MAN TA 5 DIA T1F CL	SH INLET WITH CURB	PRO SS CONN TO EX SS	TRENCH BACKFILL	PIPE UNDERD R T 2 4	CONC HDWL FOR P DRAIN
			SQ YD	EACH	EACH	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	CU YD	FOOT	EACH
OAK PARK AVENUE															
297+50	LT/RT													70	1
298+52	-15	IN							95		1				
298+52	118	RR	17.3												
298+52	15	IN							95		1				
298+63	-111	RR	17.3												
301+47.8	-14	IN							95		1				
301+47.8	98	RR	17.3												
301+47.8	14	IN							95		1				
301+47.8	-102	RR	17												
302+50	LT/RT												70	1	
309+26.4	-60	FES		1			38						19		
309+56.0	-33	MH								1					
310+27.9	65	FES			1								45		
310+54	-34	SS					55								
310+81.97	57	SS						90							
311+09.57	-34	SS				12									
311+09.5	-34	SS					40								
311+16.5	50	CONN									1				
TOTAL			69	1	1	12	133	90	380	1	4	1	64	140	2

DITCH SCHEDULE				
STATION +/-	OFFSET	STATION +/-	OFFSET	21400100
				GRADING & SHAP DITCH FOOT
OAK PARK AVENUE				
288+27.9	40.3	293+06.0	48.6	481
306+27.9	-66.9	309+26.4	-60.4	299
307+27.8	58.6	310+27.9	64.7	300
TOTAL				1080

REMOVAL SCHEDULE				
STATION +/-	OFFSET	TYPE	60500060	X6010003
			REMOV INLETS EACH	PIPE DRAIN FOOT
OAK PARK AVENUE				
298+50	-15	IN/DP	1	95
298+50	17	IN/DP	1	95
301+49	-15	IN/DP	1	95
301+49	17	IN/DP	1	95
TOTAL			4	380

ADJUSTMENT SCHEDULE					
STATION +/-	OFFSET	TYPE	56400400	X6026050	X6026051
			FIRE HYDNPTS RELOCATED	SANITARY MANHOLE ADJ	SAN MAN RECONST
			EACH	EACH	EACH
OAK PARK AVENUE					
282+69.85	33	FH	1		
287+46	-61.0	MH		1	
287+50	-61	MH		1	
308+03.6	-37	MH			1
308+05.0	-47.6	MH			1
TOTAL			1	2	2

DRAINAGE MAINTENANCE SCHEDULE									
STATION +/-	OFFSET	STATION +/-	OFFSET	X5537800	X5538000	X5538100	X5538200	Z0018500	
				SS CLEANED 12	SS CLEANED 18	SS CLEANED 21	SS CLEANED 24	DRAINAGE STR CLEANED	
				FOOT	FOOT	FOOT	FOOT	EACH	
287+20	-54	292+14	-44		493			2	
287+20	-37				17				
288+87	-37				15			2	
290+75	-37				11			2	
292+14	-44	292+74	-133		108			1	
309+55	-34	310+54	-34			99			
310+30	52	312+88	54				172	2	
311+09	-22			12				1	
311+16	51						46	1	
311+89	50						51	1	
311+49	-35	312+89	-51		141			1	
TOTAL				12	785	99	269	13	

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	DRAWN - JP/SKP	REVISED -
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PLOT DATE = 5/5/2026	DATE - 05/06/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OAK PARK AVENUE OVER I-80 DRAINAGE REMOVAL AND PROPOSED PLAN - SCHEDULE			
SCALE:	SHEET 4 OF 4 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	53
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

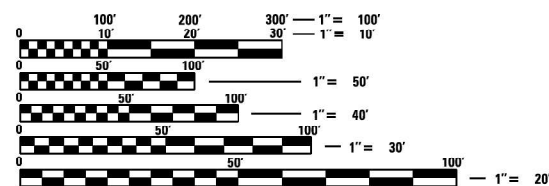
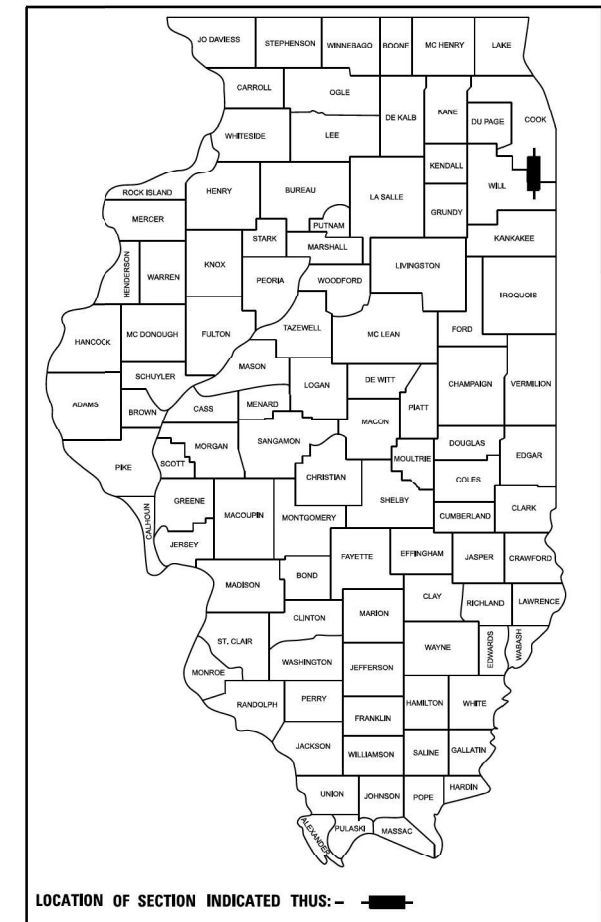
**PROPOSED
FEDERAL AID HIGHWAY**

**OAK PARK AVENUE AT INTERSTATE 80
SECTION
PROJECT
TYPE of IMPROVEMENT
COOK COUNTY**

R-90-008-21

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	9	1
		ILLINOIS	CONTRACT NO.	

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
00821001	MILLENIAL TELECOMMUNICATIONS, INC. A DELAWARE CORPORATION F/KA OXFORD MEDIA GROUP, INC., F/K/A JAVON BROADCASTING CORPORATION	5,9	

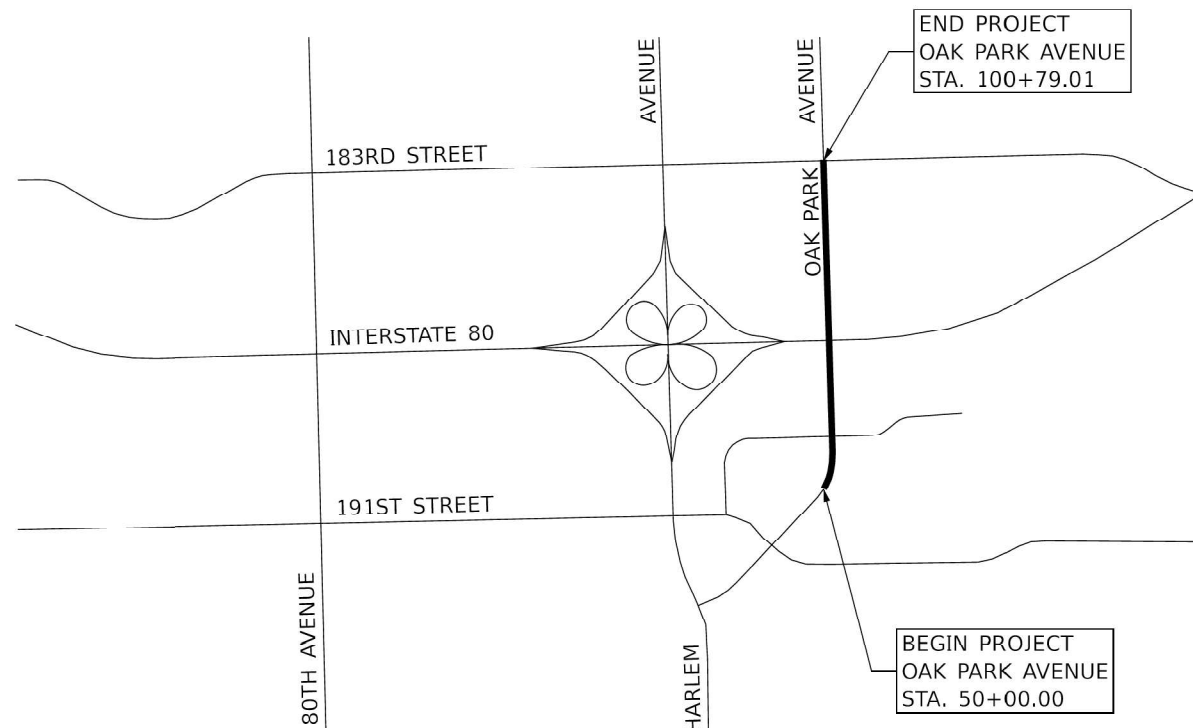


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**PROJECT ENGINEER
PROJECT MANAGER**

CONTRACT NO.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED _____ 20 _____

_____ REGIONAL ENGINEER

_____ 20 _____

_____ ENGINEER OF DESIGN AND ENVIRONMENT

_____ 20 _____

_____ DIRECTOR OF PROGRAM DEVELOPMENT

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

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	DRAWN - KL	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
PLAT OF HIGHWAYS

SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

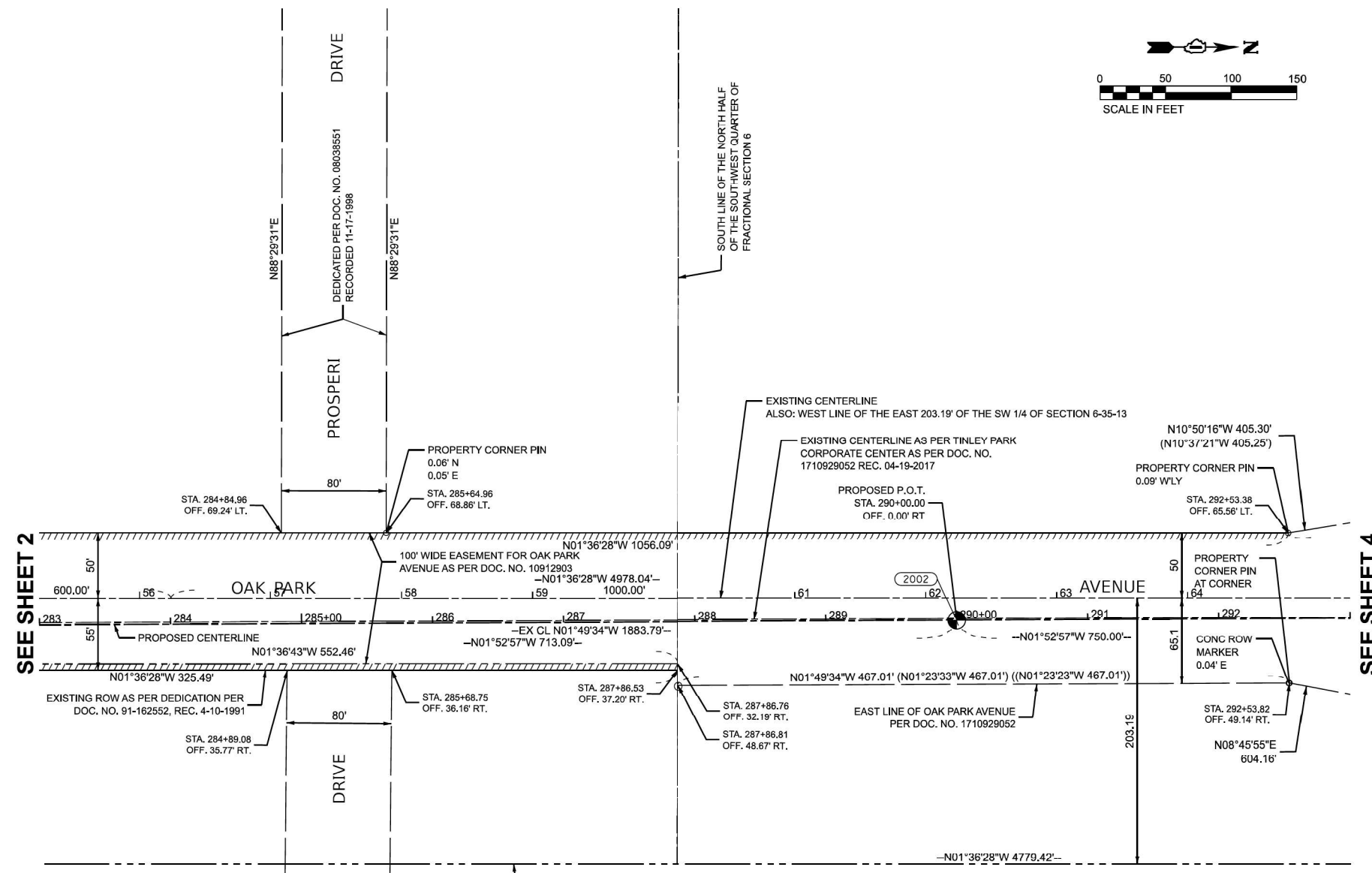
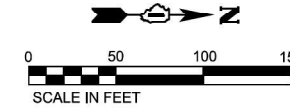
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	54
		ILLINOIS	CONTRACT NO. 62W20	

PART OF SECTION 6, TWP. 35 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

RIGHT-OF-WAY LEGEND



- EXISTING CENTERLINE
- EXISTING RIGHT-OF-WAY LINE
- FORMER RIGHT-OF-WAY LINE
- EXISTING IDOT EASEMENT LINE
- ////// EXISTING EASEMENT LINE
- - - - - BUILDING SETBACK LINE
- AC --- EXISTING ACCESS CONTROL LINE
- AC --- EXISTING RIGHT-OF-WAY & PROPOSED ACCESS CONTROL LINE
- PROPOSED CENTERLINE
- - - - - PROPOSED RIGHT-OF-WAY LINE
- ////// PROPOSED TEMPORARY EASEMENT LINE
- - - - - PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY LINE (TITLE)
- RECORDED PLAT/DEED LINE
- APL --- APPARENT PROPERTY LINE
- SAME OWNERSHIP
- 121.45' MEASURED DIMENSION
- (121.45') RECORDED DIMENSION
- FOUND STONE
- FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
- SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
- △ SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
- + FOUND CUT CROSS
- + SET CUT CROSS



SEE SHEET 2

SEE SHEET 4

NOTES

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY COMBINATION FACTOR OF 0.9999750000.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

PT.NO.	STATION	OFFSET	NORTHING	EASTING
2002	290+00.00	0.00' RT	1778507.222	1134778.986

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

I, BRADLEY K. LUEDERS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED NOVEMBER 25, 2024
Bradley K. Lueders
BRADLEY K. LUEDERS, PLS NO. 035-003406
LICENSE EXPIRATION DATE: 11/30/2024



TINLEY PARK CORPORATE CENTER
RECORDED
APRIL 19, 2017
DOCUMENT NO. 1710929052
(BEARINGS AND DISTANCES PER SUBDIVISION PLAT)



USER NAME = kmuhr	DESIGNED -	REVISED -
PLOT SCALE = \$Scales	DRAWN - KWM	REVISED -
PLOT DATE = 11/24/2024	CHECKED - BKL	REVISED -
	DATE - 09/09/24	REVISED -

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE	SECTION 6	COUNTY COOK	JOB# R-90-008-21
SEC	T 35, R 13E OF 3RD P.M.	PROJECT# OAK PARK AVENUE AT INTERSTATE 80	
SCALE: 1"=50'	SHEET NO. 3 OF 9 SHEETS	STA 50+00.00 TO STA 55+00.00	CONTRACT NO.

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	DRAWN - KL	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

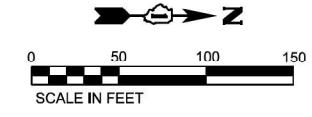
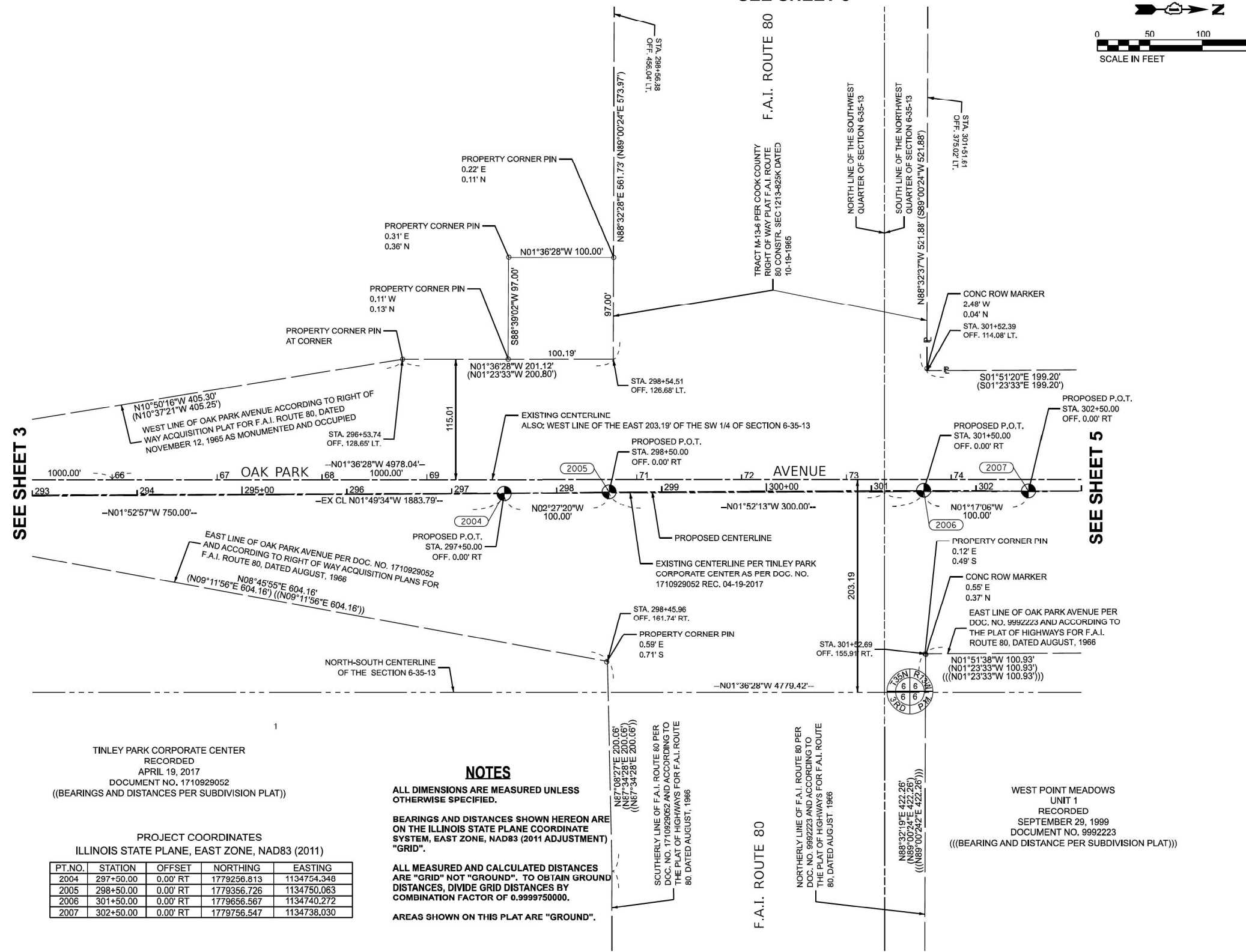
OAK PARK AVENUE OVER I-80
PLAT OF HIGHWAYS

SCALE:	SHEET 3 OF 9 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	56
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

PART OF SECTION 6, TWP. 35 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

SEE SHEET 8



RIGHT-OF-WAY LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT-OF-WAY LINE
- FORMER RIGHT-OF-WAY LINE
- EXISTING IDOT EASEMENT LINE
- EXISTING EASEMENT LINE
- BUILDING SETBACK LINE
- EXISTING ACCESS CONTROL LINE
- EXISTING RIGHT-OF-WAY & PROPOSED ACCESS CONTROL LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT-OF-WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY LINE (TITLE)
- RECORDED PLAT/DEED LINE
- APPARENT PROPERTY LINE
- SAME OWNERSHIP
- MEASURED DIMENSION (121.45')
- RECORDED DIMENSION
- FOUND STONE
- FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
- SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
- SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
- FOUND CUT CROSS
- SET CUT CROSS

SEE SHEET 3

SEE SHEET 5

NOTES

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID".

ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY COMBINATION FACTOR OF 0.9999750000.

AREAS SHOWN ON THIS PLAT ARE "GROUND".

TINLEY PARK CORPORATE CENTER
RECORDED
APRIL 19, 2017
DOCUMENT NO. 1710929052
(BEARINGS AND DISTANCES PER SUBDIVISION PLAT)

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

PT.NO.	STATION	OFFSET	NORTHING	EASTING
2004	297+50.00	0.00' RT	1779256.813	1134754.348
2005	298+50.00	0.00' RT	1779356.726	1134750.063
2006	301+50.00	0.00' RT	1779656.567	1134740.272
2007	302+50.00	0.00' RT	1779756.547	1134738.030

NOTES

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AREAS SHOWN ON THIS PLAT ARE "GROUND".

WEST POINT MEADOWS UNIT 1
RECORDED
SEPTEMBER 29, 1999
DOCUMENT NO. 9992223
(BEARING AND DISTANCE PER SUBDIVISION PLAT)

STATE OF ILLINOIS)
COUNTY OF COOK)

I, BRADLEY K. LUEDERS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED NOVEMBER 25, 2024

Bradley K. Lueders
BRADLEY K. LUEDERS, PLS NO. 035-003406
LICENSE EXPIRATION DATE: 11/30/2024



USER NAME	DESIGNED	REVISIONS
kingaludzja	KL	KL
	KL	BKL
	STB	

USER NAME	DESIGNED	REVISIONS
kingaludzja	KL	KL
	KL	BKL
	STB	

ROUTE	SECTION	COUNTY	JOB#
ROUTE 80 <td>SECTION 6 <td>COOK <td>R-90-008-21 </td></td></td>	SECTION 6 <td>COOK <td>R-90-008-21 </td></td>	COOK <td>R-90-008-21 </td>	R-90-008-21

SCALE	SHEET NO.	OF	SHEETS	PROJECT#	CONTRACT NO.
1"=50'	4	9		OAK PARK AVENUE AT INTERSTATE 80	

MODEL: Plat 4 (Sheet)
FILE NAME: c:\pwworking\rdm\external\pwworking\kuzda\m61751\1521\20-Plat of Highway 4.dgn



USER NAME	DESIGNED	REVISIONS
kingaludzja	KL	KL
	KL	BKL
	STB	

USER NAME	DESIGNED	REVISIONS
kingaludzja	KL	KL
	KL	BKL
	STB	

ROUTE	SECTION	COUNTY	JOB#
ROUTE 80	SECTION 6	COOK	R-90-008-21

SCALE	SHEET NO.	OF	SHEETS	PROJECT#	CONTRACT NO.
1"=50'	4	9		OAK PARK AVENUE AT INTERSTATE 80	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
PLAT OF HIGHWAYS

SHEET 4 OF 9 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	57

CONTRACT NO. 62W20

PART OF SECTION 6, TWP. 35 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NO.	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION		PREVIOUSLY DEDICATED		REMAINDER ACRES	EASEMENTS		PARCEL INDEX NUMBER
		ACRES	SQ FT	ACRES	SQ FT		PE = PERMANENT TE = TEMPORARY	EASEMENT PURPOSE	
00821001	23.682	0.113				23.569			31-06-101-007-0000 31-06-101-008-0000

RIGHT-OF-WAY LEGEND

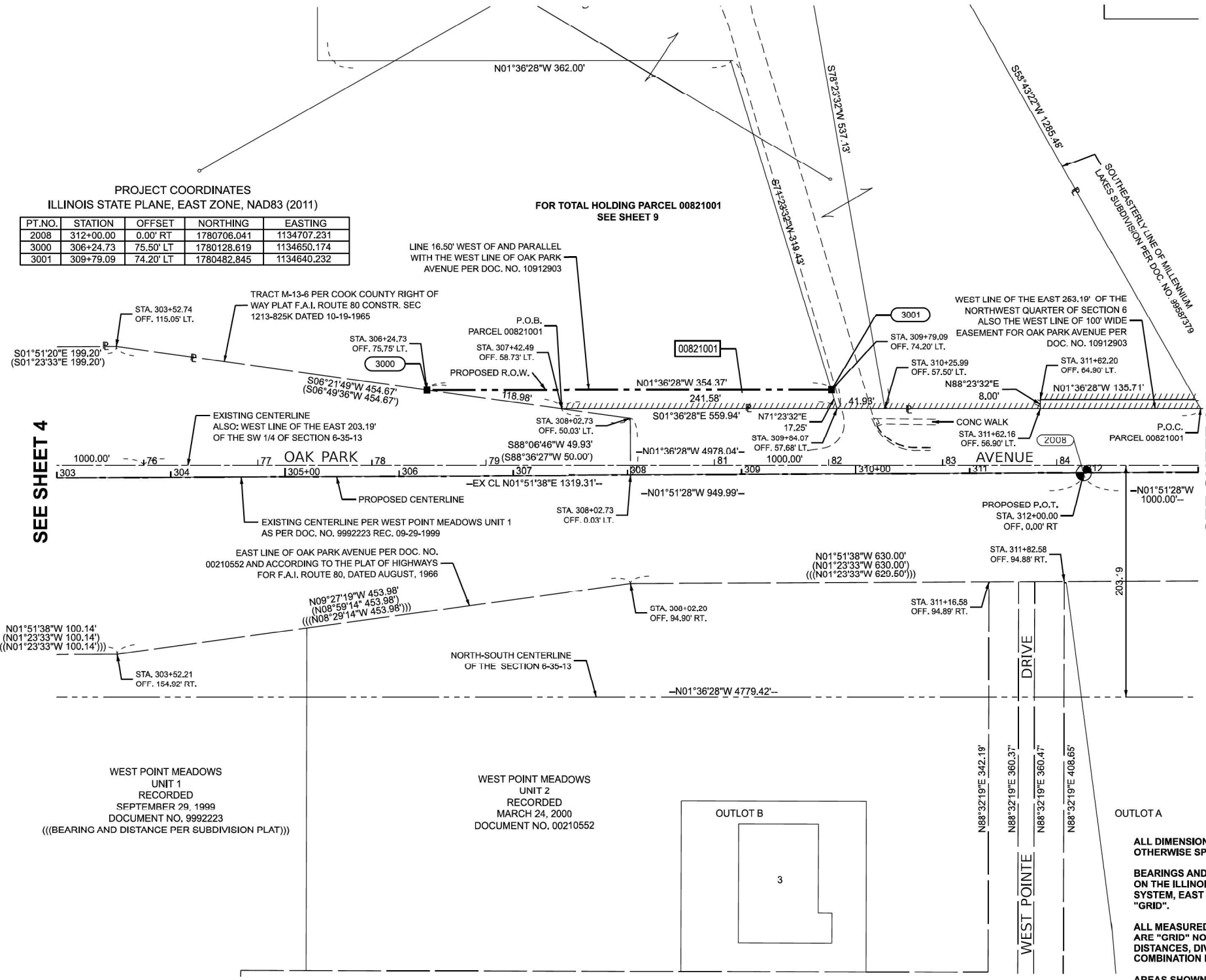
SECTION CORNERS: 1/4, 1/2, 3/4, 1/4, 1/2, 3/4, 1/4, 1/2, 3/4

QUARTER SECTION CORNERS: 1/4, 1/2, 3/4, 1/4, 1/2, 3/4, 1/4, 1/2, 3/4

— — — — — EXISTING CENTERLINE
 — — — — — EXISTING RIGHT-OF-WAY LINE
 - - - - - FORMER RIGHT-OF-WAY LINE
 - - - - - EXISTING IDOT EASEMENT LINE
 - - - - - EXISTING EASEMENT LINE
 - - - - - BUILDING SETBACK LINE
 - - - - - AC ———— EXISTING ACCESS CONTROL LINE
 - - - - - AC ———— EXISTING RIGHT-OF-WAY & PROPOSED ACCESS CONTROL LINE
 - - - - - PROPOSED CENTERLINE
 - - - - - PROPOSED RIGHT-OF-WAY LINE
 - - - - - PROPOSED TEMPORARY EASEMENT LINE
 - - - - - PROPOSED PERMANENT EASEMENT LINE
 - - - - - SECTION LINE
 - - - - - QUARTER SECTION LINE
 - - - - - QUARTER QUARTER SECTION LINE
 ———— PROPERTY LINE (TITLE)
 - - - - - RECORDED PLAT/DEED LINE
 ———— APL ———— APPARENT PROPERTY LINE
 ———— SAME OWNERSHIP
 121.45' (121.45') MEASURED DIMENSION
 □ FOUND STONE
 ○ FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
 SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
 ● PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
 △ SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
 + FOUND CUT CROSS
 + SET CUT CROSS

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

PT.NO.	STATION	OFFSET	NORTHING	EASTING
2008	312+00.00	0.00' RT	1780706.041	1134707.231
3000	306+24.73	75.50' LT	1780128.619	1134650.174
3001	309+79.09	74.20' LT	1780482.845	1134640.232



SEE SHEET 4

SEE SHEET 6

- STAKING OF PROPOSED RIGHT-OF-WAY AND PERMANENT EASEMENT CORNERS. SET 5/8 INCH METAL ROD WITH DEPARTMENT OF TRANSPORTATION SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.
- STAKING OF PROPOSED RIGHT-OF-WAY AND PERMANENT EASEMENT CORNERS IN CULTIVATED AREA, A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACE. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.

STATE OF ILLINOIS)
COUNTY OF COOK)

I, BRADLEY K. LUEDERS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED NOVEMBER 25, 2024
Bradley K. Lueders
PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
LICENSE EXPIRATION DATE: 11/30/2024



NOTES

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AREAS SHOWN ON THIS PLAT ARE "GROUND".



USER NAME = kmuhr	DESIGNED -	REVISED -
	DRAWN - KWM	REVISED -
	CHECKED - BKL	REVISED -
	DATE - 09/09/24	REVISFD -

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE	SECTION 6	COUNTY COOK	JOB# R-90-008-21
SEC	T 35, R 13E OF 3RD P.M.	PROJECT# OAK PARK AVENUE AT INTERSTATE 80	
SCALE: 1"=80'	SHEET NO. 5 OF 9 SHEETS	STA 75+00.00 TO STA 85+00.00	CONTRACT NO.



USER NAME = kingaludzja	DESIGNED - KL	REVISED -
	DRAWN - KL	REVISED -
	CHECKED - STB	REVISED -
	DATE - 5/6/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

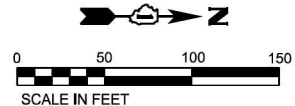
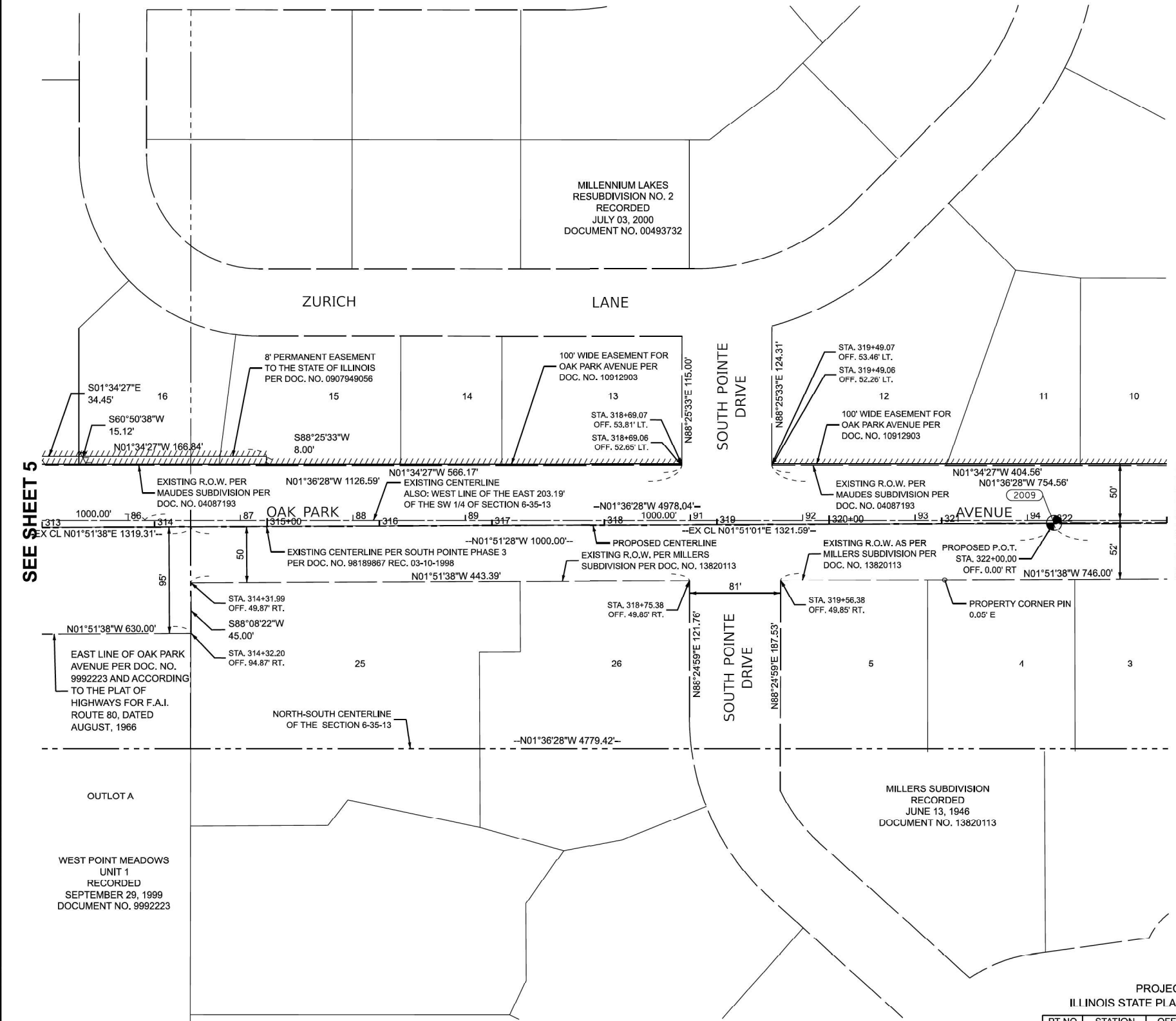
OAK PARK AVENUE OVER I-80
PLAT OF HIGHWAYS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	58
				CONTRACT NO. 62W20

MODEL: Plat 5 (Sheet)
FILE NAME: c:\pwork\kingaludzja\dm61751\10212020-Plat of Highway 5.dgn

MODEL: E:\C\1 - Plan 5 (Sheet)
FILE NAME: I:\PROJECTS\2024\10212020-Plat of Highway 5.dgn

PART OF SECTION 6, TWP. 35 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



RIGHT-OF-WAY LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT-OF-WAY LINE
- FORMER RIGHT-OF-WAY LINE
- EXISTING IDOT EASEMENT LINE
- EXISTING EASEMENT LINE
- BUILDING SETBACK LINE
- EXISTING ACCESS CONTROL LINE
- EXISTING RIGHT-OF-WAY & PROPOSED ACCESS CONTROL LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT-OF-WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY LINE (TITLE)
- RECORDED PLAT/DEED LINE
- APPARENT PROPERTY LINE
- SAME OWNERSHIP
- MEASURED DIMENSION (121.45')
- RECORDED DIMENSION (121.45')
- FOUND STONE
- FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
- SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
- SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
- FOUND CUT CROSS
- SET CUT CROSS

SEE SHEET 5

SEE SHEET 7

NOTES

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STATE OF ILLINOIS)
COUNTY OF COOK)

I, BRADLEY K. LUEDERS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED NOVEMBER 25, 2024
Bradley K. Lueders
BRADLEY K. LUEDERS, PLS NO. 035-003406
LICENSE EXPIRATION DATE: 11/30/2024



PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

PT. NO.	STATION	OFFSET	NORTHING	EASTING
2009	322+00.00	0.00' RT	1781705.515	1134674.811



USER NAME = kmuhr	DESIGNED -	REVISED -
PLOT SCALE = \$Scales	DRAWN - KWM	REVISED -
PLOT DATE = 11/24/2024	CHECKED - BKL	REVISED -
	DATE - 09/09/24	REVISED -

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE	SECTION 6	COUNTY COOK	JOB# R-90-008-21
SEC	T 35 , R 13E OF 3RD P.M.	PROJECT# OAK PARK AVENUE AT INTERSTATE 80	
SCALE: 1"=50'	SHEET NO. 6 OF 9 SHEETS	STA 85+00.00 TO STA 95+00.00	CONTRACT NO.

MODEL: Plat 6 (Sheet)
FILE NAME: c:\pwworking\pinnacle\pwworking\mduzadms61751\1D162120-Plat of Highway 6.dgn



USER NAME = kingaludzja	DESIGNED - KL	REVISED -
	DRAWN - KL	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

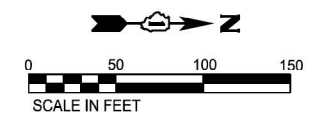
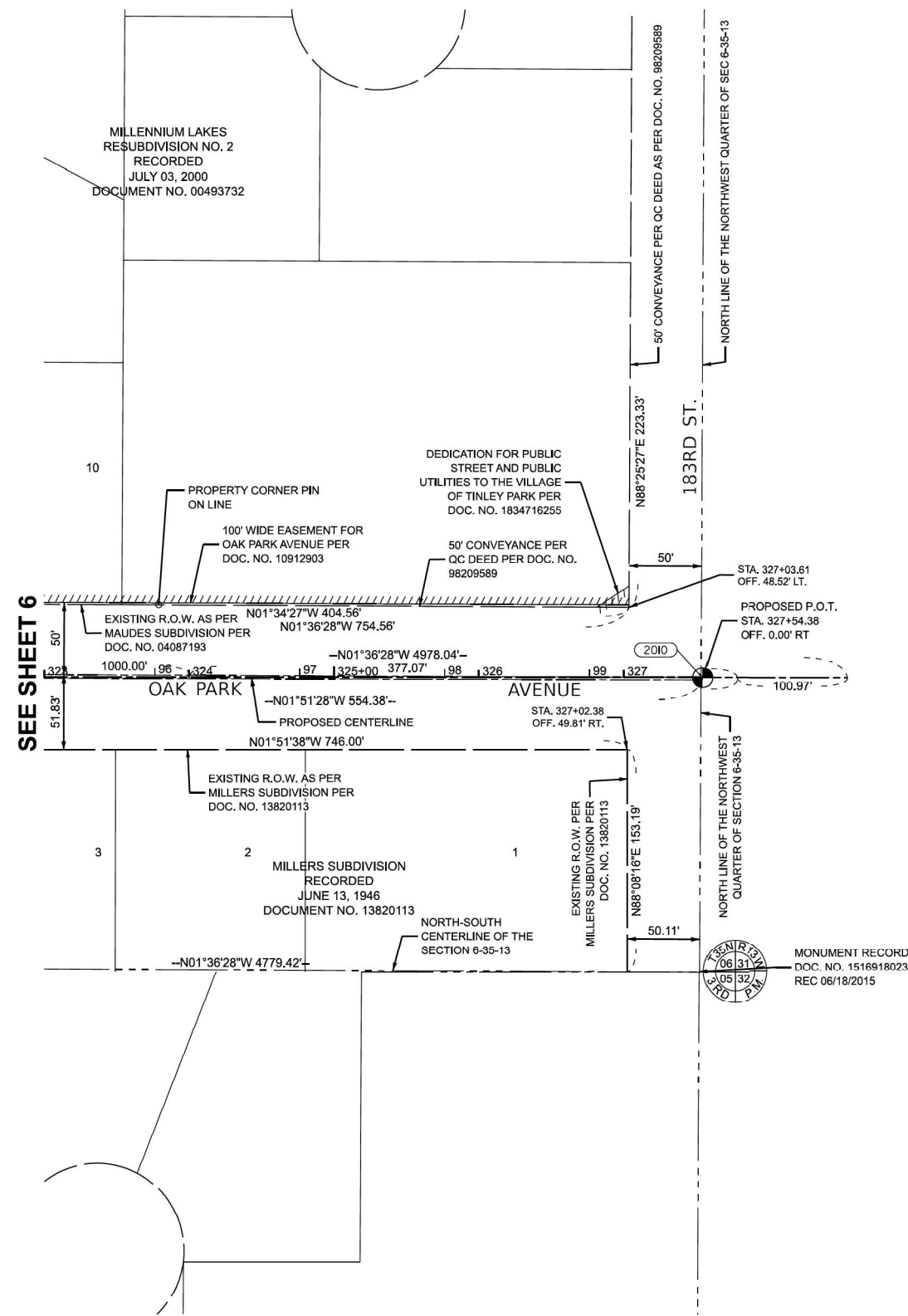
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
PLAT OF HIGHWAYS

SHEET 6 OF 9 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	59
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

PART OF SECTION 6, TWP. 35 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



RIGHT-OF-WAY LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT-OF-WAY LINE
- FORMER RIGHT-OF-WAY LINE
- EXISTING IDOT EASEMENT LINE
- EXISTING EASEMENT LINE
- BUILDING SETBACK LINE
- EXISTING ACCESS CONTROL LINE
- EXISTING RIGHT-OF-WAY & PROPOSED ACCESS CONTROL LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT-OF-WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY LINE (TITLE)
- RECORDED PLAT/DEED LINE
- APPARENT PROPERTY LINE
- SAME OWNERSHIP
- 121.45'
(121.45') MEASURED DIMENSION
- (121.45') RECORDED DIMENSION
- FOUND STONE
- FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
- SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
- SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
- FOUND CUT CROSS
- SET CUT CROSS

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

PT. NO.	STATION	OFFSET	NORTHING	EASTING
2010	327+54.38	0.00' RT	1782259.588	1134656.890

NOTES

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- AREAS SHOWN ON THIS PLAT ARE "GROUND".

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

I, BRADLEY K. LUEDERS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED NOVEMBER 25, 2024
Bradley K. Lueders
BRADLEY K. LUEDERS, PLS NO. 035-003406
LICENSE EXPIRATION DATE: 11/30/2024



 17000 SOUTH PARK AVENUE SOUTH HOLLAND, IL 60473 (708) 331-8700	USER NAME = kmuhr	DESIGNED -	REVISED -
	PLOT SCALE = \$Scales	DRAWN - KWM	REVISED -
	PLOT DATE = 11/24/2024	CHECKED - BKL	REVISED -
		DATE - 09/09/24	REVISED -

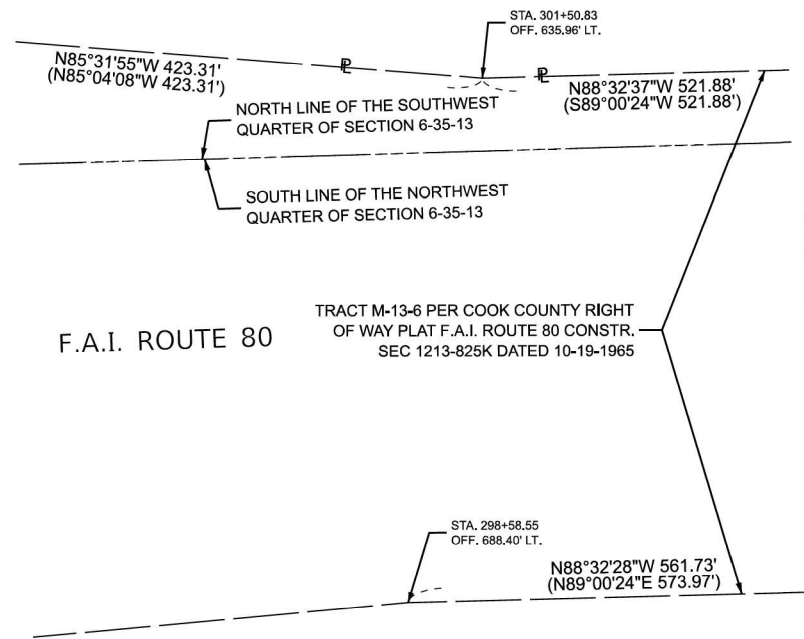
ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS	ROUTE	SECTION 6	COUNTY COOK	JOB# R-90-008-21
	SEC	T 35 , R 13E OF 3RD P.M.	PROJECT#	OAK PARK AVENUE AT INTERSTATE 80
	SCALE: 1"=50'	SHEET NO. 7 OF 9 SHEETS	STA 95+00.00	TO STA 100+79.01 CONTRACT NO.

USER NAME = kingaludzja	DESIGNED - KL	REVISED -
	DRAWN - KL	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OAK PARK AVENUE OVER I-80 PLAT OF HIGHWAYS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			80	FAI 80 23 Bridge Replacement 2	COOK	158	60
					CONTRACT NO. 62W20		
SHEET 7 OF 9 SHEETS				ILLINOIS FED. AID PROJECT			

MODEL: Plat 7 (Sheet)
FILE NAME: c:\pwworking\pinnacle\pinnacle\m61751\1D162W20-Plat of Highway 7.dgn

PART OF SECTION 6, TWP. 35 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



SEE SHEET 4

F.A.I. ROUTE 80

TRACT M-13-6 PER COOK COUNTY RIGHT OF WAY PLAT F.A.I. ROUTE 80 CONSTR. SEC 1213-825K DATED 10-19-1965

WEST POINT MEADOWS UNIT 1 RECORDED SEPTEMBER 29, 1999 DOCUMENT NO. 9992223

SEE SHEET 4

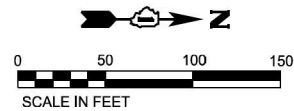
NORTHERLY LINE OF F.A.I. ROUTE 80 PER DOC. NO. 9992223 AND ACCORDING TO THE PLAT OF HIGHWAYS FOR F.A.I. ROUTE 80, DATED AUGUST, 1966

F.A.I. ROUTE 80

SOUTHERLY LINE OF F.A.I. ROUTE 80 PER DOC. NO. 1710929052 AND ACCORDING TO THE PLAT OF HIGHWAYS FOR F.A.I. ROUTE 80, DATED AUGUST, 1966

TINLEY PARK CORPORATE CENTER RECORDED APRIL 19, 2017 DOCUMENT NO. 1710929052 ((BEARING AND DISTANCE PER SUBDIVISION PLAT))

L=806.42' R=5879.58'
CH.=805.79'
CH. BRG.=N84°38'38"E
(L=806.42' R=5879.58')
(CH.=805.79')
(CH. BRG.=N84°38'38"E)
((L=806.42' R=5879.58'))
((CH.=805.79'))
((CH. BRG.=N85°04'39"E))



NOTES

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AREAS SHOWN ON THIS PLAT ARE "GROUND".

RIGHT-OF-WAY LEGEND



- EXISTING CENTERLINE
- EXISTING RIGHT-OF-WAY LINE
- FORMER RIGHT-OF-WAY LINE
- EXISTING IDOT EASEMENT LINE
- ////// EXISTING EASEMENT LINE
- - - - - BUILDING SETBACK LINE
- AC --- EXISTING ACCESS CONTROL LINE
- AC --- EXISTING RIGHT-OF-WAY & PROPOSED ACCESS CONTROL LINE
- PROPOSED CENTERLINE
- - - - - PROPOSED RIGHT-OF-WAY LINE
- ////// PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- P --- PROPERTY LINE (TITLE)
- RECORDED PLAT/DEED LINE
- APL --- APPARENT PROPERTY LINE
- SAME OWNERSHIP
- 121.45' MEASURED DIMENSION
- (121.45') RECORDED DIMENSION
- FOUND STONE
- FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
- SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
- △ SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
- + FOUND CUT CROSS
- + SET CUT CROSS

- STAKING OF PROPOSED RIGHT-OF-WAY AND PERMANENT EASEMENT CORNERS. SET 5/8 INCH METAL ROD WITH DEPARTMENT OF TRANSPORTATION SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.
- STAKING OF PROPOSED RIGHT-OF-WAY AND PERMANENT EASEMENT CORNERS IN CULTIVATED AREA, A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACE. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER.

STATE OF ILLINOIS)
COUNTY OF COOK)

I, BRADLEY K. LUEDERS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED NOVEMBER 25, 2024

Bradley K. Lueders
BRADLEY K. LUEDERS, PLS NO. 035-003406
LICENSE EXPIRATION DATE: 11/30/2024



USER NAME = kmuhr	DESIGNED -	REVISED -
PLOT SCALE = \$Scales	DRAWN - KWM	REVISED -
PLOT DATE = 11/24/2024	CHECKED - BKL	REVISED -
	DATE - 09/09/24	REVISED -

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS

ROUTE	SECTION 6	COUNTY COOK	JOB# R-90-008-21
SEC	T 35, R 13E OF 3RD P.M.	PROJECT# OAK PARK AVENUE AT INTERSTATE 80	
SCALE: 1"=50'	SHEET NO. 8 OF 9 SHEETS	STA	TO STA CONTRACT NO.



USER NAME = kingaludzja	DESIGNED - KL	REVISED -
	DRAWN - KL	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
PLAT OF HIGHWAYS

SHEET 8 OF 9 SHEETS

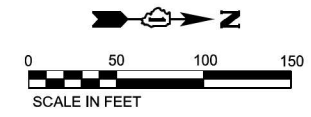
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	61
CONTRACT NO. 62W20				

ILLINOIS FED. AID PROJECT

MODEL: Plat 8 (Sheet)
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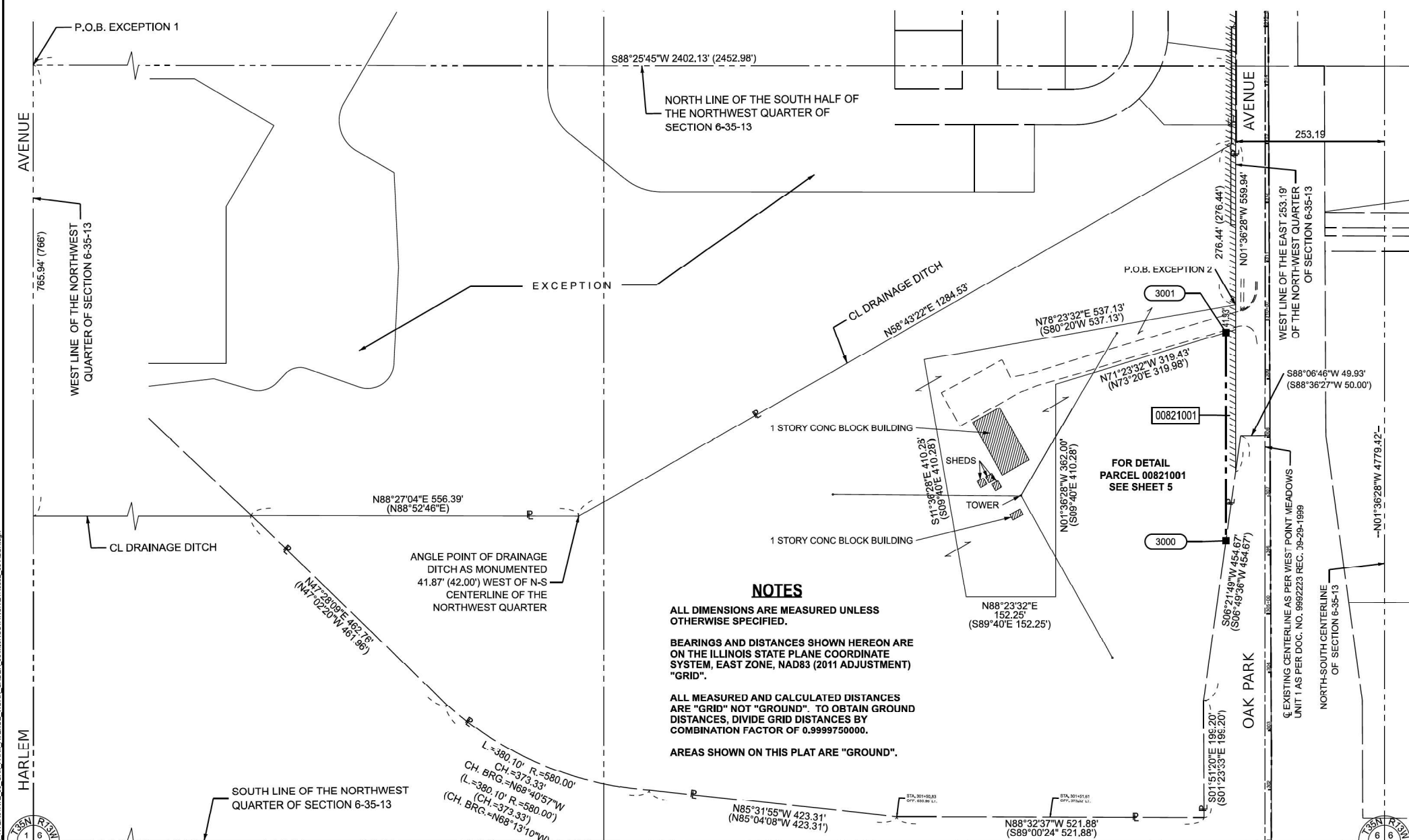
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PART OF SECTION 6, TWP. 35 N., R. 13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



RIGHT-OF-WAY LEGEND

- EXISTING CENTERLINE
- EXISTING RIGHT-OF-WAY LINE
- FORMER RIGHT-OF-WAY LINE
- EXISTING IDOT EASEMENT LINE
- EXISTING EASEMENT LINE
- BUILDING SETBACK LINE
- EXISTING ACCESS CONTROL LINE
- EXISTING RIGHT-OF-WAY & PROPOSED ACCESS CONTROL LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT-OF-WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY LINE (TITLE)
- RECORDED PLAT/DEED LINE
- APPARENT PROPERTY LINE
- SAME OWNERSHIP
- MEASURED DIMENSION (121.45')
- RECORDED DIMENSION
- FOUND STONE
- FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
- SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
- SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
- FOUND CUT CROSS
- SET CUT CROSS



NOTES

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID".

ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY COMBINATION FACTOR OF 0.9999750000.

AREAS SHOWN ON THIS PLAT ARE "GROUND".

MONUMENT RECORD
DOC. NO. 1312629021
REC 05/06/2013
AND DOC. NO.
1306010118
REC 03/01/2013

STATE OF ILLINOIS)
COUNTY OF COOK)

I, BRADLEY K. LUEDERS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED NOVEMBER 25, 2024

Bradley K. Lueders
BRADLEY K. LUEDERS, PLS NO. 035-003406
LICENSE EXPIRATION DATE: 11/30/2024



USER NAME = kmuhr	DESIGNED -	REVISED -
PLOT SCALE = \$Scales	DRAWN - KWM	REVISED -
PLOT DATE = 11/24/2024	CHECKED - BKL	REVISED -
	DATE - 09/09/24	REVISED -

**ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS**

ROUTE	SECTION 6	COUNTY COOK	JOB# R-90-008-21
SEC	T 35, R 13E OF 3RD P.M.	PROJECT#	OAK PARK AVENUE AT INTERSTATE 80
SCALE: 1"=50'	SHEET NO. 9 OF 9 SHEETS	STA 95+00.00	TO STA 100+79.01 CONTRACT NO.

MODEL: Plat 9 (Sheet)
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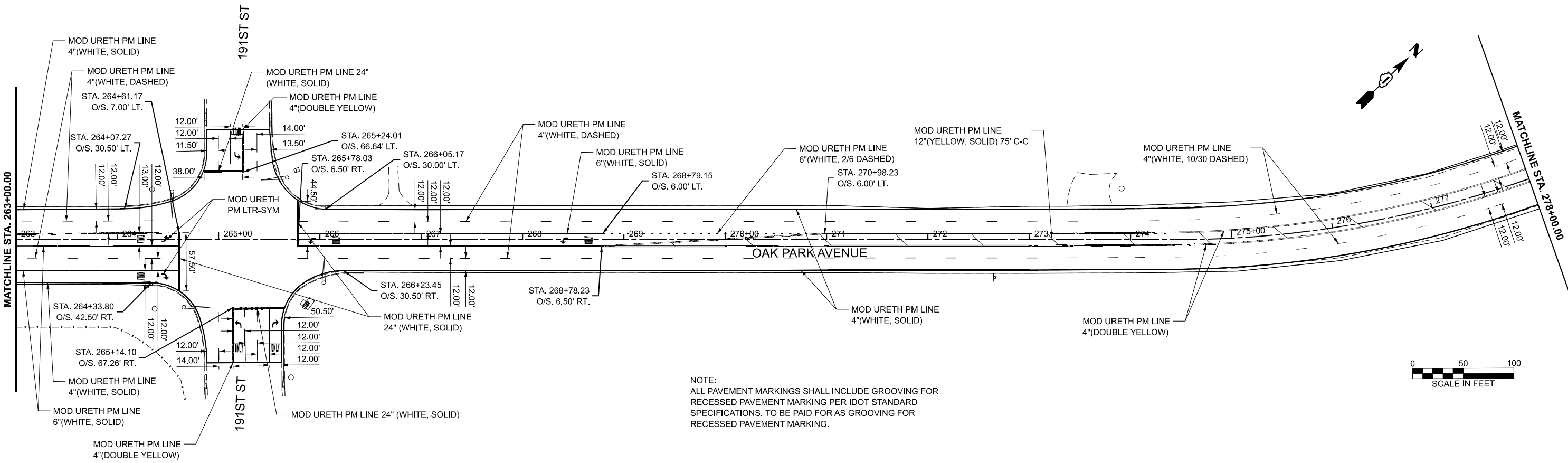
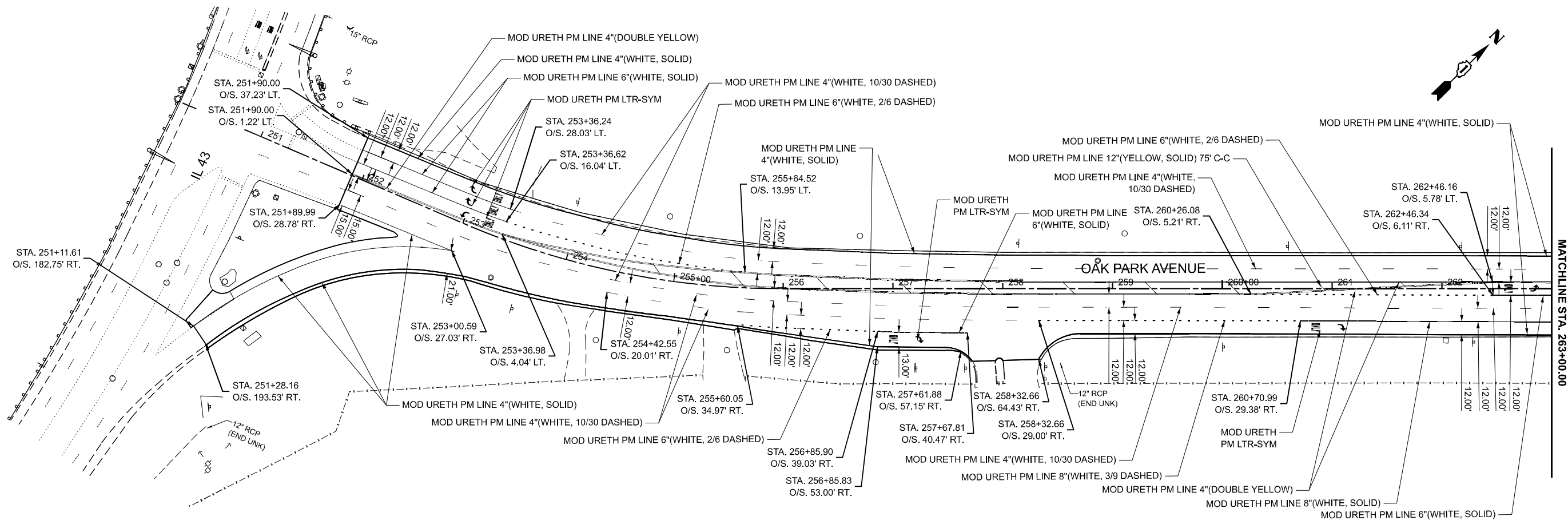
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	DRAWN - KL	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
PLAT OF HIGHWAYS**

SHEET 9 OF 9 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	62
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



NOTE:
 ALL PAVEMENT MARKINGS SHALL INCLUDE GROOVING FOR
 RECESSED PAVEMENT MARKING PER IDOT STANDARD
 SPECIFICATIONS. TO BE PAID FOR AS GROOVING FOR
 RECESSED PAVEMENT MARKING.

MODEL: PR Oak Park Ave CL PMK - Plan 1 (Sheet)
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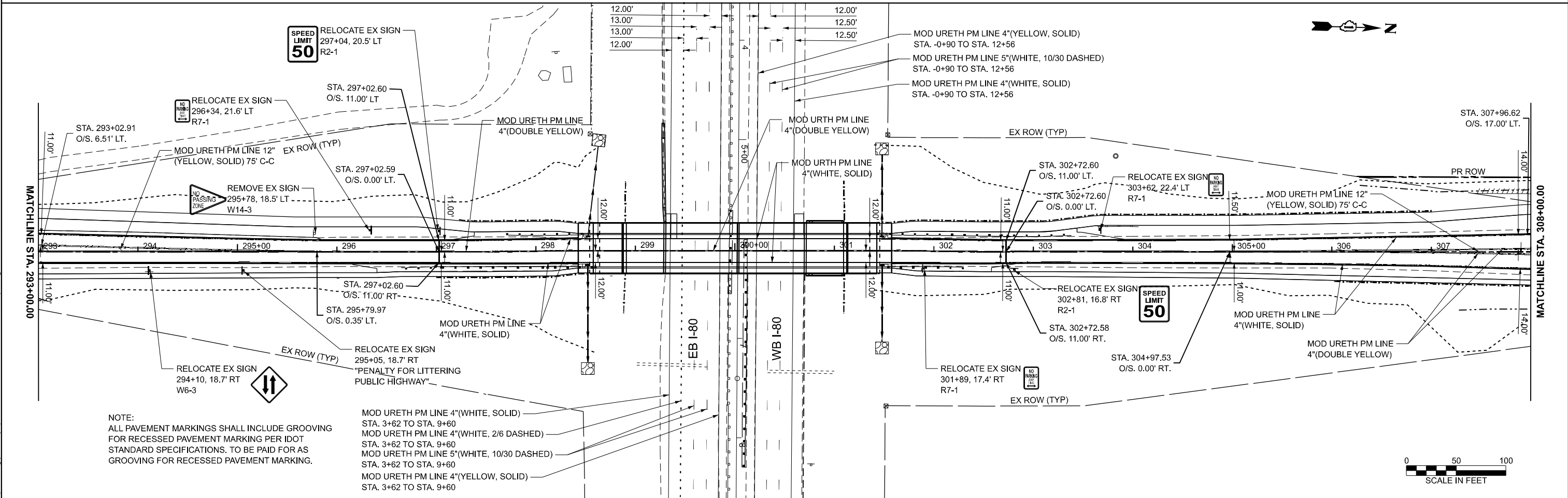
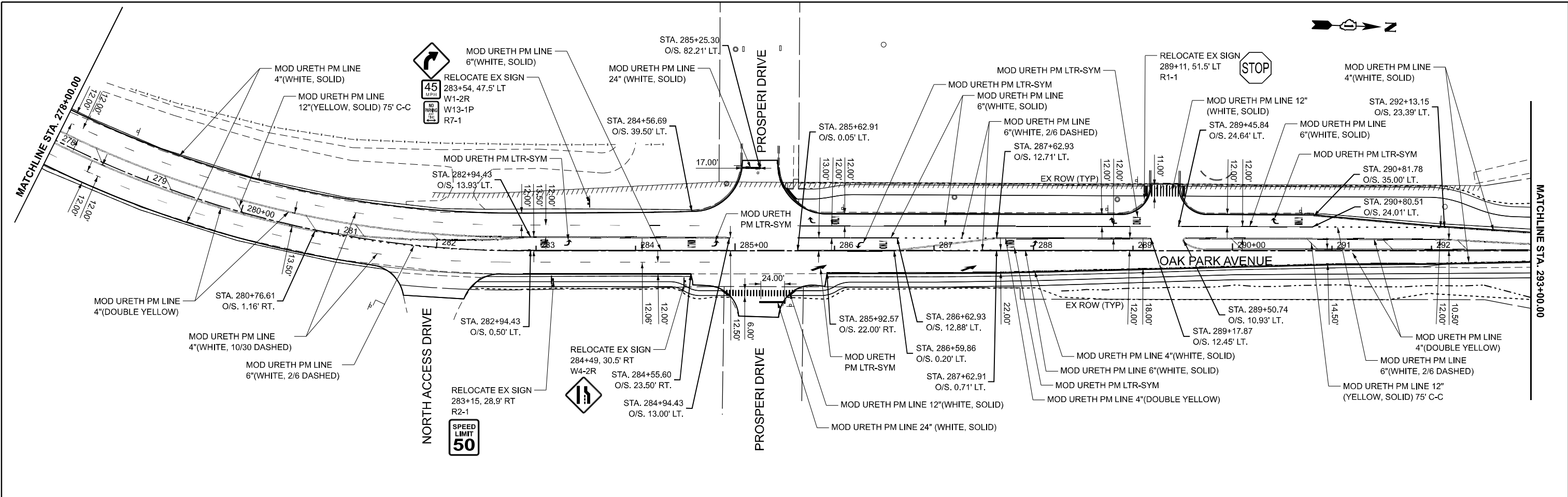
USER NAME = Inguyen	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
	CHECKED - JR	REVISED -
PLOT DATE = 1/16/2026	DATE - 05/06/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
 PAVEMENT MARKING & SIGNING**

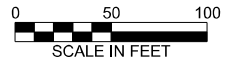
SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 248+00.00 TO STA. 278+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	63
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



NOTE:
 ALL PAVEMENT MARKINGS SHALL INCLUDE GROOVING
 FOR RECESSED PAVEMENT MARKING PER IDOT
 STANDARD SPECIFICATIONS. TO BE PAID FOR AS
 GROOVING FOR RECESSED PAVEMENT MARKING.

- MOD URETH PM LINE 4\"(WHITE, SOLID)
- STA. 3+62 TO STA. 9+60
- MOD URETH PM LINE 4\"(WHITE, 2/6 DASHED)
- STA. 3+62 TO STA. 9+60
- MOD URETH PM LINE 5\"(WHITE, 10/30 DASHED)
- STA. 3+62 TO STA. 9+60
- MOD URETH PM LINE 4\"(YELLOW, SOLID)
- STA. 3+62 TO STA. 9+60



MODEL: PR Oak Park Ave CL PMK - Plan 3 (Sheet)
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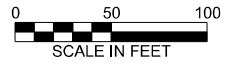
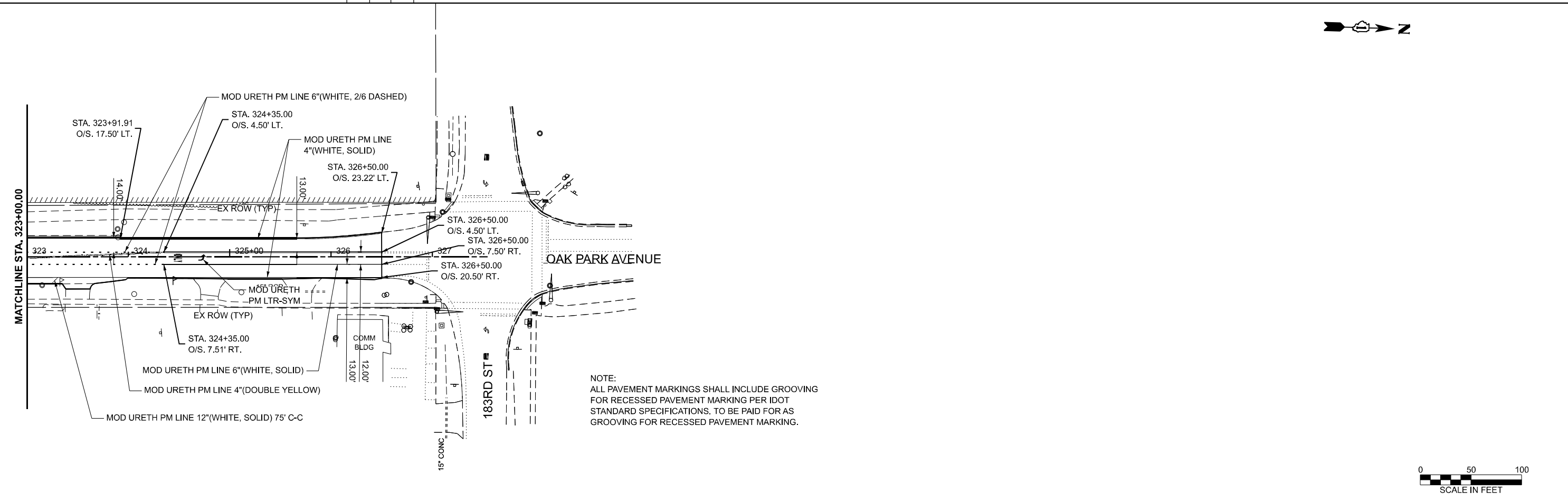
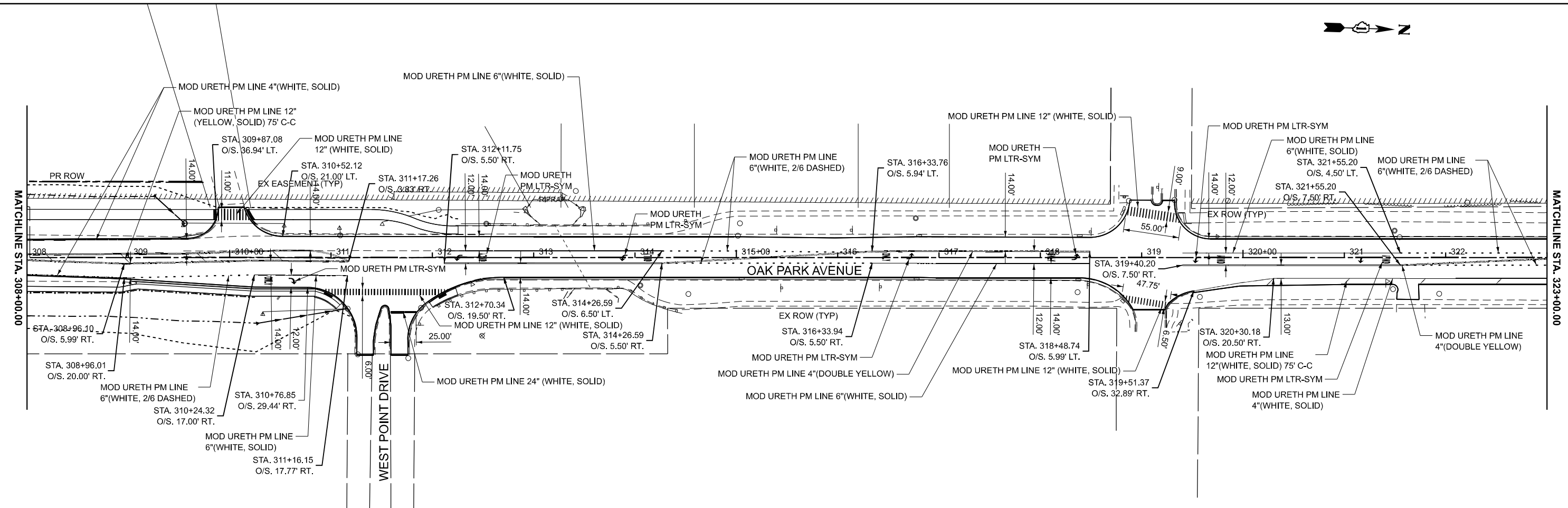
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	DRAWN - MM	REVISED -
	CHECKED - JR	REVISED -
PLOT DATE = 1/16/2026	DATE - 05/06/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
 PAVEMENT MARKING & SIGNING**

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 278+00.00 TO STA. 308+00.00

F.A.I. RTE. 80	SECTION FAI 80 23 Bridge Replacement 2	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 64
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



NOTE:
ALL PAVEMENT MARKINGS SHALL INCLUDE GROOVING
FOR RECESSED PAVEMENT MARKING PER IDOT
STANDARD SPECIFICATIONS. TO BE PAID FOR AS
GROOVING FOR RECESSED PAVEMENT MARKING.

MODEL: PR Oak Park Ave CL PMK - Plan 5 (Sheet)
FILE NAME: c:\pwworking\primera\pwworking\mathews\dms62321D1621V20-sh-pmk.dgn



USER NAME = mmathews	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
	CHECKED - JR	REVISED -
PLOT DATE = 5/4/2026	DATE - 05/06/2026	REVISED -

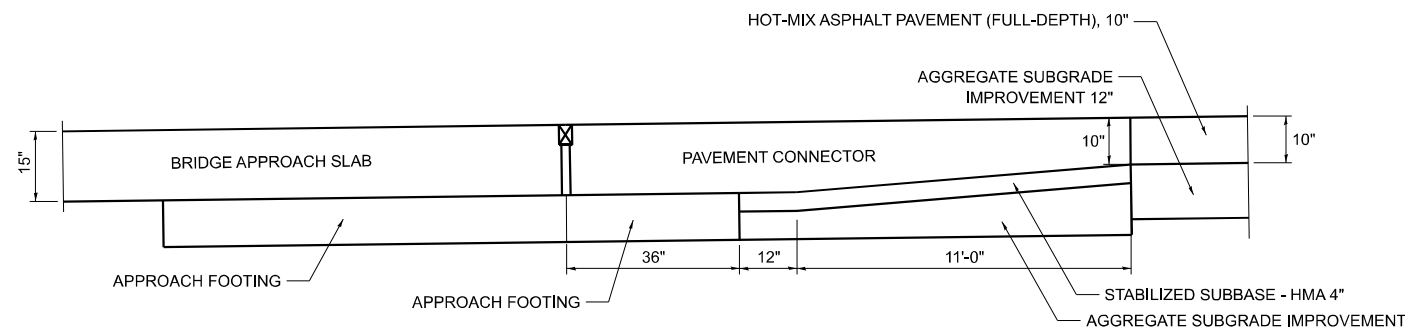
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
PAVEMENT MARKING & SIGNING**

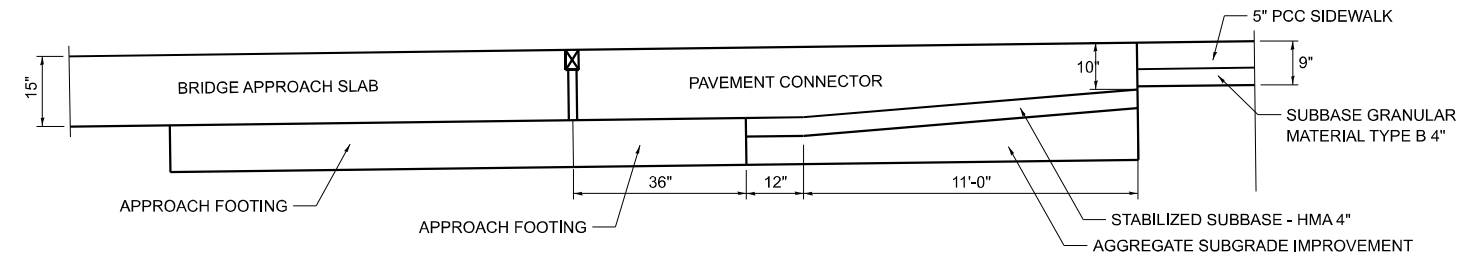
SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 308+00.00 TO STA. 338+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	65
CONTRACT NO. 62W20				

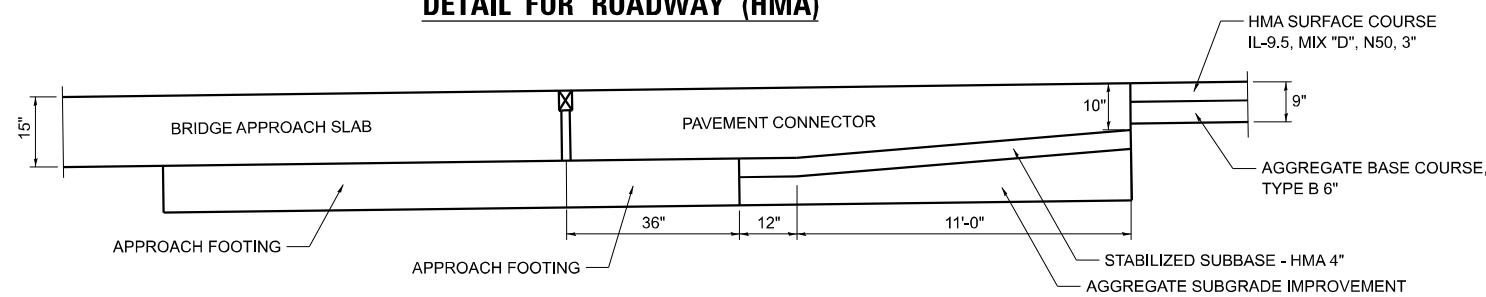
ILLINOIS FED. AID PROJECT



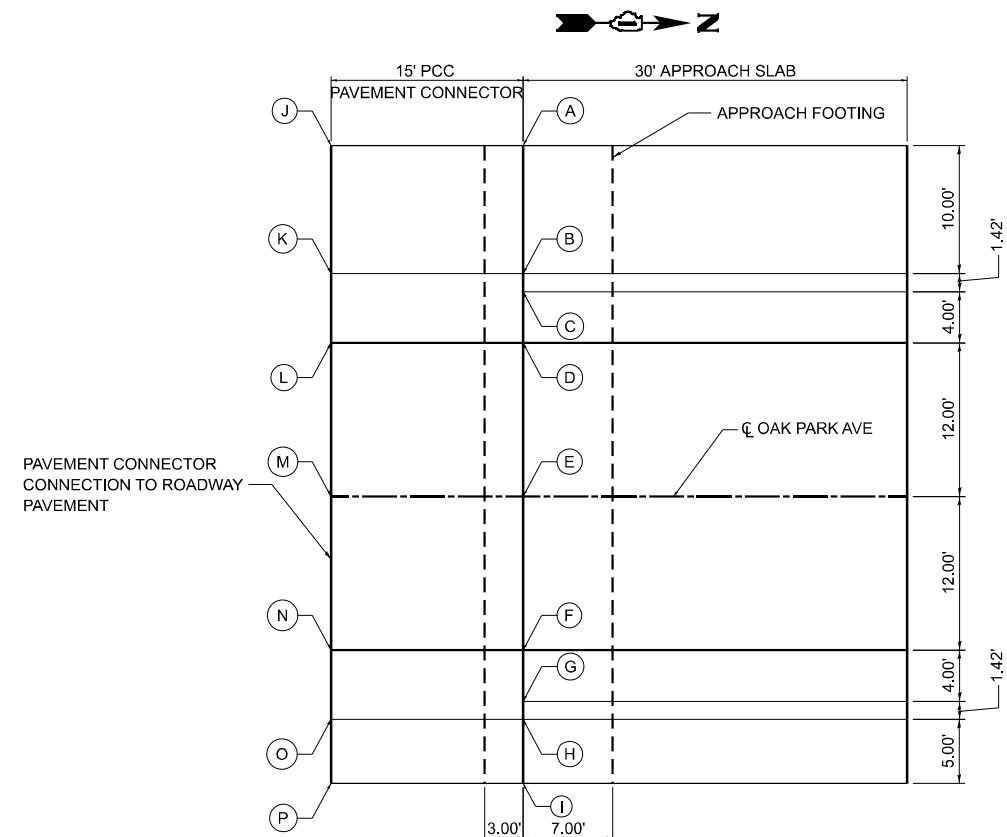
**BRIDGE APPROACH PAVEMENT CONNECTOR (SPECIAL)
 DETAIL FOR ROADWAY (HMA)**



**BRIDGE APPROACH PAVEMENT CONNECTOR (SPECIAL)
 DETAIL FOR SIDEWALK (PCC)**



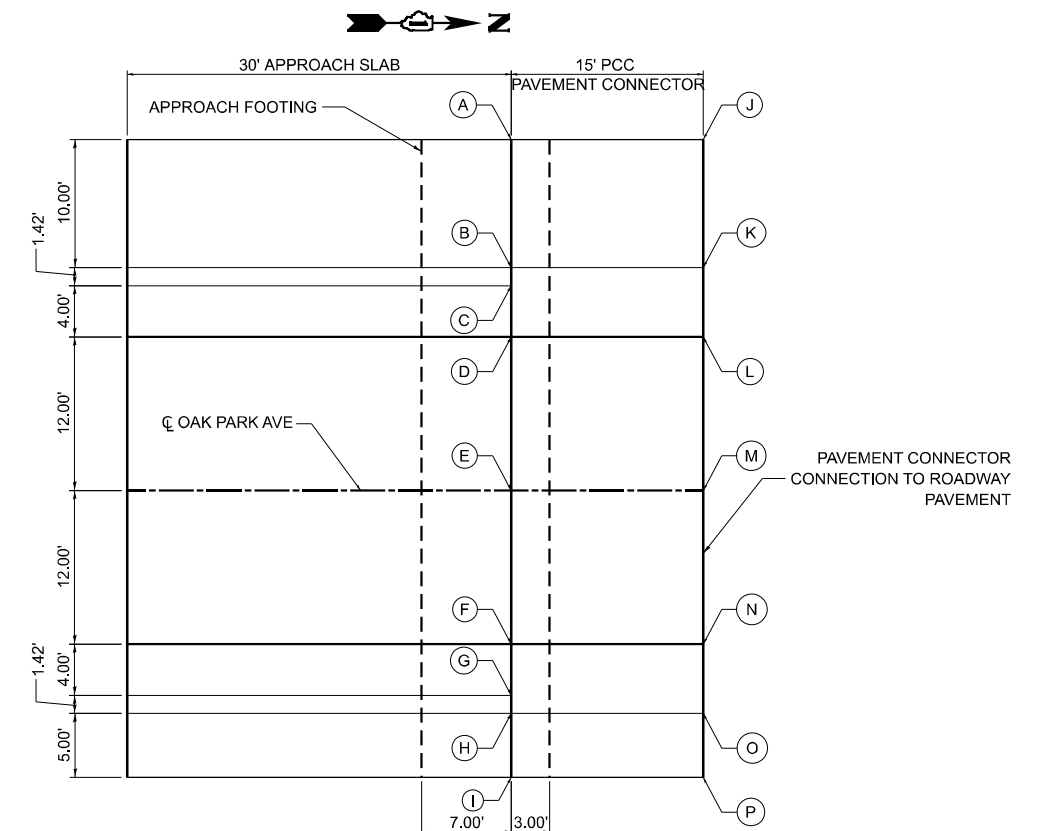
**BRIDGE APPROACH PAVEMENT CONNECTOR (SPECIAL)
 DETAIL FOR BIKE PATH (HMA)**



**SOUTH BRIDGE APPROACH PAVEMENT
 CONNECTOR (SPECIAL) DETAIL**

SOUTH PAVEMENT CONNECTOR					
POINT	DESCRIPTION	STATION	OFFSET	LT/RT	ELEVATION
A	SHARED USE PATH LT	298+57.62	27.42	LT	718.30
B	SHARED USE PATH RT	298+57.62	17.42	LT	718.47
C	EDGE OF SHOULDER LT	298+57.62	16	LT	718.50
D	EDGE OF PAVEMENT LT	298+57.62	12	LT	718.58
E	CENTERLINE	298+57.62	0	-	718.76
F	EDGE OF PAVEMENT RT	298+57.62	12	RT	718.58
G	EDGE OF SHOULDER RT	298+57.62	16	RT	718.50
H	SIDEWALK LT	298+57.62	17.42	RT	718.47
I	SIDEWALK RT	298+57.62	22.42	RT	718.39
J	SHARED USE PATH LT	298+42.90	27.49	LT	717.92
K	SHARED USE PATH RT	298+42.79	17.49	LT	718.09
L	EDGE OF PAVEMENT LT	298+42.75	12.07	LT	718.20
M	CENTERLINE	298+42.62	0.00	-	718.38
N	EDGE OF PAVEMENT RT	298+42.48	11.91	RT	718.20
O	SIDEWALK LT	298+42.44	17.34	RT	718.09
P	SIDEWALK RT	298+42.39	22.34	RT	718.01

NORTH PAVEMENT CONNECTOR					
POINT	DESCRIPTION	STATION	OFFSET	LT/RT	ELEVATION
A	SHARED USE PATH LT	301+42.53	27.42	LT	718.30
B	SHARED USE PATH RT	301+42.53	17.42	LT	718.47
C	EDGE OF SHOULDER LT	301+42.53	16	LT	718.50
D	EDGE OF PAVEMENT LT	301+42.53	12	LT	718.58
E	CENTERLINE	301+42.53	0	-	718.76
F	EDGE OF PAVEMENT RT	301+42.53	12	RT	718.58
G	EDGE OF SHOULDER RT	301+42.53	16	RT	718.50
H	SIDEWALK LT	301+42.53	17.42	RT	718.47
I	SIDEWALK RT	301+42.53	22.42	RT	718.39
J	SHARED USE PATH LT	301+57.25	27.50	LT	717.92
K	SHARED USE PATH RT	301+57.35	17.50	LT	718.09
L	EDGE OF PAVEMENT LT	301+57.40	12.08	LT	718.20
M	CENTERLINE	301+57.53	0.00	-	718.38
N	EDGE OF PAVEMENT RT	301+57.66	11.92	RT	718.20
O	SIDEWALK LT	301+57.71	17.34	RT	718.09
P	SIDEWALK RT	301+57.76	22.34	RT	718.01



**NORTH BRIDGE APPROACH PAVEMENT
 CONNECTOR (SPECIAL) DETAIL**

MODEL: PCC-1
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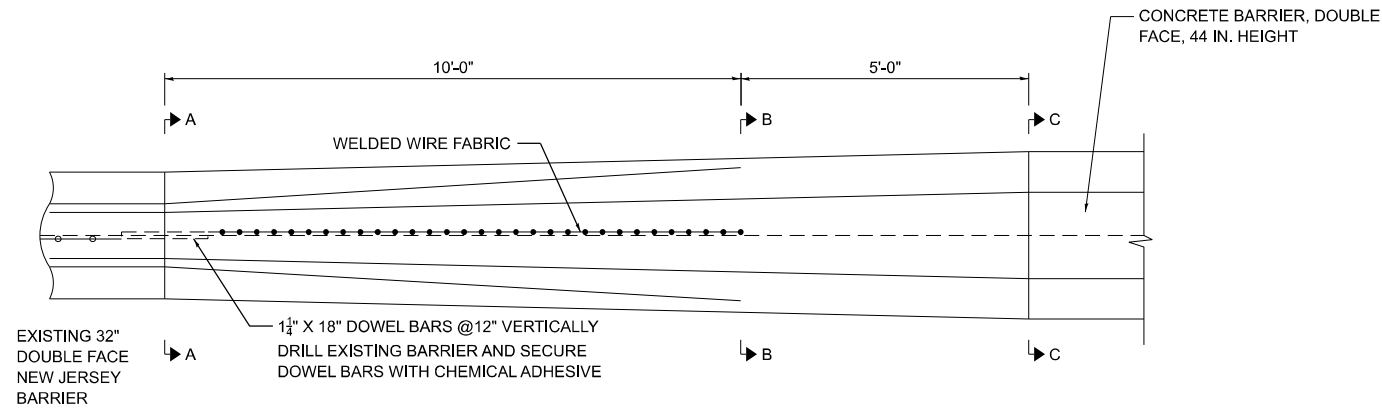
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	DRAWN - MM	REVISED -
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PLOT DATE = 2/25/2026	DATE - 05/06/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

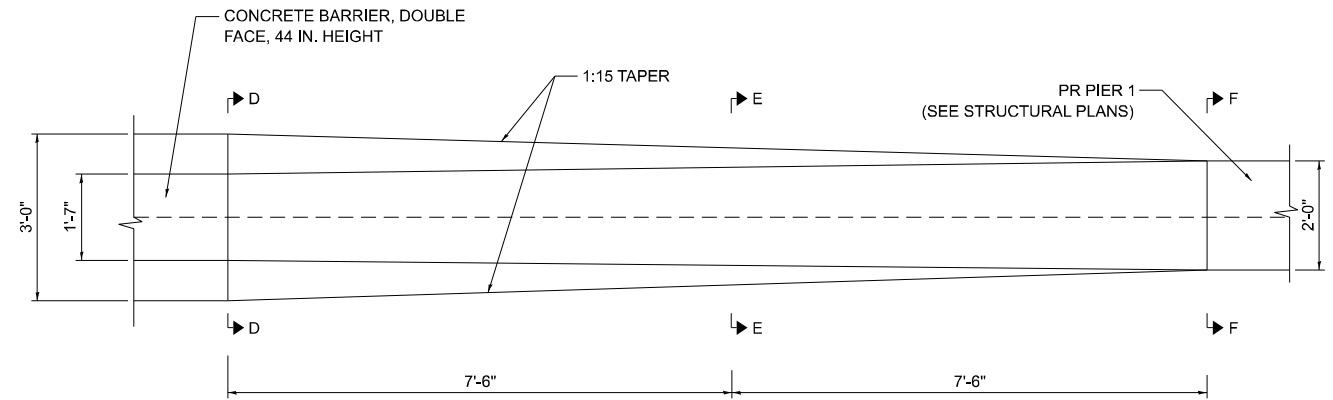
**OAK PARK AVENUE OVER I-80
 PCC CONNECTOR DETAIL**

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

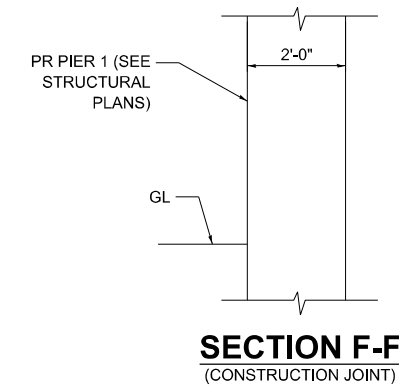
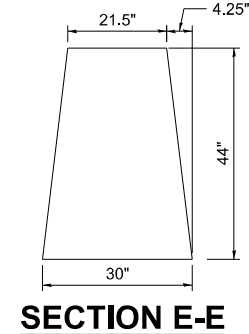
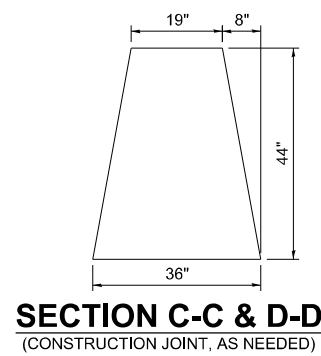
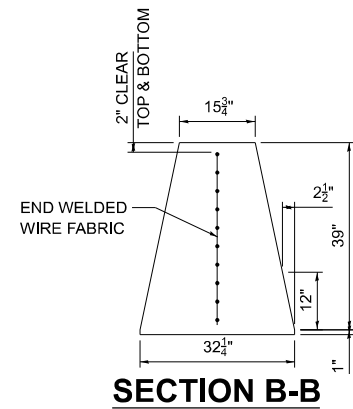
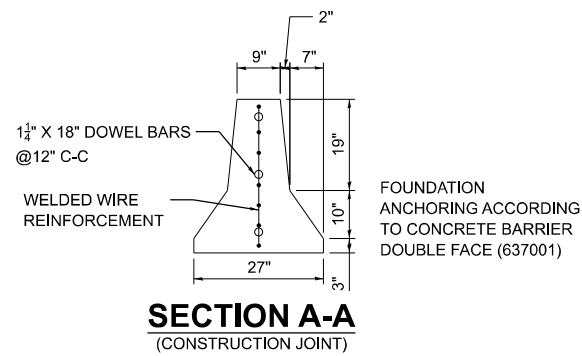
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	66
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



TRANSITION FROM 32" DOUBLE SIDE NEW JERSEY BARRIER TO CONCRETE BARRIER, DOUBLE FACE, 44 IN. HEIGHT



TRANSITION FROM CONCRETE BARRIER, DOUBLE FACE, 44 IN. HEIGHT TO PIER 1



SECTION	STATION
A-A	4+84.25
B-B	4+94.25
C-C	4+99.25
D-D	5+69.25
E-E	5+76.75
F-F	5+84.25

BARRIER TRANSITION STATIONS

- NOTES:
- EXACT LOCATIONS OF BARRIER AND BARRIER TRANSITIONS TO BE DETERMINED BY THE ENGINEER IN THE FIELD
 - FOLLOW IDOT STANDARD DETAIL 637006-05 FOR CONCRETE BARRIER BASE INSTALLATION

MODEL: barrier
FILE NAME: c:\pwworking\primera\pwworking\mathews\dms6232\1621\20-sh-hBarrierTransition.dgn
500 W. JACKSON BLVD. SUITE 610 CHICAGO IL 60641 P.312-886-8110 F.312-886-4415



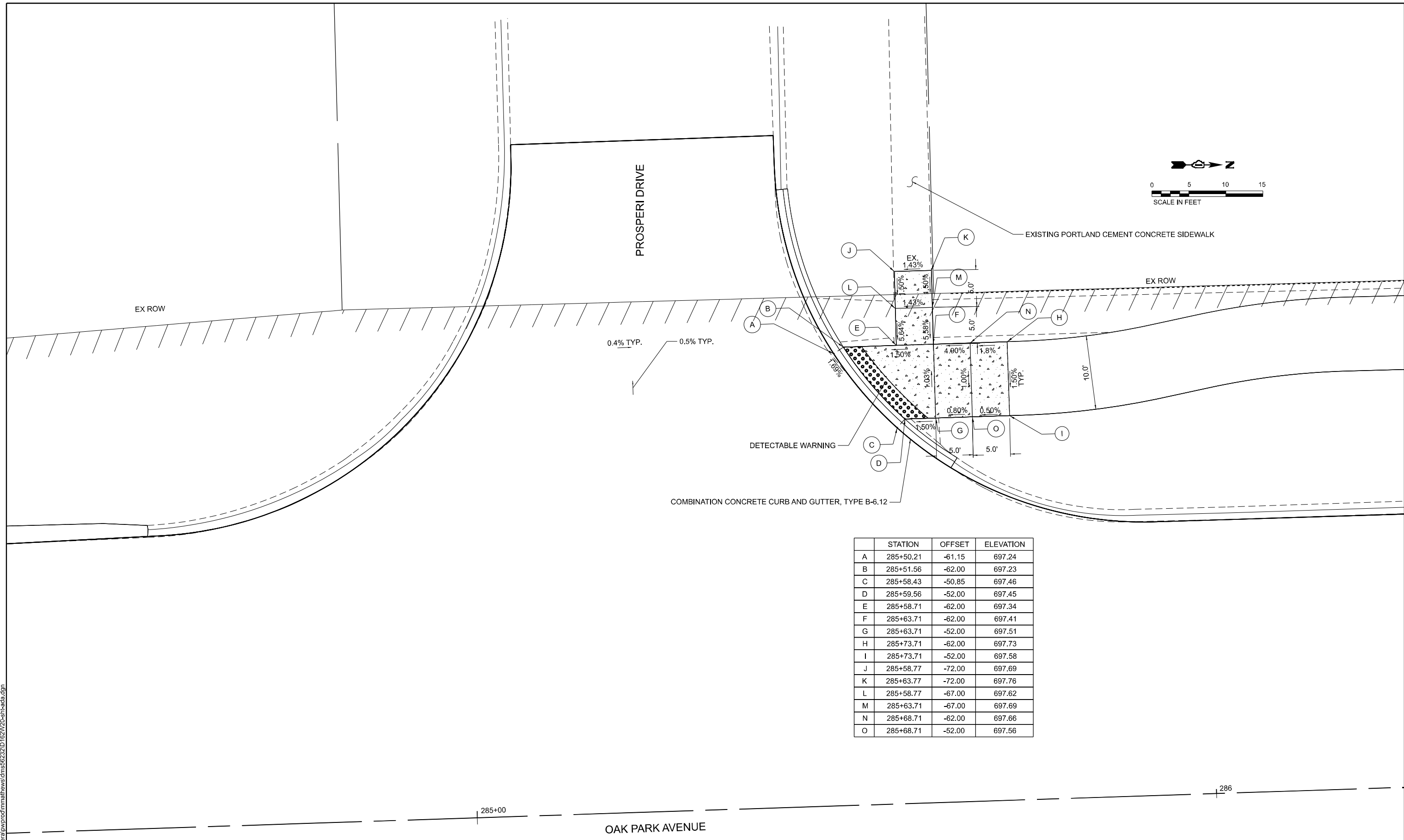
USER NAME = mmathews	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
	CHECKED - JR	REVISED -
PLOT DATE = 5/4/2026	DATE - 05/06/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
BARRIER TRANSITION DETAILS**

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	67
			CONTRACT NO. 62W20	
		ILLINOIS	FED. AID PROJECT	



	STATION	OFFSET	ELEVATION
A	285+50.21	-61.15	697.24
B	285+51.56	-62.00	697.23
C	285+58.43	-50.85	697.46
D	285+59.56	-52.00	697.45
E	285+58.71	-62.00	697.34
F	285+63.71	-62.00	697.41
G	285+63.71	-52.00	697.51
H	285+73.71	-62.00	697.73
I	285+73.71	-52.00	697.58
J	285+58.77	-72.00	697.69
K	285+63.77	-72.00	697.76
L	285+58.77	-67.00	697.62
M	285+63.71	-67.00	697.69
N	285+68.71	-62.00	697.66
O	285+68.71	-52.00	697.56

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USER NAME = Inguyen	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
	CHECKED - JR	REVISED -
PLOT DATE = 2/25/2026	DATE - 03/06/2026	REVISED -

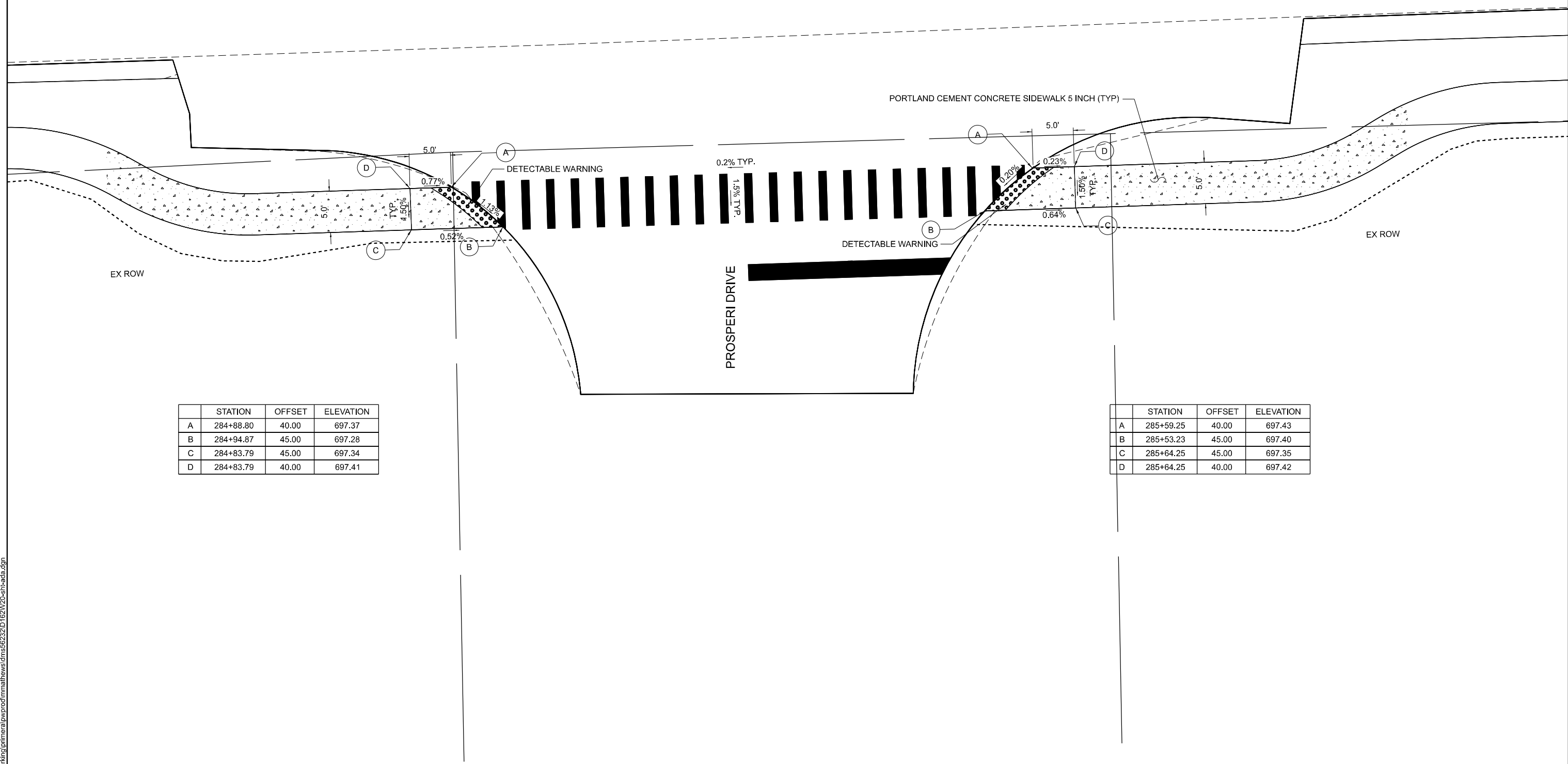
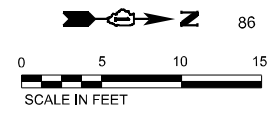
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
ADA RAMP DETAILS

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	68
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

OAK PARK AVENUE



	STATION	OFFSET	ELEVATION
A	284+88.80	40.00	697.37
B	284+94.87	45.00	697.28
C	284+83.79	45.00	697.34
D	284+83.79	40.00	697.41

	STATION	OFFSET	ELEVATION
A	285+59.25	40.00	697.43
B	285+53.23	45.00	697.40
C	285+64.25	45.00	697.35
D	285+64.25	40.00	697.42

MODEL: ADA-1 (Sheet)
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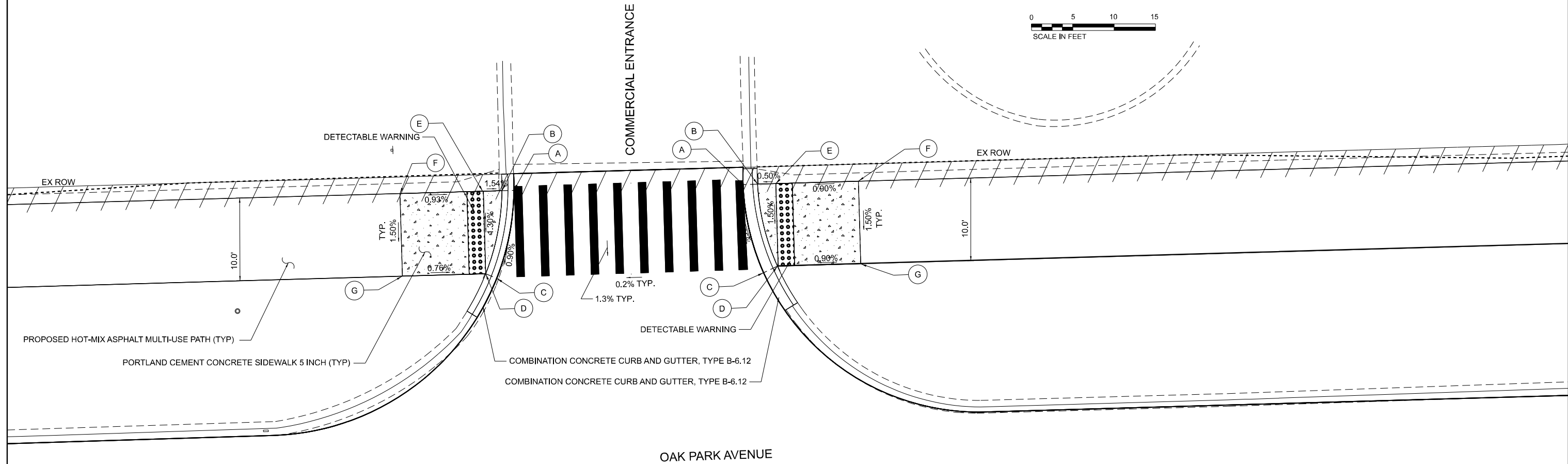
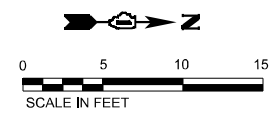
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CHECKED -	JR	REVISIONS			
DATE -	03/06/2026	REVISIONS			
PLOT DATE =	5/4/2026				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
ADA RAMP DETAILS

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	69
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



OAK PARK AVENUE

	STATION	OFFSET	ELEVATION
A	289+18.22	-65.16	698.06
B	289+16.78	-65.18	698.05
C	289+15.78	-54.60	697.96
D	289+14.47	-55.19	697.95
E	289+14.43	-65.19	698.08
F	289+04.42	-65.23	698.17
G	289+04.38	-55.23	698.02

	STATION	OFFSET	ELEVATION
A	289+45.98	-64.95	698.17
B	289+47.72	-64.95	698.16
C	289+48.09	-54.24	698.03
D	289+49.80	-54.94	698.02
E	289+49.92	-64.94	698.17
F	289+59.92	-64.90	698.26
G	289+59.88	-54.90	698.11

289

290+00

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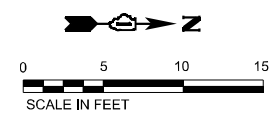
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PLOT DATE = 5/4/2026	DATE - 03/06/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
ADA RAMP DETAILS

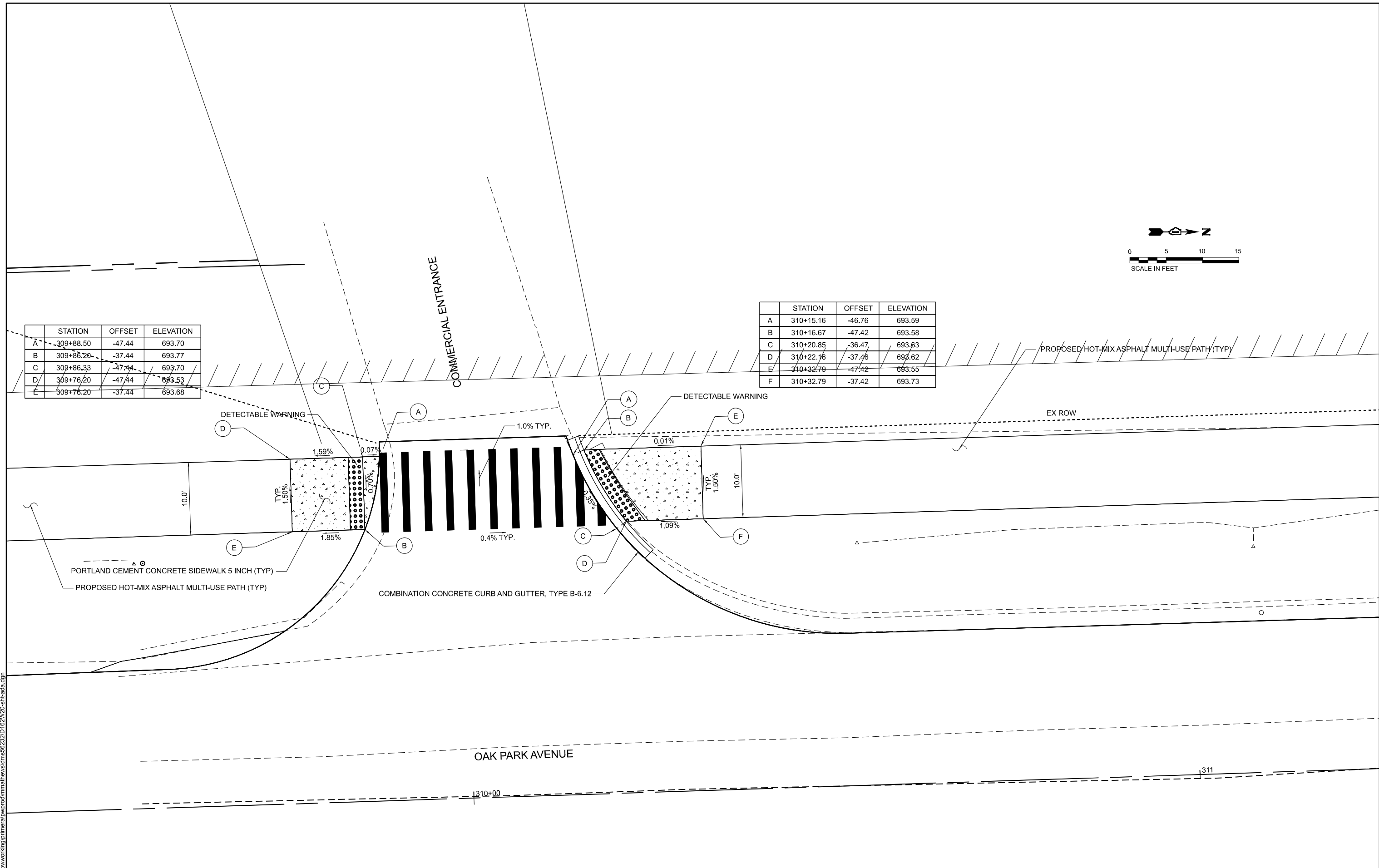
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	70
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEVATION
A	309+88.50	-47.44	693.70
B	309+88.20	-37.44	693.77
C	309+86.33	-47.44	693.70
D	309+76.20	-47.44	693.53
E	309+76.20	-37.44	693.68

	STATION	OFFSET	ELEVATION
A	310+15.16	-46.76	693.59
B	310+16.67	-47.42	693.58
C	310+20.85	-36.47	693.63
D	310+22.16	-37.46	693.62
E	310+32.79	-47.42	693.55
F	310+32.79	-37.42	693.73



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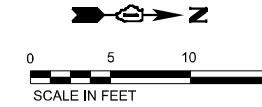
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
ADA RAMP DETAILS

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	71
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

OAK PARK AVENUE



COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

DETECTABLE WARNING

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

EXISTING PORTLAND CEMENT CONCRETE SIDEWALK

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (TYP)

WEST POINT DRIVE

	STATION	OFFSET	ELEVATION
A	311+11.39	44.09	693.38
B	311+10.29	45.17	693.40
C	311+02.37	36.86	693.30
D	311+01.53	38.10	693.29
E	310+94.43	32.86	693.34
F	310+93.66	34.00	693.33
G	310+81.19	29.67	693.48
H	310+81.23	31.12	693.80
I	310+81.33	38.08	693.91
J	310+90.95	40.46	693.45
K	310+97.60	43.91	693.38
L	311+05.33	50.11	693.51
M	310+71.19	38.08	693.73
N	310+71.19	29.39	693.62
O	310+71.19	31.08	693.49

	STATION	OFFSET	ELEVATION
A	311+96.27	42.88	693.74
B	311+97.07	44.24	694.03
C	312+05.19	37.19	694.42
D	312+05.96	38.56	694.41
E	312+12.12	33.39	694.56
F	312+12.84	34.81	694.54
G	312+22.61	28.66	694.52
H	312+23.07	30.19	695.03
I	312+25.02	36.67	695.11
J	312+15.61	40.42	694.63
K	312+08.94	43.66	694.51
L	312+00.29	48.67	694.09
M	311+92.55	55.11	693.94
N	311+86.04	50.48	693.35
O	311+88.90	51.85	693.88
P	312+34.52	33.82	695.28
Q	312+31.87	25.35	694.68
R	312+32.29	26.66	695.03

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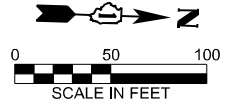
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

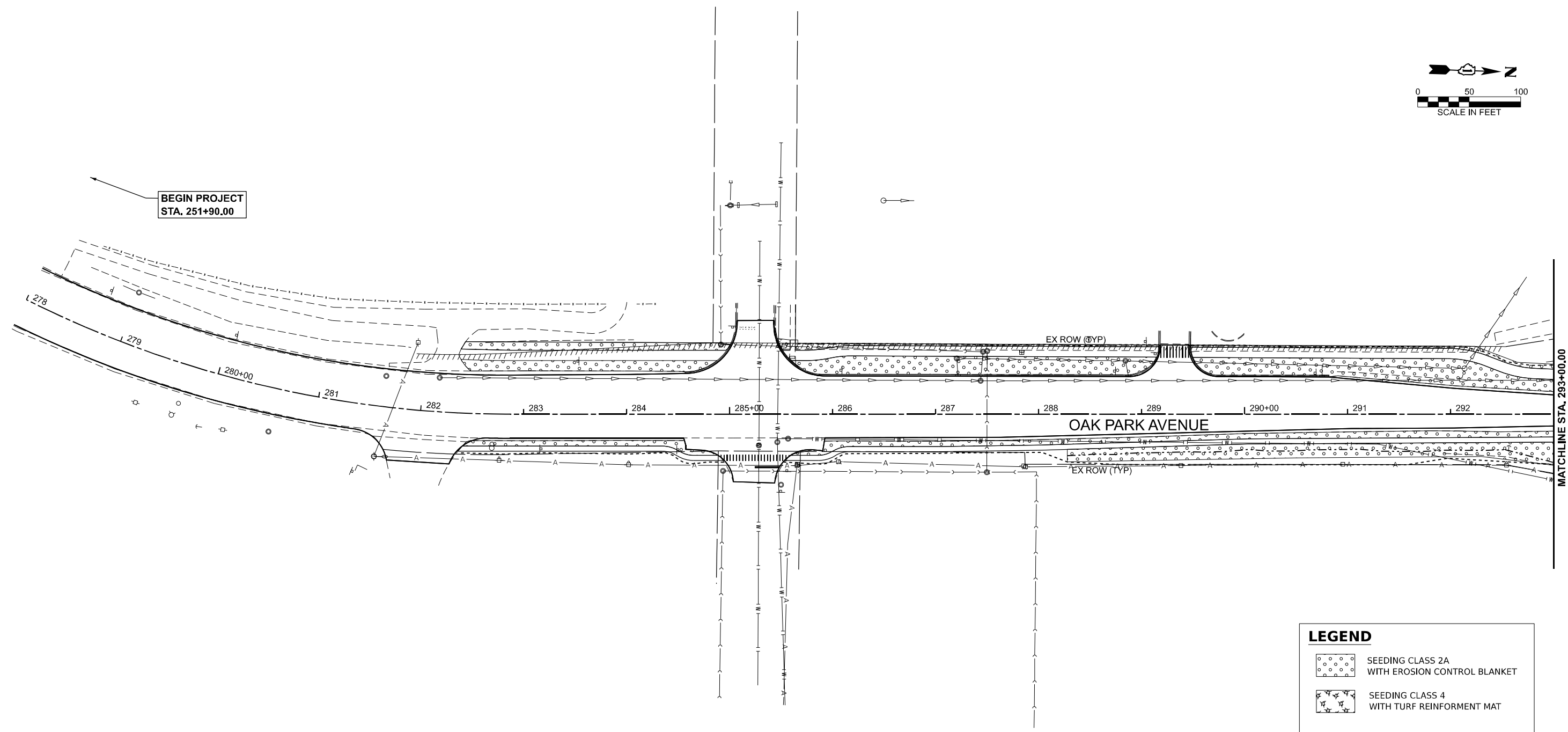
OAK PARK AVENUE OVER I-80
ADA RAMP DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	72
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



BEGIN PROJECT
STA. 251+90.00



MATCHLINE STA. 293+00.00

LEGEND

	SEEDING CLASS 2A WITH EROSION CONTROL BLANKET
	SEEDING CLASS 4 WITH TURF REINFORMENT MAT

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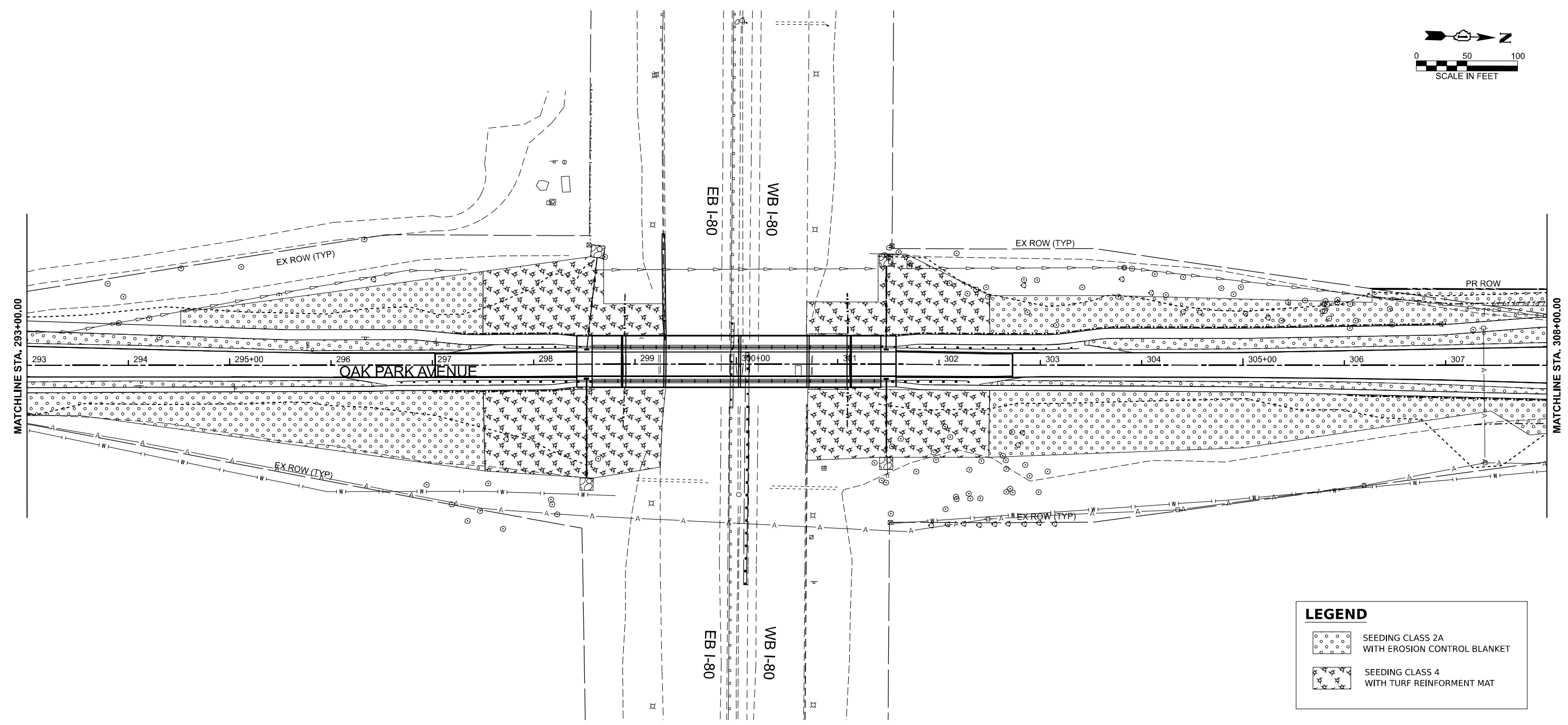
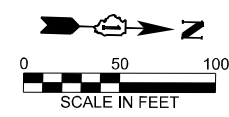
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
LANDSCAPING PLAN**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 278+00.00 TO STA. 293+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	73
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



LEGEND	
	SEEDING CLASS 2A WITH EROSION CONTROL BLANKET
	SEEDING CLASS 4 WITH TURF REINFORCEMENT MAT

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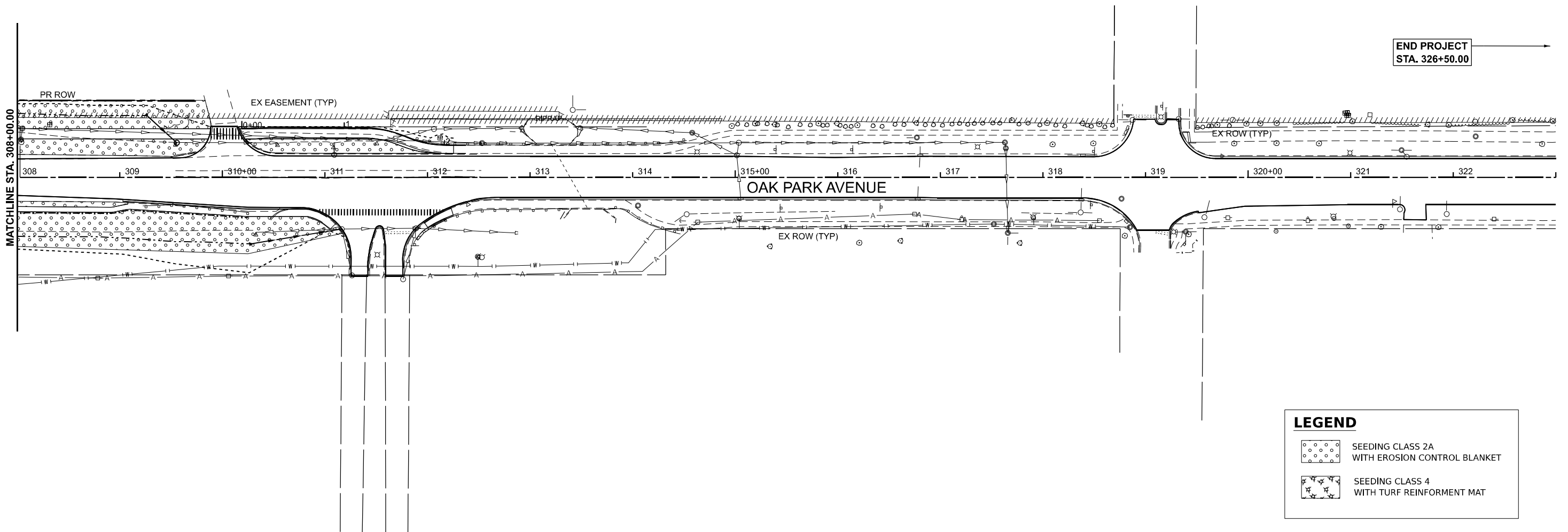
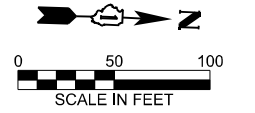
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PLOT DATE =	5/5/2026	DATE -	05/06/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
LANDSCAPING PLAN

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 293+00.00 TO STA. 308+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	74
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



LEGEND	
	SEEDING CLASS 2A WITH EROSION CONTROL BLANKET
	SEEDING CLASS 4 WITH TURF REINFORCEMENT MAT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE OVER I-80
LANDSCAPING PLAN

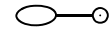
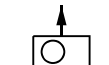
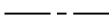




SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 308+00.00 TO STA. 323+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	75
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

GENERAL LIGHTING NOTES

1. EXISTING UNDERPASS LUMINAIRES SHALL BE REMOVED FROM NIGHTTIME OPERATION WITH NO TEMPORARY LIGHTING REQUIRED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE OPERATION OF LIGHTING SYSTEMS ADJACENT TO THE WORK, WHICH MAY BE IMPACTED BY THE WORK. THE CONTRACTOR WILL ASSUME CONTINUED RESPONSIBILITY UNTIL IDOT HAS TAKEN ACCEPTANCE OF THE SYSTEM. AT NO TIME SHALL THE CONVENTIONAL POLE LUMINAIRES BE LEFT UNLIT.




LEGEND

-  EXISTING LIGHT POLE, ARM AND LUMINAIRE TO REMAIN.
-  PROPOSED LED UNDERPASS LUMINAIRE. SUSPENDED MOUNTED UNDER BRIDGE, LUMINAIRE OUTPUT DESIGNATION D.
-  PROPOSED UNIT DUCT, SIZE AS INDICATED ON PLANS.
-  PROPOSED CABLE IN CONDUIT, SIZE AND TYPE AS NOTED.
-  PROPOSED JUNCTION BOX, 6" X 6" X 4".
-  PROPOSED JUNCTION BOX, 12" X 12" X 6".
-  PROPOSED JUNCTION BOX, 20" X 20" X 8".

IDOT DISTRICT 1 STANDARDS

- BE-702 MISC. ELECTRICAL DETAILS SHEET A
- BE-901 SUSPENDED MOUNT LED UNDERPASS LUMINAIRE INSTALLATION DETAILS

CABLE/CONDUIT SCHEDULE

-  UNIT DUCT, 600V, 3-1/C NO.2 AND 1/C NO.4, GND 1 1/2" DIA.
-  3-1/C NO.10 AND 1/C NO.10, GND IN 1" PVCC RGC.
-  2-1/C NO. 10 & 1/C NO. 10 GND IN 3/4" LIQUID TIGHT FLEXIBLE CONDUIT.

INDEX OF SHEETS

- LT-01 GENERAL NOTES, LEGEND, SCHEDULES AND INDEX OF SHEETS
- LT-02 LIGHTING PLAN
- LT-03 PROPOSED WIRING DIAGRAM
- LT-04 & LT-05 LIGHTING DETAILS BE-702 & BE-901

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				62W20	
				LIGHTING	
				0021	
				URBAN	
81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	440		440
81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	30		30
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	4		4
81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	2		2
81300915	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 20" X 20" X 8"	EACH	2		2
81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA.	FOOT	260		260
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1030		1030
82110026	LUMINAIRE, LED, UNDERPASS, SUSPENDED, OUTPUT DESIGNATION D	EACH	4		4
X8000003	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12		12
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	8		8

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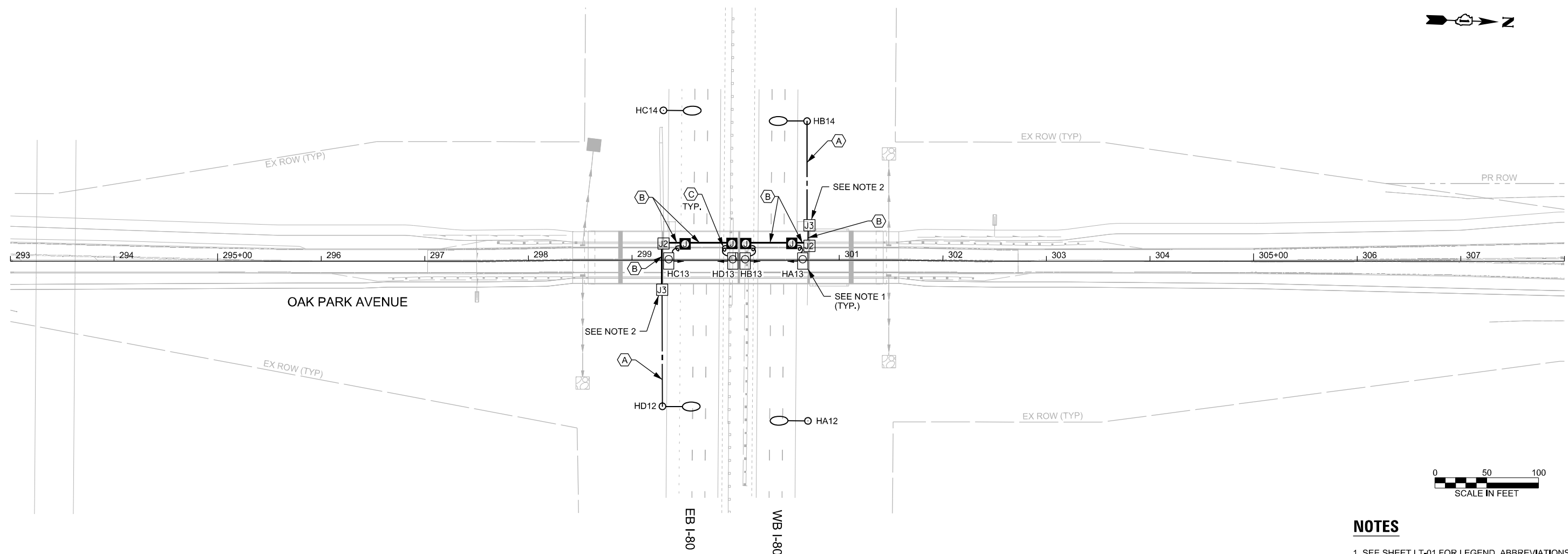
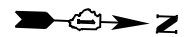
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
LIGHTING PLAN**

SCALE: NONE SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	75A
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

LT-01



NOTES

1. SEE SHEET LT-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. INSTALL FUSEHOLDER WITH 30 AMP FUSES & NEUTRAL SLUG INSIDE THE JUNCTION BOX.
3. UNDERPASS LUMINAIRES SETBACK SHOULD BE 10 FT FROM EDGE OF TRAVELED PAVEMENT. MOUNTING HEIGHT IS 16'-3" AND NO LESS THAN BOTTOM OF GIRDER.

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CHECKED	JDM	REVISIONS		REVISED	-
PLOT DATE	6/19/2026	DATE	6/19/2026	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





**OAK PARK AVENUE OVER I-80
LIGHTING PLAN**

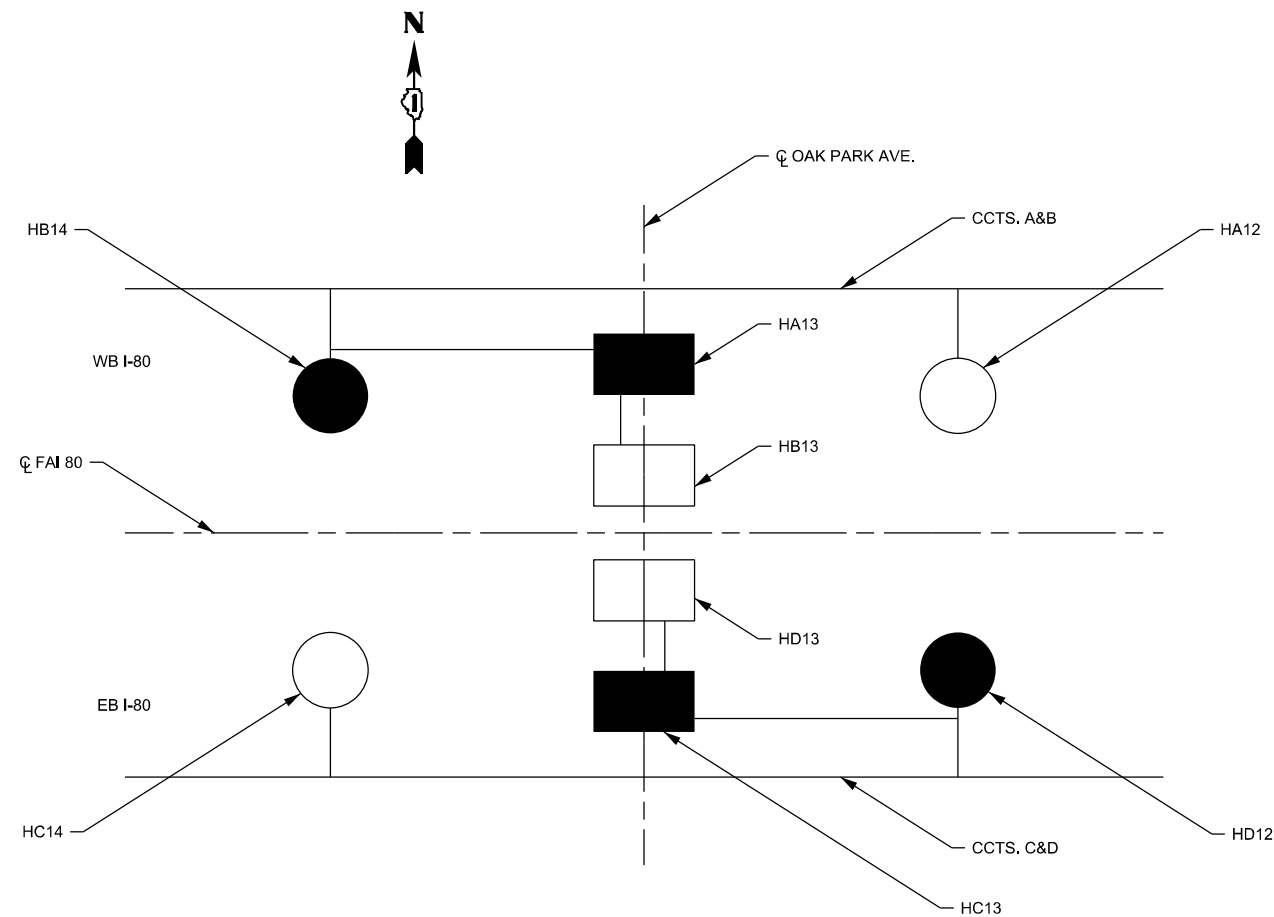
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	75B
				CONTRACT NO. 62W20
ILLINOIS FED. AID PROJECT				

LT-02

LEGEND

-  EXISTING ROADWAY LUMINAIRE, RED PHASE WIRE.
-  PROPOSED LED UNDERPASS LUMINAIRE, RED PHASE WIRE.
-  EXISTING ROADWAY LUMINAIRE, BLACK PHASE WIRE.
-  PROPOSED LED UNDERPASS LUMINAIRE, BLACK PHASE WIRE.



PROPOSED WIRING DIAGRAM

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USER NAME	blain	DESIGNED	DG	REVISED	-
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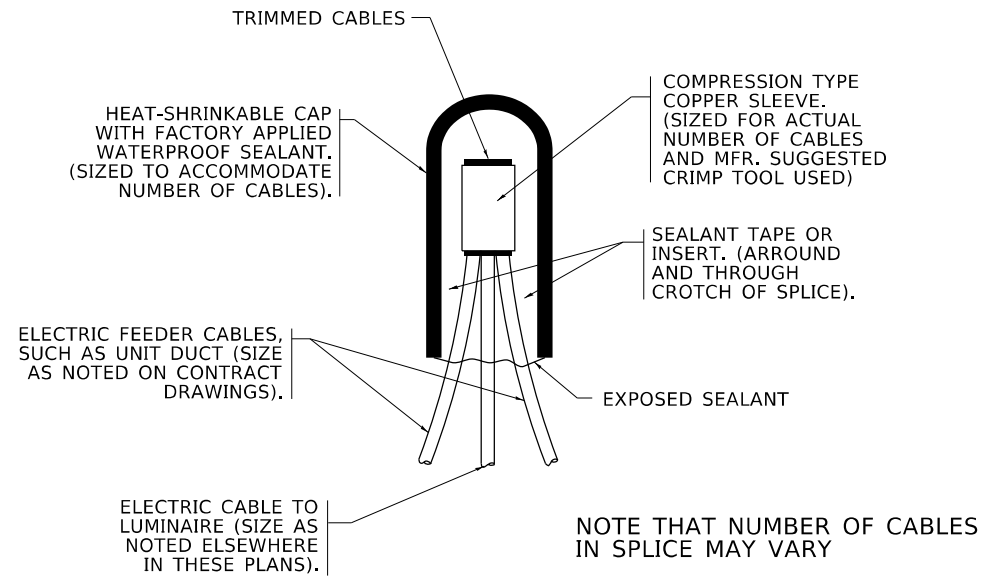
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE OVER I-80
PROPOSED WIRING DIAGRAM**

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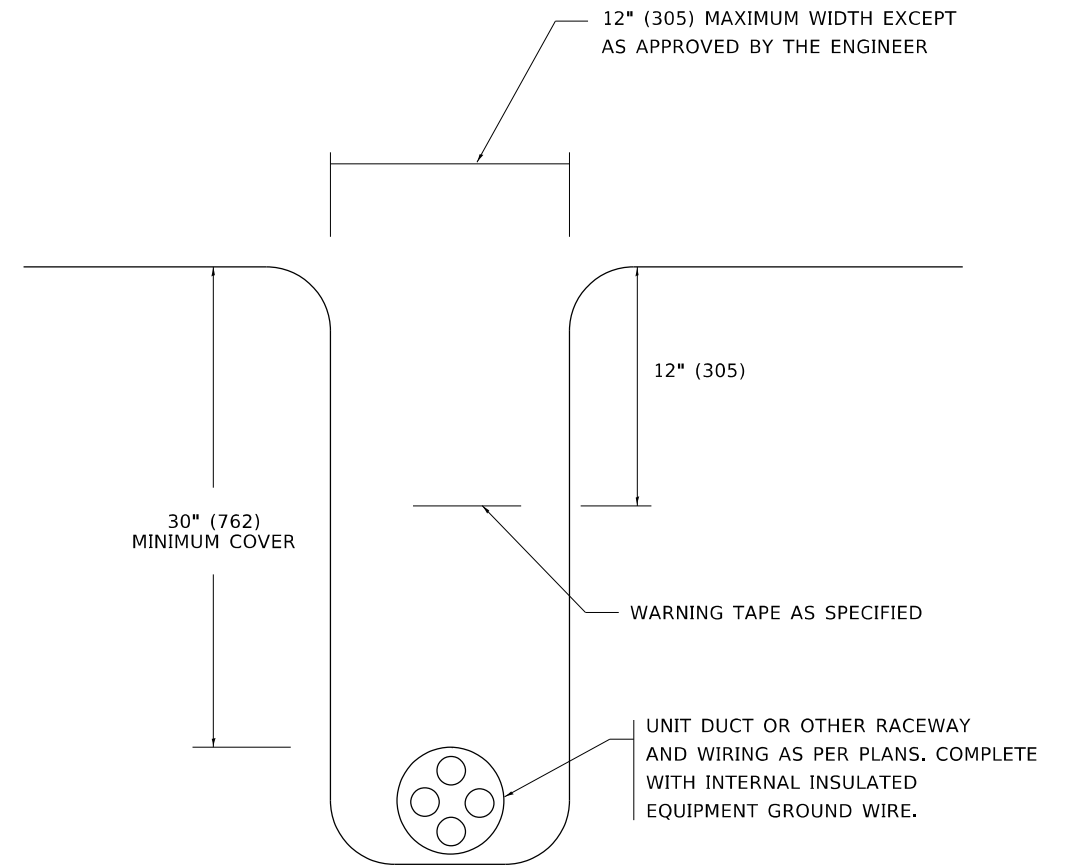
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80	FAI 80 23 Bridge Replacement 2	COOK	158	75C
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

LT-03

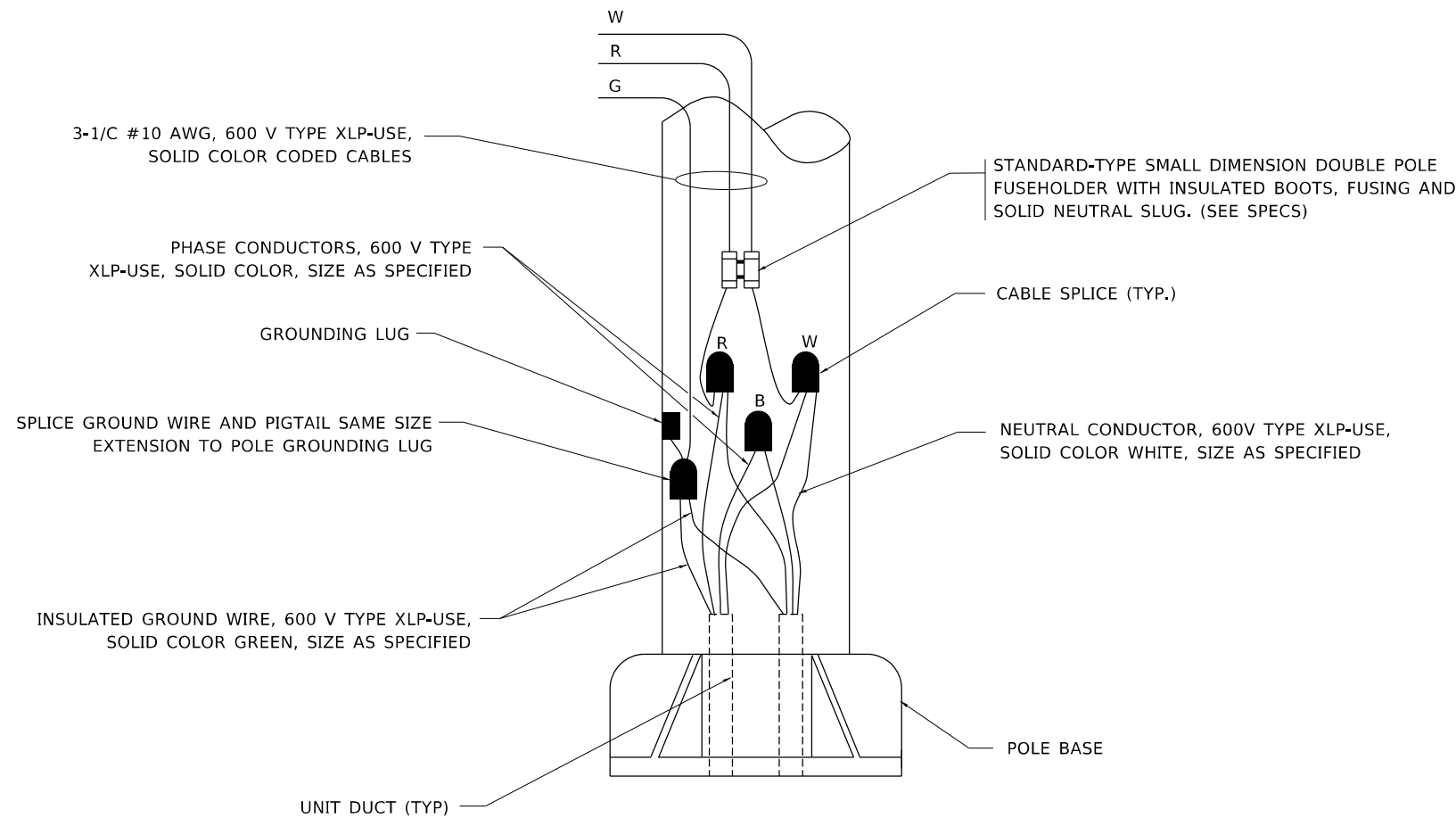


TYPICAL SPLICE DETAIL
N.T.S.

NOTE THAT NUMBER OF CABLES IN SPLICE MAY VARY



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.

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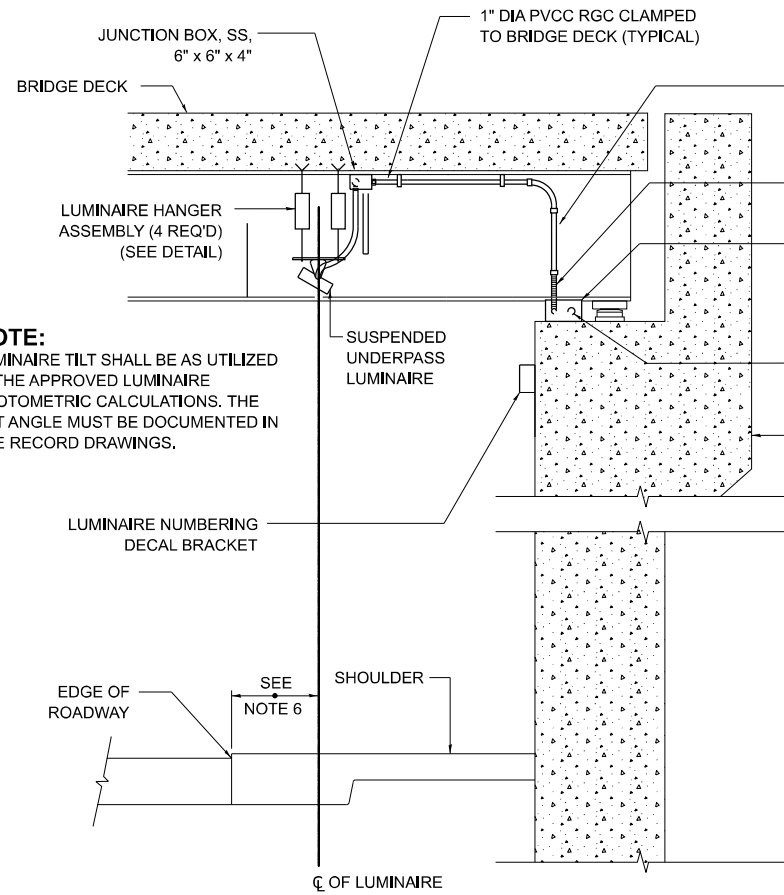
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISC. ELECTRICAL DETAILS			
SHEET A			
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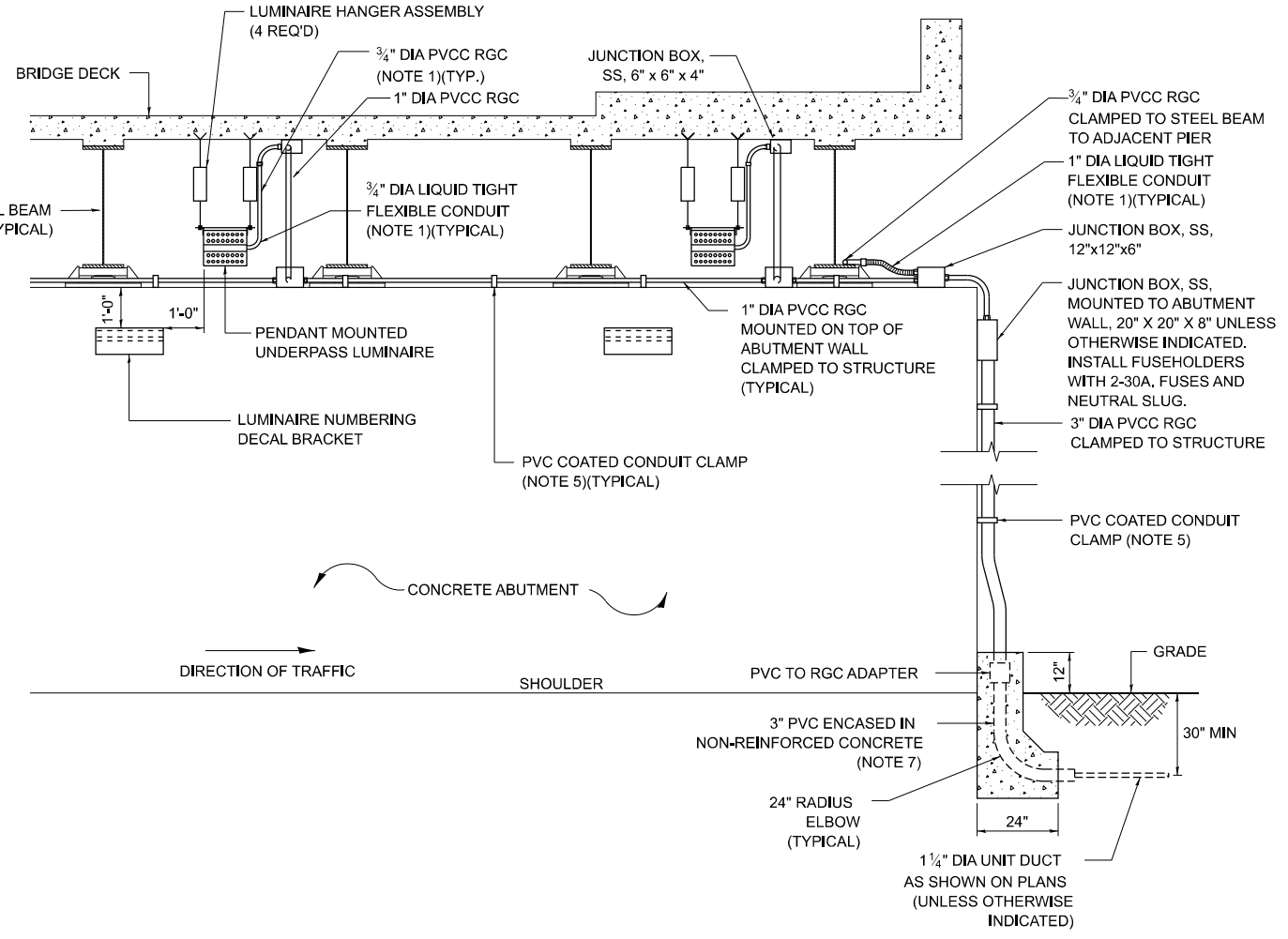
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BE-702		CONTRACT NO. 62W20		
ILLINOIS FED. AID PROJECT				

LT-04

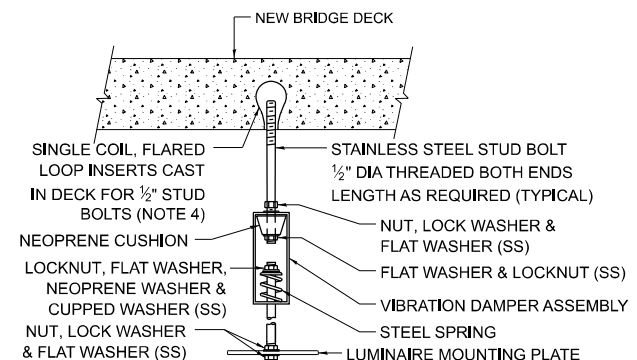
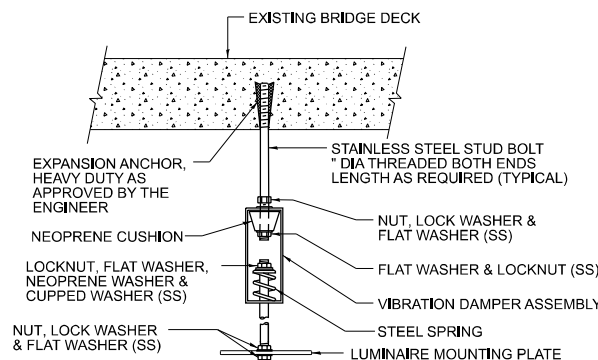


NOTE:
LUMINAIRE TILT SHALL BE AS UTILIZED IN THE APPROVED LUMINAIRE PHOTOMETRIC CALCULATIONS. THE TILT ANGLE MUST BE DOCUMENTED IN THE RECORD DRAWINGS.

1" DIA PVCC RGC CLAMPED TO STRUCTURE TO ADJACENT JUNCTION BOX
1" DIA LIQUID TIGHT FLEXIBLE CONDUIT (NOTE 1)(TYPICAL)
JUNCTION BOX, SS, 12" X 12" X 6"
1" DIA PVCC RGC CLAMPED TO STRUCTURE TO ADJACENT JUNCTION BOX
CONCRETE ABUTMENT



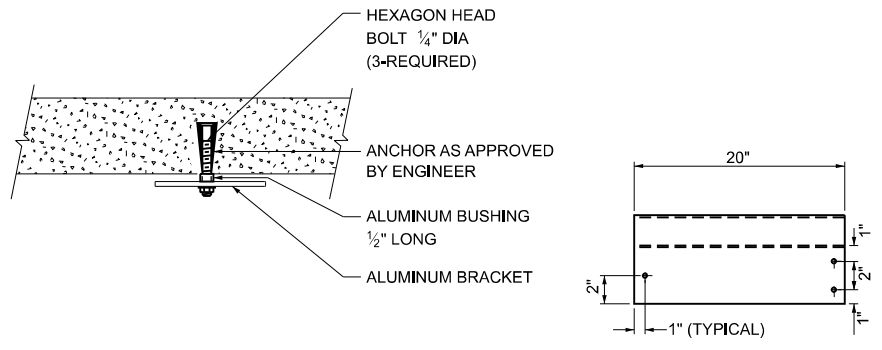
- NOTES:**
- LIQUID TIGHT FLEXIBLE METAL CONDUIT, MAXIMUM LENGTH 6'-0", TYPICAL FOR EACH INSTANCE AS SHOWN. PROVIDE PVC COATED RIGID GALVANIZED STEEL CONDUIT AS REQUIRED NOT TO EXCEED 6'-0" OF FLEXIBLE LIQUID TIGHT METAL CONDUIT. LIQUID TIGHT FLEXIBLE METAL CONDUIT WILL BE INCLUDED IN THE COST OF THE CONDUIT ATTACHED TO STRUCTURE, OF THE CORRESPONDING DIA., GALVANIZED STEEL, PVC COATED PAY ITEM EXCEPT THAT " DIA. CONDUIT AND " DIA. FLEXIBLE CONDUIT SHALL BE INCLUDED IN THE COST OF UNDERPASS LUMINAIRE INSTALLATION.
 - SEE UNDERPASS LIGHTING PLANS FOR INSTALLATION LOCATION OF UNDERPASS LIGHTING LUMINAIRES.
 - THE CONTRACTOR SHALL USE APPROVED SINGLE COIL FLARED LOOP INSERTS WHEN SUSPENDED MOUNTING AN UNDERPASS LUMINAIRE TO A NEW BRIDGE DECK. THE FLARED LOOP INSERTS MUST BE CAST INTO THE CONCRETE DECK. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND COORDINATING THE INSERT LOCATIONS FOR MOUNTING THE UNDERPASS LIGHTING SYSTEM AS SHOWN ON THE PLANS WITH THE BRIDGE DECK CONTRACTOR. SEE DETAIL.
 - THE UNDERPASS LUMINAIRE HANGER ASSEMBLY COMPLETE WITH HEAVY DUTY ANCHORS/INSERTS AND ALL APPLICABLE HARDWARE SHALL BE INCLUDED IN THE COST OF THE UNDERPASS LUMINAIRE PAY ITEM.
 - SECURE THE CONDUIT WITH PVC COATED CONDUIT CLAMPS OR CONDUIT BEAM CLAMPS AS SHOWN AT 5'-0" INTERVALS FOR LATERALS AND WITHIN 2'-0" MAXIMUM FROM ANY JUNCTION BOX, FLEXIBLE CONDUIT, OR CHANGE IN DIRECTION. ALL PVC COATED CONDUIT CLAMPS OR BEAM CLAMPS SHALL BE INCLUDED WITH THE COST OF THE "CONDUIT ATTACHED TO STRUCTURE, OF THE CORRESPONDING DIA., GALVANIZED STEEL, PVC COATED" PAY ITEM.
 - ALL UNDERPASS LUMINAIRES MUST BE CENTERED IN THE BEAM SPACE AS INDICATED ON THE PLANS UNLESS OTHERWISE DIRECTED BY THE ENGR. LUMINAIRE SETBACK SHALL BE AS INDICATED IN PLANS FOR EACH SPECIFIC UNDERPASS
 - THE CONCRETE ENCASED CONDUIT TRANSITION SHALL BE INCLUDED IN THE COST OF THE GALVANIZED RIGID STEEL CONDUIT PAY ITEMS.
 - ALL CONDUIT ATTACHED TO STRUCTURE SHALL BE PVC COATED RIGID STEEL CONDUIT (PVCC RGC) TYPICAL.
 - IN NO INSTANCE SHALL ANY UNDERPASS LUMINAIRE OR ANY OTHER ELECTRICAL EQUIPMENT BE INSTALLED BELOW THE ELEVATION OF THE BOTTOM OF THE BRIDGE BEAM WHEN OVER ANY PAVEMENT (ROADWAY OR SHOULDER).



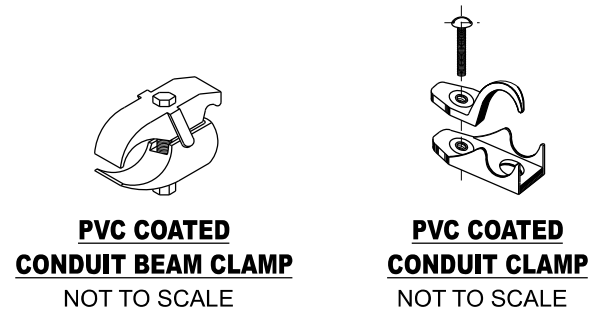
EXISTING BRIDGE DECK INSTALLATION

NEW BRIDGE DECK INSTALLATION

TYPICAL LUMINAIRE HANGER ASSEMBLY DETAILS



LUMINAIRE NUMBERING DECAL BRACKET
NOT TO SCALE



MODEL: BE-001 (Sheet)
FILE NAME: c:\p\work\project\luminance.demanche\0870BE-001.dgn

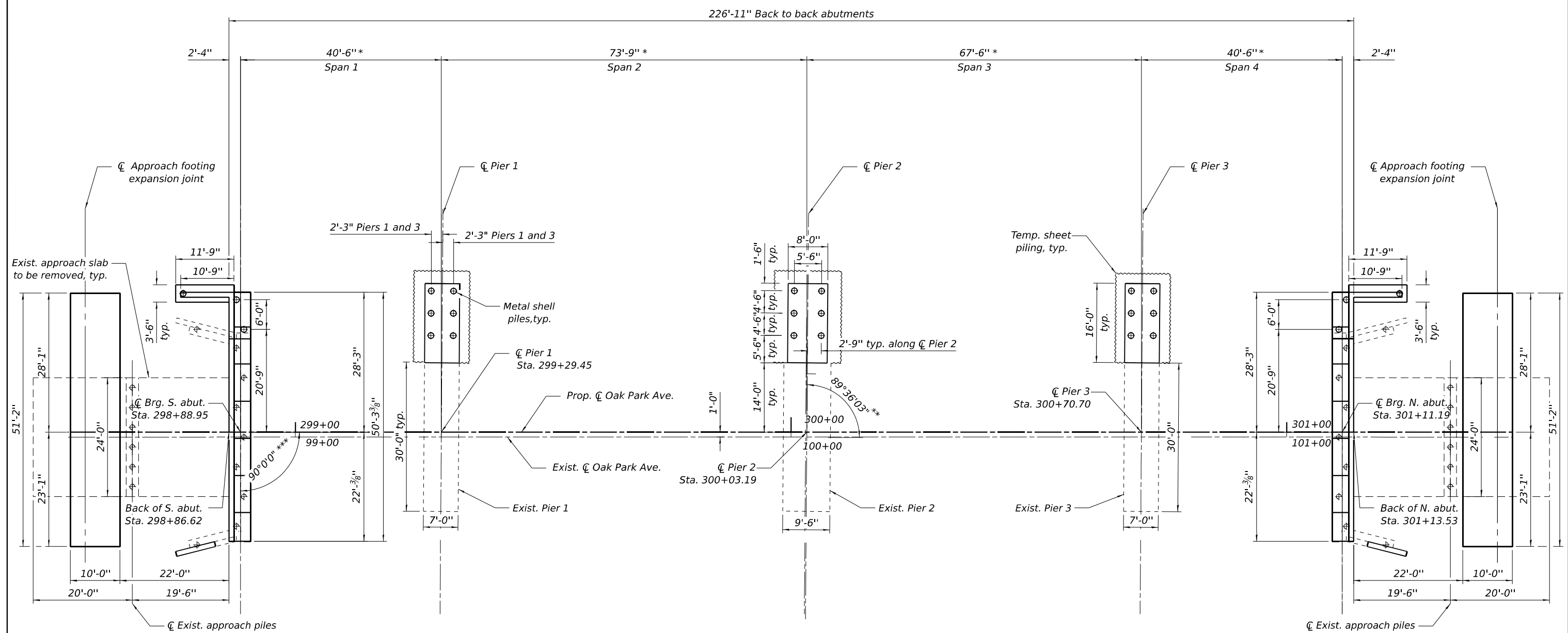
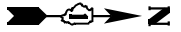
USER NAME	■ lawrence,demanche	DESIGNED	-	REVISED	- 12/12/05
		DRAWN	-	REVISED	- 12/17/25 - R, TOMSONS
PLOT SCALE	■ 0,08333317' / in.	CHECKED	-	REVISED	- 03/02/26 - R, TOMSONS
PLOT DATE	■ 3/2/2026	DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUSPENDED MOUNT LED UNDERPASS LUMINAIRE INSTALLATION DETAILS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	75E
BE-901		CONTRACT NO. 62W20		
ILLINOIS FED.AID PROJECT				

LT-05



LEGEND

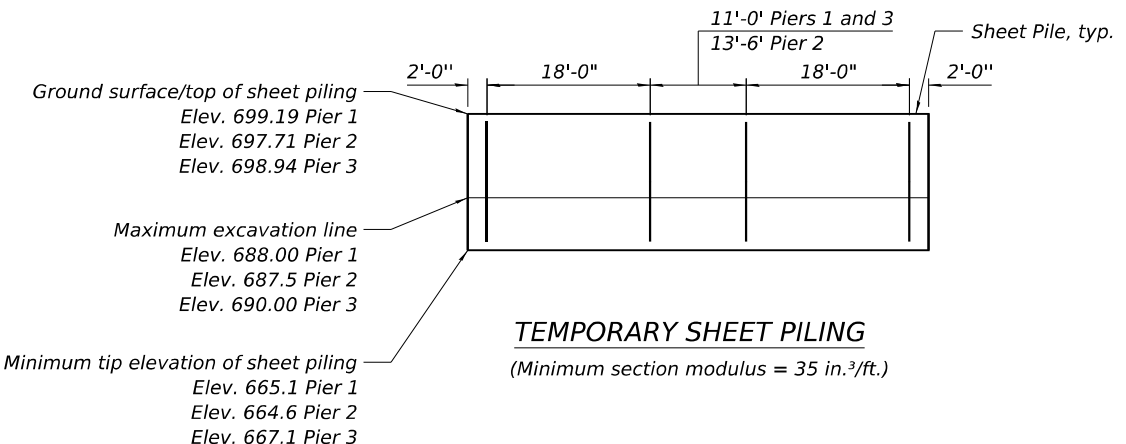
- ⊕ Exist. Concrete Pile
- ⊗ Prop. Metal Shell Pile

Notes:

Dimensions are measured perpendicular to proposed C Oak Park Ave.
 Remove existing slope walls in accordance with Standard Specifications.
 See sheets S-23 and S-24 of S-36 for removal limits of existing abutments.
 See sheets S-25, S-26, and S-27 of S-36 for abutment widening details.
 See sheets S-28 through S-31 of S-36 for removal limits of existing piers and pier widening details.
 If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.

SUBSTRUCTURE LAYOUT

- * Span lengths measured from intersection of pier centerline and existing centerline of Oak Park Avenue
- ** Typical at piers
- *** Typical at abutments



TEMPORARY SHEET PILING

(Minimum section modulus = 35 in.³/ft.)

MODEL: Substructure Layout (Sheet) FILE NAME: c:\pwworking\primear\papr\proj\kuzia\dms61751\1D162W20-Substructure_Layout.dgn



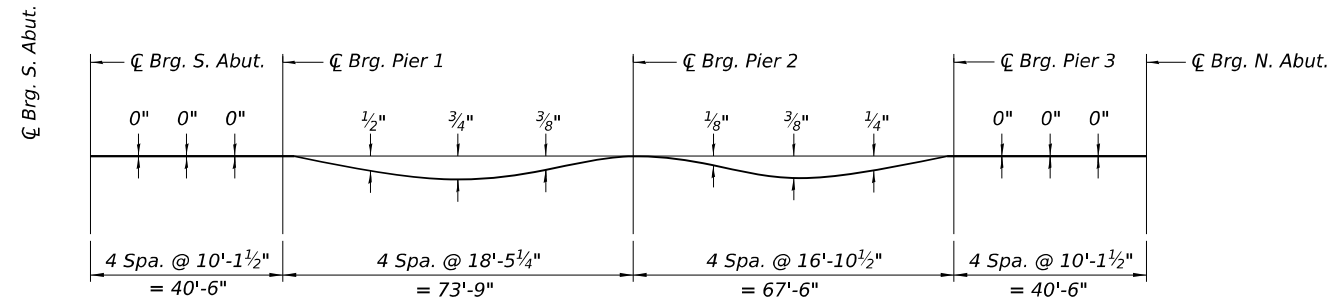
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	DRAWN - MS	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUBSTRUCTURE LAYOUT
STRUCTURE NO. 016-0927**

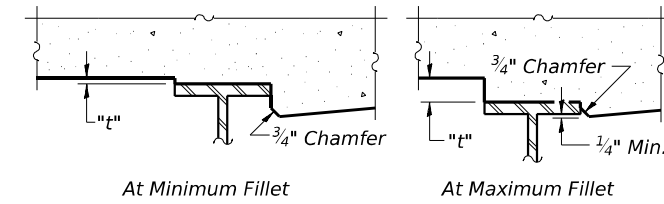
SHEET S-3 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	78
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



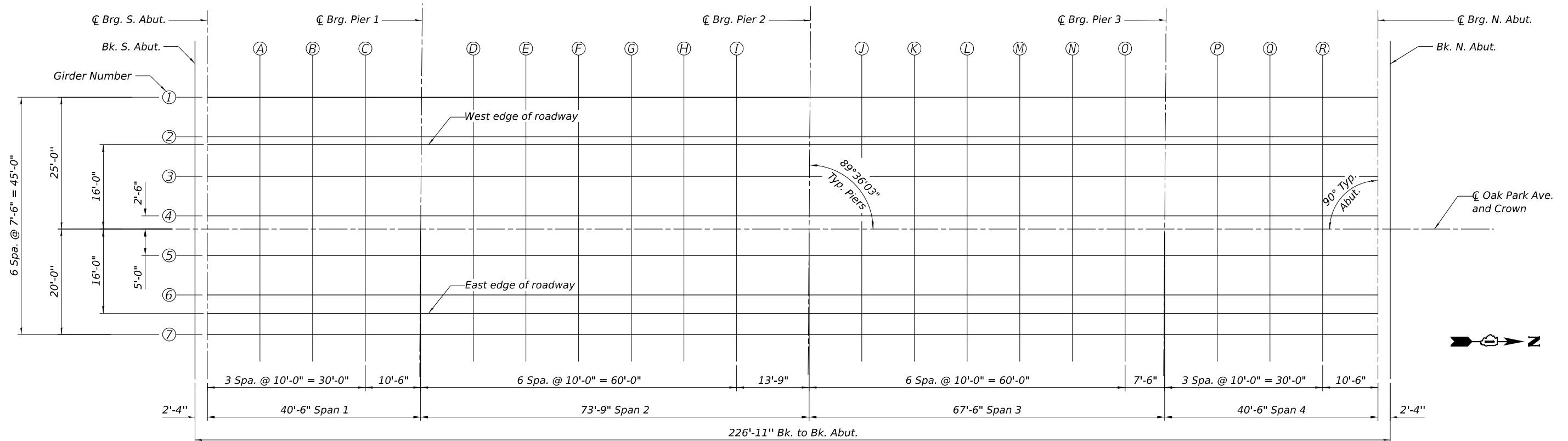
DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete only.)

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheets S-5 through S-8 of S-36.



FILLET HEIGHTS

To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheets S-5 through S-8 of S-36. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "t" above top flange of beams.



PLAN

MODEL: Top of Slab Elevations Layout I (Sheet)
FILE NAME: c:\pwworking\primeal\pwworking\6751\10162\20-Top of Slab Elevations I.dgn



USER NAME = nickbrustin	DESIGNED - NMB	REVISED -
	DRAWN - NMB	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS I
STRUCTURE NO. 016-0927**

SHEET S-4 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	79
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

GIRDER 1

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	298+86.62	-25.00	718.99	718.99
☪ Brg. S. Abut.	298+88.95	-25.00	719.03	719.03
A	298+98.95	-25.00	719.21	719.21
B	299+08.95	-25.00	719.37	719.37
C	299+18.95	-25.00	719.52	719.52
☪ Brg. Pier 1	299+29.62	-25.00	719.66	719.66
D	299+39.62	-25.00	719.77	719.79
E	299+49.62	-25.00	719.86	719.91
F	299+59.62	-25.00	719.94	720.00
G	299+69.62	-25.00	720.00	720.06
H	299+79.62	-25.00	720.05	720.09
I	299+89.62	-25.00	720.07	720.10
☪ Brg. Pier 2	300+03.36	-25.00	720.08	720.08
J	300+13.36	-25.00	720.07	720.07
K	300+23.36	-25.00	720.03	720.05
L	300+33.36	-25.00	719.99	720.01
M	300+43.36	-25.00	719.92	719.95
N	300+53.36	-25.00	719.84	719.86
O	300+63.36	-25.00	719.74	719.75
☪ Brg. Pier 3	300+70.87	-25.00	719.65	719.65
P	300+80.87	-25.00	719.52	719.51
Q	300+90.87	-25.00	719.38	719.38
R	301+00.87	-25.00	719.21	719.20
☪ Brg. N. Abut.	301+11.19	-25.00	719.03	719.03
Bk. N. Abut.	301+13.53	-25.00	718.98	718.98

GIRDER 2

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	298+86.62	-17.50	719.11	719.11
☪ Brg. S. Abut.	298+88.95	-17.50	719.16	719.16
A	298+98.95	-17.50	719.34	719.34
B	299+08.95	-17.50	719.50	719.50
C	299+18.95	-17.50	719.65	719.64
☪ Brg. Pier 1	299+29.57	-17.50	719.78	719.78
D	299+39.57	-17.50	719.89	719.92
E	299+49.57	-17.50	719.99	720.03
F	299+59.57	-17.50	720.07	720.13
G	299+69.57	-17.50	720.13	720.19
H	299+79.57	-17.50	720.17	720.22
I	299+89.57	-17.50	720.20	720.22
☪ Brg. Pier 2	300+03.31	-17.50	720.20	720.20
J	300+13.31	-17.50	720.19	720.20
K	300+23.31	-17.50	720.16	720.18
L	300+33.31	-17.50	720.11	720.14
M	300+43.31	-17.50	720.05	720.08
N	300+53.31	-17.50	719.96	719.99
O	300+63.31	-17.50	719.86	719.87
☪ Brg. Pier 3	300+70.82	-17.50	719.78	719.78
P	300+80.82	-17.50	719.65	719.64
Q	300+90.82	-17.50	719.50	719.50
R	301+00.82	-17.50	719.34	719.32
☪ Brg. N. Abut.	301+11.19	-17.50	719.15	719.15
Bk. N. Abut.	301+13.53	-17.50	719.13	719.13

WEST EDGE OF ROADWAY

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	298+86.62	-16.00	719.14	719.14
☪ Brg. S. Abut.	298+88.95	-16.00	719.18	719.18
A	298+98.95	-16.00	719.36	719.36
B	299+08.95	-16.00	719.52	719.52
C	299+18.95	-16.00	719.67	719.67
☪ Brg. Pier 1	299+29.56	-16.00	719.81	719.81
D	299+39.56	-16.00	719.92	719.94
E	299+49.56	-16.00	720.01	720.06
F	299+59.56	-16.00	720.09	720.15
G	299+69.56	-16.00	720.15	720.21
H	299+79.56	-16.00	720.20	720.24
I	299+89.56	-16.00	720.22	720.25
☪ Brg. Pier 2	300+03.30	-16.00	720.23	720.23
J	300+13.30	-16.00	720.22	720.22
K	300+23.30	-16.00	720.18	720.20
L	300+33.30	-16.00	720.14	720.16
M	300+43.30	-16.00	720.07	720.10
N	300+53.30	-16.00	719.99	720.01
O	300+63.30	-16.00	719.89	719.90
☪ Brg. Pier 3	300+70.81	-16.00	719.80	719.80
P	300+80.81	-16.00	719.67	719.66
Q	300+90.81	-16.00	719.53	719.53
R	301+00.81	-16.00	719.36	719.35
☪ Brg. N. Abut.	301+11.19	-16.00	719.18	719.18
Bk. N. Abut.	301+13.53	-16.00	719.13	719.13

MODEL: Top of Slab Elevations Layout II (Sheet)
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	DRAWN - NMB	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS II
STRUCTURE NO. 016-0927**

SHEET S-5 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	80
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

GIRDER 3

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	298+86.62	-10.00	719.25	719.25
☉ Brg. S. Abut.	298+88.95	-10.00	719.29	719.29
A	298+98.95	-10.00	719.47	719.47
B	299+08.95	-10.00	719.63	719.63
C	299+18.95	-10.00	719.78	719.78
☉ Brg. Pier 1	299+29.52	-10.00	719.92	719.92
D	299+39.52	-10.00	720.03	720.05
E	299+49.52	-10.00	720.12	720.17
F	299+59.52	-10.00	720.20	720.26
G	299+69.52	-10.00	720.26	720.32
H	299+79.52	-10.00	720.31	720.35
I	299+89.52	-10.00	720.33	720.36
☉ Brg. Pier 2	300+03.26	-10.00	720.34	720.34
J	300+13.26	-10.00	720.33	720.33
K	300+23.26	-10.00	720.29	720.31
L	300+33.26	-10.00	720.25	720.27
M	300+43.26	-10.00	720.18	720.21
N	300+53.26	-10.00	720.10	720.12
O	300+63.26	-10.00	720.00	720.01
☉ Brg. Pier 3	300+70.77	-10.00	719.91	719.91
P	300+80.77	-10.00	719.78	719.78
Q	300+90.77	-10.00	719.64	719.64
R	301+00.77	-10.00	719.47	719.46
☉ Brg. N. Abut.	301+11.19	-10.00	719.29	719.29
Bk. N. Abut.	301+13.53	-10.00	719.24	719.24

GIRDER 4

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	298+86.62	-2.50	719.36	719.36
☉ Brg. S. Abut.	298+88.95	-2.50	719.40	719.40
A	298+98.95	-2.50	719.58	719.58
B	299+08.95	-2.50	719.75	719.75
C	299+18.95	-2.50	719.89	719.89
☉ Brg. Pier 1	299+29.47	-2.50	720.03	720.03
D	299+39.47	-2.50	720.14	720.16
E	299+49.47	-2.50	720.24	720.28
F	299+59.47	-2.50	720.31	720.37
G	299+69.47	-2.50	720.37	720.43
H	299+79.47	-2.50	720.42	720.46
I	299+89.47	-2.50	720.44	720.47
☉ Brg. Pier 2	300+03.21	-2.50	720.45	720.45
J	300+13.21	-2.50	720.44	720.44
K	300+23.21	-2.50	720.41	720.42
L	300+33.21	-2.50	720.36	720.39
M	300+43.21	-2.50	720.29	720.32
N	300+53.21	-2.50	720.21	720.23
O	300+63.21	-2.50	720.11	720.12
☉ Brg. Pier 3	300+70.72	-2.50	720.03	720.03
P	300+80.72	-2.50	719.90	719.89
Q	300+90.72	-2.50	719.75	719.75
R	301+00.72	-2.50	719.59	719.57
☉ Brg. N. Abut.	301+11.19	-2.50	719.40	719.40
Bk. N. Abut.	301+13.53	-2.50	719.35	719.35

☉ OAK PARK AVE AND CROWN

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	298+86.62	0.00	719.40	719.40
☉ Brg. S. Abut.	298+88.95	0.00	719.44	719.44
A	298+98.95	0.00	719.62	719.62
B	299+08.95	0.00	719.78	719.78
C	299+18.95	0.00	719.93	719.93
☉ Brg. Pier 1	299+29.45	0.00	720.07	720.07
D	299+39.45	0.00	720.18	720.20
E	299+49.45	0.00	720.27	720.32
F	299+59.45	0.00	720.35	720.41
G	299+69.45	0.00	720.41	720.47
H	299+79.45	0.00	720.46	720.50
I	299+89.45	0.00	720.48	720.51
☉ Brg. Pier 2	300+03.19	0.00	720.49	720.49
J	300+13.19	0.00	720.48	720.48
K	300+23.19	0.00	720.45	720.46
L	300+33.19	0.00	720.40	720.42
M	300+43.19	0.00	720.33	720.36
N	300+53.19	0.00	720.25	720.27
O	300+63.19	0.00	720.15	720.16
☉ Brg. Pier 3	300+70.70	0.00	720.06	720.06
P	300+80.70	0.00	719.94	719.93
Q	300+90.70	0.00	719.79	719.79
R	301+00.70	0.00	719.63	719.61
☉ Brg. N. Abut.	301+11.19	0.00	719.44	719.44
Bk. N. Abut.	301+13.53	0.00	719.39	719.39

MODEL: Top of Slab Elevations Layout III (Sheet)
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USER NAME = kingaludzja	DESIGNED - NMB	REVISED -
	DRAWN - NMB	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS III
STRUCTURE NO. 016-0927**

SHEET S-6 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	81
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

GIRDER 5

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	298+86.62	5.00	719.32	719.32
☪ Brg. S. Abut.	298+88.95	5.00	719.37	719.37
A	298+98.95	5.00	719.55	719.55
B	299+08.95	5.00	719.71	719.71
C	299+18.95	5.00	719.86	719.85
☪ Brg. Pier 1	299+29.41	5.00	719.99	719.99
D	299+39.41	5.00	720.10	720.12
E	299+49.41	5.00	720.20	720.24
F	299+59.41	5.00	720.28	720.33
G	299+69.41	5.00	720.34	720.40
H	299+79.41	5.00	720.38	720.43
I	299+89.41	5.00	720.41	720.43
☪ Brg. Pier 2	300+03.16	5.00	720.42	720.42
J	300+13.16	5.00	720.40	720.41
K	300+23.16	5.00	720.37	720.39
L	300+33.16	5.00	720.32	720.35
M	300+43.16	5.00	720.26	720.29
N	300+53.16	5.00	720.17	720.20
O	300+63.16	5.00	720.08	720.08
☪ Brg. Pier 3	300+70.67	5.00	719.99	719.99
P	300+80.67	5.00	719.86	719.85
Q	300+90.67	5.00	719.71	719.72
R	301+00.67	5.00	719.55	719.54
☪ Brg. N. Abut.	301+11.19	5.00	719.36	719.36
Bk. N. Abut.	301+13.53	5.00	719.32	719.32

GIRDER 6

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	298+86.62	12.50	719.21	719.21
☪ Brg. S. Abut.	298+88.95	12.50	719.25	719.25
A	298+98.95	12.50	719.43	719.43
B	299+08.95	12.50	719.59	719.59
C	299+18.95	12.50	719.74	719.74
☪ Brg. Pier 1	299+29.36	12.50	719.88	719.88
D	299+39.36	12.50	719.99	720.01
E	299+49.36	12.50	720.08	720.13
F	299+59.36	12.50	720.16	720.22
G	299+69.36	12.50	720.22	720.28
H	299+79.36	12.50	720.26	720.31
I	299+89.36	12.50	720.29	720.32
☪ Brg. Pier 2	300+03.10	12.50	720.30	720.30
J	300+13.10	12.50	720.29	720.29
K	300+23.10	12.50	720.26	720.27
L	300+33.10	12.50	720.21	720.23
M	300+43.10	12.50	720.14	720.17
N	300+53.10	12.50	720.06	720.08
O	300+63.10	12.50	719.96	719.97
☪ Brg. Pier 3	300+70.61	12.50	719.88	719.88
P	300+80.61	12.50	719.75	719.74
Q	300+90.61	12.50	719.60	719.60
R	301+00.61	12.50	719.44	719.42
☪ Brg. N. Abut.	301+11.19	12.50	719.25	719.25
Bk. N. Abut.	301+13.53	12.50	719.20	719.20

MODEL: Top of Slab Elevations Layout IV (Sheet)
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USER NAME = nickbrustin	DESIGNED - NMB	REVISED -
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PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS IV
 STRUCTURE NO. 016-0927**

SHEET S-7 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	82
			CONTRACT NO. 62W20	
		ILLINOIS FED. AID PROJECT		

EAST EDGE OF ROADWAY

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	298+86.62	16.00	719.14	719.14
☪ Brg. S. Abut.	298+88.95	16.00	719.18	719.18
A	298+98.95	16.00	719.36	719.36
B	299+08.95	16.00	719.52	719.52
C	299+18.95	16.00	719.67	719.67
☪ Brg. Pier 1	299+29.34	16.00	719.81	719.81
D	299+39.34	16.00	719.92	719.94
E	299+49.34	16.00	720.01	720.06
F	299+59.34	16.00	720.09	720.15
G	299+69.34	16.00	720.15	720.21
H	299+79.34	16.00	720.19	720.24
I	299+89.34	16.00	720.22	720.24
☪ Brg. Pier 2	300+03.08	16.00	720.23	720.23
J	300+13.08	16.00	720.22	720.22
K	300+23.08	16.00	720.19	720.20
L	300+33.08	16.00	720.14	720.16
M	300+43.08	16.00	720.07	720.10
N	300+53.08	16.00	719.99	720.01
O	300+63.08	16.00	719.89	719.90
☪ Brg. Pier 3	300+70.59	16.00	719.81	719.81
P	300+80.59	16.00	719.68	719.67
Q	300+90.59	16.00	719.53	719.53
R	301+00.59	16.00	719.37	719.35
☪ Brg. N. Abut.	301+11.19	16.00	719.18	719.18
Bk. N. Abut.	301+13.53	16.00	719.13	719.13

GIRDER 7

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abut.	298+86.62	20.00	719.07	719.07
☪ Brg. S. Abut.	298+88.95	20.00	719.11	719.11
A	298+98.95	20.00	719.29	719.29
B	299+08.95	20.00	719.46	719.46
C	299+18.95	20.00	719.60	719.60
☪ Brg. Pier 1	299+29.31	20.00	719.74	719.74
D	299+39.31	20.00	719.85	719.87
E	299+49.31	20.00	719.95	719.99
F	299+59.31	20.00	720.02	720.08
G	299+69.31	20.00	720.08	720.14
H	299+79.31	20.00	720.13	720.17
I	299+89.31	20.00	720.15	720.18
☪ Brg. Pier 2	300+03.05	20.00	720.16	720.16
J	300+13.05	20.00	720.15	720.15
K	300+23.05	20.00	720.12	720.14
L	300+33.05	20.00	720.07	720.10
M	300+43.05	20.00	720.01	720.04
N	300+53.05	20.00	719.92	719.95
O	300+63.05	20.00	719.83	719.83
☪ Brg. Pier 3	300+70.56	20.00	719.74	719.74
P	300+80.56	20.00	719.61	719.60
Q	300+90.56	20.00	719.46	719.47
R	301+00.56	20.00	719.30	719.29
☪ Brg. N. Abut.	301+11.19	20.00	719.11	719.11
Bk. N. Abut.	301+13.53	20.00	719.07	719.07

MODEL: Top of Slab Elevations Layout V (Sheet)
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	DRAWN - NMB	REVISED -
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PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS V
STRUCTURE NO. 016-0927**

SHEET S-8 OF S-36 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	83
			CONTRACT NO. 62W20	
ILLINOIS FED. AID PROJECT				

WEST EDGE OF APPROACH SLAB

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	298+57.62	-28.08	718.30
A1	298+67.62	-28.08	718.54
A2	298+77.62	-28.08	718.75
N. End S. Appr. Slab	298+87.62	-28.08	718.95

WEST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	298+57.62	-16.00	718.50
A1	298+67.62	-16.00	718.74
A2	298+77.62	-16.00	718.95
N. End S. Appr. Slab	298+87.62	-16.00	719.15

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	298+57.62	-12.00	718.58
A1	298+67.62	-12.00	718.82
A2	298+77.62	-12.00	719.03
N. End S. Appr. Slab	298+87.62	-12.00	719.23

CL OAK PARK AVE AND CROWN

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	298+57.62	0.00	718.76
A1	298+67.62	0.00	719.00
A2	298+77.62	0.00	719.21
N. End S. Appr. Slab	298+87.62	0.00	719.41

EAST EDGE OF PAVEMENT

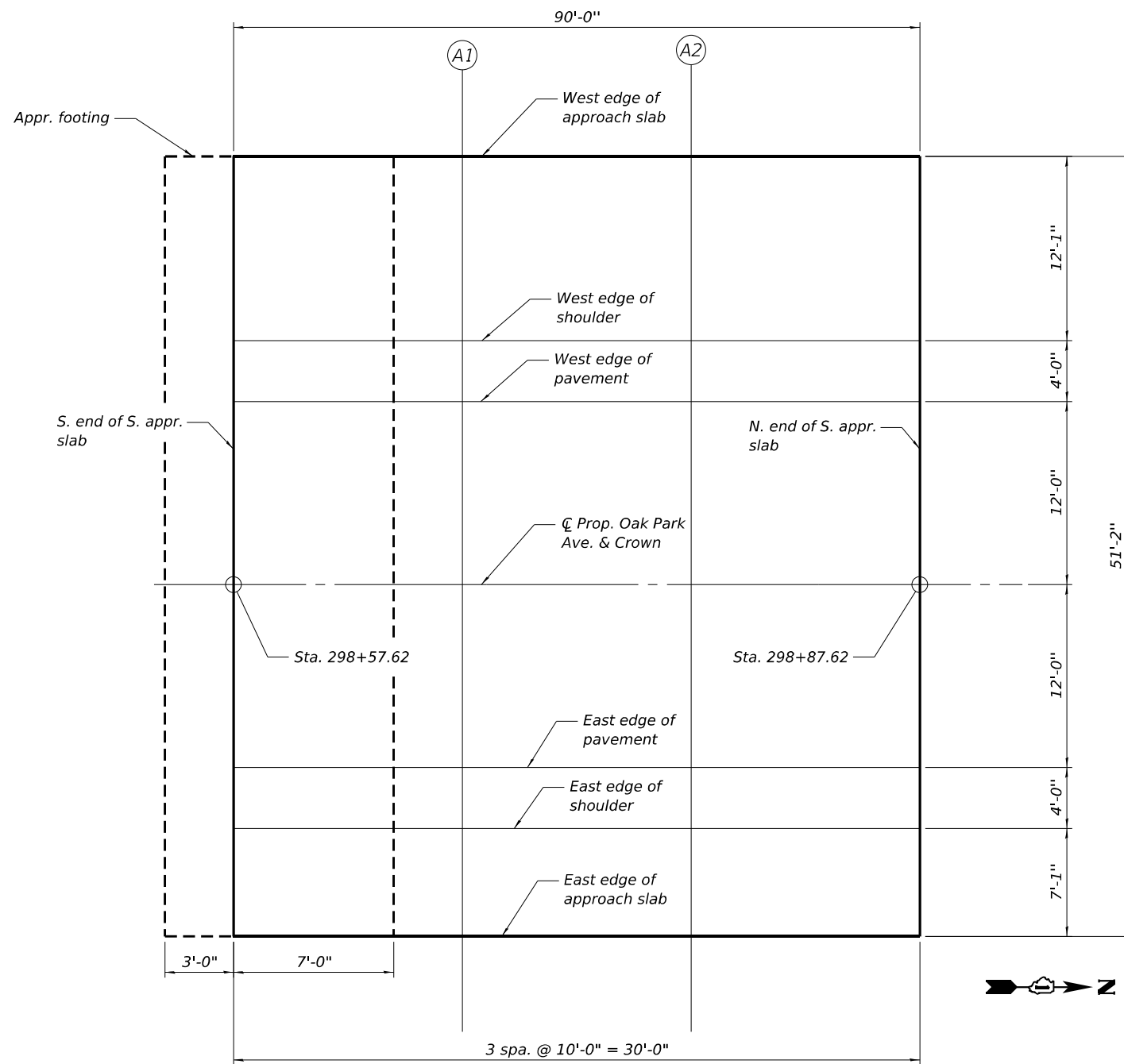
Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	298+57.62	12.00	718.58
A1	298+67.62	12.00	718.82
A2	298+77.62	12.00	719.03
N. End S. Appr. Slab	298+87.62	12.00	719.23

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	298+57.62	16.00	718.50
A1	298+67.62	16.00	718.74
A2	298+77.62	16.00	718.95
N. End S. Appr. Slab	298+87.62	16.00	719.15

EAST EDGE OF APPROACH SLAB

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	298+57.62	23.08	718.39
A1	298+67.62	23.08	718.62
A2	298+77.62	23.08	718.84
N. End S. Appr. Slab	298+87.62	23.08	719.04



PLAN

MODEL: South Approach Slab Elevations (Sheet)
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	DRAWN - NMB	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOUTH APPROACH SLAB ELEVATIONS
STRUCTURE NO. 016-0927**

SHEET S-9 OF S-36 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	84
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

WEST EDGE OF APPROACH SLAB

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	301+12.53	-28.08	718.95
A3	301+22.53	-28.08	718.75
A4	301+32.53	-28.08	718.53
N. End N. Appr. Slab	301+42.53	-28.08	718.30

WEST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	301+12.53	-16.00	719.15
A3	301+22.53	-16.00	718.95
A4	301+32.53	-16.00	718.73
N. End N. Appr. Slab	301+42.53	-16.00	718.50

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	301+12.53	-12.00	719.23
A3	301+22.53	-12.00	719.03
A4	301+32.53	-12.00	718.81
N. End N. Appr. Slab	301+42.53	-12.00	718.58

CL OAK PARK AVE AND CROWN

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	301+12.53	0.00	719.41
A3	301+22.53	0.00	719.21
A4	301+32.53	0.00	718.99
N. End N. Appr. Slab	301+42.53	0.00	718.76

EAST EDGE OF PAVEMENT

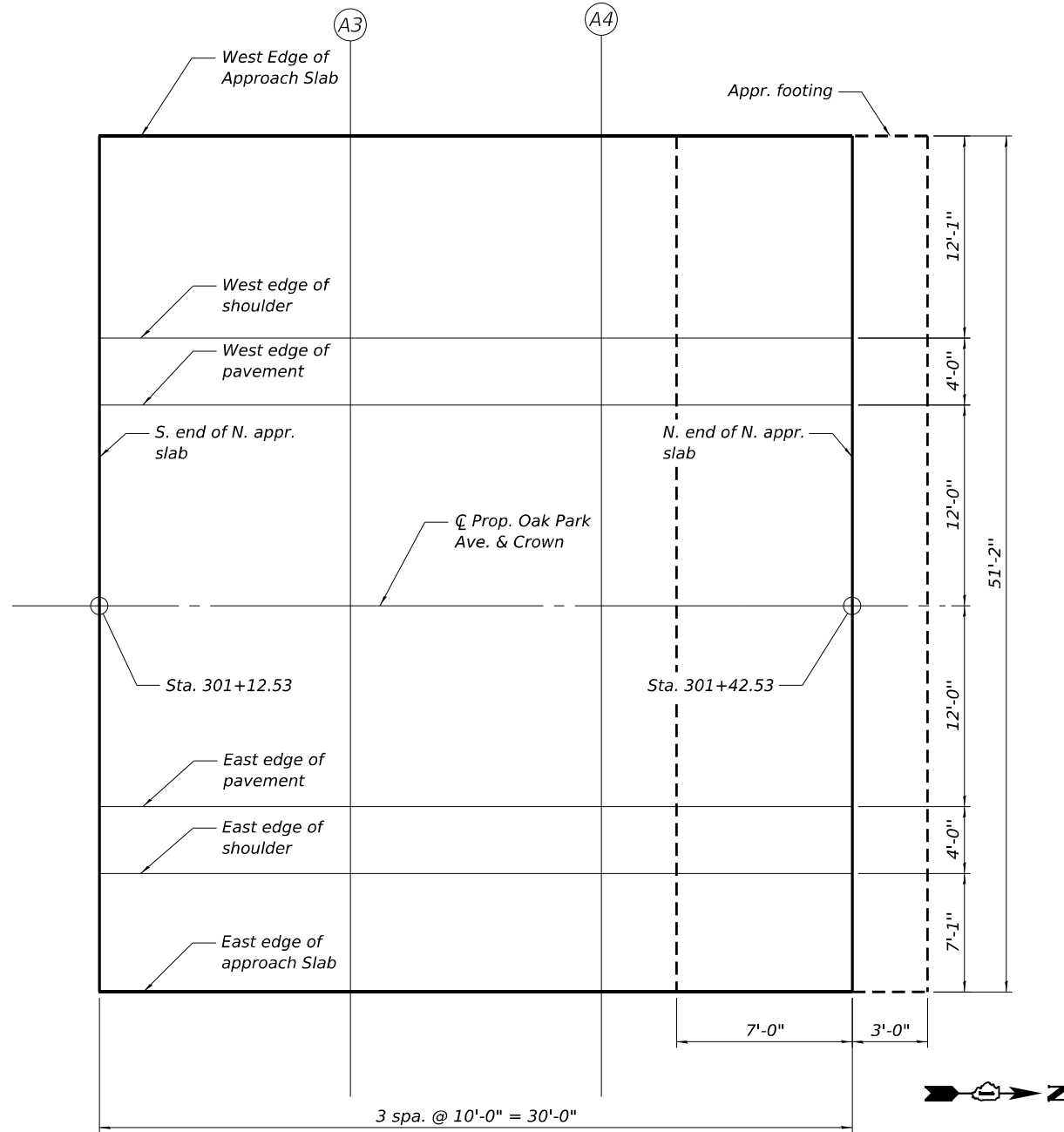
Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	301+12.53	12.00	719.23
A3	301+22.53	12.00	719.03
A4	301+32.53	12.00	718.81
N. End N. Appr. Slab	301+42.53	12.00	718.58

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	301+12.53	16.00	719.15
A3	301+22.53	16.00	719.95
A4	301+32.53	16.00	718.73
N. End N. Appr. Slab	301+42.53	16.00	718.50

EAST EDGE OF APPROACH SLAB

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	301+12.53	23.08	719.03
A3	301+22.53	23.08	718.83
A4	301+32.53	23.08	718.61
N. End N. Appr. Slab	301+42.53	23.08	718.38



PLAN

MODEL: North Approach Slab Elevations (Sheet)
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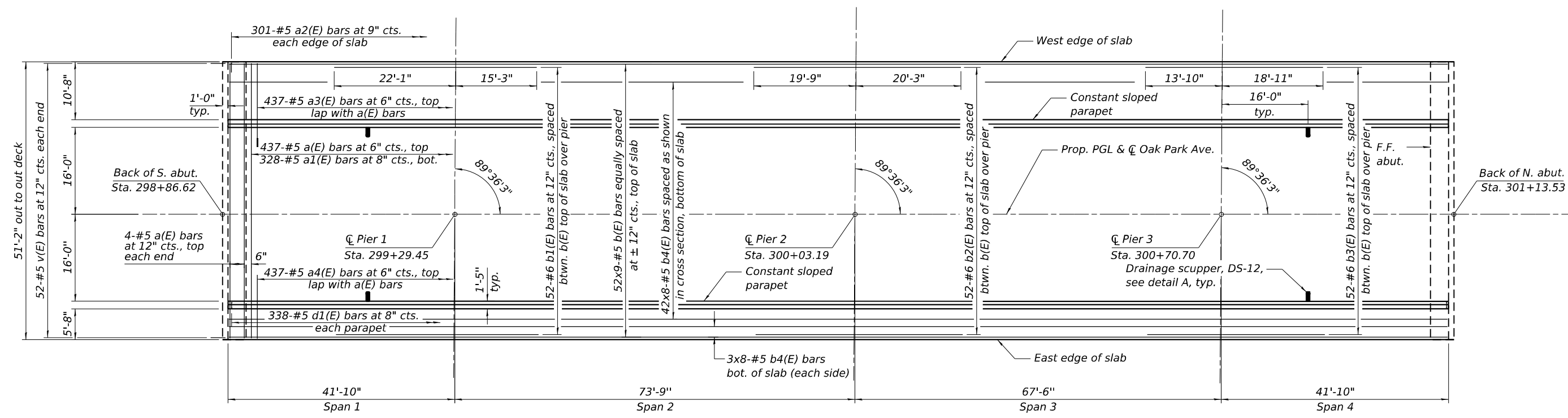
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PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

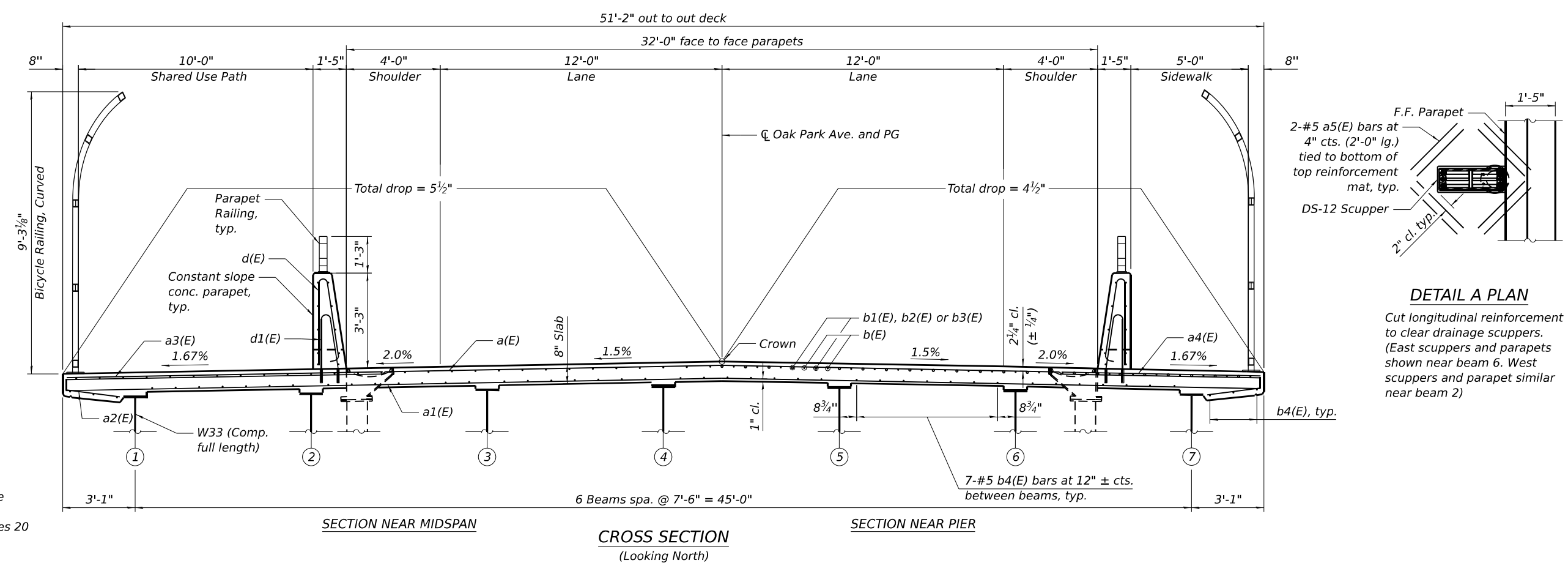
**NORTH APPROACH SLAB ELEVATIONS
STRUCTURE NO. 016-0927**

SHEET S-10 OF S-36 SHEETS

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	85
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



DECK PLAN



SECTION NEAR MIDSPAN

CROSS SECTION
(Looking North)

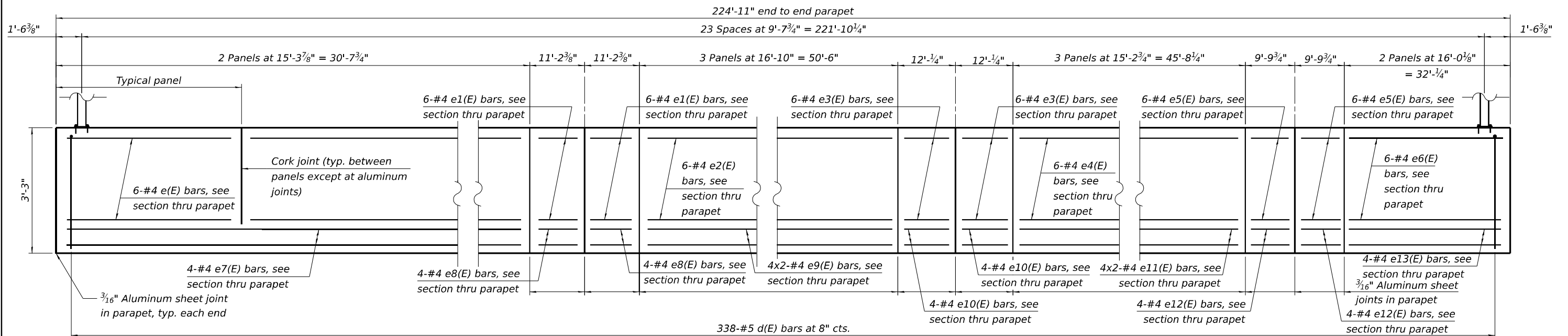
SECTION NEAR PIER

MINIMUM BAR LAP
#5 BAR = 3'-10"

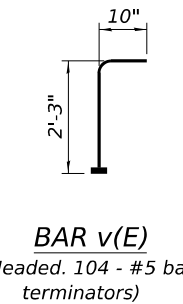
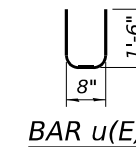
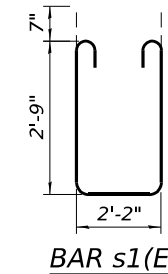
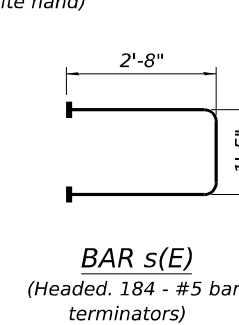
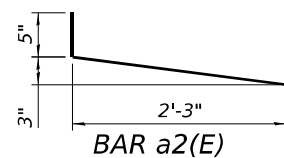
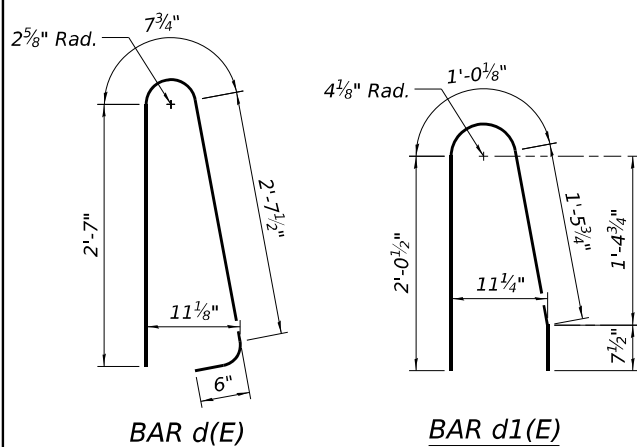
Notes:
See sheet S-12 of S-36 for superstructure details and bill of materials.
Bars indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line.

MODEL: Superstructure Plan and XS (Sheet) FILE NAME: c:\pwworking\primeal\pwworking\kuzdzia\dms6751\0162W20-Superstructure Plan and Cross Section.dgn

	USER NAME = kingaludzja	DESIGNED - NMB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUPERSTRUCTURE PLAN AND CROSS SECTION STRUCTURE NO. 016-0927	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT DATE = 5/6/2026	DRAWN - NMB	REVISED -			80	FAI 80 23 Bridge Replacement 2	COOK	158	86
		CHECKED - STB	REVISED -			CONTRACT NO. 62W20				
		DATE - 5/6/2026	REVISED -			ILLINOIS FED. AID PROJECT				

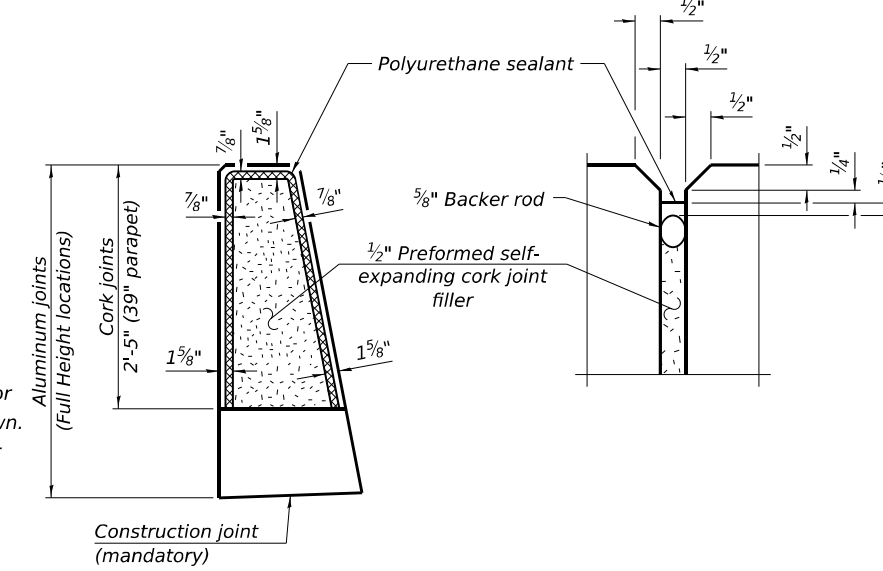
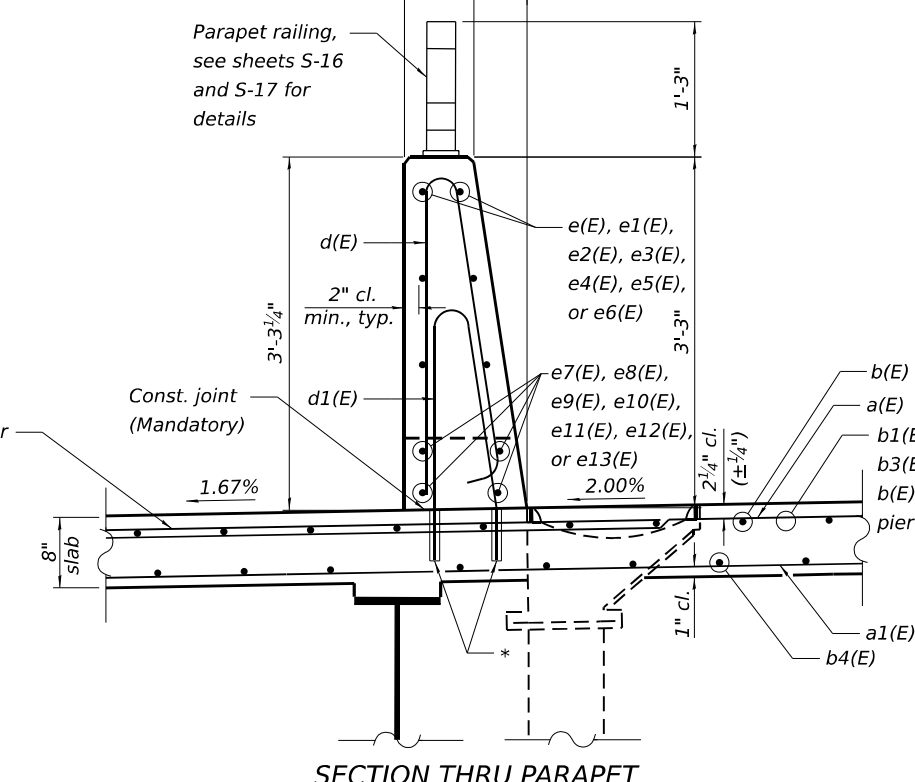
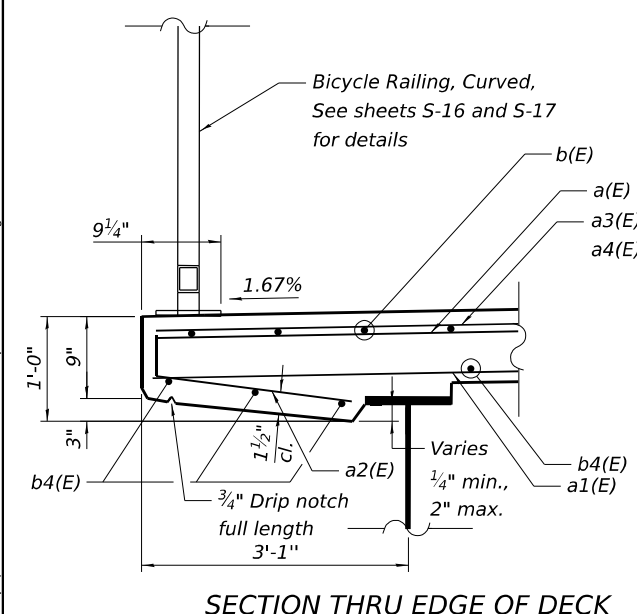


INSIDE ELEVATION OF PARAPET
(West parapet shown, East parapet similar but opposite hand)



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	445	#5	50'-10"	—
a1(E)	328	#5	50'-10"	—
a2(E)	602	#5	2'-3"	└
a3(E)	437	#5	15'-6"	—
a4(E)	437	#5	10'-6"	—
a5(E)	32	#5	2'-0"	—
b(E)	468	#5	28'-5"	—
b1(E)	52	#6	37'-4"	—
b2(E)	52	#6	38'-2"	—
b3(E)	52	#6	32'-9"	—
b4(E)	384	#5	31'-6"	—
d(E)	676	#5	6'-5"	┆
d1(E)	676	#5	5'-2"	┆
e(E)	24	#4	15'-0"	—
e1(E)	24	#4	10'-10"	—
e2(E)	36	#4	16'-6"	—
e3(E)	24	#4	11'-8"	—
e4(E)	36	#4	14'-11"	—
e5(E)	24	#4	9'-6"	—
e6(E)	24	#4	15'-8"	—
e7(E)	8	#4	30'-4"	—
e8(E)	16	#4	10'-10"	—
e9(E)	16	#4	26'-2"	—
e10(E)	16	#4	11'-8"	—
e11(E)	16	#4	23'-9"	—
e12(E)	16	#4	9'-6"	—
e13(E)	8	#4	31'-8"	—
m(E)	8	#6	1'-9"	—
m1(E)	24	#6	7'-1"	—
m2(E)	12	#6	1'-9"	—
m3(E)	36	#6	7'-1"	—
m4(E)	8	#6	26'-2"	—
m5(E)	8	#6	26'-2"	—
m6(E)	20	#4	25'-8"	—
s(E)	92	#5	6'-9"	└
s1(E)	92	#5	8'-10"	└
u(E)	92	#4	3'-8"	U
v(E)	104	#5	3'-1"	┌
Concrete Superstructure		Cu. Yd.	380.4	
Reinforcement Bars, Epoxy Coated		Pound	97,690	



Notes:
 Bars indicated thus, 4x5-#4 etc. indicates 4 lines of bars with 5 lengths per line.
 The polyurethane sealant shall be according to Article 1050.04 of the Standard Specifications and the color shall be grey.
 The 3/16" aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated to minimize reaction with wet concrete. Cost included with Concrete Superstructure.
 Bar terminators, paid for separately. See Total Bill of Material.

MINIMUM BAR LAP
 #4 BAR = 2'-2"

MODEL - Superstructure Details(Sheet)
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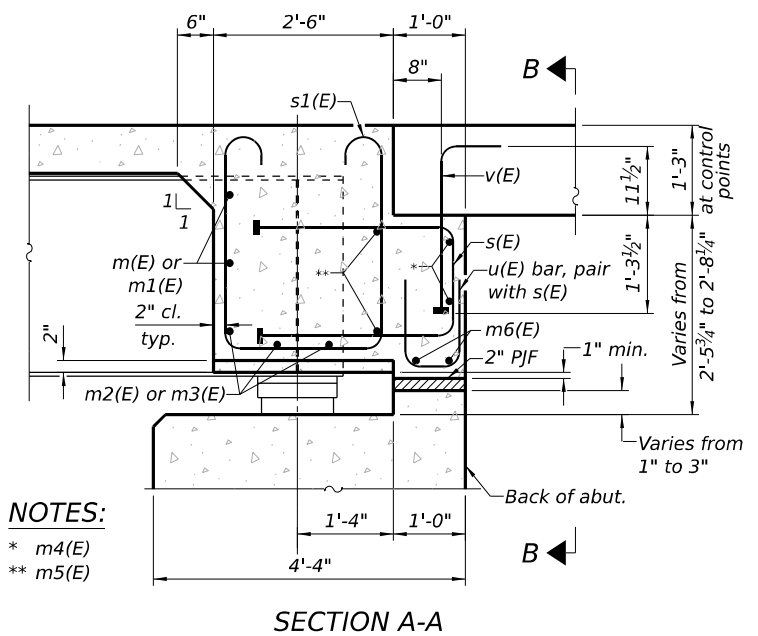
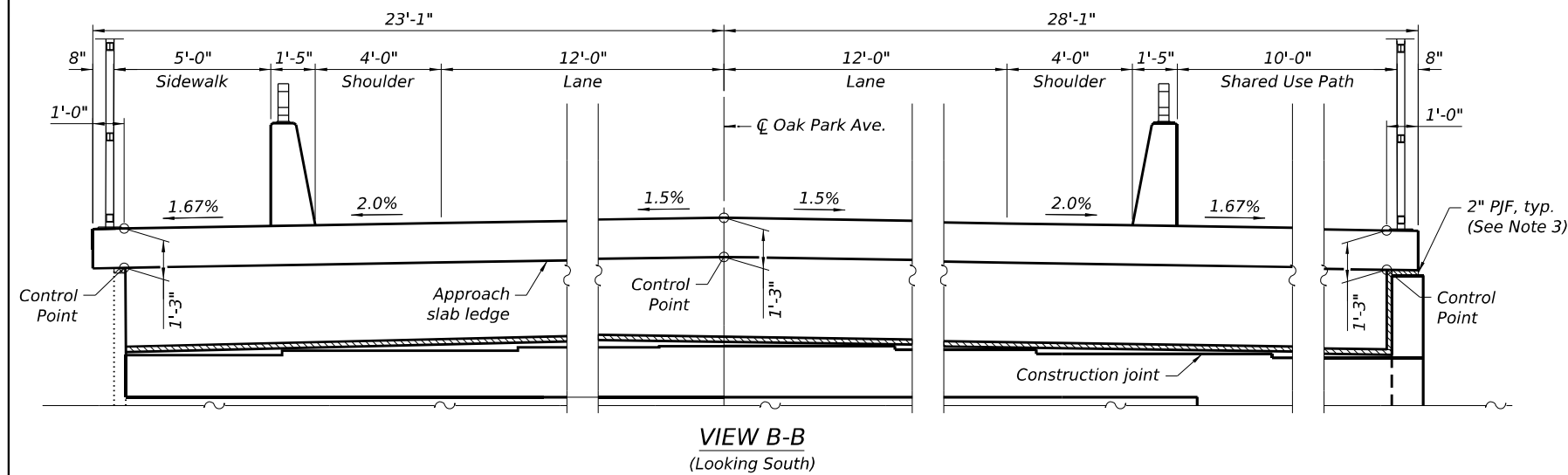
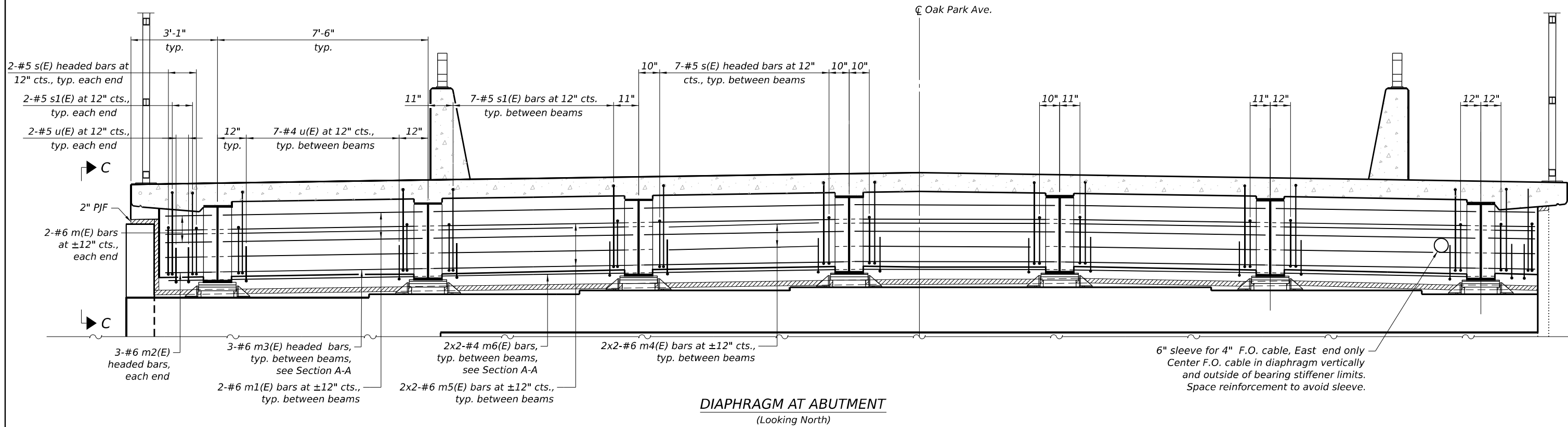
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PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 016-0927

SHEET S-12 OF S-36 SHEETS

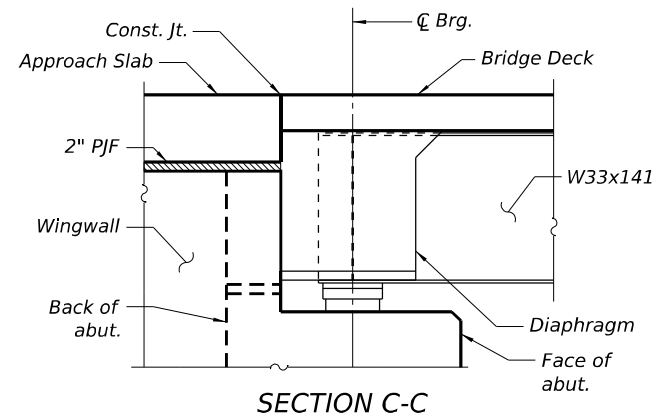
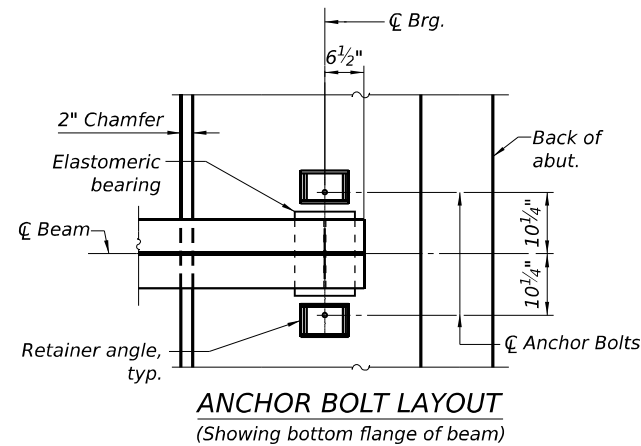
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	87
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



NOTES:
* m4(E)
** m5(E)

Notes:
See sheet S-12 of S-36 for superstructure details and bill of material.
The approach slab ledge shall have a constant slope determined from the control points shown.
2" P/JF will be bonded to wingwall with suitable adhesive as recommended by supplier and adhere to Article 1051.09 of the Standard Specifications.
Bars indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line.

MINIMUM BAR LAP
#4 BAR = 2'-2"
#6 BAR = 3'-1"



MODEL: Diaphragm_Details(Sheet) FILE NAME: c:\pwworking\primea\pwworking\kuzda\ms6751\10162W20-Diaphragm_Details.dgn



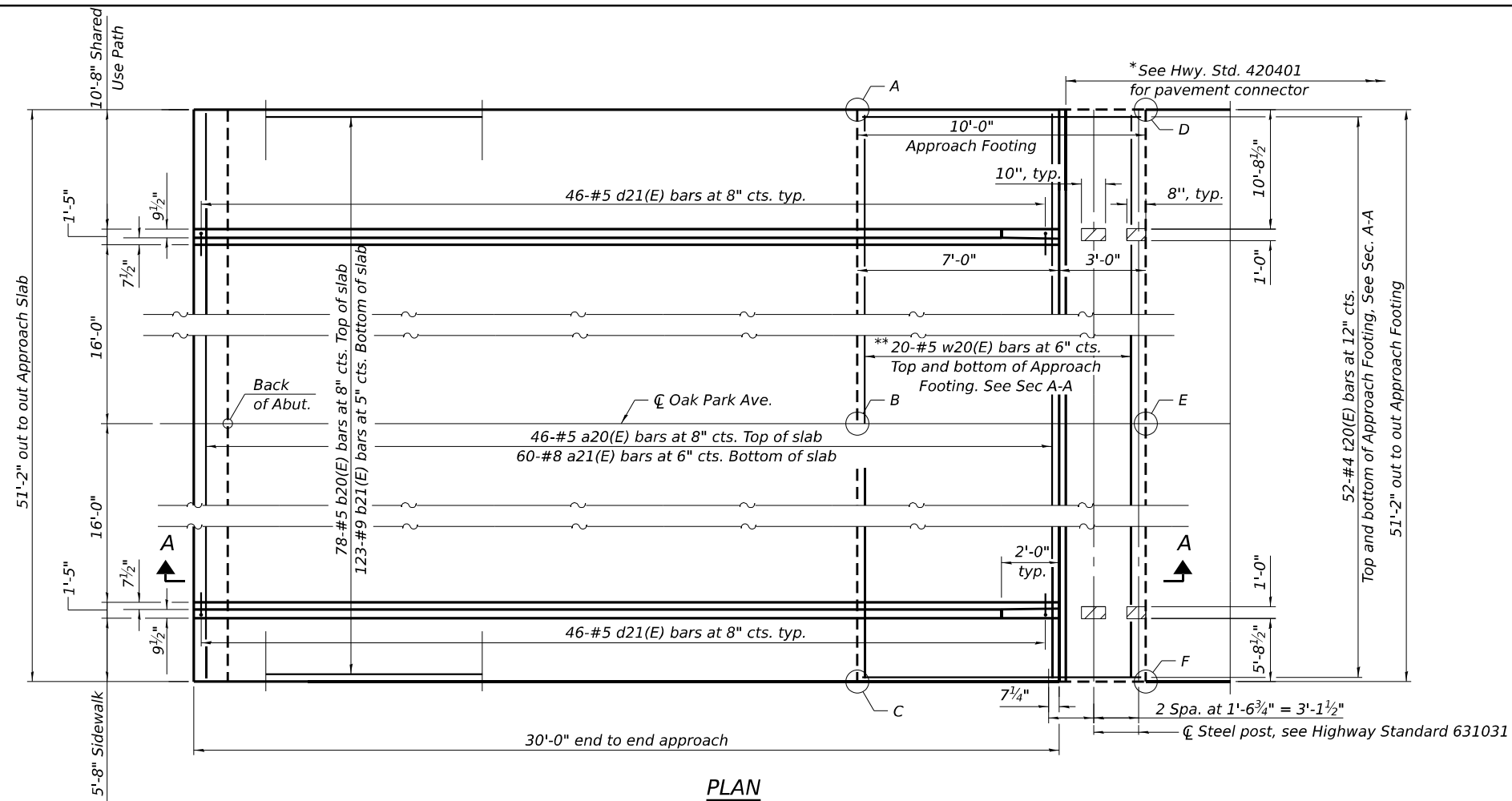
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	DRAWN - JPK	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
STRUCTURE NO. 016-0927

SHEET S-13 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	88
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



*If guardrail is installed after placement of connector slab, contractor to provide 1'-0" wide blockout in connector slab for installation of guardrail posts. Blockout to be backfilled with concrete after guardrail installation. Use same mix as connector pavement.

**Cut #5 w20(E) bars at blockouts. Provide 2" of clear cover to cut ends.

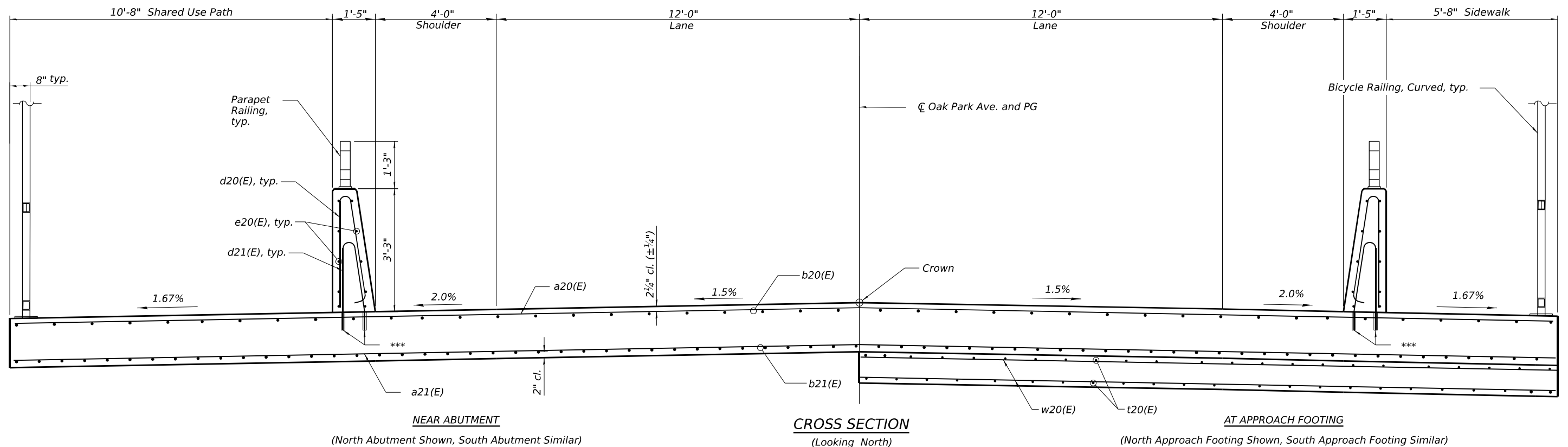
***Drill and set #5 d21(E) bar according to article 509.06 of the Standard Specifications. Drilled holes shall be roughened or scored per manufacturer's recommendations. Maximum depth of hole shall not exceed 6". Contractor shall take all necessary precautions to prevent drilled hole interface with approach slab reinforcement bars. Locate drilled holes to miss transverse bars in approach slab. Locate longitudinal bars to miss drilled locations.

TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

Point/Location	South Approach		North Approach		
	Top	Bottom	Top	Bottom	
A - NW	717.30	716.47	A - SW	717.21	716.38
B - N-CL	717.68	716.84	B - S-CL	717.67	716.84
C - NE	717.22	716.38	C - SE	717.29	716.46
D - SW	717.07	716.24	D - NW	716.98	716.15
E - S-CL	717.44	716.60	E - N-CL	717.44	716.61
F - SE	716.98	716.14	F - NE	717.06	716.23

LEGEND

Concrete Blockout in Approach Footing



MODEL: Approach Slab Plan and Cross Section (Sheet)
FILE NAME: c:\pwworking\primeal\proppro\kku\ozia\ms61751\10162W20-Approach Slab Plan and Cross Section.dgn



USER NAME = kingaludzja	DESIGNED - MS	REVISED -
	DRAWN - MS	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

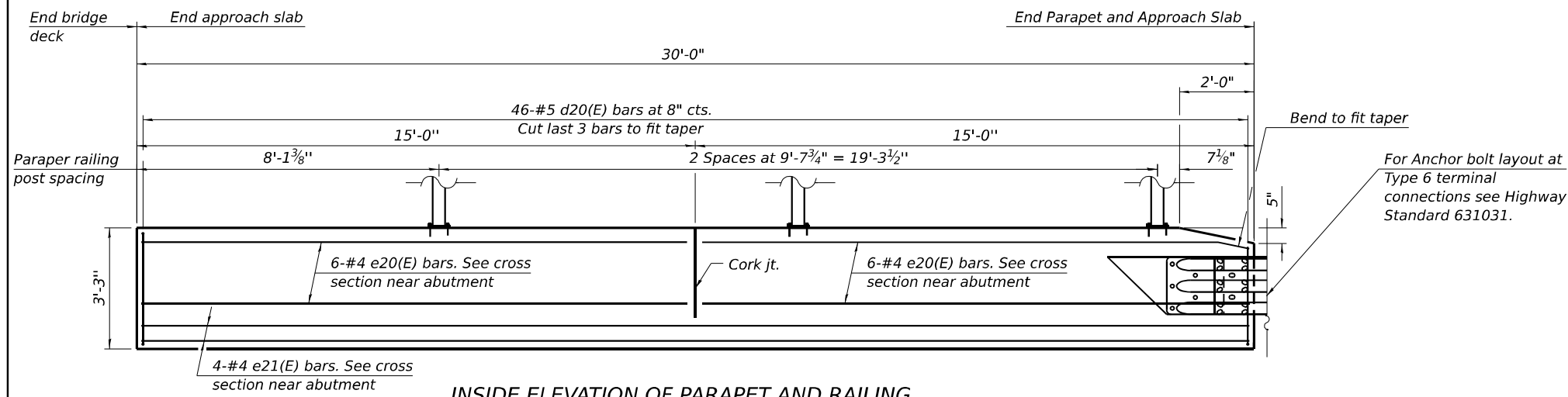
**APPROACH SLAB PLAN AND CROSS SECTION
STRUCTURE NO. 016-0927**

SHEET S-14 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	89
CONTRACT NO. 62W20				

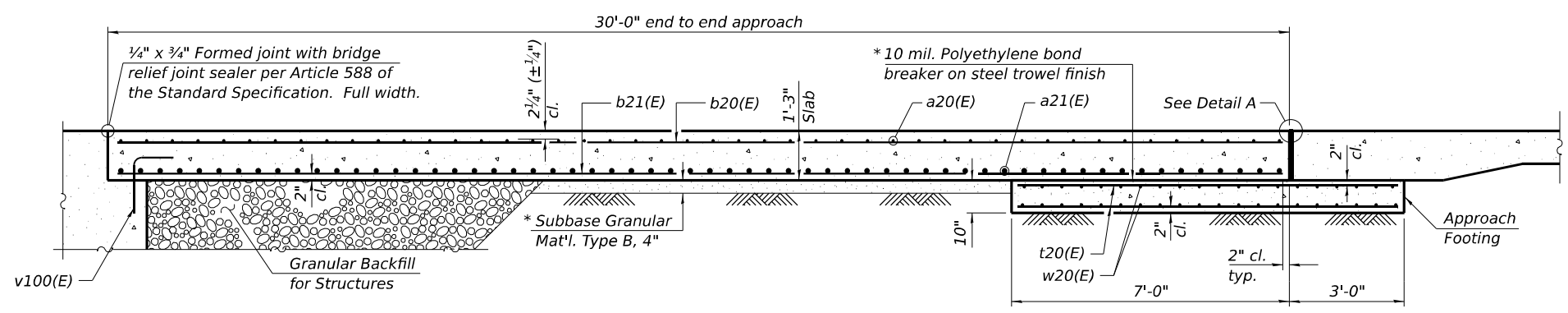
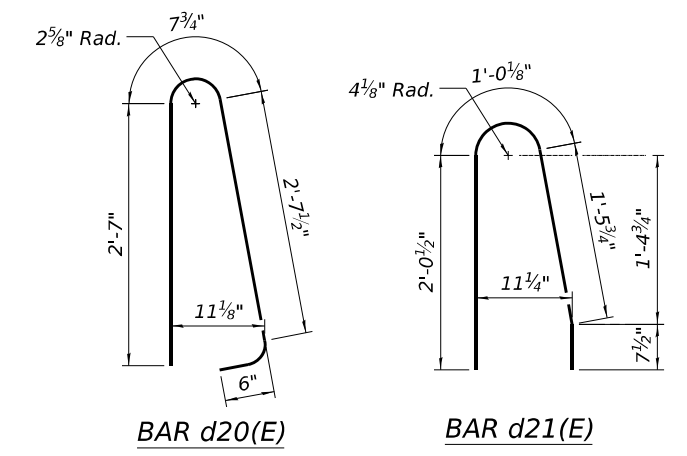
ILLINOIS FED. AID PROJECT

(Sheet 1 of 2)

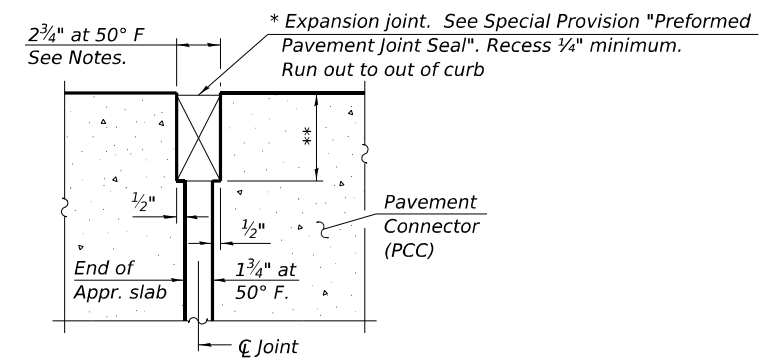


INSIDE ELEVATION OF PARAPET AND RAILING
(North west parapet shown, other three similar)

Notes:
 The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach slab.
 Parapet concrete shall be paid for as Concrete Superstructure.
 Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
 Approach footing concrete shall be paid for as Concrete Structures.
 The approach footing maximum applied service bearing pressure (Q_{max}) = 2.0 ksf.
 Cost of excavation for approach footing included with Concrete Structures.
 For Granular Backfill for Structures and drainage treatment details, see sheet S-2 of S-36.



SECTION A-A



DETAIL A

**TWO APPROACHES
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a20(E)	92	#5	50'-10"	—
a21(E)	120	#8	50'-10"	—
b20(E)	156	#5	29'-8"	—
b21(E)	246	#9	29'-8"	—
d20(E)	184	#5	6'-5"	⌒
d21(E)	184	#5	5'-2"	⌒
e20(E)	48	#4	14'-8"	—
e21(E)	16	#4	29'-8"	—
t20(E)	208	#4	9'-8"	—
w20(E)	80	#5	50'-10"	—
Concrete Superstructure			Cu. Yd.	15.4
Concrete Superstructure (Approach Slab)			Cu. Yd.	142.2
Concrete Structures			Cu. Yd.	31.6
Reinforcement Bars, Epoxy Coated			Pound	59,400

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

(Sheet 2 of 2)

MODEL: Approach Slab Details (Sheet) FILE NAME: c:\pwworking\primarc\p\proj\0162W20-Approach Slab_Details.dgn



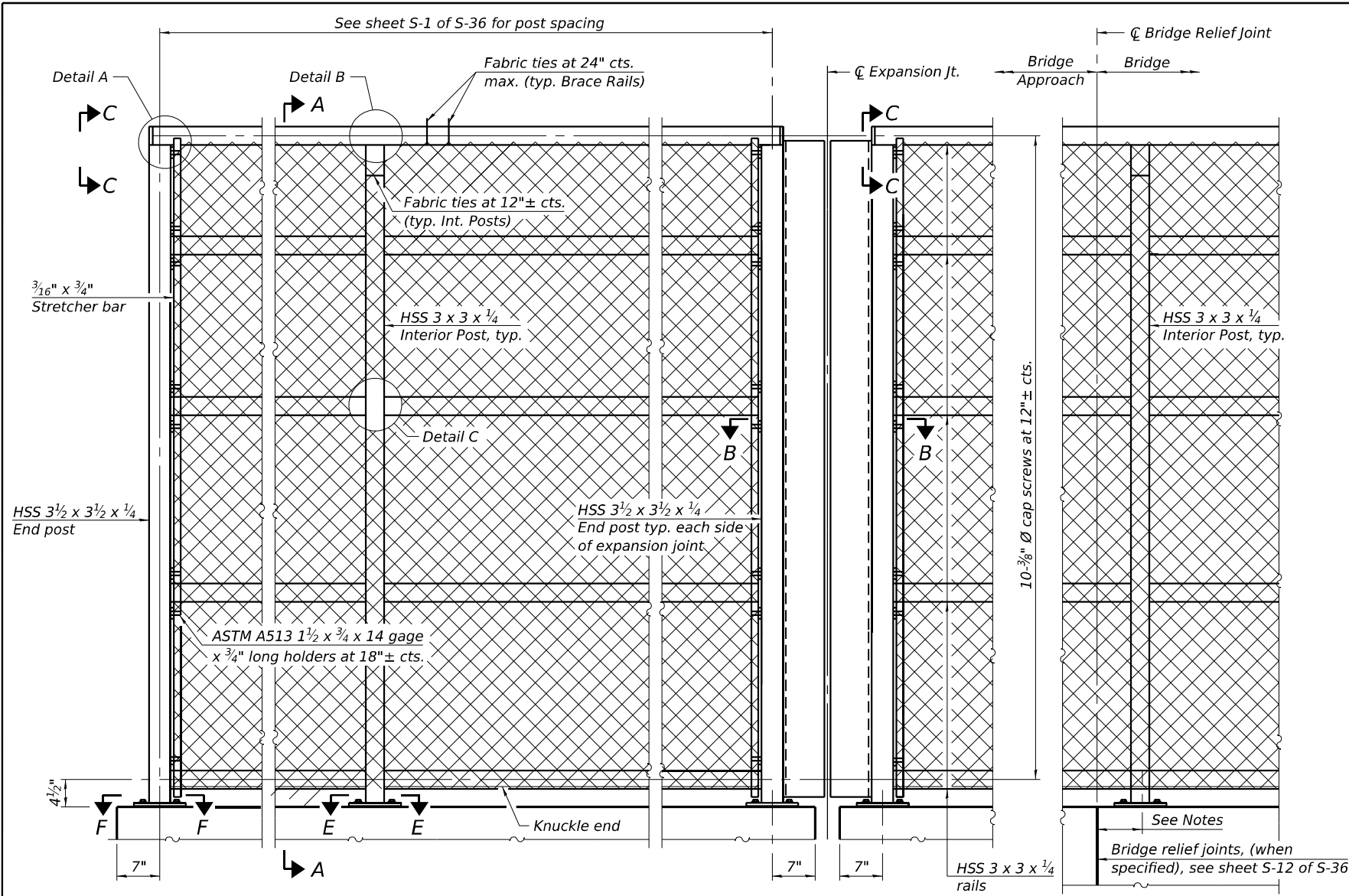
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	DRAWN - MS	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**APPROACH SLAB DETAILS
STRUCTURE NO. 016-0927**

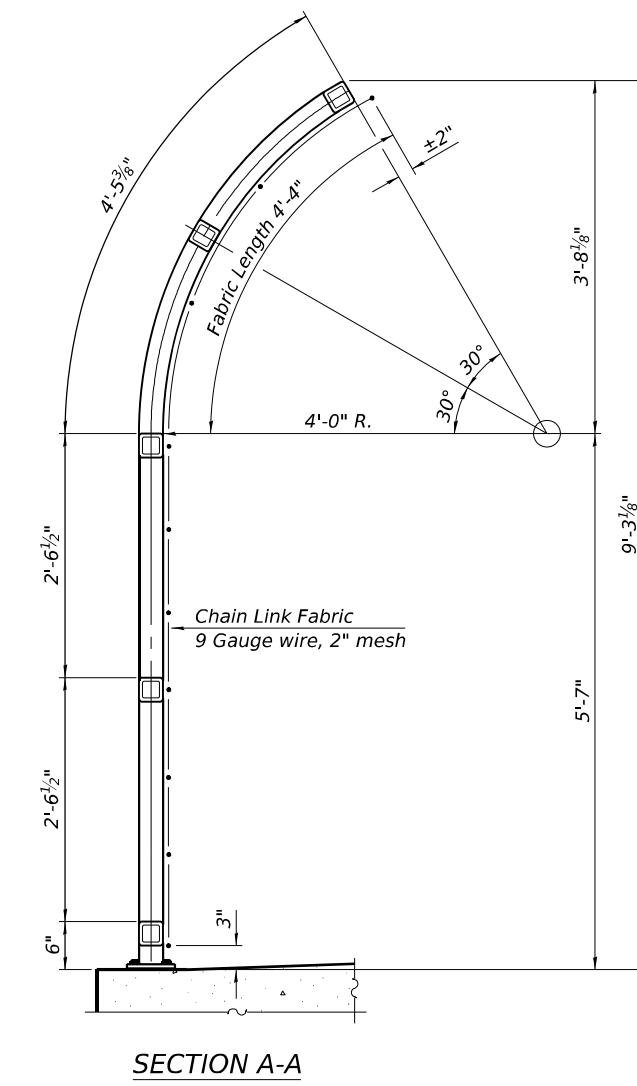
SHEET S-15 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	90
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

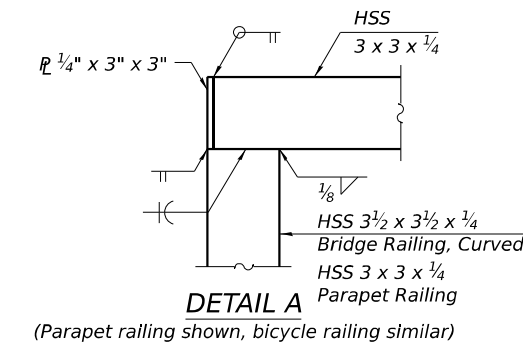


ELEVATION BICYCLE RAILING, CURVED

(Inside face)

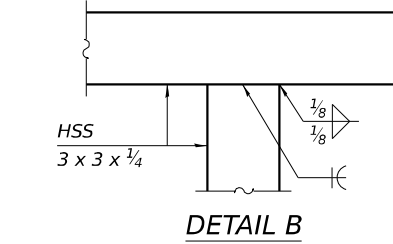


SECTION A-A

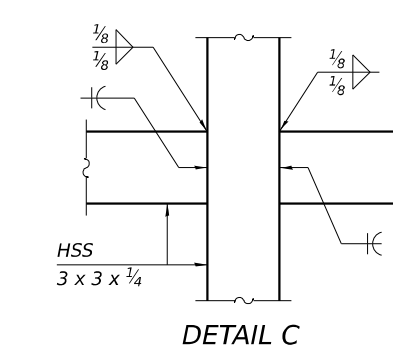


DETAIL A

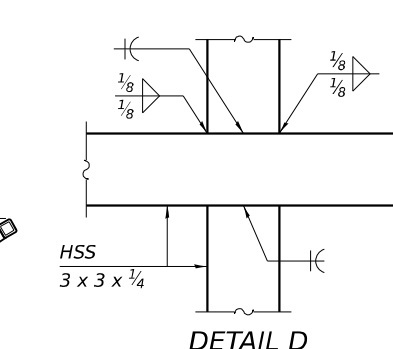
(Parapet railing shown, bicycle railing similar)



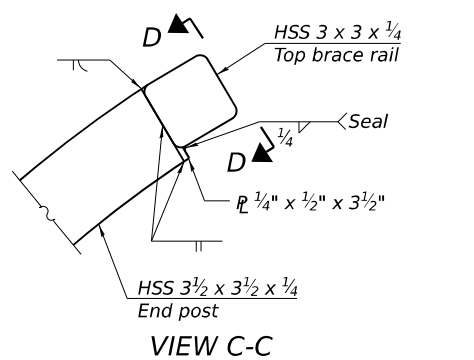
DETAIL B



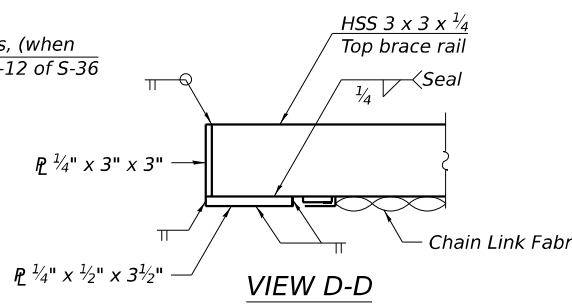
DETAIL C



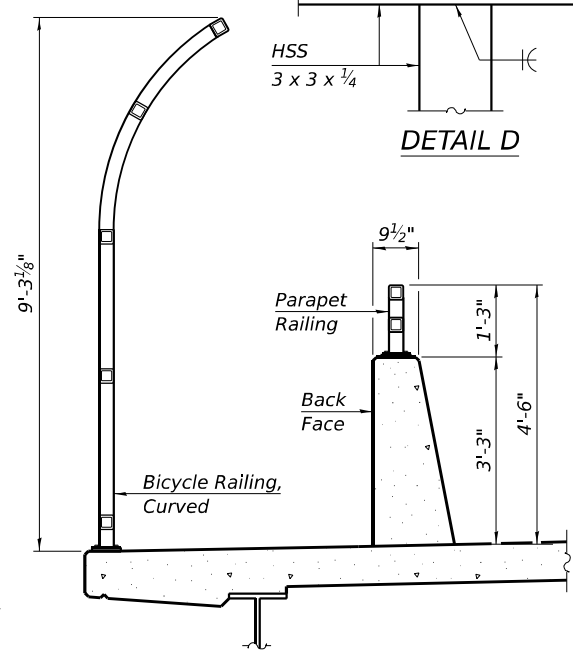
DETAIL D



VIEW C-C



VIEW D-D



SECTION THRU DECK

MODEL: Bicycle Railing Curved and Parapet Railing I (Sheet 1) SHEET NO. 1
FILE NAME: c:\pwworking\pwworking\projects\62w20\Bicycle Railing_Curved and Parapet Railing I.dgn

RAILING CRITERIA	
MASH 2016 Test Level	4
Parapet Railing Weight (plf)	25
Bicycle Railing Weight (plf)	75
Max Post Spacing	10'-0"

R-33 4-4-2025



USER NAME	DESIGNED	REVISIONS
nickbrustin	MS	
	MS	
	STB	
PLOT DATE	DATE	REVISIONS
5/6/2026	5/6/2026	

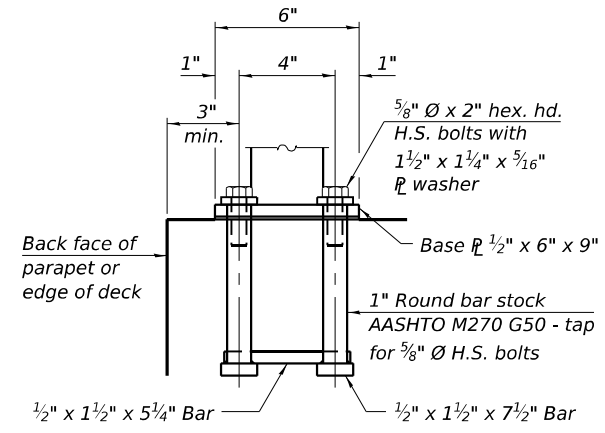
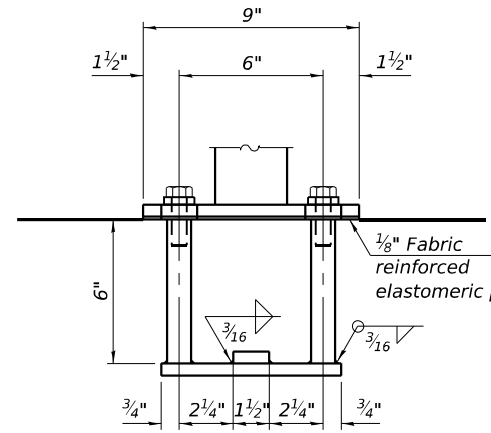
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BICYCLE RAILING, CURVED AND PARAPET RAILING I
STRUCTURE NO. 016-0927**

SHEET S-16 OF S-36 SHEETS

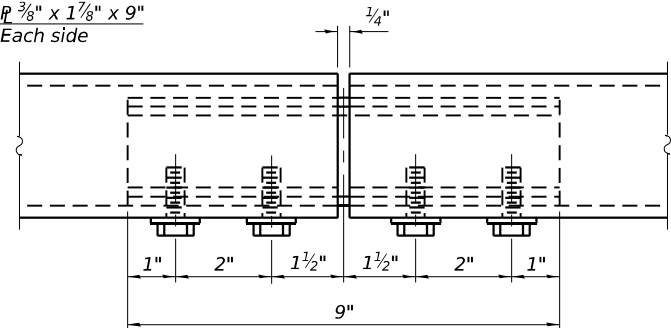
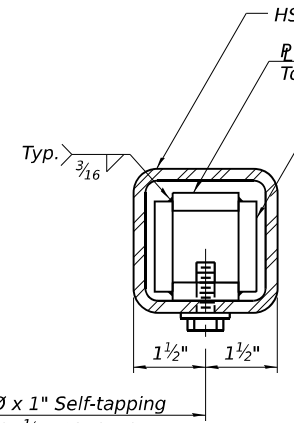
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	91
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

(Sheet 1 of 2)



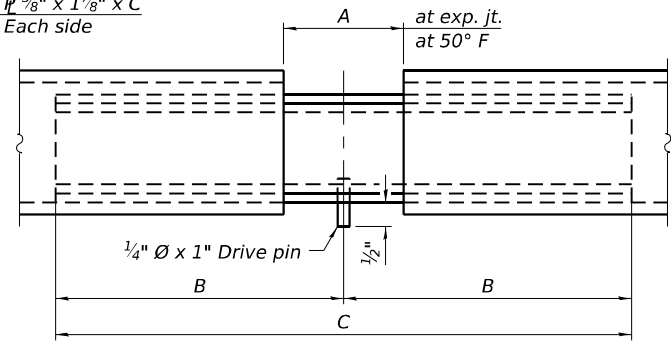
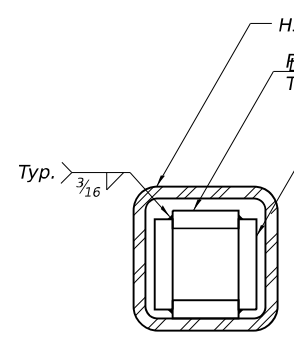
ANCHORAGE ASSEMBLY

The Bicycle Railing, Curved fasteners for end posts near expansion joints may need to be installed prior to installing the bent plates. In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" Ø fully threaded anchor rods with the same plate washers as specified above and heavy hex lock nuts according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

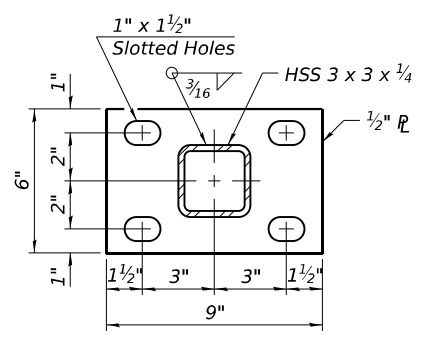


MATERIAL SPLICE

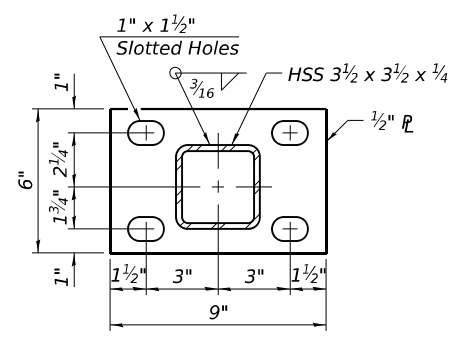
3/8" Ø x 1" Self-tapping HHCS in 1/2" Ø holes in HSS tubing and pilot holes per manufacturer in plates



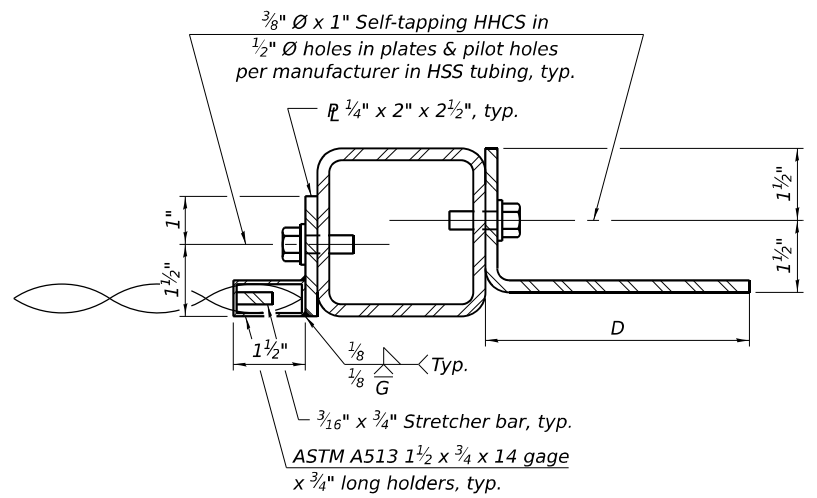
EXPANSION SPLICE



SECTION E-E



SECTION F-F



SECTION B-B

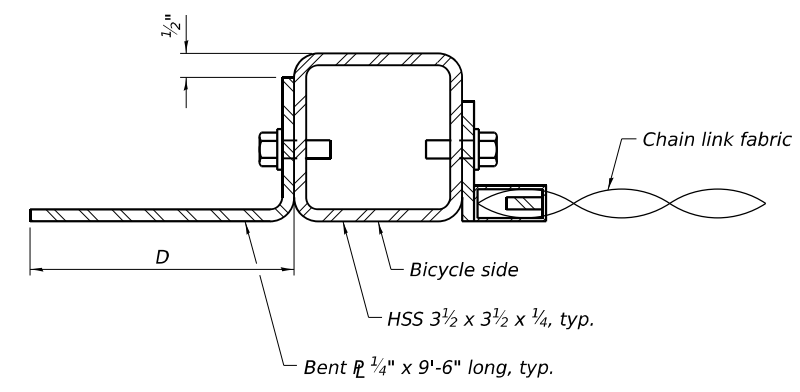


TABLE OF DIMENSIONS

Location	T	A	B	C	D	E
Over Strip Seal Jt.	≤4"	2 1/2"	1'-2"	2'-4"	3 3/4"	6 1/4"
Over Finger or Modular Jt.	≤9 1/2"	5 1/2"	1'-7 3/4"	3'-3 1/2"	6"	9 3/4"
Over Finger or Modular Jt.	≤15"	8 1/4"	2'-1 1/4"	4'-2 1/2"	8 3/4"	13 7/8"
At Light Poles	8"	NA - Coordinate 8" Wide Access With Fabricator				
At Bridge Relief Joints	NA - Material Splices Per Fabricator					

T = ; total movement based on total temperature range from -20°F to 120°F along centerline of roadway at expansion joint.
 OR
 8" hand-hole access for maintenance of light poles (when present; replace splice with 8" gap).

BILL OF MATERIAL

Item	Unit	Quantity
Bicycle Railing, Curved	Foot	568
Parapet Railing	Foot	560

(Sheet 2 of 2)

MODEL: Bicycle Railing, Curved and Parapet Railing II (Sheet) FILE NAME: c:\pwworking\pma\apropod\kuzajarms61751\0162W20-Bicycle Railing, Curved and Parapet Railing II.dgn



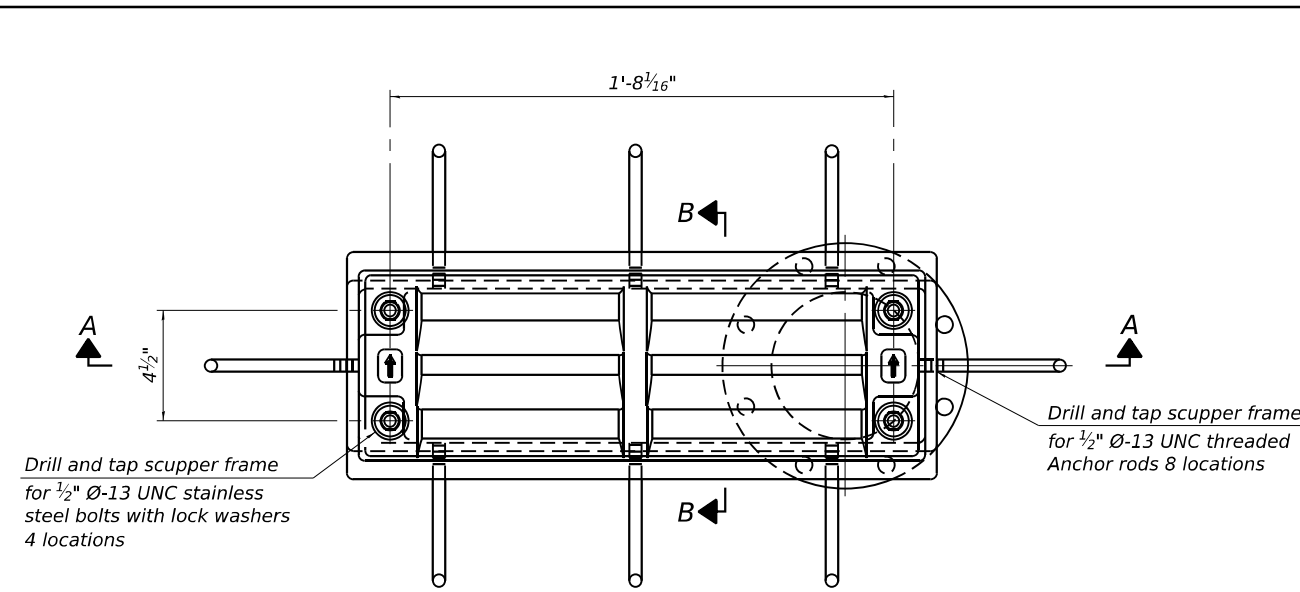
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PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

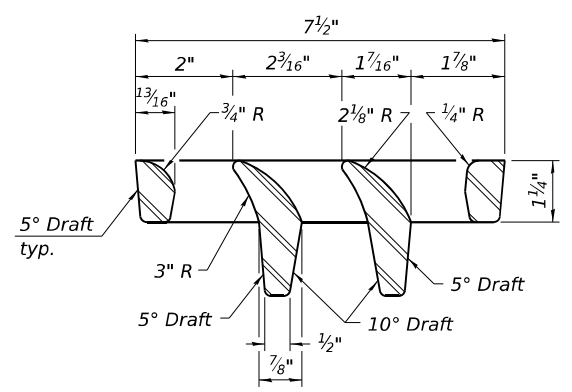
**BICYCLE RAILING, CURVED AND PARAPET RAILING II
STRUCTURE NO. 016-0927**

SHEET S-17 OF S-36 SHEETS

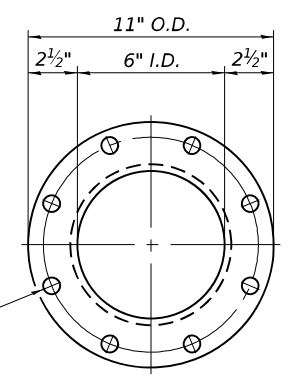
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	92
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



PLAN



VANE GRATE DETAIL



VIEW C-C

Notes:

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M105, Class 35B and AASHTO M306. Bolts, anchor rods, nuts and washers shall be according to ASTM A307 and shall be galvanized according to AASHTO M232. As an alternate stainless steel may be used.

Stainless steel hardware shall be according to Article 1006.29(d) of the Standard Specifications.

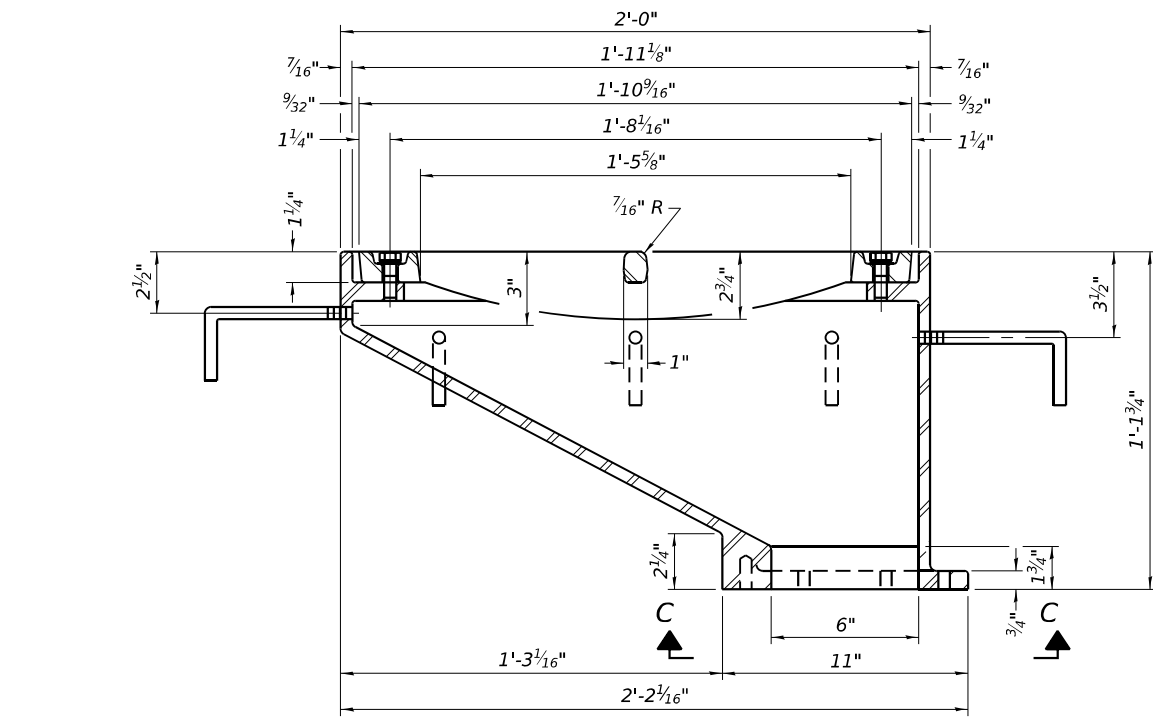
Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frames and downspouts; however, the scupper grates shall remain cast iron. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval.

Structural steel scupper frames and downspouts, when utilized, shall be galvanized according to AASHTO M111.

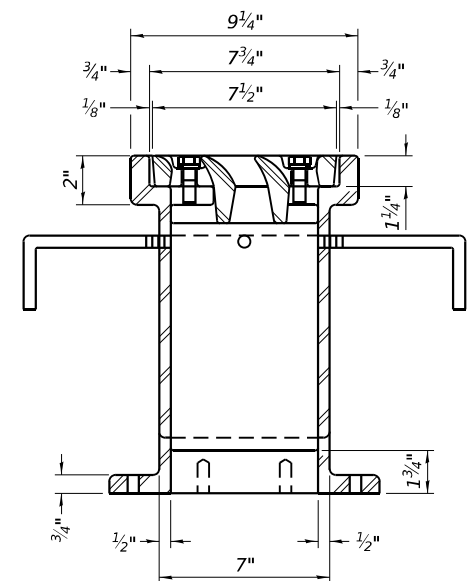
As an alternate, fiberglass may be used for downspouts according to ASTM D2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. in lieu of the cast iron or structural steel.

The exterior surfaces of downspouts, and exterior exposed surfaces of the scupper frame below deck shall be the color of the adjacent beam. The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.

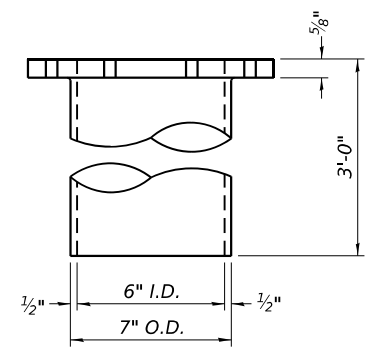
Cost of the grate, frame, downspout, anchor rods, nuts and washers including complete installation of the scupper shall be paid for at the contract unit price for Drainage Scuppers, DS-12.



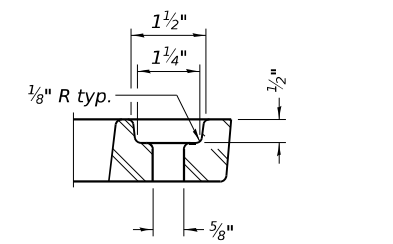
SECTION A-A
See sheet S-11 of S-36 for scupper location relative to parapet.



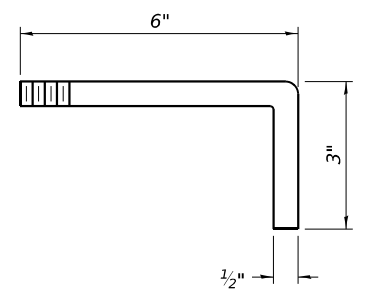
SECTION B-B



DOWNSPOUT



GRATE BOLT HOLE DETAIL



ANCHOR ROD DETAIL

Drill and tap 8 holes for 3/4" Ø-10 UNC bolts on 9 1/2" Ø bolt circle. (2 blind holes are 1 1/4" deep, 6 thru holes)

BILL OF MATERIAL

Item	Unit	Quantity
Drainage Scuppers, DS-12	Each	4

MODEL: Drainage Details (Sheet)
FILE NAME: c:\pwworking\primera\pwworking\kuczajdms6751\1\162\2\0-Drainage Details.dgn

DS-12

4-15-2026



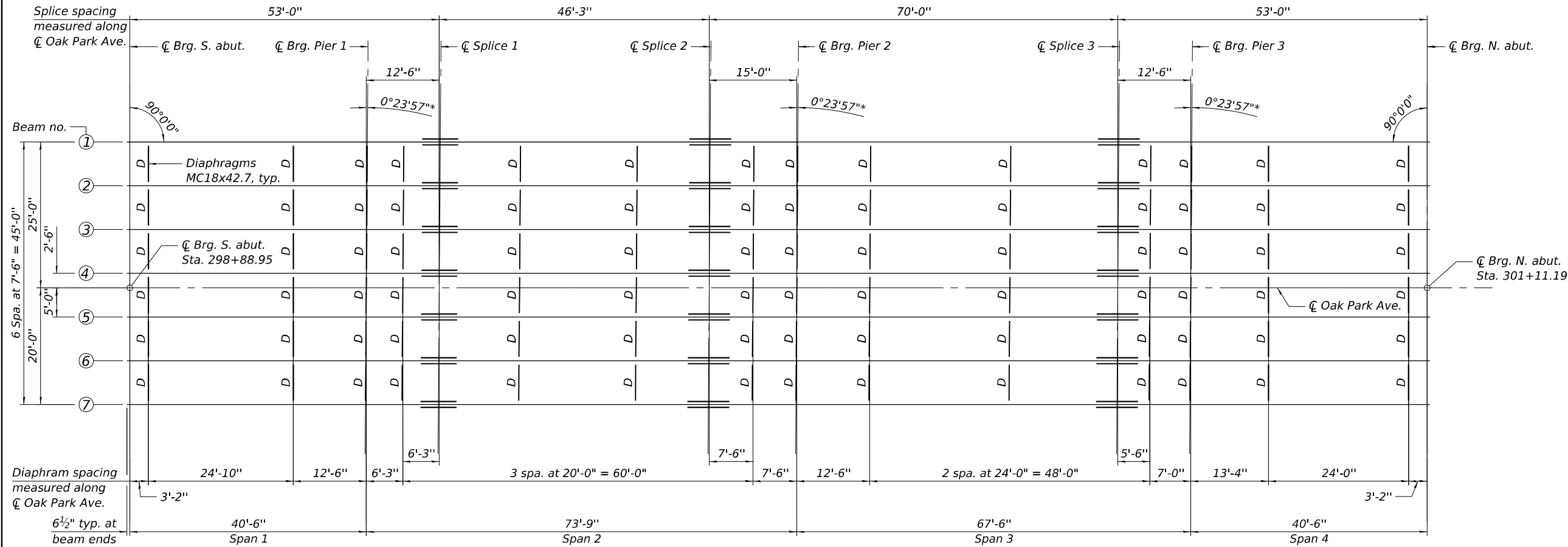
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PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

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DRAINAGE SCUPPERS, DS-12
STRUCTURE NO. 016-0927

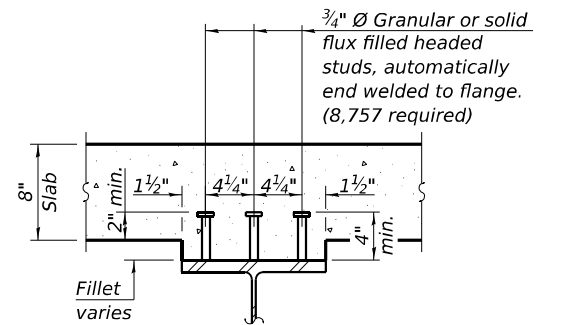
SHEET S-18 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	93
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

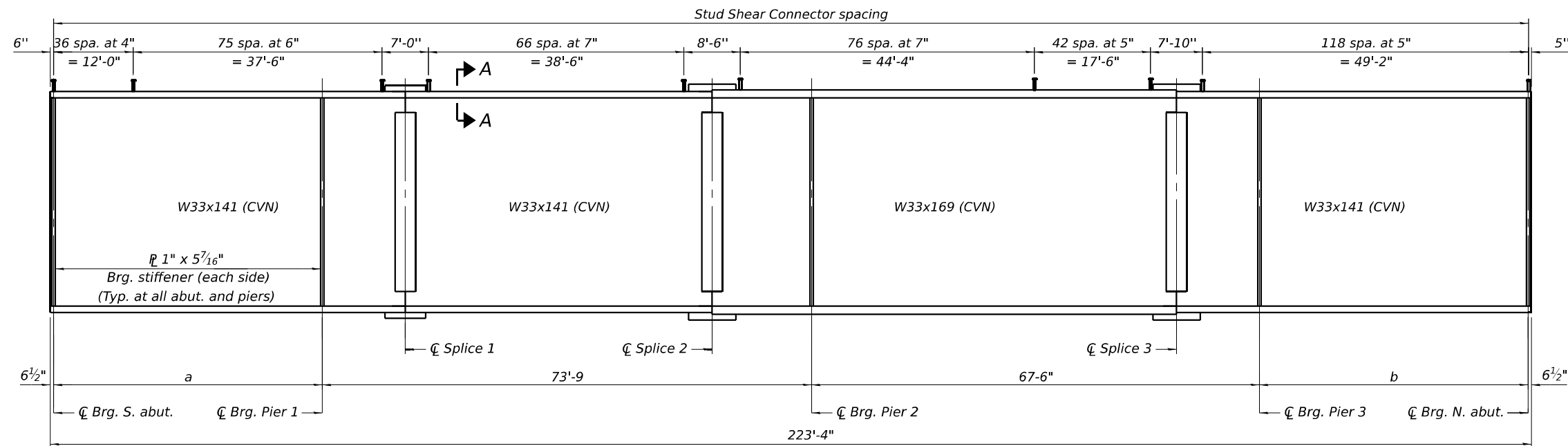


FRAMING PLAN

* typ. at splices and diaphragm locations from Pier 1 to Pier 3



SECTION A-A



BEAM ELEVATION
(All beams shall be Gr. 50)

BEAM DIMENSIONS

(Measured along \bar{C} beam)

Beam	a	b
1	40'-8 1/16"	40'-3 15/16"
2	40'-7 7/16"	40'-9 9/16"
3	40'-6 13/16"	40'-5 3/16"
4	40'-6 3/16"	40'-5 1/16"
5	40'-5 9/16"	40'-6 1/16"
6	40'-4 15/16"	40'-7 1/16"
7	40'-4 3/16"	40'-7 11/16"

Notes:

Load carrying components designated "CVN" shall conform to the Charpy-V-Notch Impact Energy Requirements, Zone 2.

All diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual diaphragms at supports may be temporarily disconnected to install bearing anchor bolts.

MODEL: Framing Plan (Sheet)
FILE NAME: c:\pwworking\pwworking\projects\11111111\Framing Plan.dgn



USER NAME = kingaludzja	DESIGNED - KL	REVISED -
	DRAWN - NMB	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAMING PLAN
STRUCTURE NO. 016-0927

SHEET S-19 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	94
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

INTERIOR GIRDER MOMENT TABLE								
		0.3 Span 1	Pier 1	0.5 Span 2	Pier 2	0.5 Span 3	Pier 3	0.6 Span 4
I_s	(in ⁴)	7450	7450	7450	9290	9290	7450	7450
$I_{r(n)}$	(in ⁴)	21236	21236	21236	25187	25187	21236	21236
$I_{c(3n)}$	(in ⁴)	16055	16055	16055	18798	18798	16055	16055
$I_{c(cr)}$	(in ⁴)	-	9878	-	11840	-	9878	-
S_s	(in ³)	448	448	448	549	549	448	448
$S_{c(n)}$	(in ³)	667	667	667	800	800	667	667
$S_{c(3n)}$	(in ³)	609	609	609	728	728	609	609
$S_{c(cr)}$	(in ³)	-	504	-	608	-	504	-
S_x	(in ³)	766	512	766	623	877	512	766
DC1	(k/')	0.81	0.81	0.81	0.81	0.81	0.81	0.81
M_{DC1}	('k)	39	-335	253	-491	200	-248	37
DC2	(k/')	0.18	0.18	0.18	0.18	0.18	0.18	0.18
M_{DC2}	('k)	8	-64	48	-89	36	-46	7
DW	(k/')	0.23	0.23	0.23	0.23	0.23	0.23	0.23
M_{DW}	('k)	10	-80	60	-112	45	-58	18
LLDF		0.71	0.66	0.64	0.64	0.65	0.67	0.71
M_{LL+IM}	('k)	269	-628	606	-705	559	-516	255
f_t (Strength I)	(ksi)	0	0	0	0	0	0	0
$M_u + 1/3 f_t S_x$	('k)	544	-1717	1526	-2128	1341	-1357	528
$\phi_f M_n$	('k)	3446	2219	3446	2717	4005	2219	3446
f_s DC1	(ksi)	1.05	-8.96	6.77	-10.73	4.38	-6.64	0.99
f_s DC2	(ksi)	0.15	-1.51	0.94	-1.76	0.59	-1.10	0.14
f_s DW	(ksi)	0.02	-1.90	1.19	-2.22	0.74	-1.38	0.36
f_s (LL+IM)	(ksi)	4.85	-14.96	10.90	-13.91	8.39	-12.28	4.58
f_t (Service II)	(ksi)	0	0	0	0	0	0	0
$f_s + f_t/2$ (Service II)	(ksi)	7.52	-31.83	23.07	-32.79	16.61	-25.08	7.44
Service II Resistance	(ksi)	47.5	47.5	47.5	47.5	47.5	47.5	47.5
$f_s + f_t/3$ (Strength I)	(ksi)	10.01	-42.13	30.50	-43.28	22.00	-33.23	9.97
$\phi_f F_n$	(ksi)	-	-	-	-	-	-	-
V_r	(k)	34.52	-	35.73	-	35.86	-	32.52

GIRDER REACTION TABLE						
	S. Abut.	Pier 1	Pier 2	Pier 3	N. Abut.	
LLDF	0.78	0.78	0.78	0.78	0.78	
OCF	-	-	-	-	-	
R_{DC1}	(k)	12.3	60.9	75.9	53.9	15.5
R_{DC2}	(k)	2.3	11.5	13.9	10.0	2.9
$R_{Approach}$	(k)	25.3	-	-	-	25.3
R_{DW}	(k)	2.9	14.5	17.4	12.6	3.7
R_{LL}	(k)	53.5	90.5	92.1	84.4	55.1
R_{IM}	(k)	15.6	19.5	17.9	18.8	15.6
R_{Total} (Strength I)(Impact)	(k)	175	305	331	279	184
R_{Total} (Strength I)(No Impact)	(k)	148	271	300	246	157

TOP OF BEAM ELEVATIONS (FOR FABRICATION ONLY)								
Location	☐ Bearing S. Abut	☐ Bearing Pier 1	☐ Splice 1	☐ Splice 2	☐ Bearing Pier 2	☐ Splice 3	☐ Bearing Pier 3	☐ Bearing N. Abut.
Beam 1	718.32	718.83	718.96	719.21	719.18	718.94	718.80	718.32
Beam 2	718.45	718.95	719.08	719.33	719.30	719.07	718.93	718.44
Beam 3	718.58	719.09	719.22	719.47	719.44	719.20	719.07	718.58
Beam 4	718.69	719.20	719.33	719.58	719.55	719.31	719.18	718.69
Beam 5	718.66	719.16	719.26	719.54	719.51	719.28	719.14	718.65
Beam 6	718.54	719.04	719.17	719.43	719.40	719.16	719.03	718.54
Beam 7	718.41	718.91	719.04	719.29	719.26	719.03	718.97	718.40

I_s, S_s : Non-composite moment of inertia and section modulus of the steel section used for computing f_s (Total-Strength I, and Service II) due to non-composite dead loads (in.⁴ and in.³).

$I_{c(n)}, S_{c(n)}$: Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections due to short-term composite live loads (in.⁴ and in.³).

$I_{c(3n)}, S_{c(3n)}$: Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections, due to long-term composite (superimposed) dead loads (in.⁴ and in.³).

$I_{c(cr)}, S_{c(cr)}$: Composite moment of inertia and section modulus of the steel and longitudinal deck reinforcement, used for computing f_s (Total-Strength I and Service II) in cracked sections, due to both short-term composite live loads and long-term composite (superimposed) dead loads (in.⁴ and in.³).

S_x : Section modulus about the major axis of a section to the controlling flange, tension or compression, taken as yield moment with respect to the controlling flange over the yield strength of the controlling flange (in.³).

DC1: Un-factored non-composite dead load (kips/ft.).

M_{DC1} : Un-factored moment due to non-composite dead load (kip-ft.).

DC2: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).

M_{DC2} : Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).

DW: Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).

M_{DW} : Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).

LLDF: Live Load Distribution Factor for moment and shear computed according to Article 4.6.2.2 and further IDOT provisions.

M_{LL+IM} : Un-factored live load moment plus dynamic load allowance (impact) (kip-ft.).

M_u : Strength I load combination of factored design moments (kip-ft.).
 $1.25 (M_{DC1} + M_{DC2}) + 1.5 M_{DW} + 1.75 M_{LL+IM}$

f_t : Factored calculated flange lateral bending stress as calculated using Article 6.10.1.6 and as further simplified by IDOT provisions (ksi).

$\phi_f M_n$: Factored nominal flexural resistance of the section determined as specified in Article 6.10.7.1 or A6 as applicable (kip-ft.).

f_s DC1: Un-factored stress at edge of flange for controlling steel flange due to vertical non-composite dead loads as calculated below (ksi).
 M_{DC1} / S_s

f_s DC2: Un-factored stress at edge of flange for controlling steel flange due to vertical composite dead loads as calculated below (ksi).
 $M_{DC2} / S_{c(3n)}$ or $M_{DC2} / S_{c(cr)}$ as applicable.

f_s DW: Un-factored stress at edge of flange for controlling steel flange due to vertical composite future wearing surface loads as calculated below (ksi).
 $M_{DW} / S_{c(3n)}$ or $M_{DW} / S_{c(cr)}$ as applicable.

f_s (LL+IM): Un-factored stress at edge of flange for controlling steel flange due to vertical composite live load plus impact loads as calculated below (ksi).
 $M_{LL+IM} / S_{c(n)}$ or $M_{LL+IM} / S_{c(cr)}$ as applicable.

$f_s + f_t/2$ (Service II): Sum of stresses as computed below (ksi).
 f_s DC1 + f_s DC2 + f_s DW + $1.3 f_s$ (LL+IM) + $f_t/2$

Service II Resistance: Composite (0.95 $R_n F_y$) stress capacity according to Article 6.10.4.2 (ksi).

$f_s + f_t/3$ (Strength I): Sum of stresses as computed below on non-compact sections (ksi).
 $1.25 (f_s$ DC1 + f_s DC2) + $1.5 f_s$ DW + $1.75 f_s$ (LL+IM) + $f_t/3$

$\phi_f F_n$: Factored nominal flexural resistance of the section as specified in Article 6.10.7.2 or 6.10.8 as applicable (ksi).

V_r : Maximum factored shear range in span computed according to Article 6.10.10.

OCF: Obtuse Correction Factor according to Article 4.6.2.2.3c or as further simplified by IDOT provisions.

R_{DC1} : Un-factored reaction due to non-composite dead load (kip).

R_{DC2} : Un-factored reaction due to long-term composite (superimposed excluding future wearing surface) dead load (kip).

R_{DW} : Un-factored reaction due to long-term composite (superimposed future wearing surface only) dead load (kip).

R_{LL} : Un-factored live load reaction (kip).

R_{IM} : Un-factored dynamic load allowance (impact) (kip).

R_{Total} (Strength I)(Impact): Strength I load combination of factored design reactions (kip).
 $1.25 (R_{DC1} + R_{DC2}) + 1.5 R_{DW} + 1.75 (R_{LL} + R_{IM})$

R_{Total} (Strength I)(No Impact): Strength I load combination of factored design reactions, not including dynamic load allowance (impact) (kip).
 $1.25 (R_{DC1} + R_{DC2}) + 1.5 R_{DW} + 1.75 R_{LL}$

MODEL - Structural Steel Detail (Sheet) I (Sheet)
 FILE NAME - c:\pwworking\primear\pwworking\kuzia\dms61751\10162W20-Structural Steel Details I.dgn



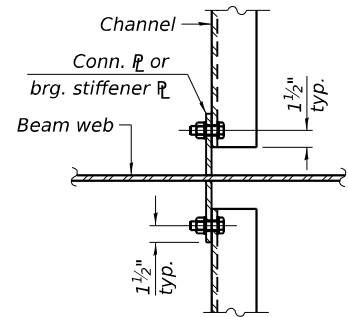
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	DRAWN - KL	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

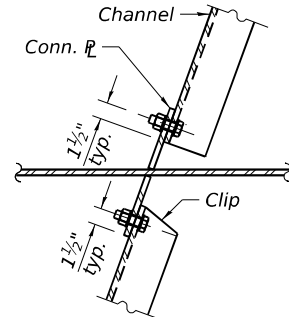
**STRUCTURAL STEEL DETAILS I
 STRUCTURE NO. 016-0927**

SHEET S-20 OF S-36 SHEETS

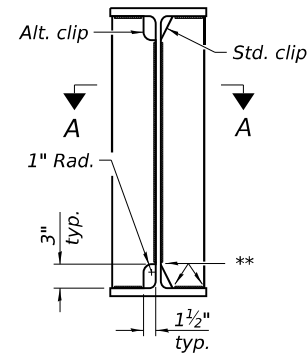
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80	FAI 80 23 Bridge Replacement 2	COOK	158	95
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



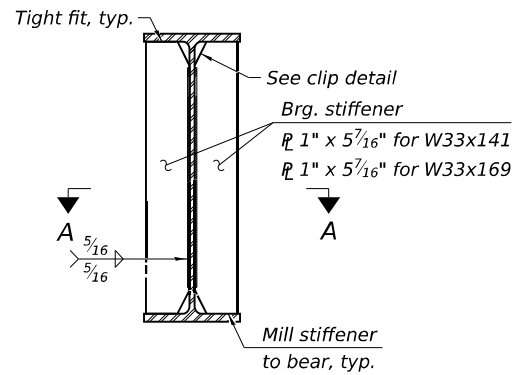
DETAIL A
(At abutments and in span 1 and 4)



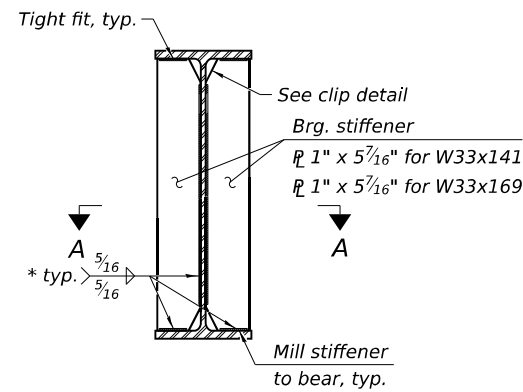
DETAIL A
(At piers and in spans 2 and 3)



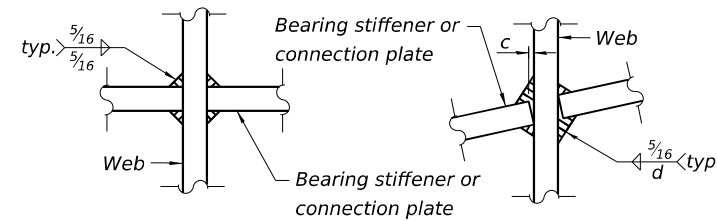
WELD LIMITS AND CLIP DETAILS
** Stop welds $\frac{3}{4}$ " ($\pm\frac{1}{8}$ ") from edges as shown. Typical.



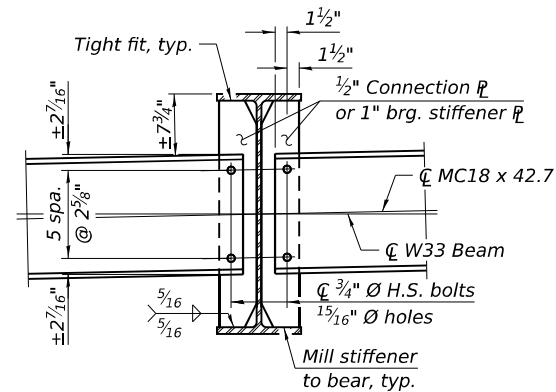
BEARING STIFFENER DETAIL (ABUTMENTS)



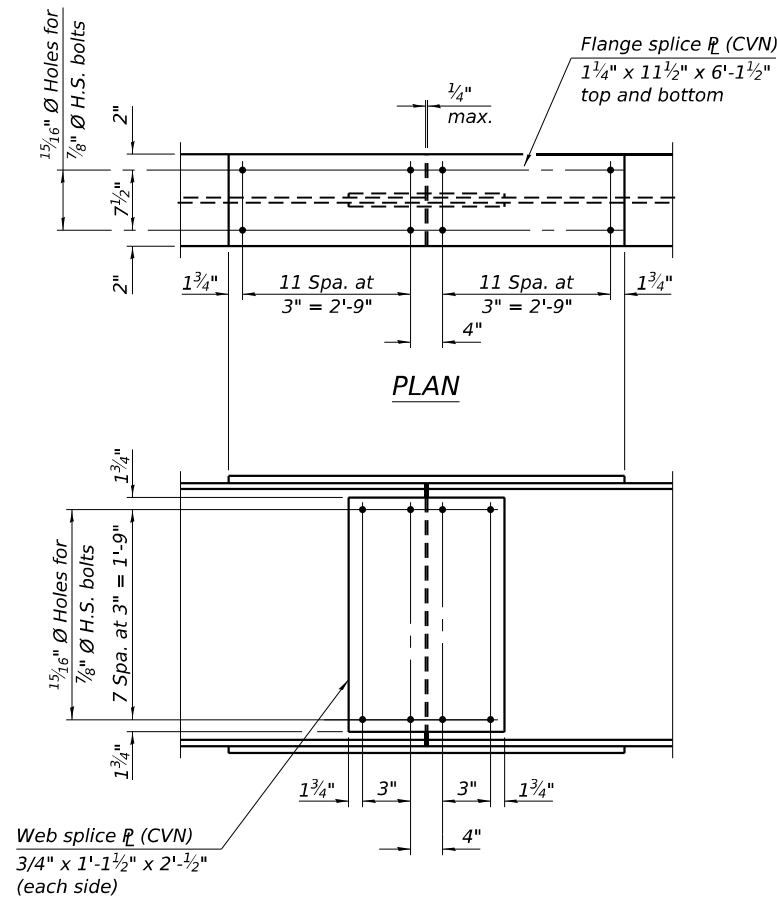
BEARING STIFFENER DETAIL (PIERS)
* Stop welds $\frac{3}{4}$ " ($\pm\frac{1}{8}$ ") from edges as shown. Typical.



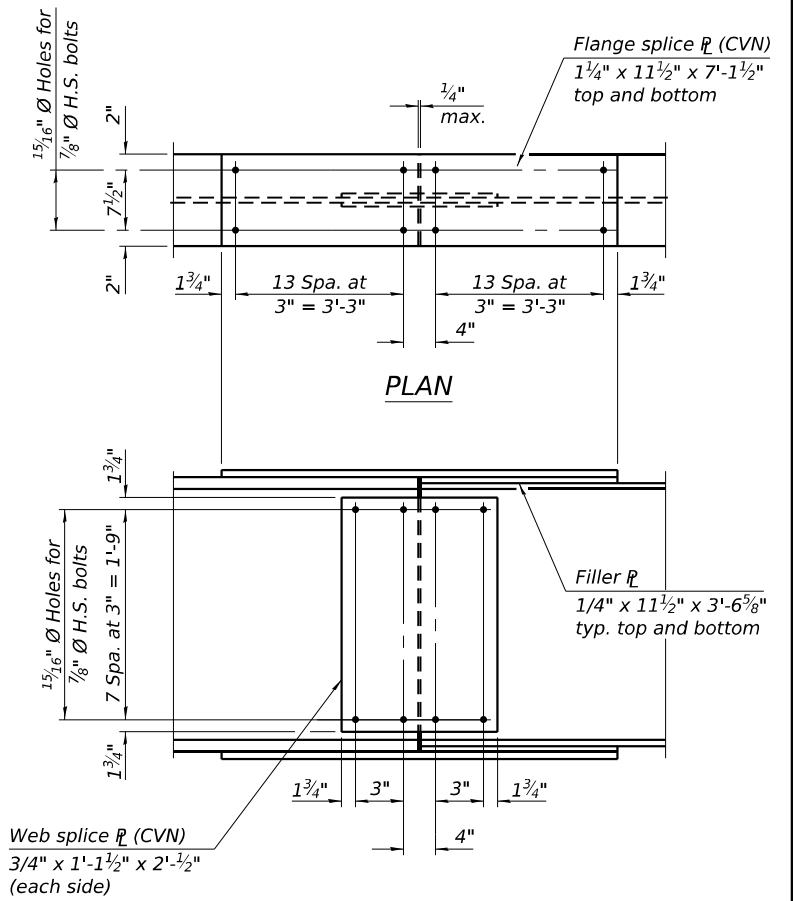
SECTION A-A
(At abutments and in span 1 and 4) **SECTION A-A**
(At piers and in spans 2 and 3)
WEB WELD DETAIL
 $d = \frac{5}{16} + c$



DIAPHRAGM
* 3 sides of each stiffener and/or connection plate.



SPlice 1 DETAIL
(7 Required)



SPlice 2 & 3 DETAIL
(14 Required)

Notes:
Two hardened washers required for each set of oversized holes.
Alternate channels of equal depth or larger weight are permitted to facilitate material acquisition.
Alternate channels, if utilized, shall be provided to no additional cost to the Department.
All diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual diaphragms at supports may be temporarily disconnected to install bearing anchor bolts.
All bearing plates, side retainers, anchor bolts, nuts, washers, and pintles shall be galvanized according to AASHTO M111 or M232 as applicable.
All splices are symmetrical about \bar{C} splice except for fill plates.
Load carrying components designated "CVN" shall conform to the Charpy-V-Notch Impac Energy requirements, Zone 2.
All splice plates shall be AASHTO M270, Grade 50.

MODEL: Structural Steel Details II(Sheet)
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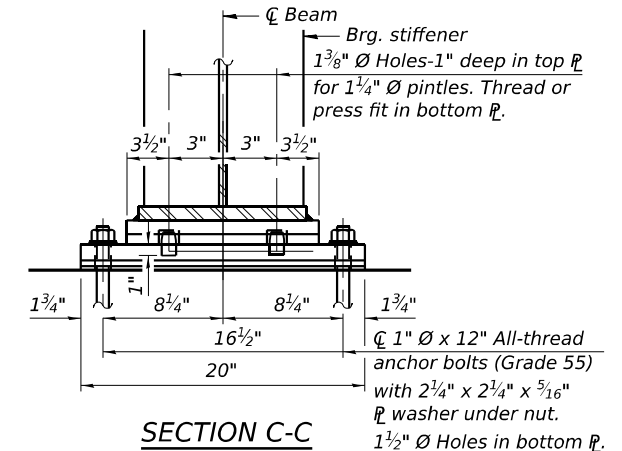
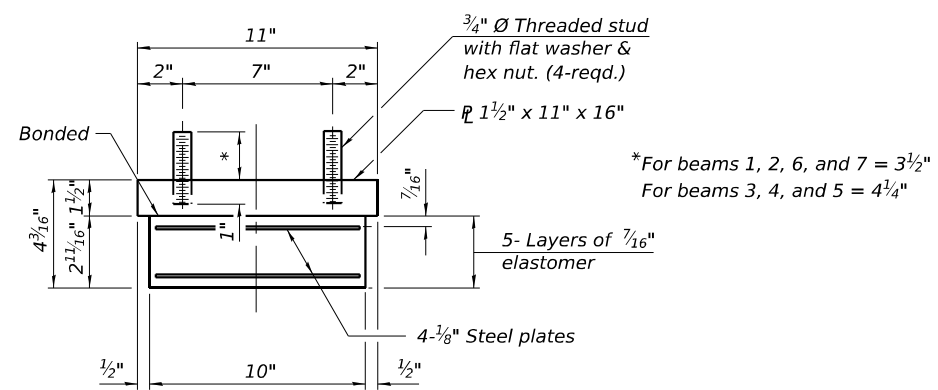
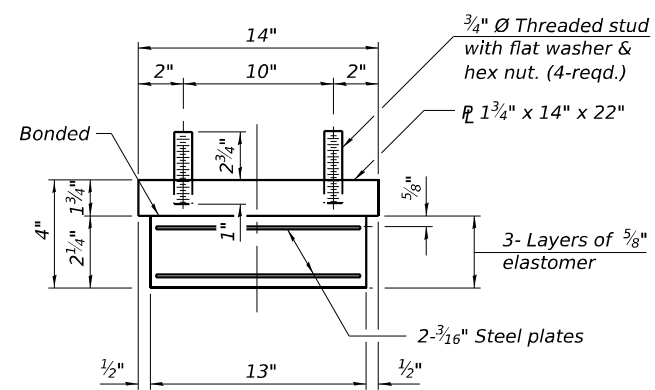
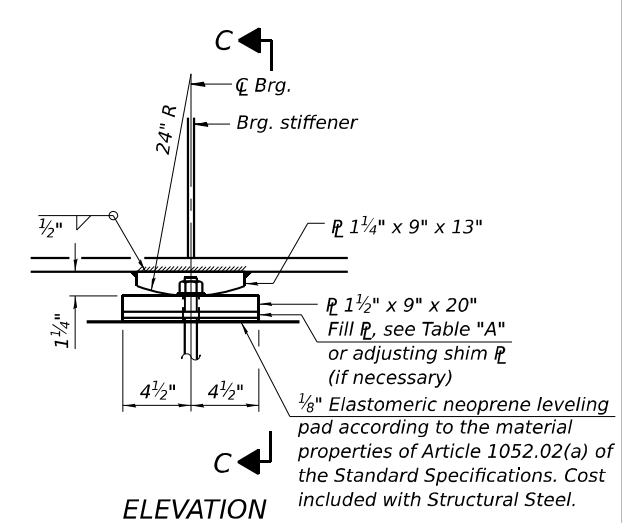
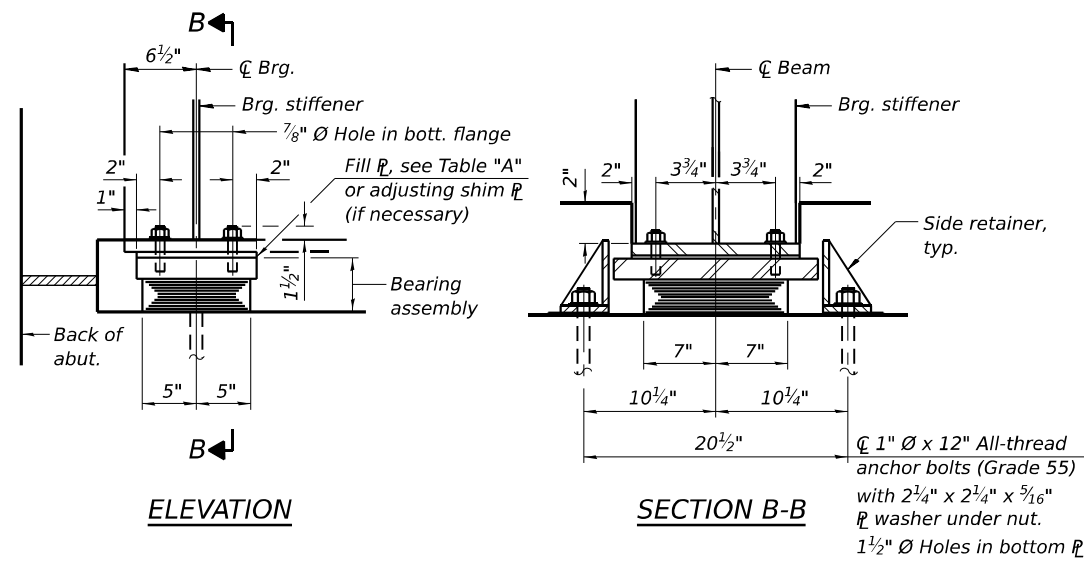
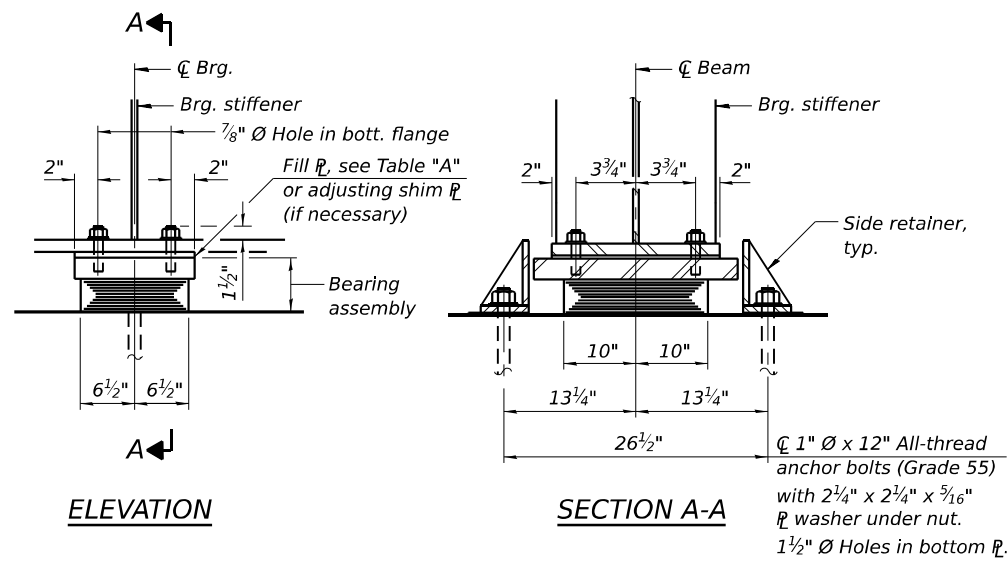
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	DRAWN - KL	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

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STRUCTURAL STEEL DETAILS II
STRUCTURE NO. 016-0927

SHEET S-21 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	96
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

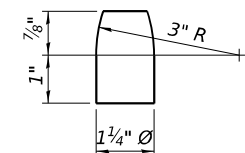


BEARING ASSEMBLY

Note:
Fill plates and shim plates shall not be placed under bearing assembly.

BEARING ASSEMBLY

Note:
Fill plates and shim plates shall not be placed under bearing assembly.



PINTLE

FIXED BEARING AT PIER 2

All steel plates and pintles of the fixed bearing shall be AASHTO M270, Grade 50.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	28
Anchor Bolts, 1"	Each	70

TABLE "A"

Beam No.	Fill Plate Thickness (in.)				
	S. Abut.	Pier 1	Pier 2	Pier 3	N. Abut.
1	1/4	-	-	-	3/8
2	1/2	-	-	-	1/2
3	1 1/4	-	-	-	1 1/4
4	1 3/4	1/2	1/2	1/2	1 3/4
5	1 1/4	-	-	-	1 1/4
6	1	-	-	-	1
7	3/8	-	-	-	1/4

MODEL: Bearing Details(Sheet)
FILE NAME: c:\pwworking\pinnacle\pinnacle\kuzia\dms61751\1D162W20-Bearing Details.dgn

1/4" Stainless steel plate, A240, Type 304, No. 1 finish.

SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

TYPE I ELASTOMERIC EXP. BRG. AT PIERS 1 & 3

TYPE I ELASTOMERIC EXP. BRG. AT ABUTMENTS

Notes:
Side retainers and stainless steel plates shall be included in the cost of Elastomeric Bearing Assembly, Type I.
Anchor bolts and side retainers at all supports shall be installed as each member is erected unless an equivalent temporary means of lateral restraint is used.
Two 1/8 in. adjusting shims shall be provided for each bearing in addition to the other plates or shims and placed as shown on bearing details.
All bearing plates, side retainers, anchor bolts, nuts, washers, and pintles shall be galvanized according to AASHTO M111 or M232 as applicable.



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	CHECKED - STB	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEARING DETAILS
STRUCTURE NO. 016-0927
SHEET S-22 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	97
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

Notes:

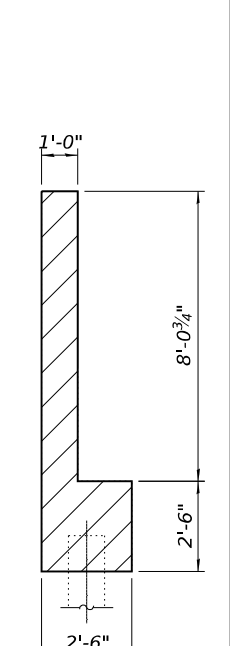
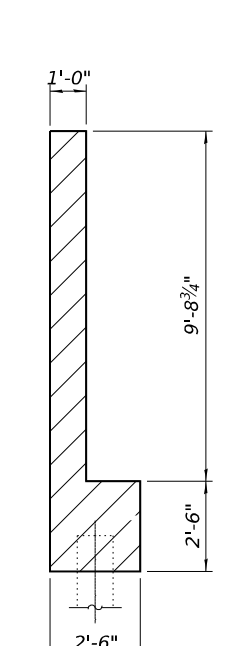
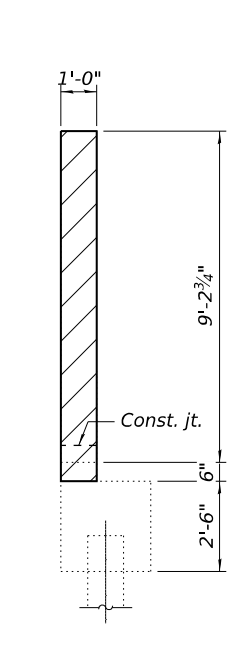
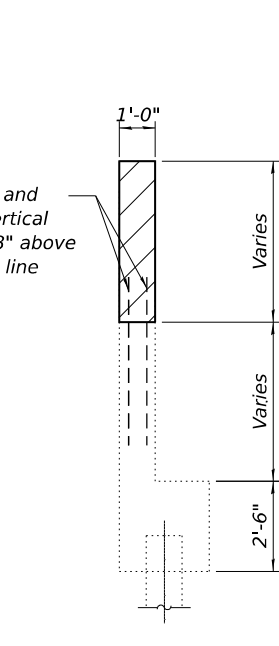
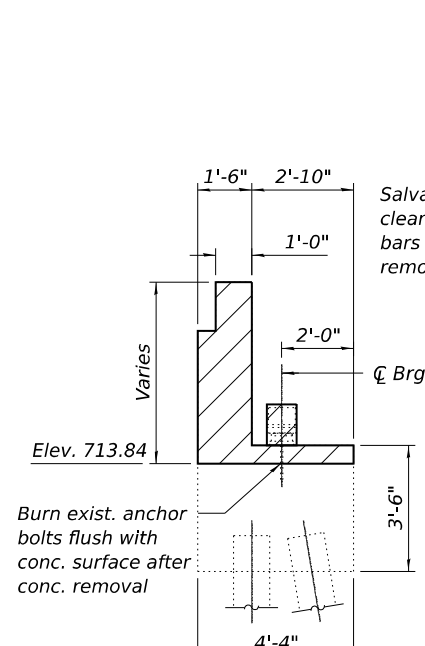
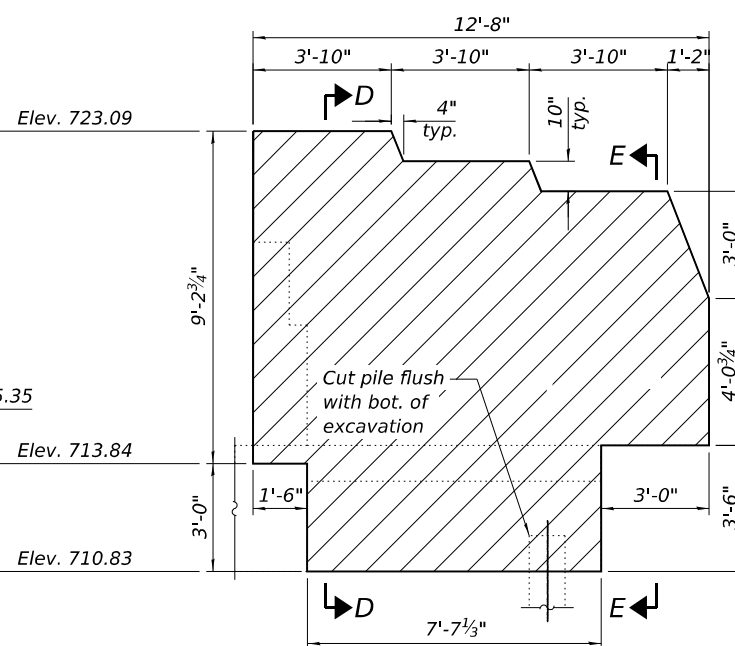
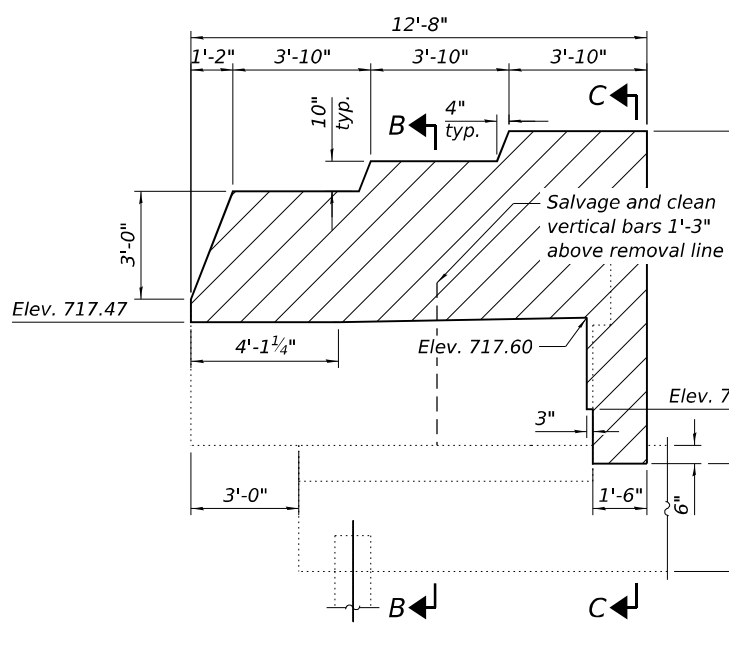
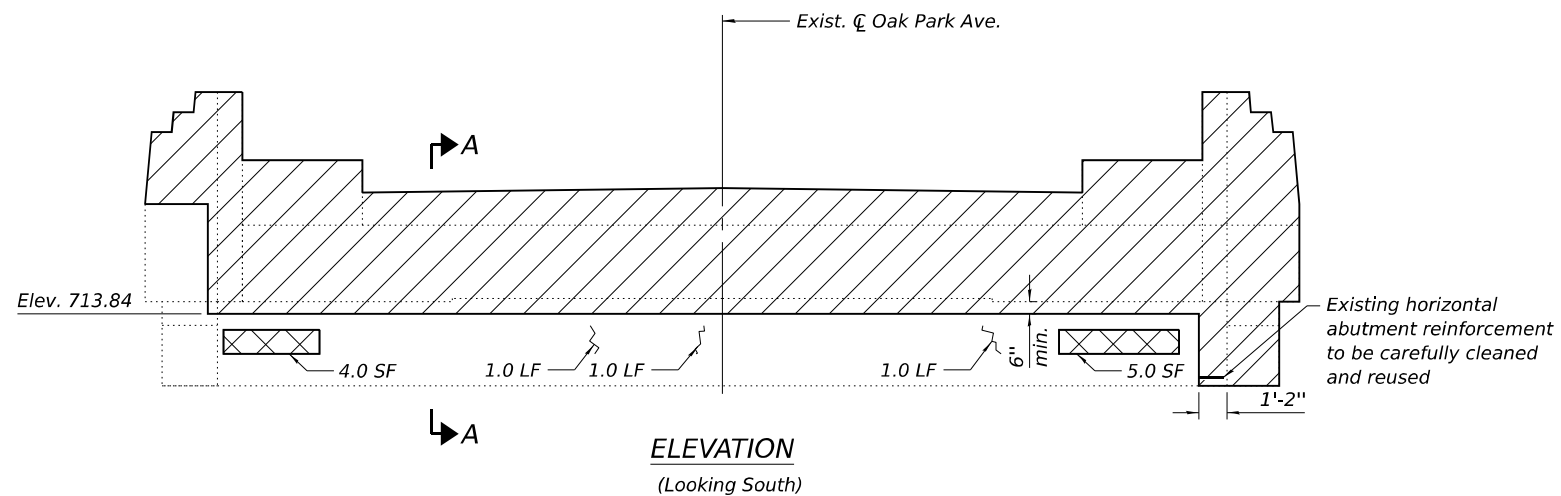
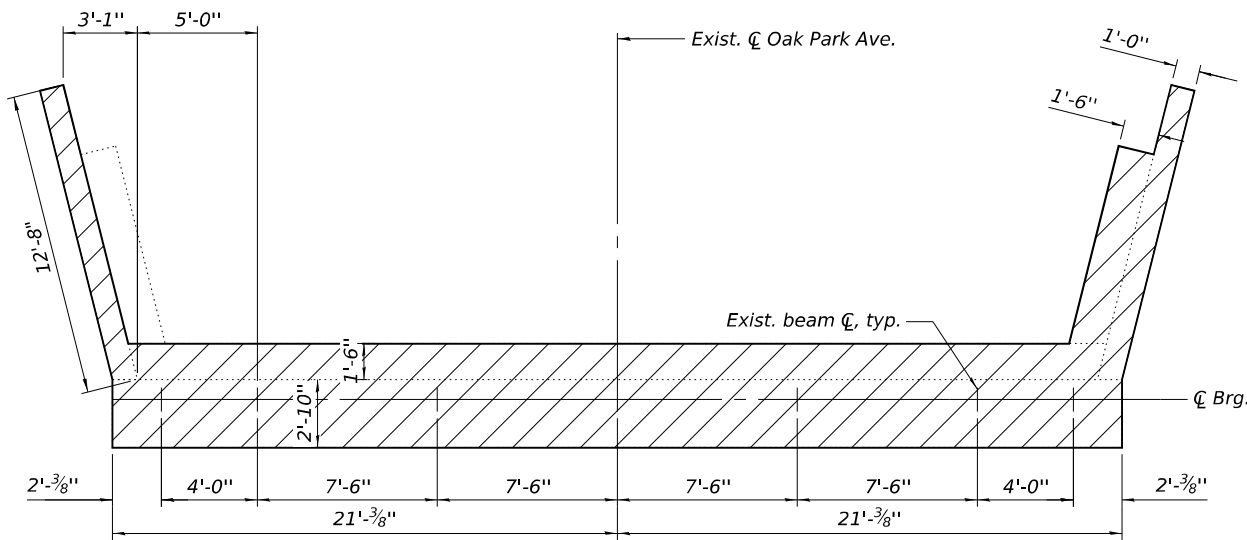
- At west end of abutment, remove existing wingwall as shown to accommodate construction of new approach slab and abutment drainage details. End of abutment shall also be removed to expose existing horizontal reinforcement. Cost included with Concrete Removal.
- Existing East wingwalls to be partially removed and reconstructed.
- Existing vertical reinforcement in East wingwall and horizontal reinforcement at west end of abutment shall be cleaned, straightened, and incorporated into the new construction. Cost included with Concrete Removal.
- Any reinforcement bars to be incorporated that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included with Concrete Removal.
- Ends of existing reinforcement bars which are cut and exposed shall be coated with epoxy. Cost included with Concrete Removal.
- Remove existing concrete 6" below lowest bearing seat, as shown. Cost included with Concrete Removal.
- Remove any additional delaminated concrete on surface down to sound concrete. Cost included with Structural Repair of Concrete.
- Existing bearings to be removed. Burn existing anchor bolts flush with concrete surface after concrete removal. Grind existing anchor bolt smooth and seal with epoxy. Cost included with Removal of Existing Superstructures.

LEGEND

- Concrete Removal
- Epoxy Crack Injection
- Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)

BILL OF MATERIAL

Item	Unit	Quantity
Concrete Removal	Cu. Yd.	22.5
Epoxy Crack Injection	Foot	3
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	9



MODEL: South Abutment Removal and Repair (Sheet)
FILE NAME: c:\pwworking\primeal\ppro\kudzias\ms61751\1D162W20-South Abutment Removal and Repair Details.dwg



USER NAME = kingaludzja	DESIGNED - KL	REVISED -
	DRAWN - KL	REVISED -
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**SOUTH ABUTMENT REMOVAL AND REPAIR DETAILS
STRUCTURE NO. 016-0927**

SHEET S-23 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	98
CONTRACT NO. 62W20				

ILLINOIS FED. AID PROJECT

Notes:

At west end of abutment, remove existing wingwall as shown to accommodate construction of new approach slab and abutment drainage details. End of abutment shall also be removed to expose existing horizontal reinforcement. Cost included with Concrete Removal.

Existing East wingwalls to be partially removed and reconstructed.

Existing vertical reinforcement in East wingwall and horizontal reinforcement at west end of abutment shall be cleaned, straightened, and incorporated into the new construction. Cost included with Concrete Removal.

Any reinforcement bars to be incorporated that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included with Concrete Removal.



Ends of existing reinforcement bars which are cut and exposed shall be coated with epoxy. Cost included with Concrete Removal.

Remove existing concrete 6" below lowest bearing seat, as shown. Cost included with Concrete Removal.

Remove any additional delaminated concrete on surface down to sound concrete. Cost included with Structural Repair of Concrete.

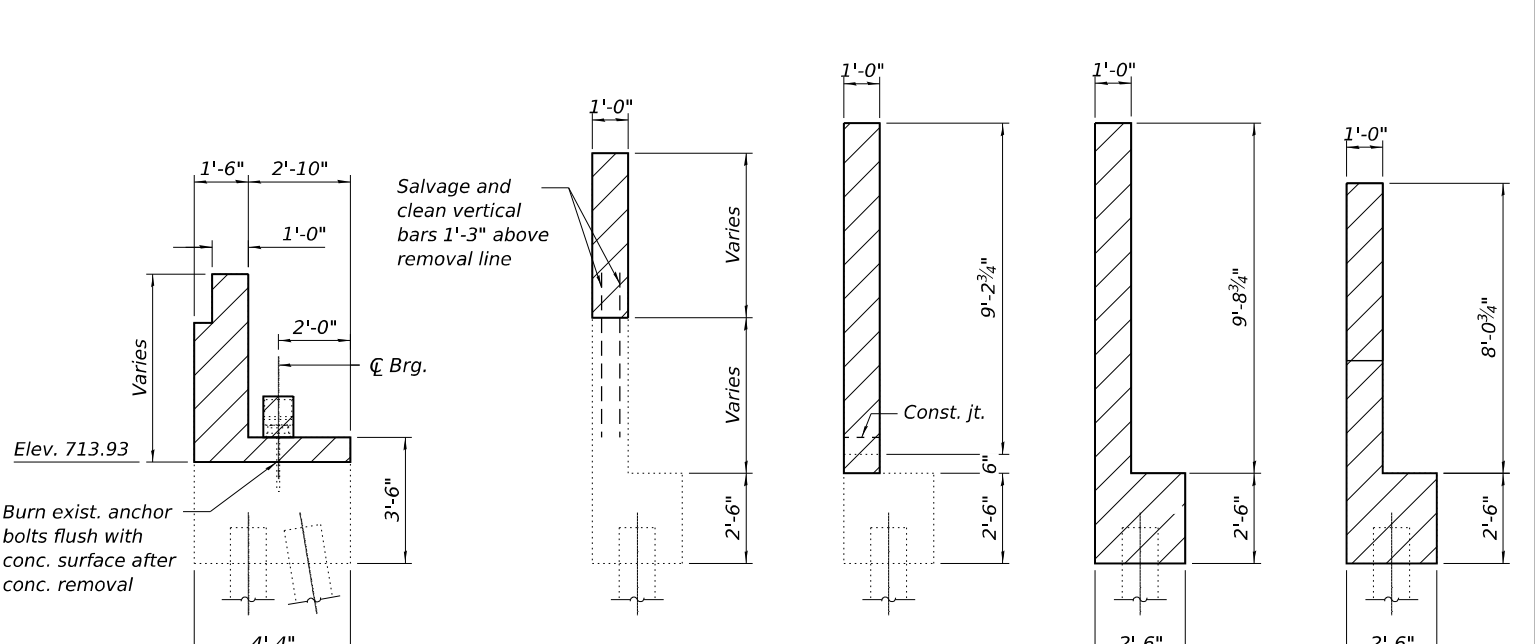
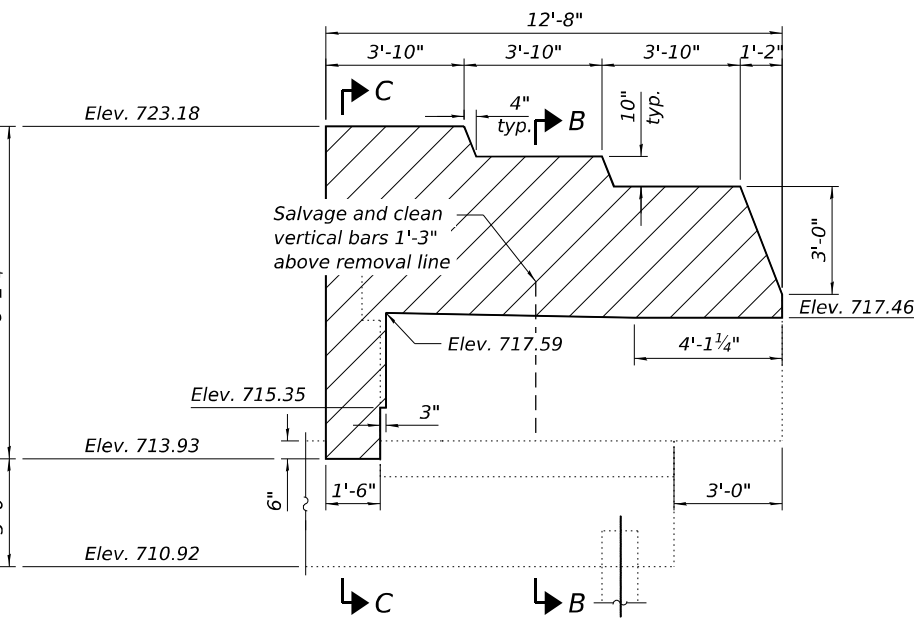
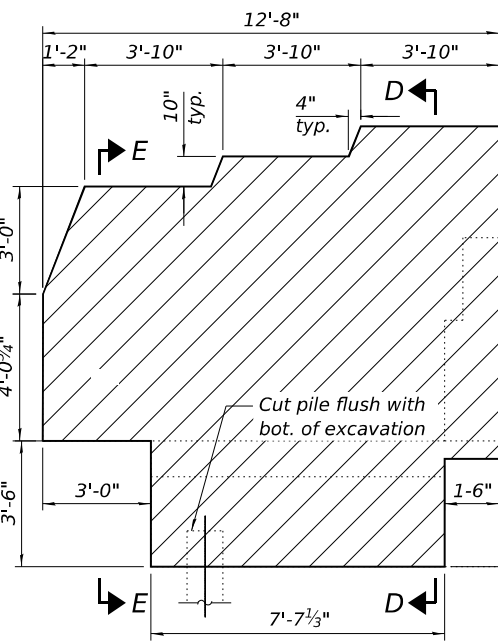
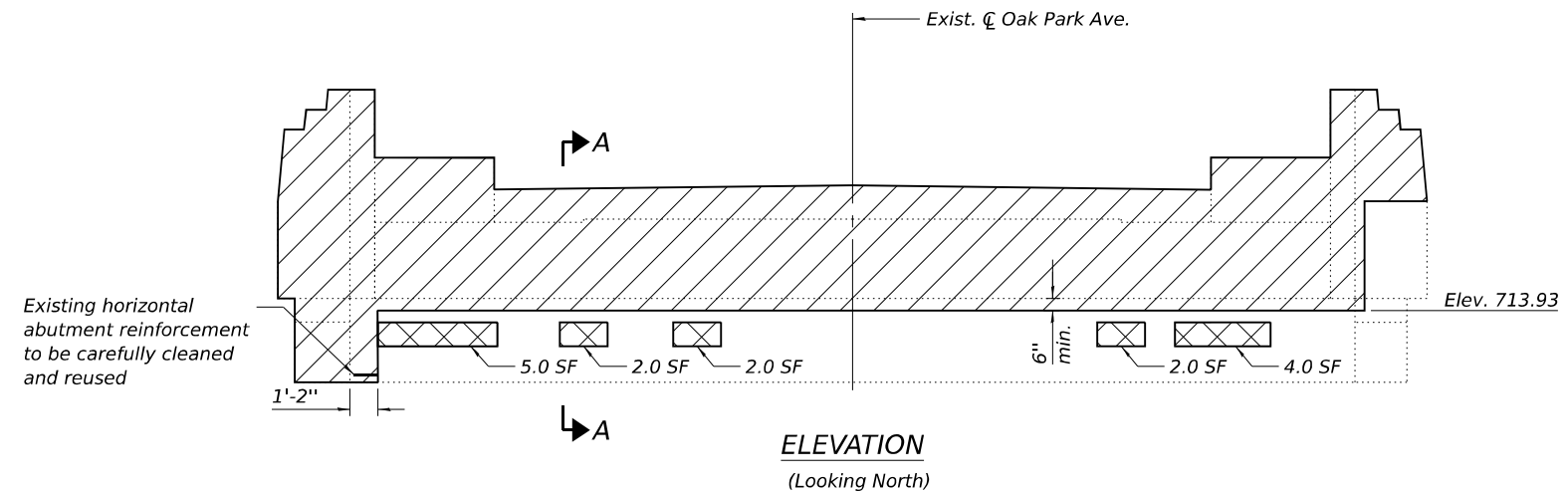
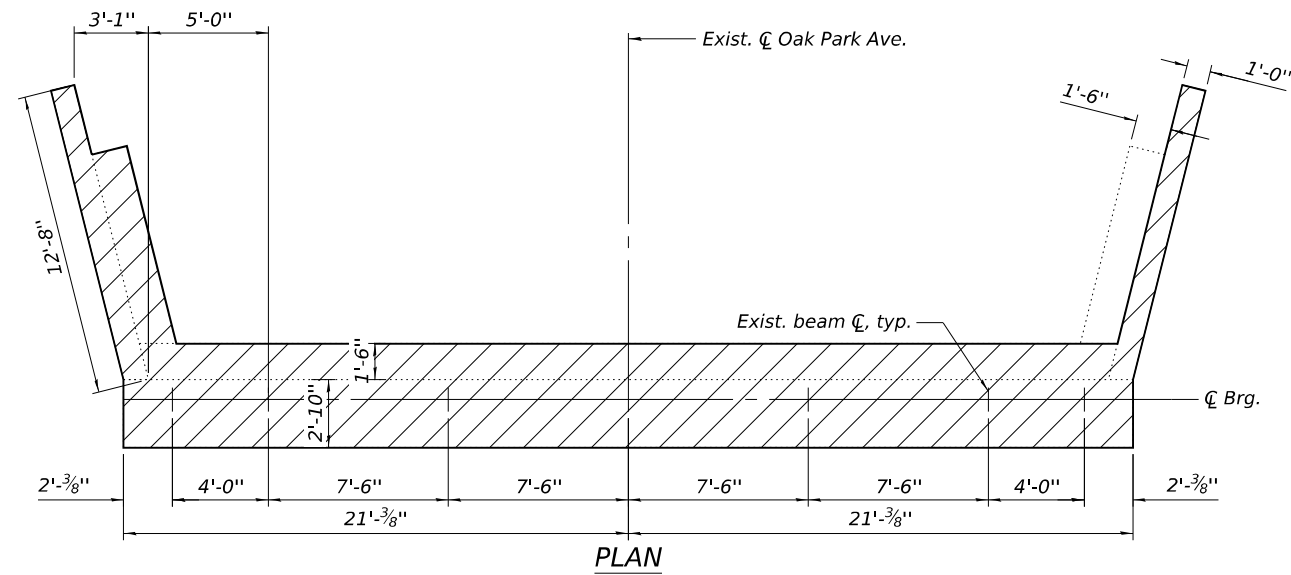
Existing bearings to be removed. Burn existing anchor bolts flush with concrete surface after concrete removal. Grind existing anchor bolt smooth and seal with epoxy. Cost included with Removal of Existing Superstructures.

LEGEND

-  Concrete Removal
-  Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)

BILL OF MATERIAL

Item	Unit	Quantity
Concrete Removal	Cu. Yd.	22.5
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	15



MODEL: North Abutment Removal and Repair (Sheet)
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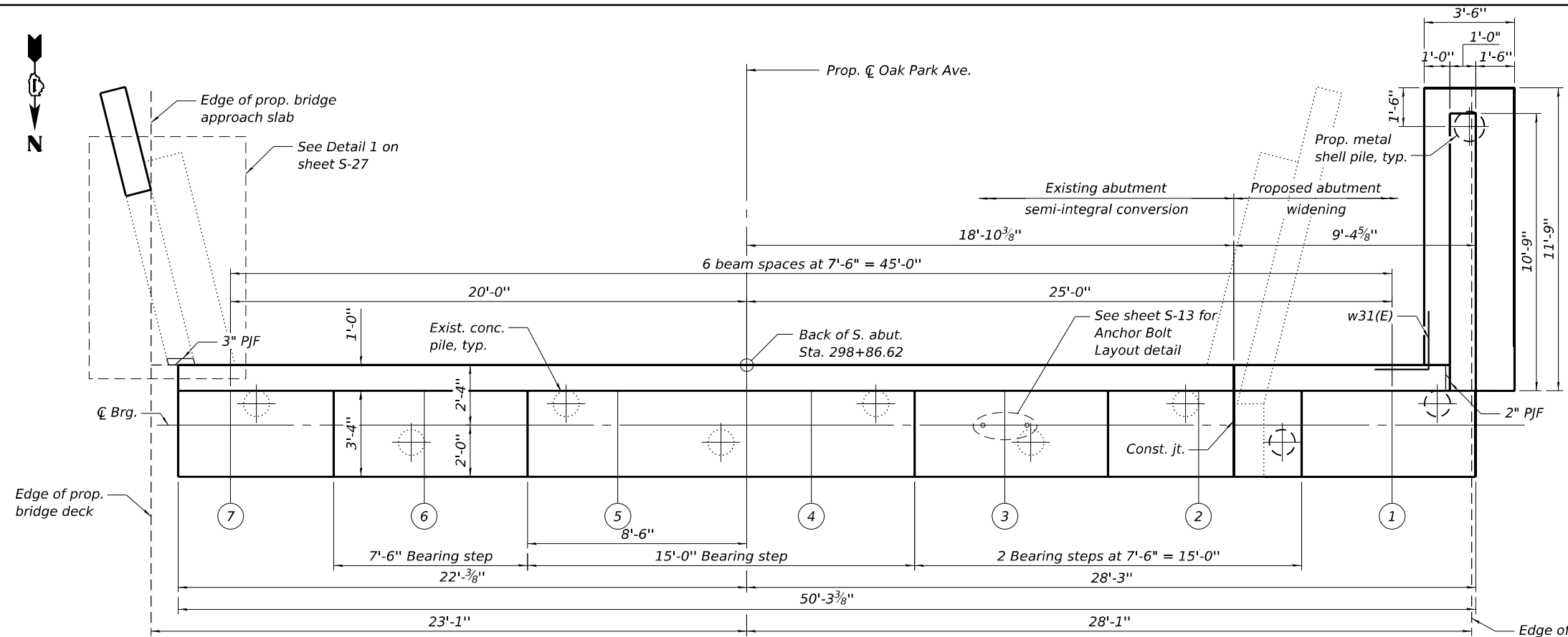
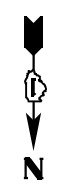
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DEPARTMENT OF TRANSPORTATION**

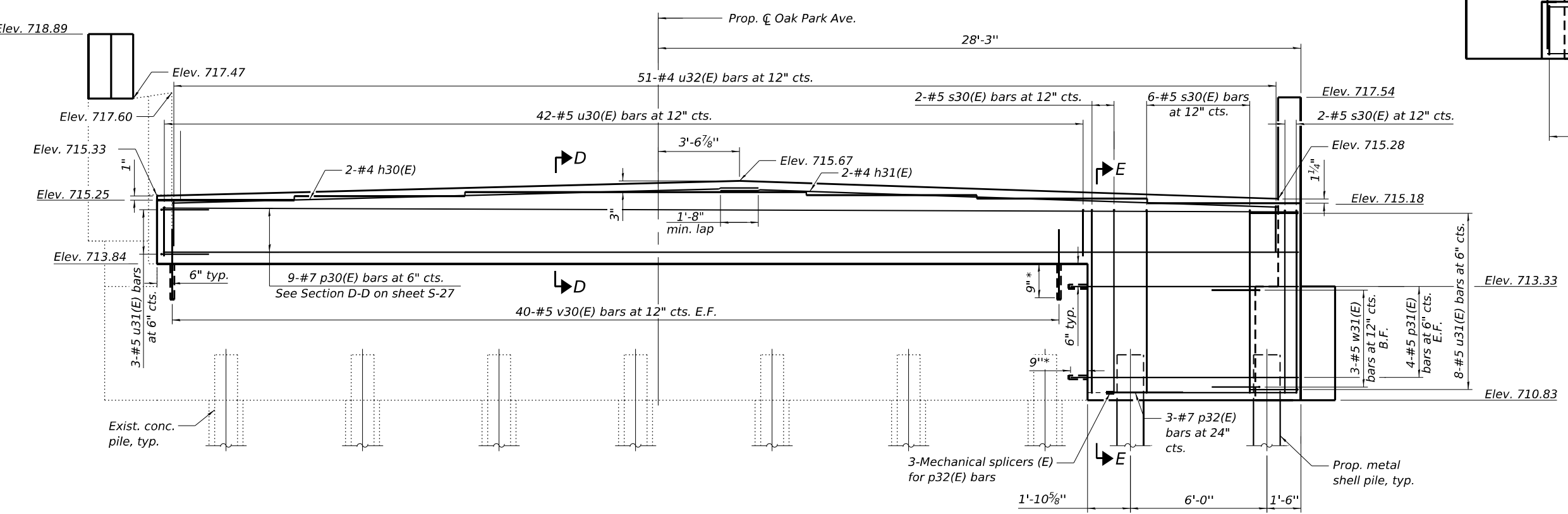
**NORTH ABUTMENT REMOVAL AND REPAIR DETAILS
STRUCTURE NO. 016-0927**

SHEET S-24 OF S-36 SHEETS

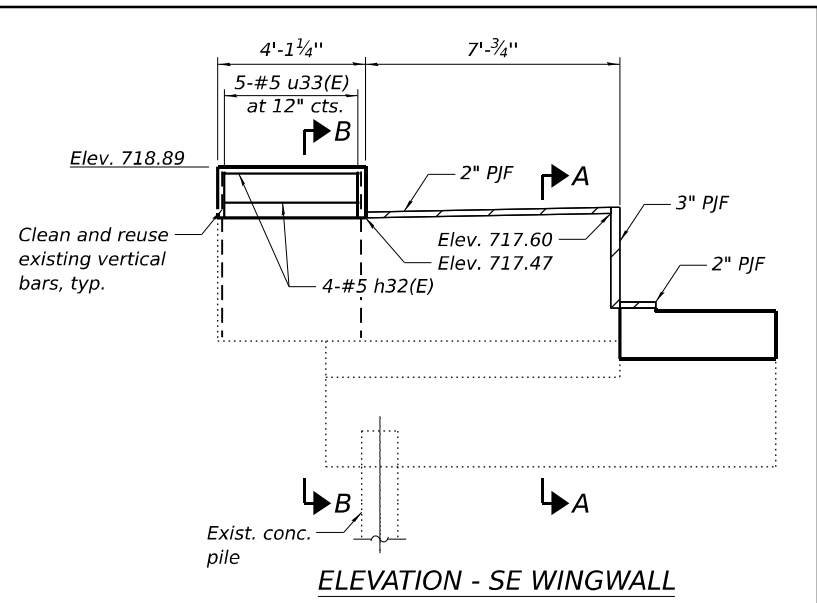
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	99
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



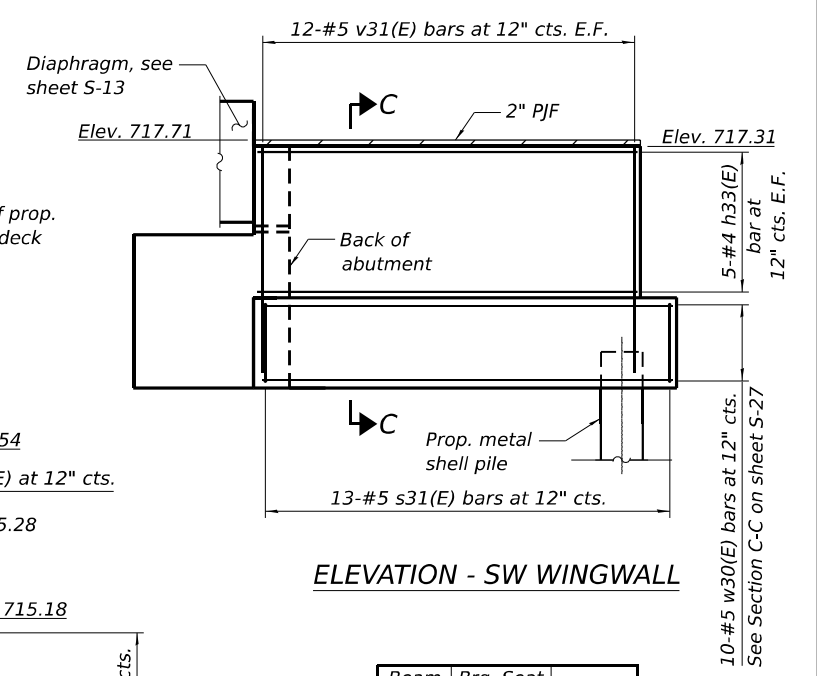
PLAN



ELEVATION
(Looking South)



ELEVATION - SE WINGWALL



ELEVATION - SW WINGWALL

Beam No.	Brg. Seat Elevation	Step "T"
1	715.18	1 1/4
2	715.28	0 7/8
3	715.35	0 7/8
4	715.42	-
5	715.42	1 1/8
6	715.33	1
7	715.25	-

PILE DATA

Type: 14" Metal Shell x 0.250" w/ Pile Shoes
 For South Abutment
 Nominal Required Bearing: 328 kips
 Factored Resistance Available: 180 kips
 Est. Length: 32 ft
 No. Production Piles: 1
 No. Test Piles: 1
 For SW Wingwall
 Nominal Required Bearing: 228 kips
 Factored Resistance Available: 126 kips
 Est. Length: 22 ft
 No. Production Piles: 1

Notes:
 Existing reinforcement at West edge of exist. abut. shall be cleaned, straightened, and incorporated into the new construction. Cost included with Concrete Removal.
 See Sections A-A through E-E on sheet S-27 of S-36.

* Epoxy grout bars in 9" embedment according to Section 584 of Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated, typ.

MODEL: South Abutment(Sheet) FILE NAME: c:\pwworking\primera\pprood\kudzal\ms61751\1D162W20-South Abutment.dgn



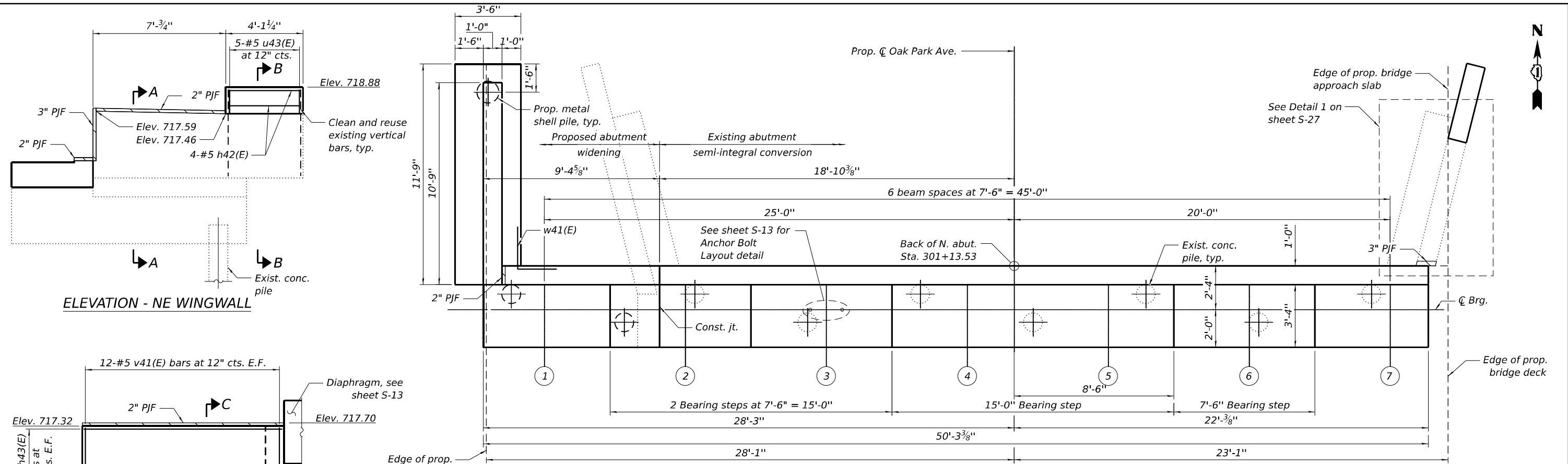
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	DRAWN - KL	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

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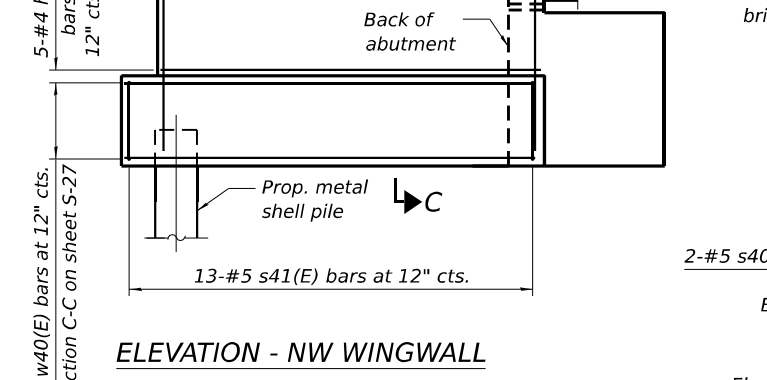
SOUTH ABUTMENT
STRUCTURE NO. 016-0927

SHEET S-25 OF S-36 SHEETS

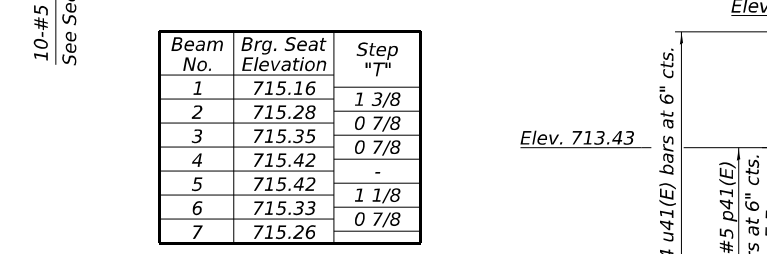
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	100
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



PLAN



ELEVATION - NE WINGWALL



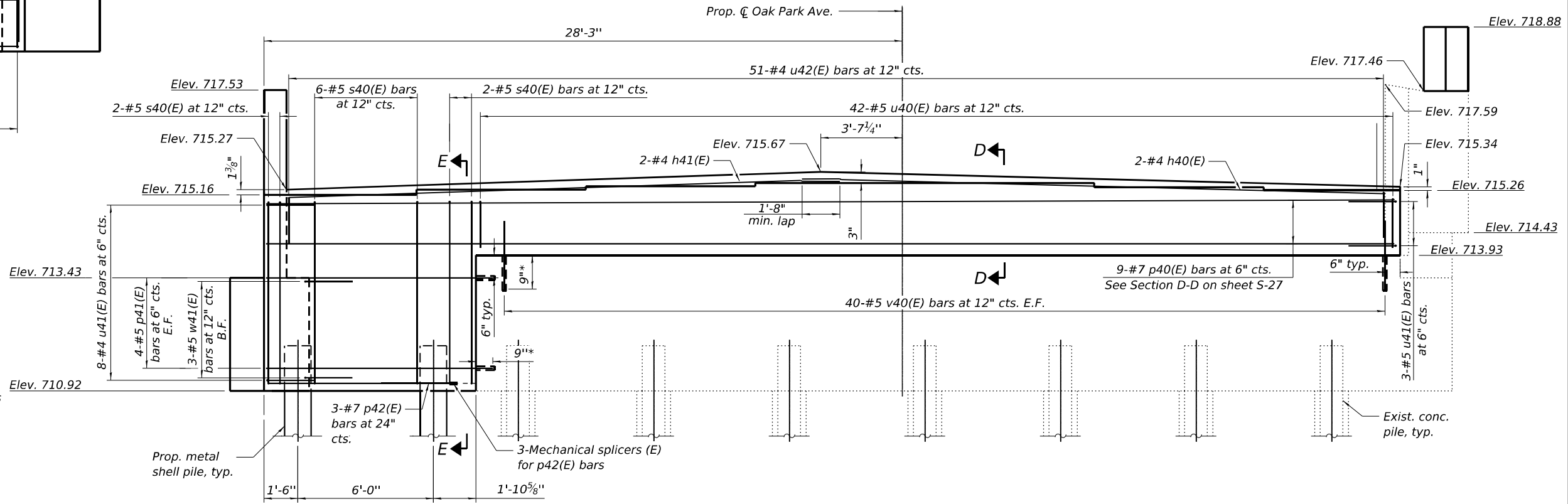
ELEVATION - NW WINGWALL

Beam No.	Brg. Seat Elevation	Step "T"
1	715.16	1 3/8
2	715.28	0 7/8
3	715.35	0 7/8
4	715.42	-
5	715.42	1 1/8
6	715.33	0 7/8
7	715.26	-

PILE DATA

Type: 14" Metal Shell x 0.250" w/ Pile Shoes
 For North Abutment
 Nominal Required Bearing: 330 kips
 Factored Resistance Available: 182 kips
 Est. Length: 38 ft
 No. Production Piles: 1
 No. Test Piles: 1
 For NW Wingwall
 Nominal Required Bearing: 297 kips
 Factored Resistance Available: 163 kips
 Est. Length: 33 ft
 No. Production Piles: 1

* Epoxy grout bars in 9" embedment according to Section 584 of Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated, typ.



ELEVATION
(Looking North)

Notes:
 Existing reinforcement at West edge of exist. abut. shall be cleaned, straightened, and incorporated into the new construction. Cost included with Concrete Removal.
 See Sections A-A through E-E on sheet S-27 of S-36.

MODEL: North Abutment(Sheet) FILE NAME: c:\pwworking\primeal\pwworking\kuzia\dms61751\1D162W20-North Abutment.dgn



USER NAME = kingaludzja	DESIGNED - KL	REVISED -
	DRAWN - KL	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

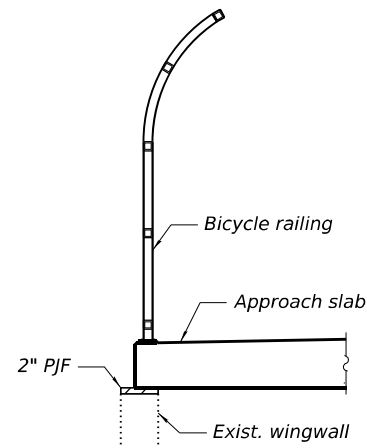
STATE OF ILLINOIS
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NORTH ABUTMENT
STRUCTURE NO. 016-0927

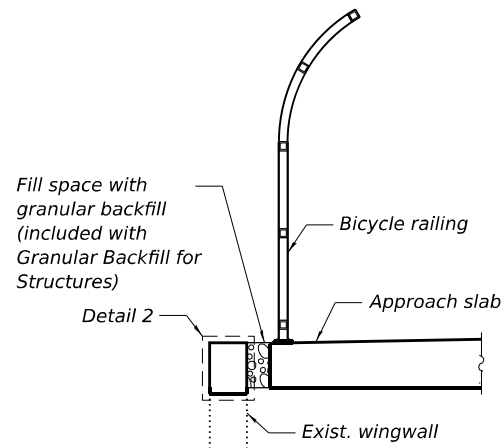
SHEET S-26 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	101
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

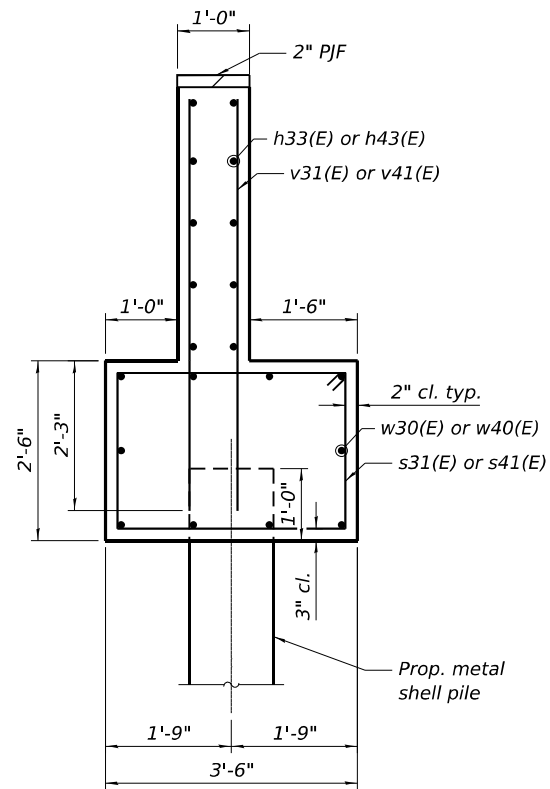
Notes:
Existing reinforcement shall be cleaned, straightened, and incorporated into the new construction. Cost included with Concrete Removal.



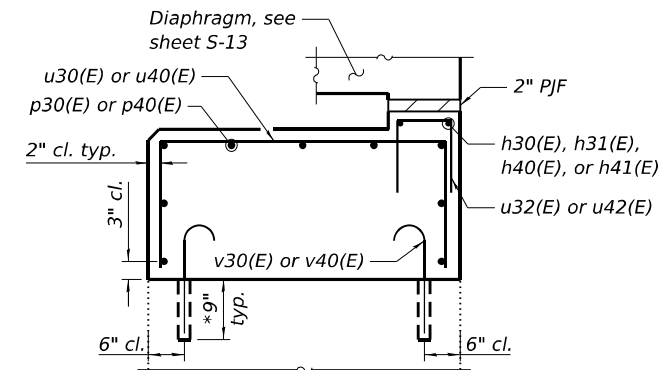
SECTION A-A



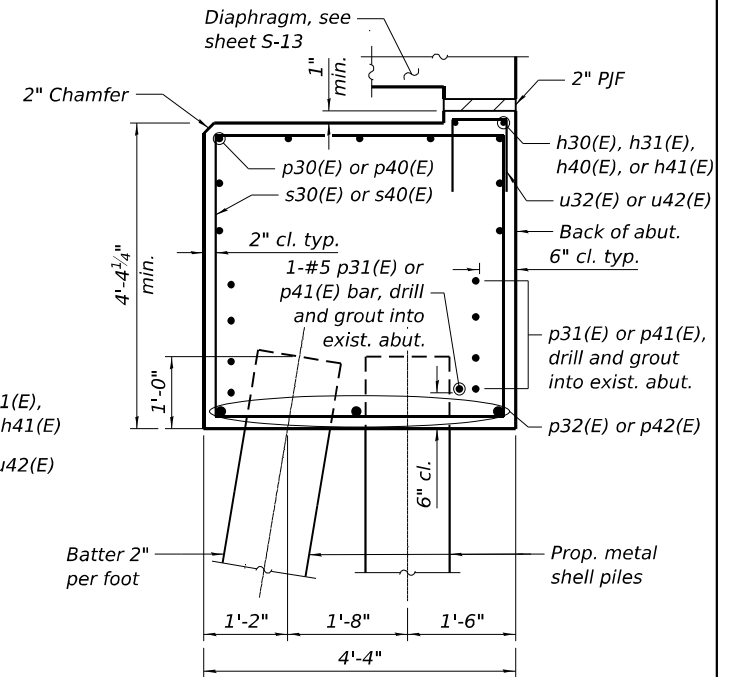
SECTION B-B



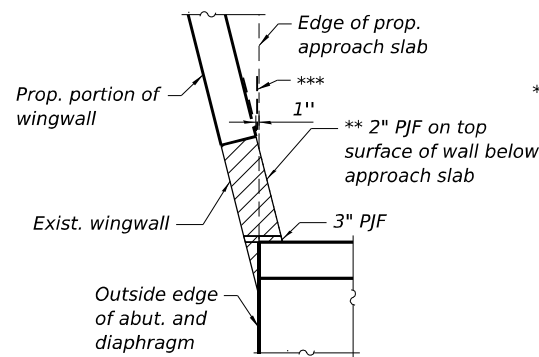
SECTION C-C



SECTION D-D

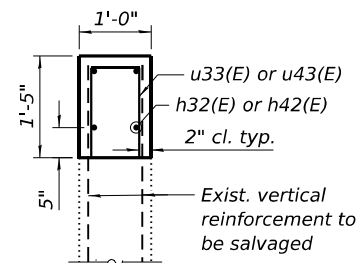


SECTION E-E

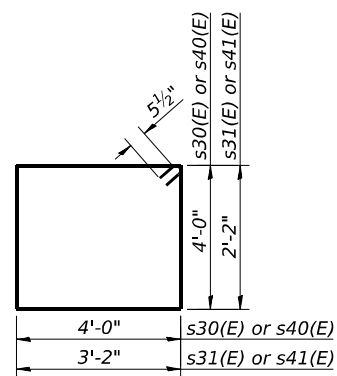


DETAIL 1

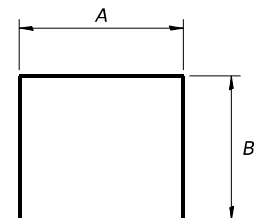
** 2" PJF (per Article 1051.09 of Standard Specifications) bonded to the wingwall with a suitable adhesive as recommended by the supplier.
*** Install geotextile fabric at 1" opening. Extend 1'-6" beyond opening. Cost included with Concrete Structures.



DETAIL 2

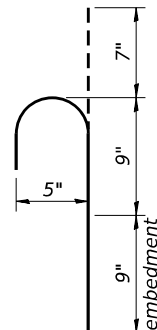


BARS s30(E), s31(E), s40(E), & s41(E)

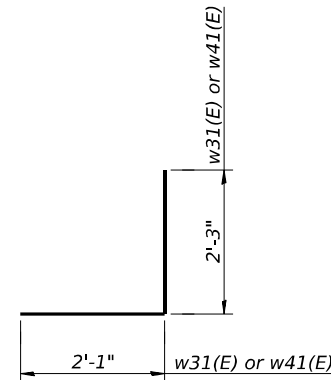


BARS u30(E) THRU u33(E) & u40(E) THRU u43(E)

Bar	A	B
u30(E) & u40(E)	4'-0"	1'-1"
u31(E) & u41(E)	4'-0"	2'-1"
u32(E) & u42(E)	8"	1'-0"
u33(E) & u43(E)	8"	1'-2"



BAR v30(E) & v40(E)



BARS w31(E) & w41(E)

* Epoxy grout bars in 9" embedment according to Section 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.

S. ABUT. BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h30(E)	2	#4	22'-9"	—
h31(E)	2	#4	29'-0"	—
h32(E)	4	#5	3'-9"	—
h33(E)	10	#4	10'-5"	—
p30(E)	9	#7	49'-11"	—
p31(E)	9	#5	10'-0"	—
p32(E)	3	#7	8'-2"	—
s30(E)	10	#5	16'-11"	□
s31(E)	13	#5	11'-7"	□
u30(E)	42	#5	6'-2"	┌┐
u31(E)	11	#5	8'-2"	┌┐
u32(E)	51	#4	2'-8"	┌┐
u33(E)	5	#5	3'-0"	┌┐
v30(E)	80	#5	2'-1"	┌┐
v31(E)	24	#5	6'-3"	—
w30(E)	10	#5	11'-5"	—
w31(E)	3	#5	4'-4"	┌┐
Structure Excavation		Cu. Yd.	107.5	
Concrete Structures		Cu. Yd.	23.3	
Reinforcement Bars, Epoxy Coated		Pound	2,490	
Furnishing Metal Shell Piles 14" X 0.250"		Foot	54	
Pile Shoes		Each	3	
Driving Piles		Foot	54	
Test Pile, Metal Shells		Each	1	

N. ABUT. BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h40(E)	2	#4	22'-9"	—
h41(E)	2	#4	29'-0"	—
h42(E)	4	#5	3'-9"	—
h43(E)	10	#4	10'-5"	—
p40(E)	9	#7	49'-11"	—
p41(E)	9	#5	10'-0"	—
p42(E)	3	#7	8'-2"	—
s40(E)	10	#5	16'-11"	□
s41(E)	13	#5	11'-7"	□
u40(E)	42	#5	6'-2"	┌┐
u41(E)	11	#5	8'-2"	┌┐
u42(E)	51	#4	2'-8"	┌┐
u43(E)	5	#5	3'-0"	┌┐
v40(E)	80	#5	2'-1"	┌┐
v41(E)	24	#5	6'-3"	—
w40(E)	10	#5	11'-5"	—
w41(E)	3	#5	4'-4"	┌┐
Structure Excavation		Cu. Yd.	105.4	
Concrete Structures		Cu. Yd.	23.3	
Reinforcement Bars, Epoxy Coated		Pound	2,490	
Furnishing Metal Shell Piles 14" X 0.250"		Foot	71	
Pile Shoes		Each	3	
Driving Piles		Foot	71	
Test Pile, Metal Shells		Each	1	

MODEL: Abutment Details (Sheet)
FILE NAME: c:\pwworking\primear\pwworking\kuzda\dms61751\1D162W20-Abutment Details.dgn



USER NAME = kingaludzja	DESIGNED - KL	REVISED -
	DRAWN - KL	REVISED -
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PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

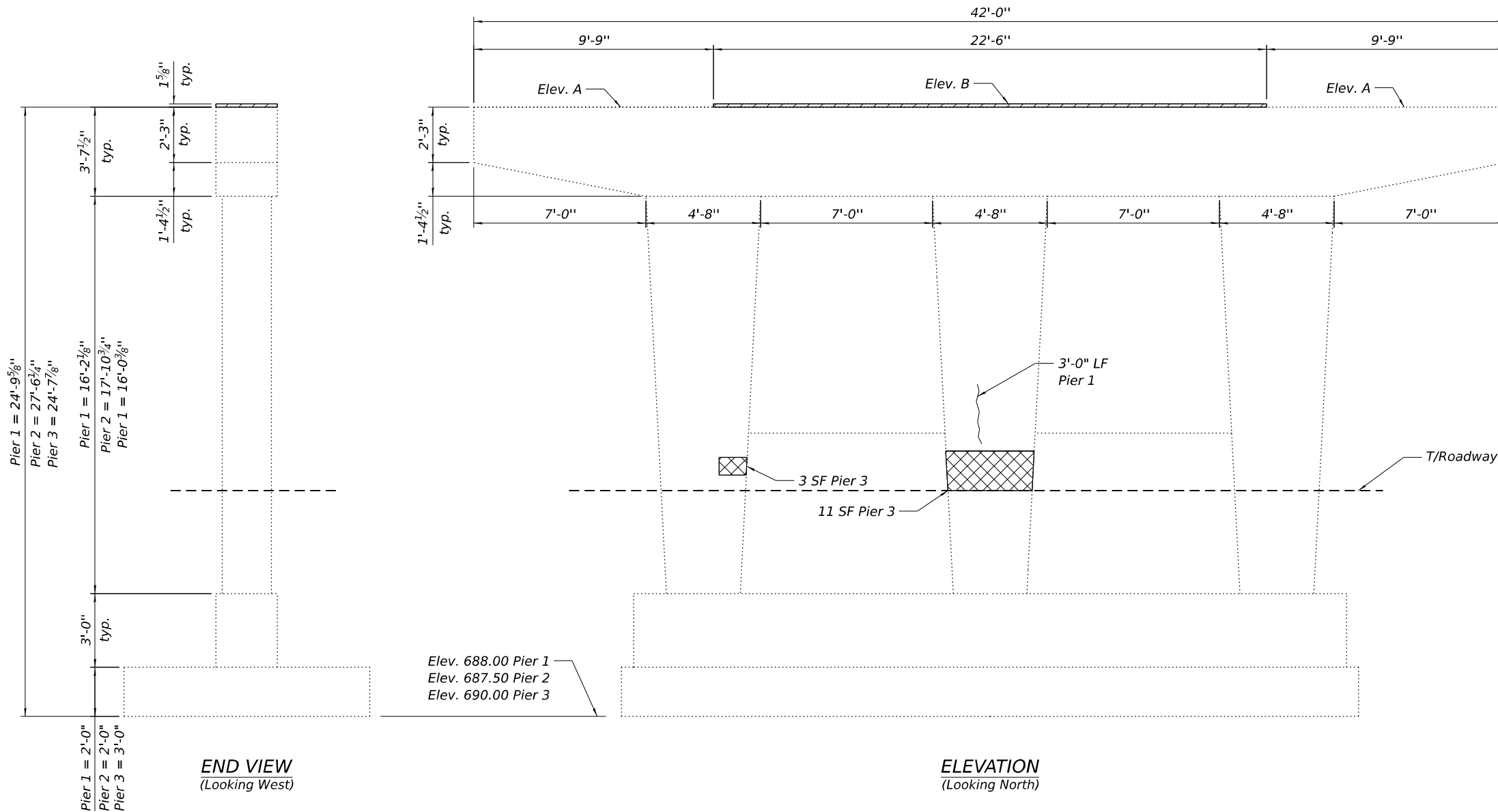
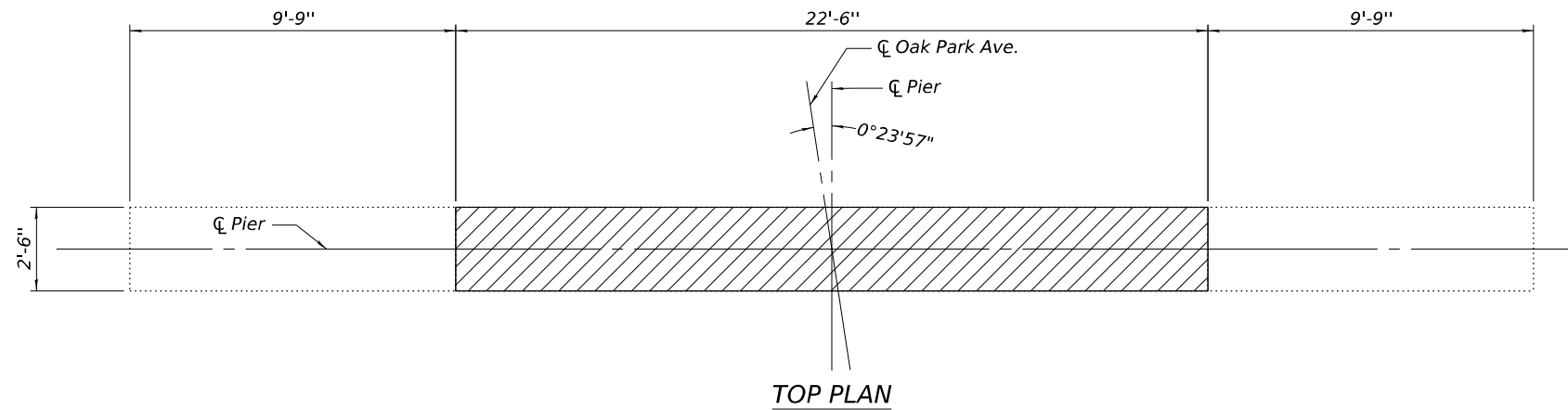
ABUTMENT DETAILS
STRUCTURE NO. 016-0927

SHEET S-27 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	102
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

**EXISTING BEAM SEAT
ELEVATIONS**

Location	Elevation A	Elevation B
Pier 1	714.800	714.935
Pier 2	715.023	715.160
Pier 3	714.655	714.790



Notes:
Existing bearings to be removed. Burn existing anchor bolts flush with concrete surface after concrete removal. Grind existing anchor bolt smooth and seal with epoxy. Cost included with Removal of Existing Superstructures.

PIER 1 BILL OF MATERIAL

Item	Unit	Quantity
Concrete Removal	Cu. Yd.	0.3
Epoxy Crack Injection	Foot	3

PIER 2 BILL OF MATERIAL

Item	Unit	Quantity
Concrete Removal	Cu. Yd.	0.3

PIER 3 BILL OF MATERIAL

Item	Unit	Quantity
Concrete Removal	Cu. Yd.	0.3
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	14

LEGEND

- Concrete Removal
- Epoxy Crack Injection
- Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)

MODEL: Pier Removal(Sheet)
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PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PIER REMOVAL AND REPAIR DETAILS
STRUCTURE NO. 016-0927**

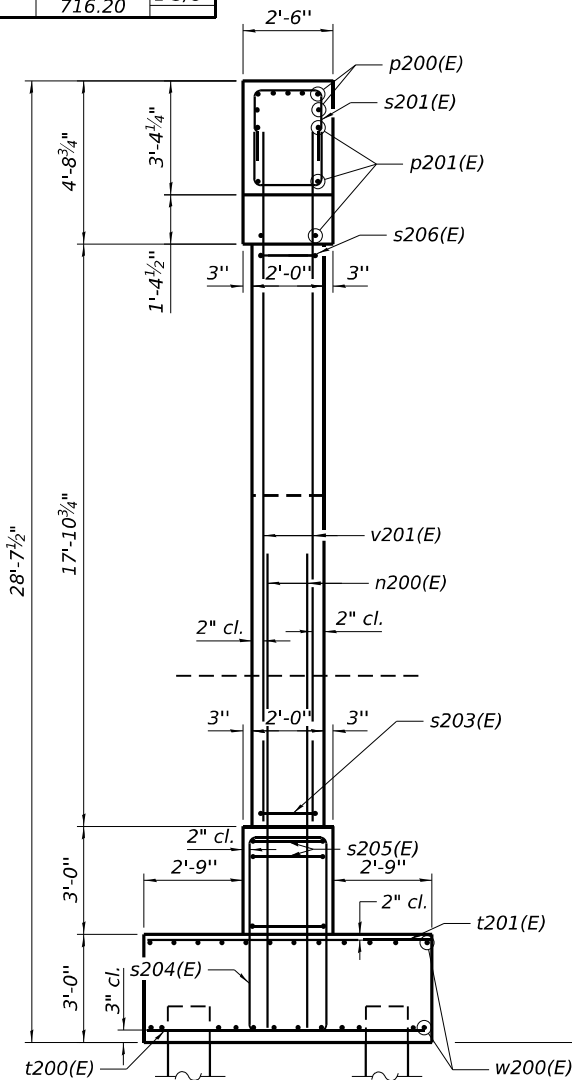
SHEET S-28 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	103
				CONTRACT NO. 62W20
ILLINOIS FED. AID PROJECT				

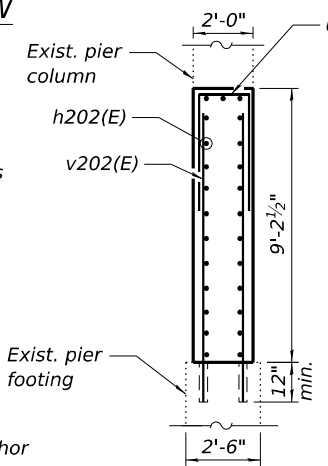
**PIER 2 BRG. SEAT
ELEVATIONS**

Beam No.	Brg. Seat Elev.	Step "T"
1	716.12	1 1/2"
2	716.24	1 5/8"
3	716.38	0 7/8"
4	716.45	-
5	716.45	1 3/8"
6	716.34	1 5/8"
7	716.20	-

*Epoxy grout bar in 9" embedment according to Section 584 of Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated, typ.



END VIEW

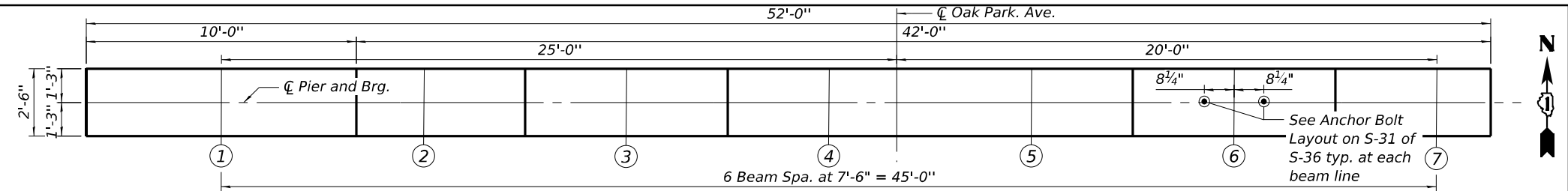


SECTION F-F

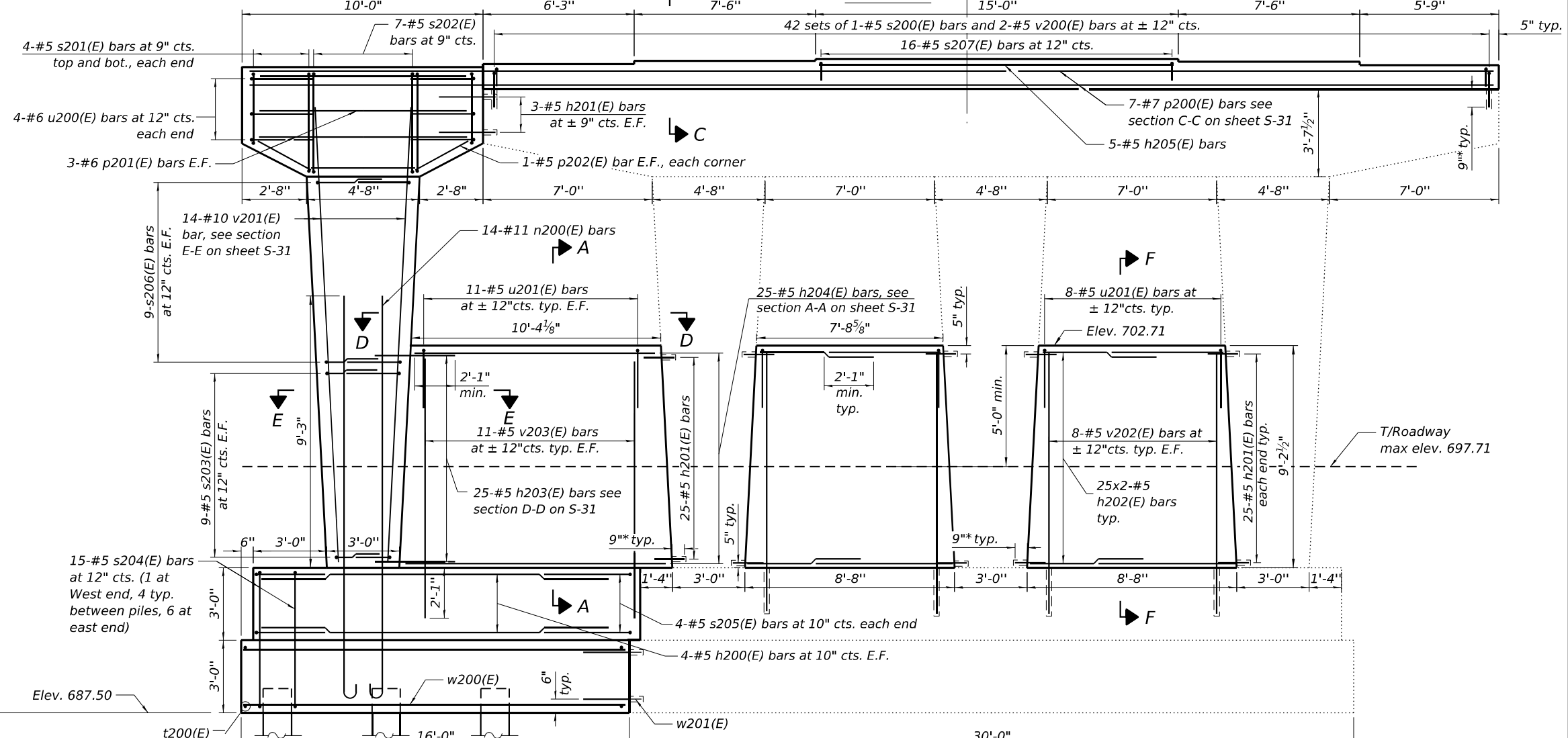
PIER 2 PILE DATA

Type: 14" Metal shell x 0.25" w/pile shoes
 Nominal Required Bearing: 214 kips
 Factored Resistance Available: 155 kips
 Est. Length: 35
 No. Production Piles: 5
 No. Test Piles: 1

Notes:
 For Sections A-A, C-C, D-D and E-E see sheet S-31 of S-36.
 Space reinforcement in cap to miss anchor bolts.
 For details of piles, see sheet S-33 of S-36.

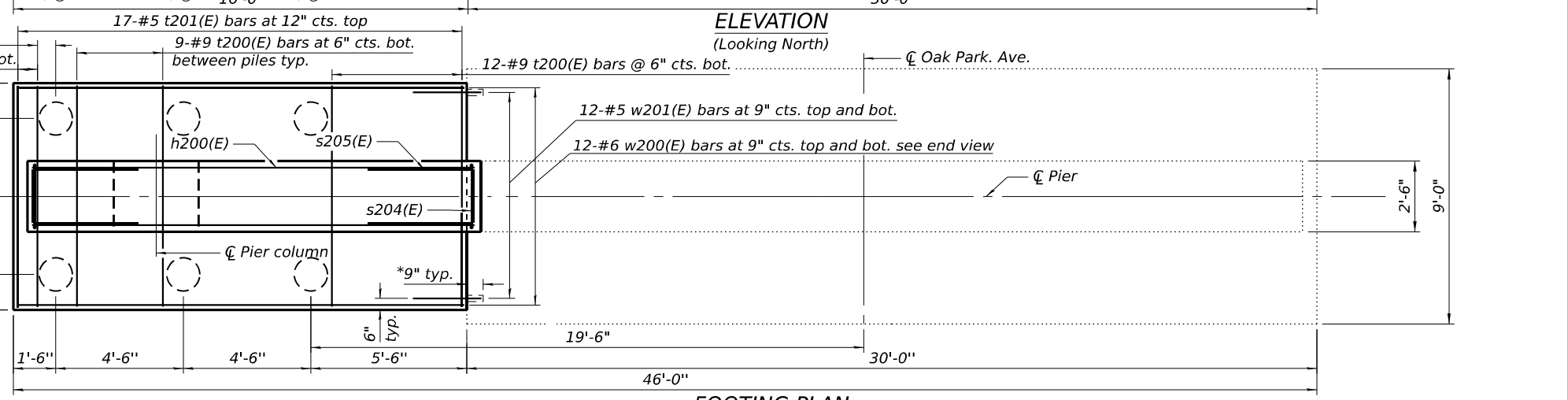


TOP PLAN



ELEVATION

(Looking North)



FOOTING PLAN

MODEL: Pier 2 (Sheet)
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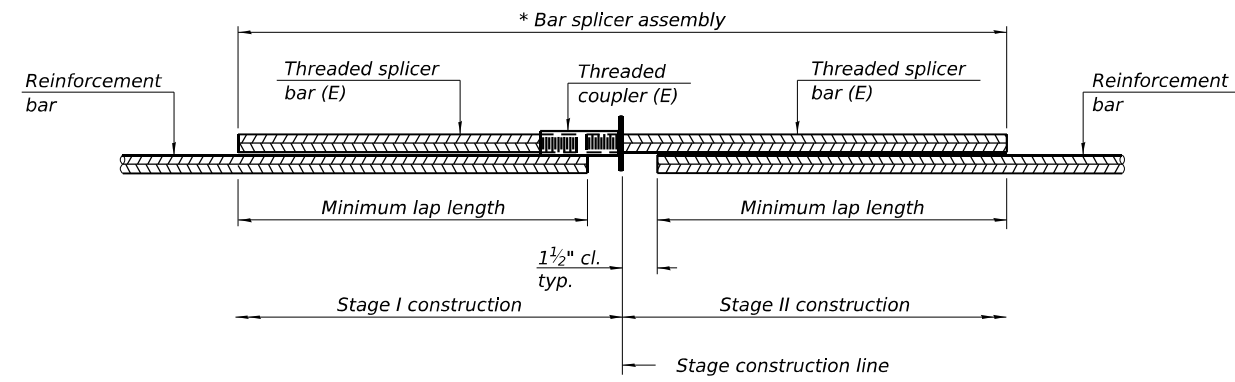
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PLOT DATE = 5/6/2026	DATE = 5/6/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PIER 2
STRUCTURE NO. 016-0927**

SHEET S-30 OF S-36 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	105
CONTRACT NO. 62W20			ILLINOIS FED. AID PROJECT	

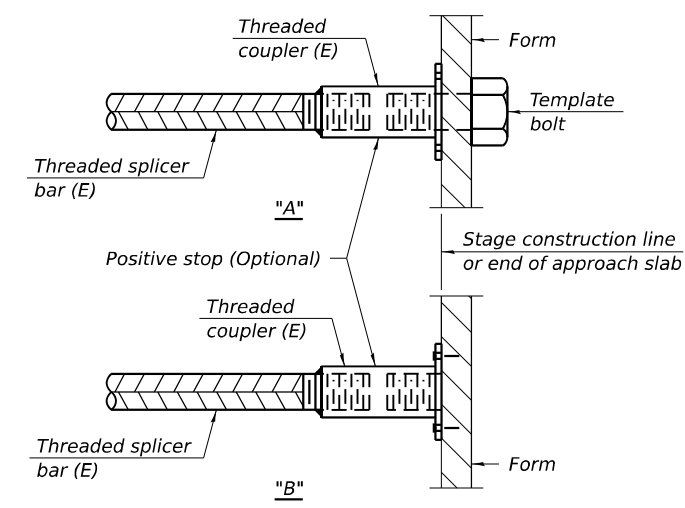


STANDARD BAR SPLICER ASSEMBLY PLAN
 Only bar splicer assemblies as presented on the approved QPL list may be used.

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

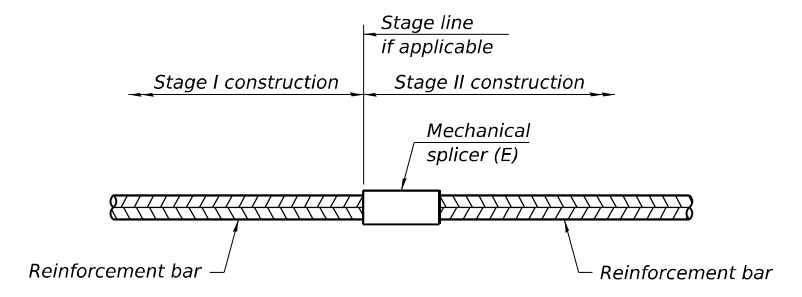
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length



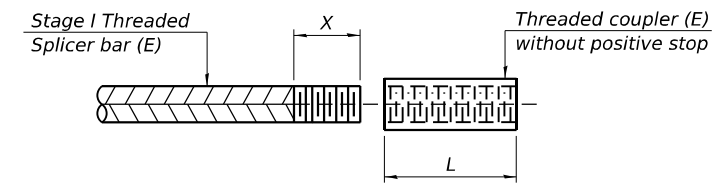
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required
South Abutment	#7	3
North Abutment	#7	3



THREADING OF ASSEMBLIES

The threaded length "X" shall be no more than L/2. The bar should be tightened until 0-1 thread(s) is/are exposed.

Notes:
 Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

MODEL: Bar Splicer Assembly and Mechanical Splicer Details (Sheet)
 FILE NAME: c:\pwworking\primeal\pwworking\m6751\1\1621\20-Bar Splicer Assembly and Mechanical Splicer Details.dgn

BSD-1

4-4-2025



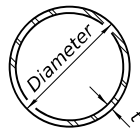
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	DRAWN - MS	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
 STRUCTURE NO. 016-0927**

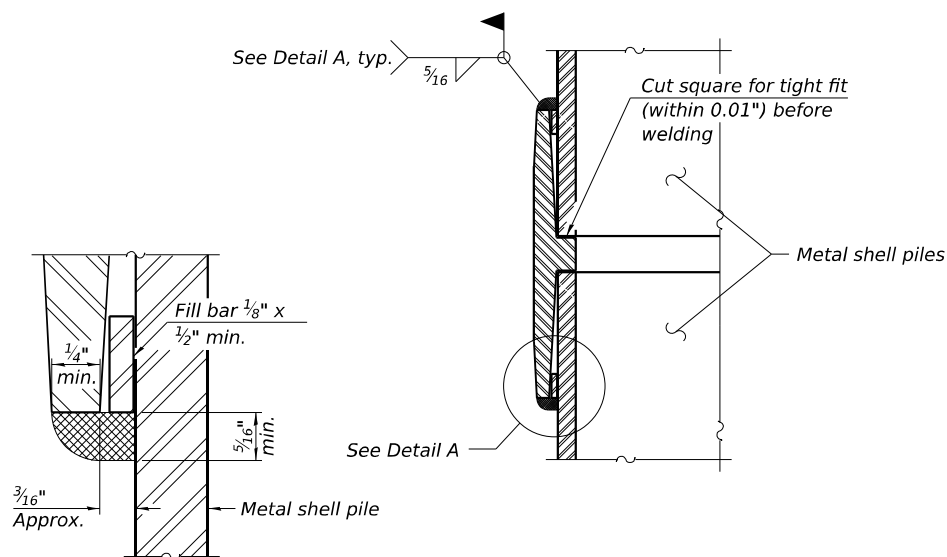
SHEET S-32 OF S-36 SHEETS

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	107
CONTRACT NO. 62W20			ILLINOIS FED. AID PROJECT	

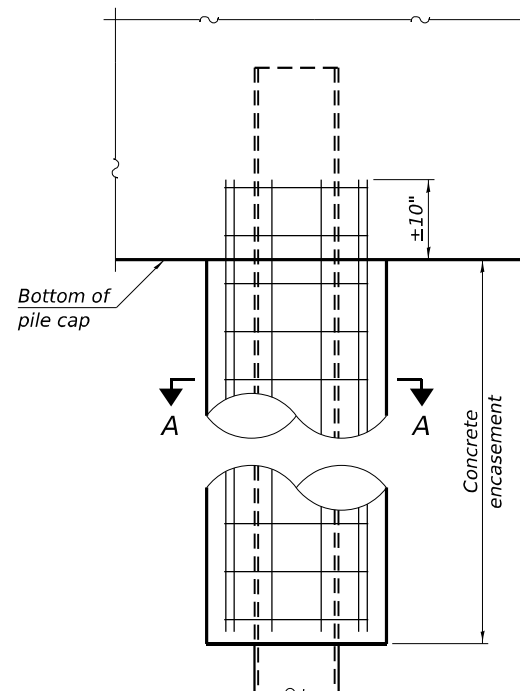


METAL SHELL PILE TABLE

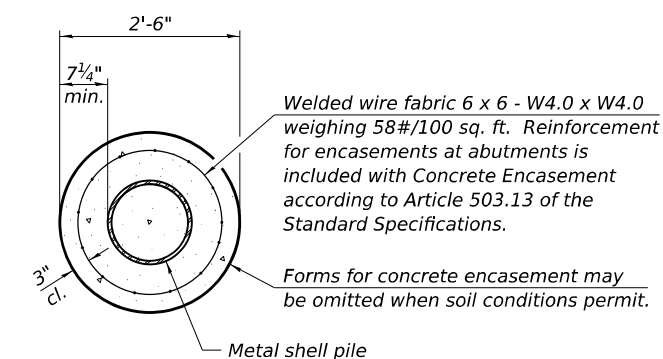
Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd. ³ /ft.)
PP12	0.250"	31.40	0.0267
PP14	0.250"	36.75	0.0368
PP14	0.312"	45.65	0.0361
PP16	0.312"	52.32	0.0478
PP16	0.375"	62.64	0.0470



DETAIL A

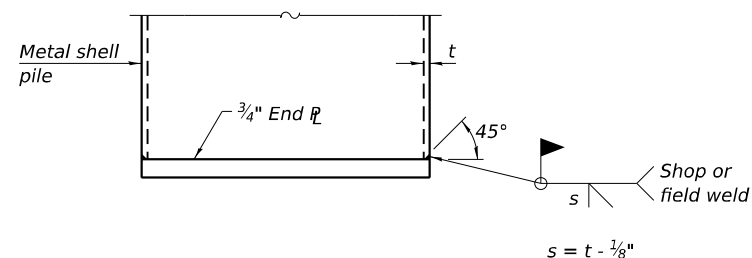


ELEVATION



SECTION A-A

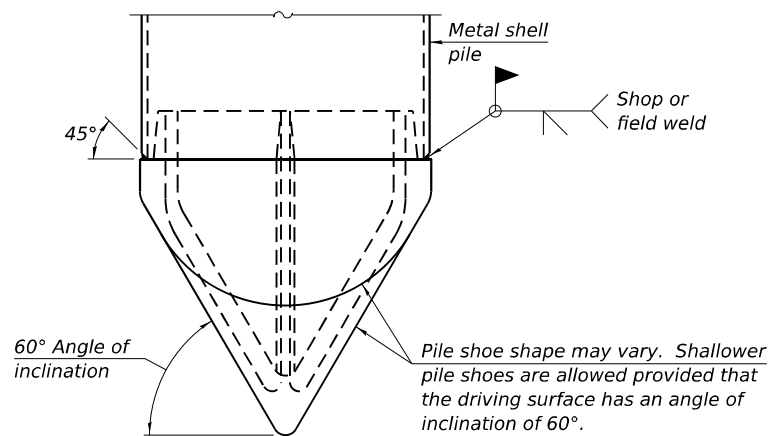
INDIVIDUAL PILE CONCRETE ENCASEMENT
(When specified)



END PLATE ATTACHMENT

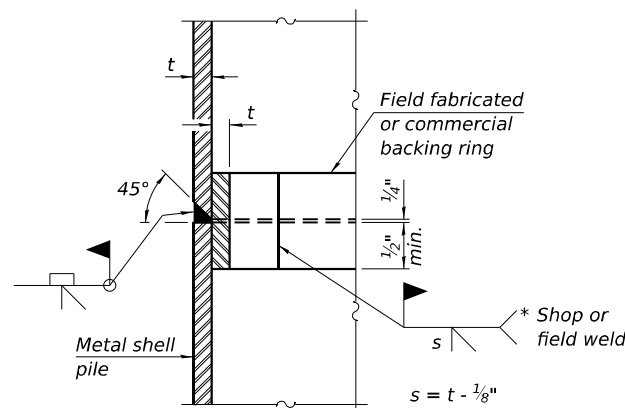
WELDED COMMERCIAL SPLICE

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.



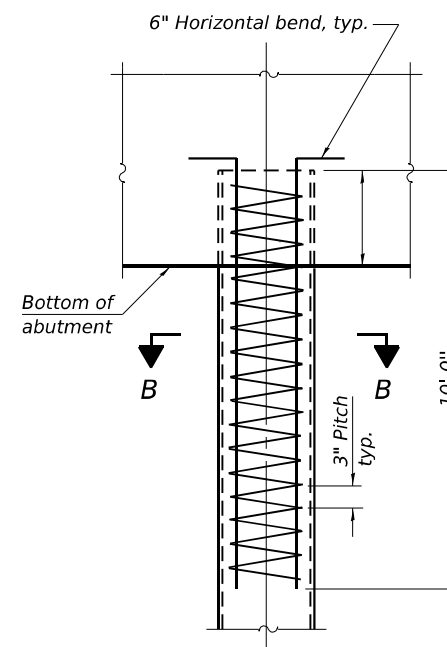
PILE SHOE ATTACHMENT

(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).

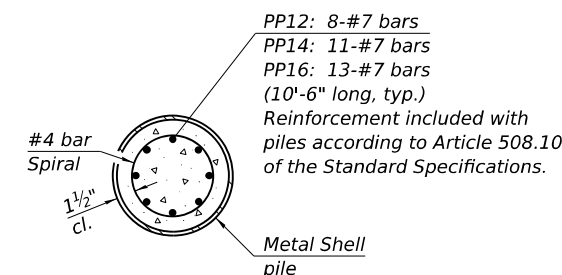


COMPLETE PENETRATION WELD SPLICE

* 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



SECTION B-B

REINFORCEMENT AT ABUTMENTS
(Omit when concrete encasement is specified)

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

MODEL - Metal Shell Pile Details (Sheet)
FILE NAME: 401408c:\pwworking\prmea\pwworking\huzid\adms61751\0162\W20-Metal Shell Pile Details.dgn

USER NAME = nickbrustin	DESIGNED - NMB	REVISED -
	DRAWN - NMB	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	108
CONTRACT NO. 62W20				



Illinois Department of Transportation
Division of Highways
GSG Consultants, Inc.

SOIL BORING LOG

Page 1 of 3

Date 12/3/24

ROUTE Oak Park Avenue DESCRIPTION Bridge Abutment Boring LOGGED BY TS

SECTION I-80 at Oak Park Avenue LOCATION Oak Park Avenue, SEC. 6, TWP. 35N, RNG. 13E,

COUNTY COOK DRILLING RIG Mobile B57 DRILLING METHOD MUD ROTARY HAMMER TYPE AUTO HAMMER EFF (%) 92.1

STRUCT. NO. 016-0927 D E L U M
Station 300+00 P L O C S I
H S Qu T
BORING NO. BSB-1
Station 301+39.39
Offset 15.66ft LT
Ground Surface Elev. 717.79 ft (ft) (ft) (tsf) (%)

Depth (ft)	Soil Description	U (ft)	L (ft)	C (ft)	S (ft)	I (ft)	M (ft)	O (ft)	S (ft)	T (ft)
10	10 inches of Asphalt									
10	10 inches of Concrete									
20										
9										
4	Brown, Moist FILL: SAND AND GRAVEL									
714.29										
3	Brown and Gray, Moist to Very Moist FILL: SILTY CLAY, trace sand and gravel									
6										
4										
4										
4	Very Stiff to Hard Brown, Moist SILTY CLAY, trace gravel (CL/ML)									
1										
3										
3										
3										
3	Sand seam at 12 feet									
2										
4										
4										
2										
2										
3										
2										
3										
2										
3										
4										
20										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
GSG Consultants, Inc.

SOIL BORING LOG

Page 2 of 3

Date 12/3/24

ROUTE Oak Park Avenue DESCRIPTION Bridge Abutment Boring LOGGED BY TS

SECTION I-80 at Oak Park Avenue LOCATION Oak Park Avenue, SEC. 6, TWP. 35N, RNG. 13E,

COUNTY COOK DRILLING RIG Mobile B57 DRILLING METHOD MUD ROTARY HAMMER TYPE AUTO HAMMER EFF (%) 92.1

STRUCT. NO. 016-0927 D E L U M
Station 300+00 P L O C S I
H S Qu T
BORING NO. RSR-1
Station 301+39.39
Offset 16.66ft LT
Ground Surface Elev. 717.79 ft (ft) (ft) (tsf) (%)

Depth (ft)	Soil Description	U (ft)	L (ft)	C (ft)	S (ft)	I (ft)	M (ft)	O (ft)	S (ft)	T (ft)
Very Stiff to Hard	Gray, Moist to Very Moist SILTY CLAY, trace gravel (CL/ML) (continued)									
4										
7										
5										
6										
45										
3										
5										
5										
7										
6										
6										
3										
5										
5										
7										
6										
6										
6										
3										
3										
6										
80										

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)



Illinois Department of Transportation
Division of Highways
GSG Consultants, Inc.

SOIL BORING LOG

Page 3 of 3

Date 12/3/24

ROUTE Oak Park Avenue DESCRIPTION Bridge Abutment Boring LOGGED BY TS

SECTION I-80 at Oak Park Avenue LOCATION Oak Park Avenue, SEC. 6, TWP. 35N, RNG. 13E,

COUNTY COOK DRILLING RIG Mobile B57 DRILLING METHOD MUD ROTARY HAMMER TYPE AUTO HAMMER EFF (%) 92.1

STRUCT. NO. 016-0927 D E L U M
Station 300+00 P L O C S I
H S Qu T
BORING NO. RSR-1
Station 301+39.39
Offset 16.66ft LT
Ground Surface Elev. 717.79 ft (ft) (ft) (tsf) (%)

Depth (ft)	Soil Description	U (ft)	L (ft)	C (ft)	S (ft)	I (ft)	M (ft)	O (ft)	S (ft)	T (ft)
Blind drilling with no bedrock found										
654.29										
4										
3										
5										
85										
9										
8										
6										
90										
644.29										
8										
3										
8										
75										
630.20										
12										
16										
13										
637.79										
End of Boring										
610.20										
100										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)

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	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS I
STRUCTURE NO. 016-0927

SHEET S-34 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	109
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

ROUTE Oak Park Avenue DESCRIPTION Bridge Abutment Boring LOGGED BY TS

SECTION I-80 at Oak Park Avenue LOCATION Oak Park Avenue, SEC. 6, TWP. 35N, RNG. 13E, Latitude 41.5508052, Longitude 87.7834389

COUNTY COOK DRILLING RIG DIEDRICH D-50 DRILLING METHOD MUD ROTARY HAMMER TYPE AUTO HAMMER EFF (%) 97.7

STRUCT. NO.	Station	DRILLING METHOD	DEPTH (ft)	LOG	TEST	U.C.S. (tsf)	LOG	TEST	U.C.S. (tsf)
016-0927	300+00	MUD ROTARY							
Surface Water Elev. N/A ft Stream Bed Elev. N/A ft Groundwater Elev.: First Encounter N/A ft Upon Completion N/A ft Alter N/A Hrs. N/A ft Brown, Moist to Very Moist FILL: SANDY CLAY, trace gravel (continued) Asphalt at 21.5 feet Brown and Dark Gray, Very Moist FILL: SILTY CLAY, trace gravel Very Stiff Brown and Gray, Very Moist SILTY CLAY, trace gravel (CL/ML) Stiff to Hard Gray, Moist SILTY CLAY, trace gravel (CL/ML) Stiff to Hard Gray, Moist SILTY CLAY, trace gravel (CL/ML) Loose Gray, Wet SAND, trace gravel and clay seams (SP) Medium Dense to Dense Gray, Moist to Wet SAND, trace gravel (SP)									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

ROUTE Oak Park Avenue DESCRIPTION Bridge Abutment Boring LOGGED BY TS

SECTION I-80 at Oak Park Avenue LOCATION Oak Park Avenue, SEC. 6, TWP. 35N, RNG. 13E, Latitude 41.5508052, Longitude 87.7834389

COUNTY COOK DRILLING RIG DIEDRICH D-50 DRILLING METHOD MUD ROTARY HAMMER TYPE AUTO HAMMER EFF (%) 97.7

STRUCT. NO.	Station	DRILLING METHOD	DEPTH (ft)	LOG	TEST	U.C.S. (tsf)	LOG	TEST	U.C.S. (tsf)
016-0927	300+00	MUD ROTARY							
Surface Water Elev. N/A ft Stream Bed Elev. N/A ft Groundwater Elev.: First Encounter N/A ft Upon Completion N/A ft Alter N/A Hrs. N/A ft Hard Gray, Moist SILTY CLAY, trace gravel (CL/ML) (continued) Medium Dense to Dense Gray, Moist to Wet SAND, with gravel, trace clay seams (SPG) Stiff Gray, Moist SILTY CLAY, with sand, trace gravel (CL/ML) Medium Dense to Dense Gray, Moist to Wet SAND, trace gravel (SP)									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

ROUTE Oak Park Avenue DESCRIPTION Bridge Abutment Boring LOGGED BY TS

SECTION I-80 at Oak Park Avenue LOCATION Oak Park Avenue, SEC. 6, TWP. 35N, RNG. 13E, Latitude 41.5508052, Longitude 87.7834389

COUNTY COOK DRILLING RIG DIEDRICH D-50 DRILLING METHOD MUD ROTARY HAMMER TYPE AUTO HAMMER EFF (%) 97.7

STRUCT. NO.	Station	DRILLING METHOD	DEPTH (ft)	LOG	TEST	U.C.S. (tsf)	LOG	TEST	U.C.S. (tsf)
016-0927	300+00	MUD ROTARY							
Surface Water Elev. N/A ft Stream Bed Elev. N/A ft Groundwater Elev.: First Encounter N/A ft Upon Completion N/A ft Alter N/A Hrs. N/A ft Medium Dense to Dense Gray, Moist to Wet SAND, trace gravel (SP) (continued) Medium Dense to Very Dense Gray, Moist SILTY CLAY LOAM (ML/CL) End of Boring									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)

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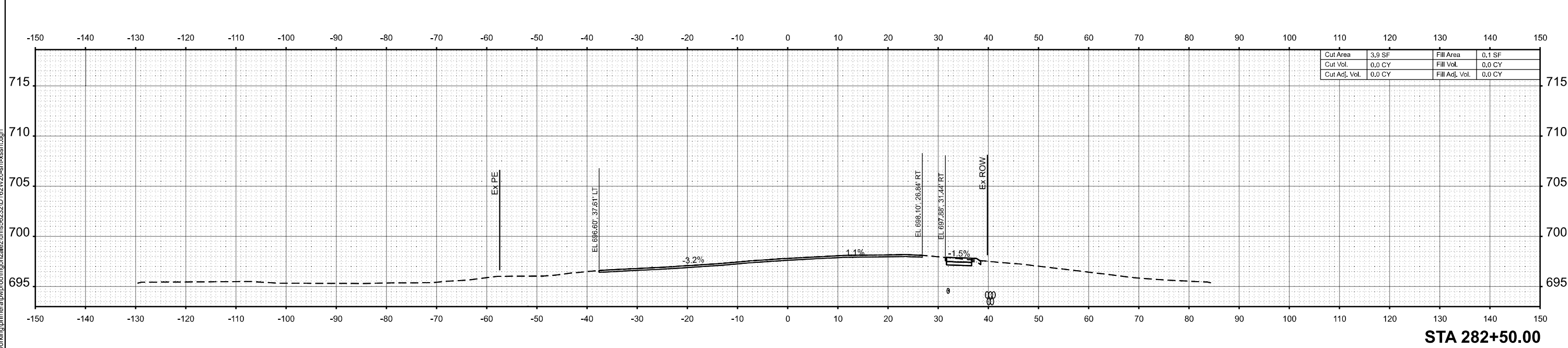
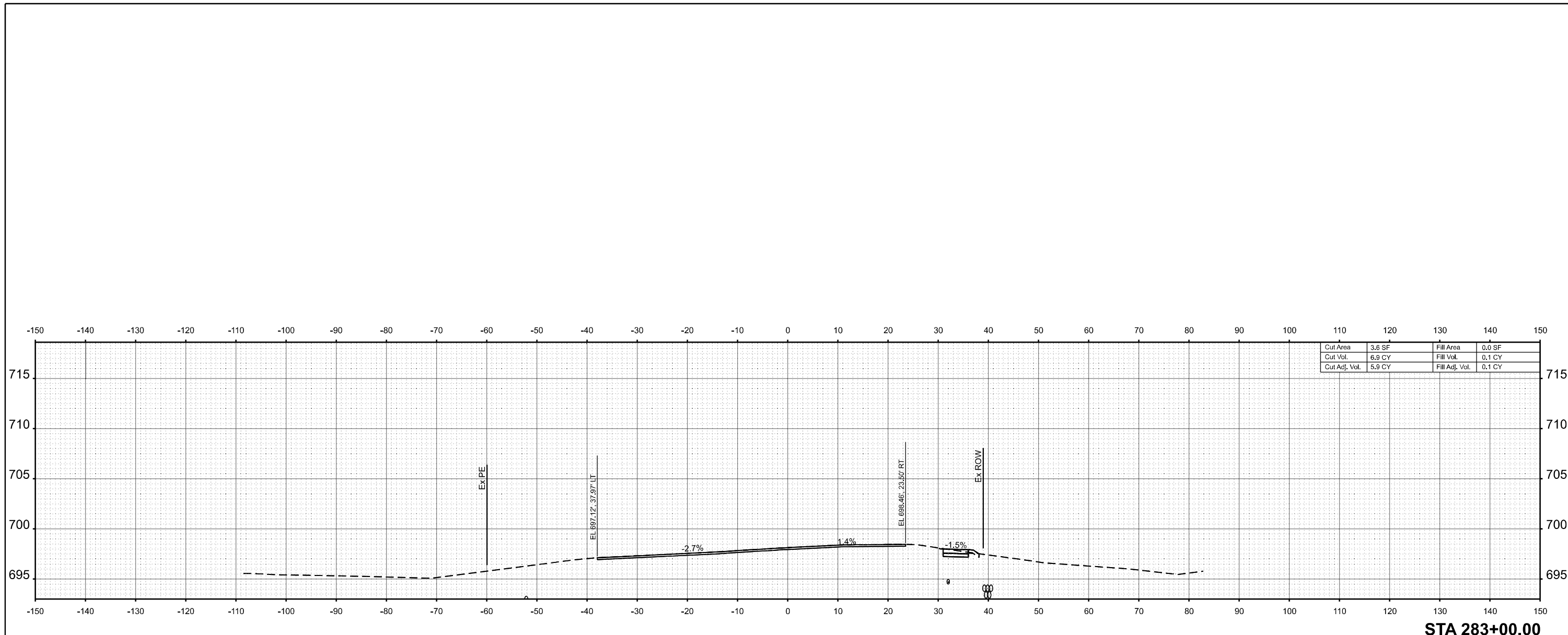
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	DRAWN - NMB	REVISED -
	CHECKED - STB	REVISED -
PLOT DATE = 5/6/2026	DATE - 5/6/2026	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS III STRUCTURE NO. 016-0927

SHEET S-36 OF S-36 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	111
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



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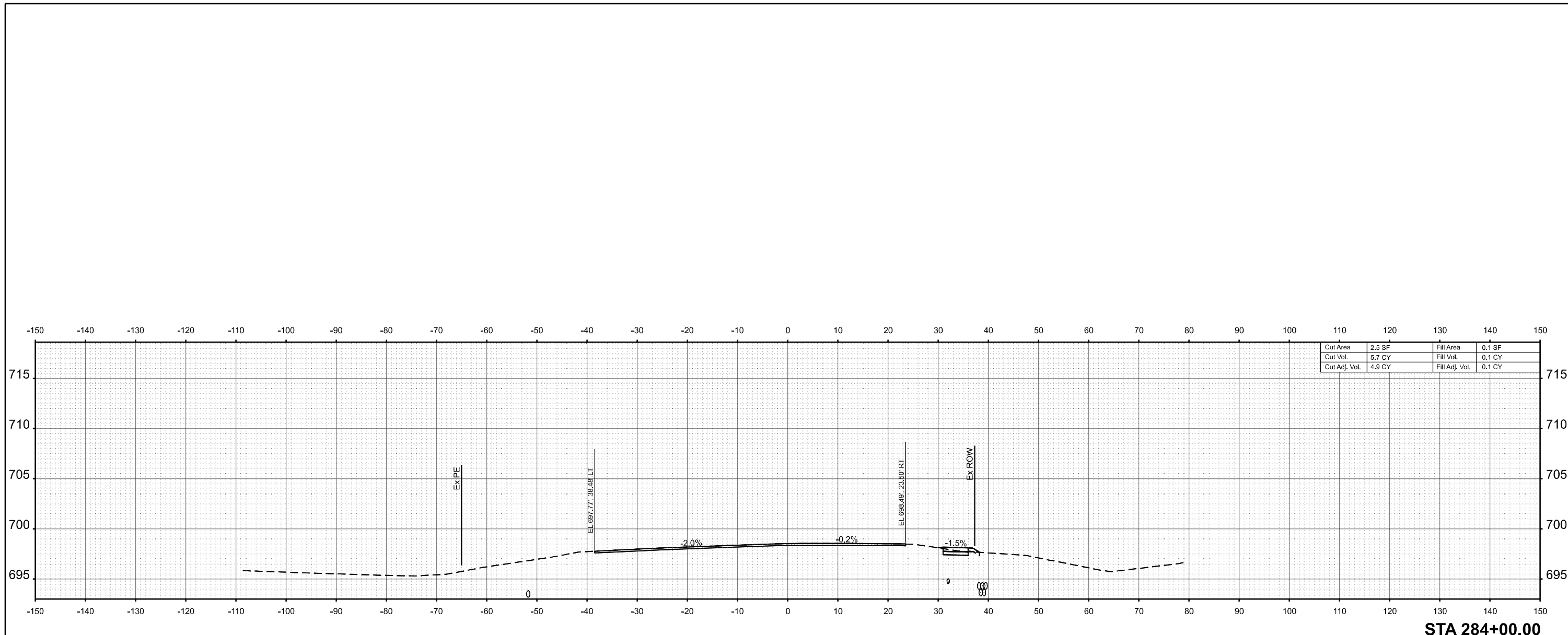
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DRAWN -		REVISIONS -	
CHECKED -		REVISIONS -	
DATE -	5/4/2026	REVISIONS -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

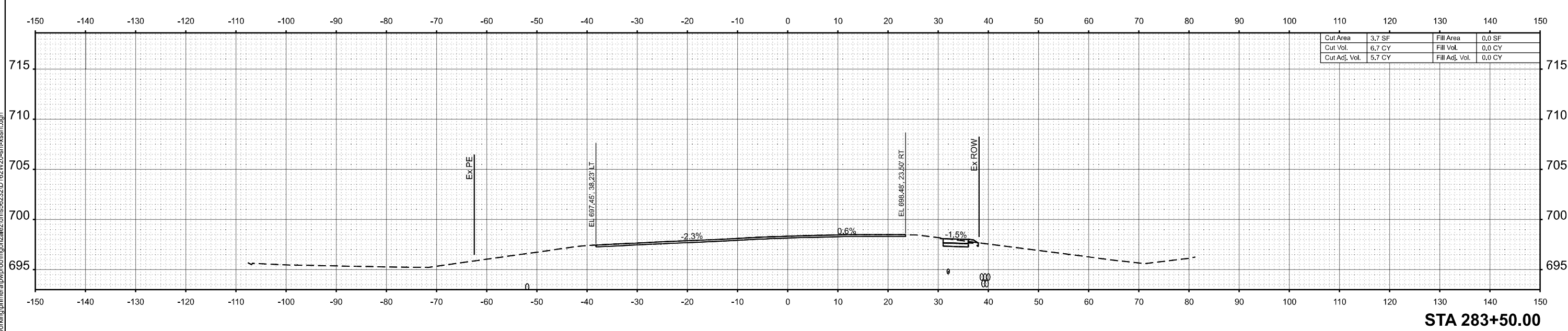
CROSS SECTIONS

SCALE: 1"=10' SHEET 1 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	112
CONTRACT NO. 62W20			ILLINOIS FED. AID PROJECT	



STA 284+00.00



STA 283+50.00

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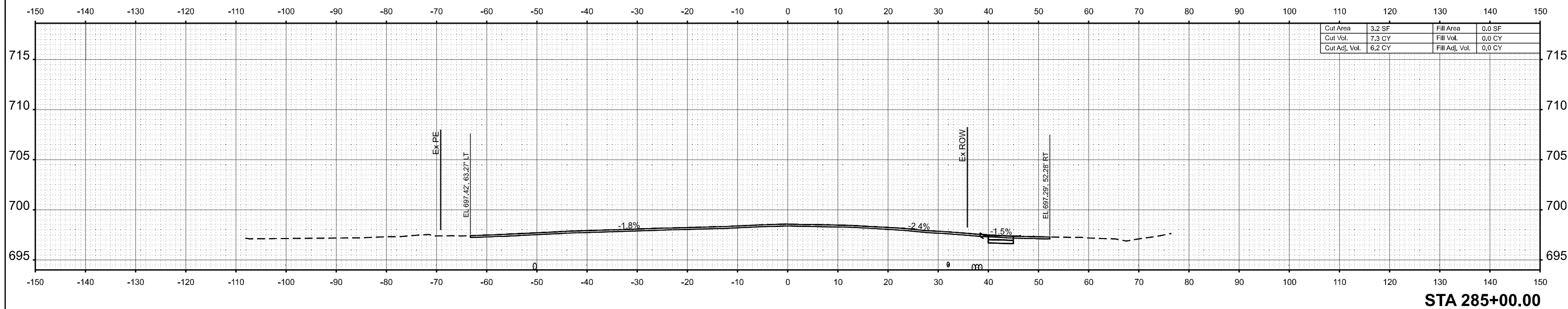
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PLOT DATE = 5/4/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

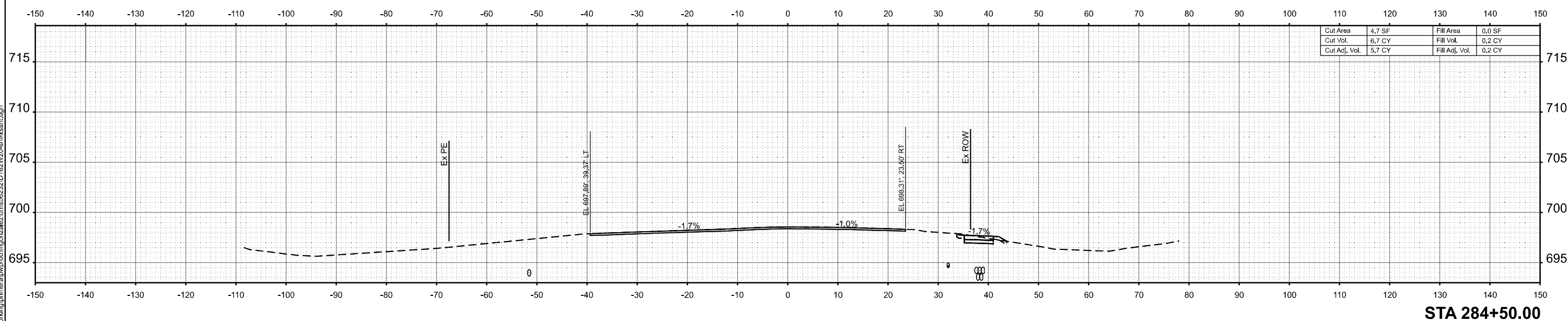
CROSS SECTIONS

SCALE: 1"=10' SHEET 2 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	113
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



STA 285+00.00



STA 284+50.00

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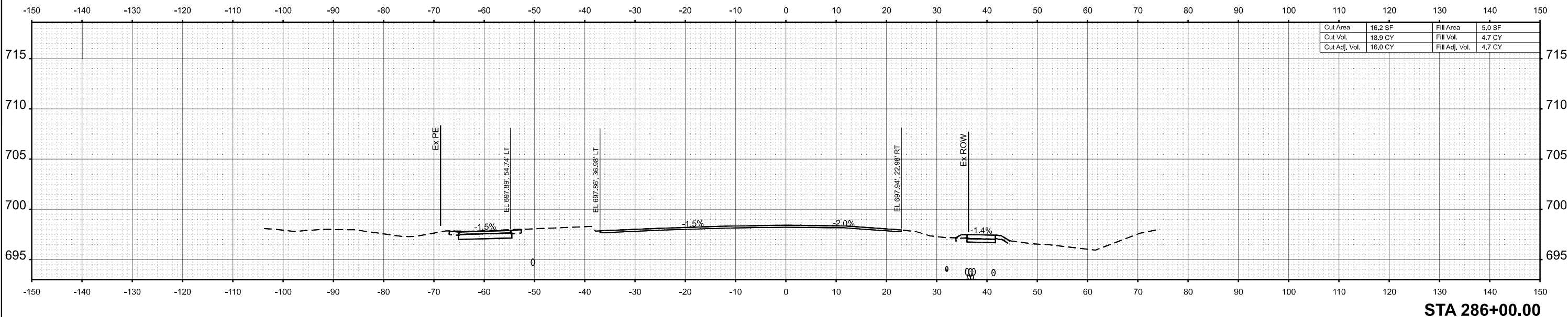
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DATE -	5/4/2026	REVISIONS -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

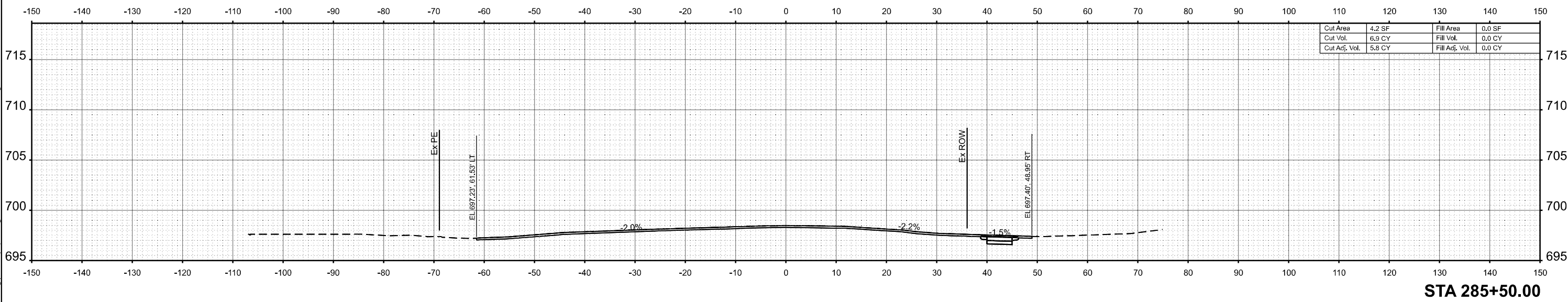
CROSS SECTIONS

SCALE: 1"=10' SHEET 3 OF 30 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	114
CONTRACT NO. 62W20			ILLINOIS FED. AID PROJECT	



STA 286+00.00



STA 285+50.00

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 80 W. JACKSON BLVD. SUITE 818 CHICAGO IL 60611 P.312-686-8110 F.312-686-8415



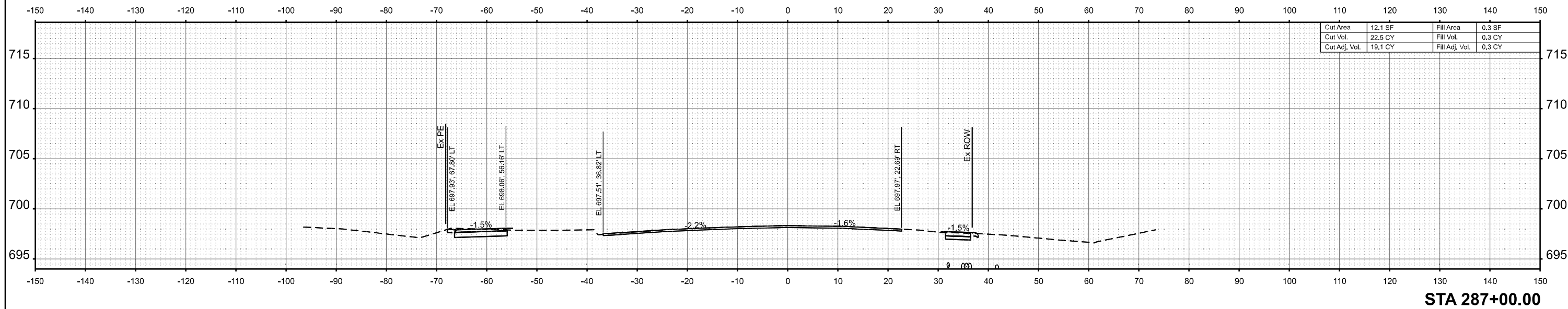
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PLOT DATE = 5/4/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

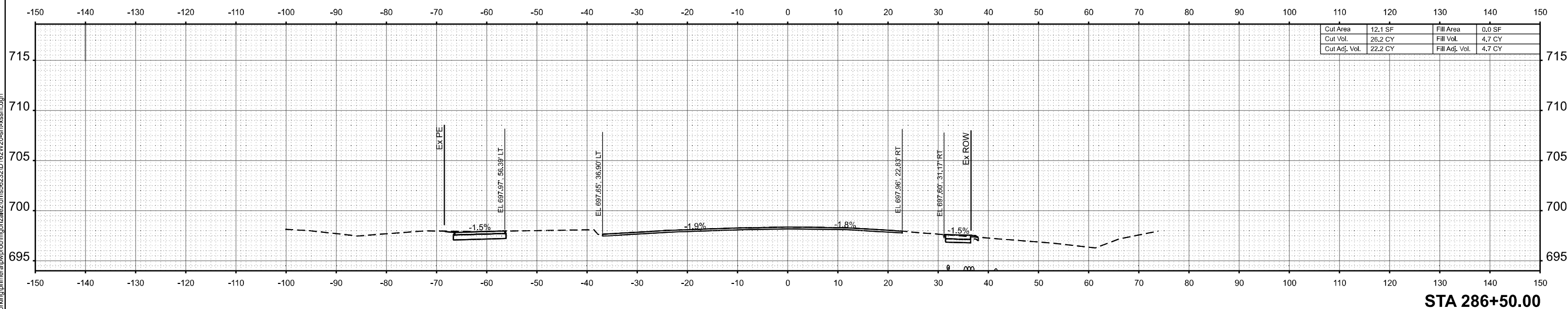
CROSS SECTIONS

SCALE: 1"=10' SHEET 4 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	115
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



STA 287+00.00



STA 286+50.00

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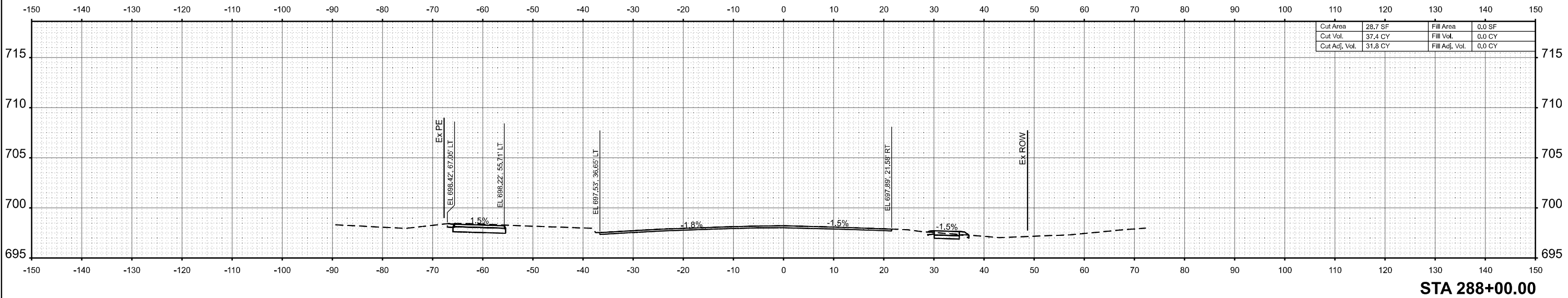
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PLOT DATE = 5/4/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

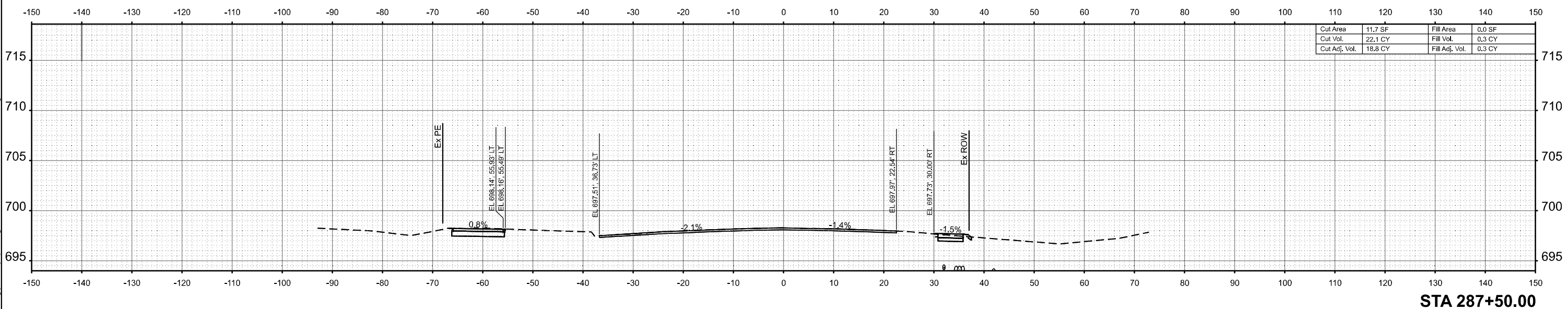
CROSS SECTIONS

SCALE: 1"=10' SHEET 5 OF 30 SHEETS STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	116
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



STA 288+00.00



STA 287+50.00

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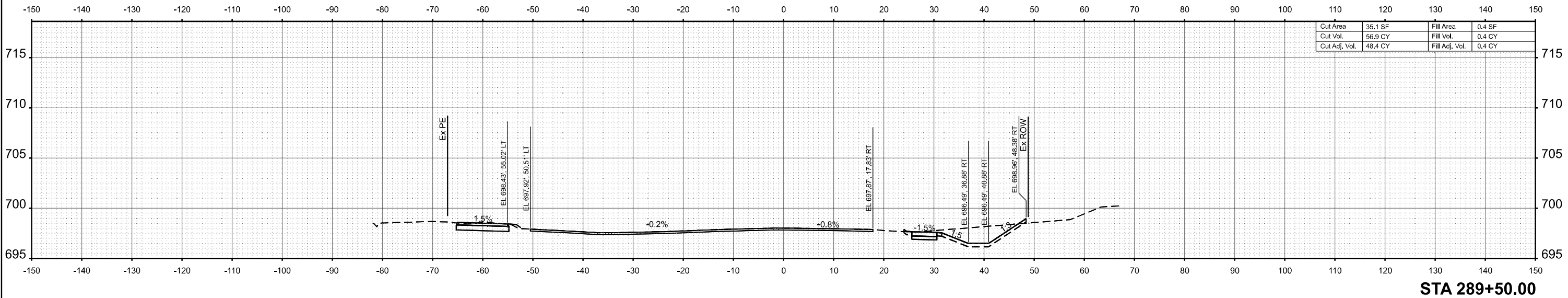
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DRAWN -		REVISD -	
CHECKED -		REVISD -	
DATE -	5/4/2026	REVISD -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

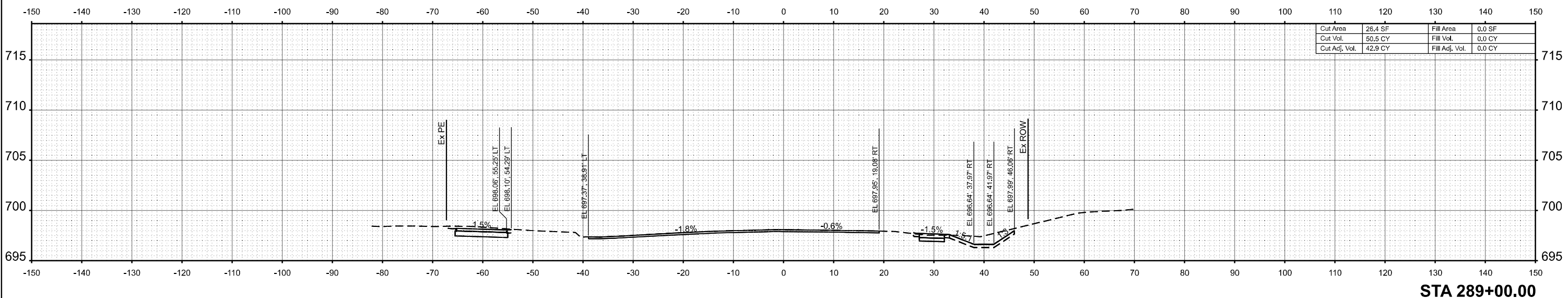
CROSS SECTIONS

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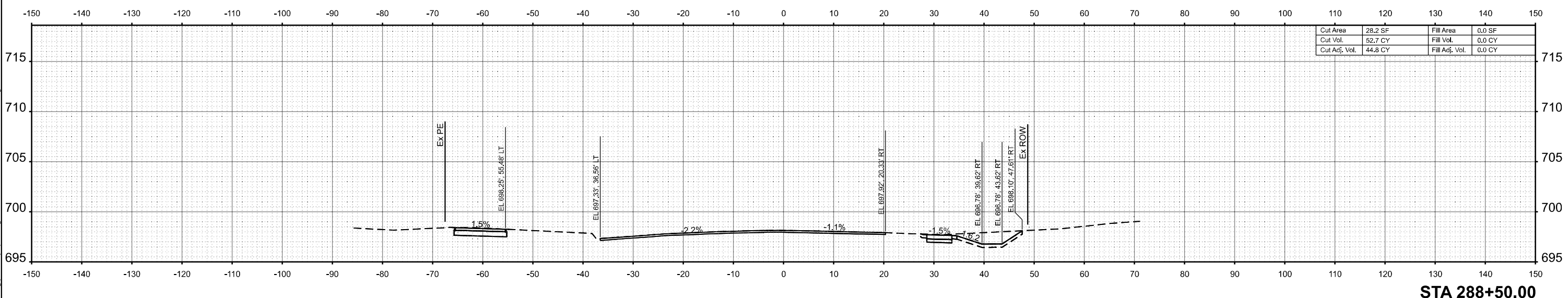
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80	FAI 80 23 Bridge Replacement 2	COOK	158	117
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



STA 289+50.00



STA 289+00.00



STA 288+50.00

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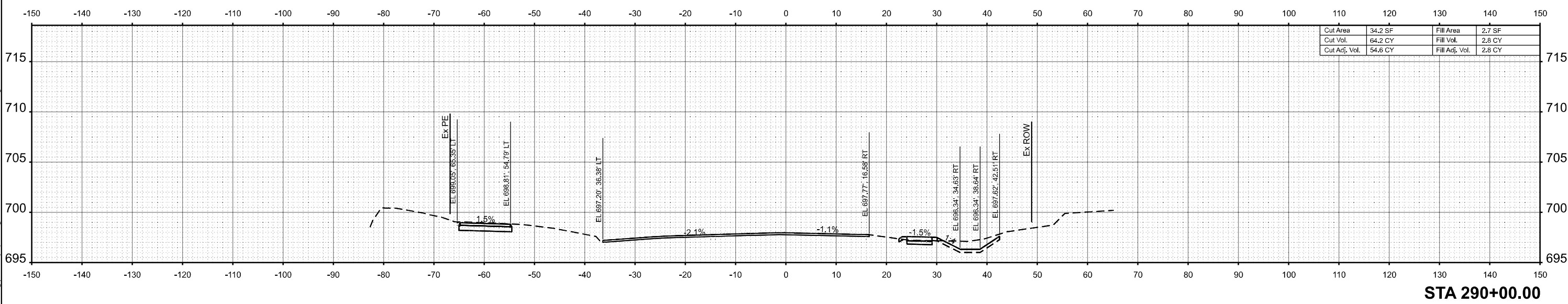
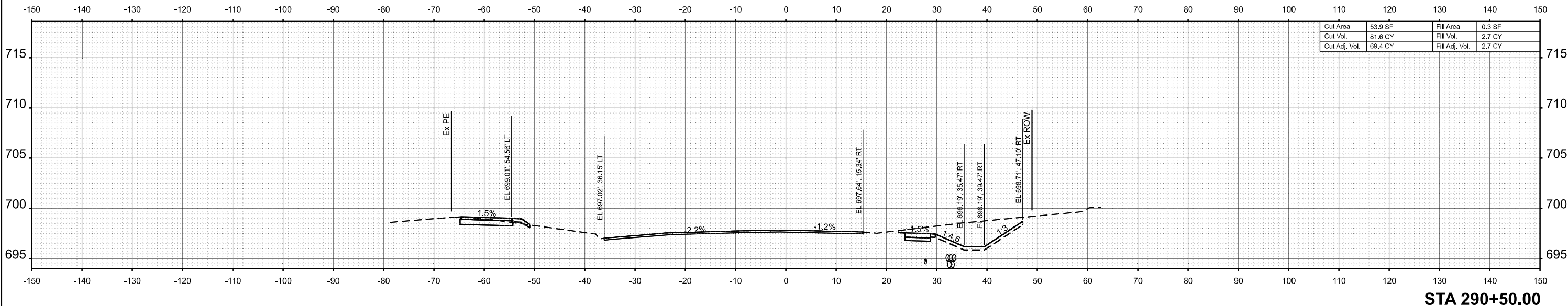
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DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10'
 SHEET 7 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	118
CONTRACT NO. 62W20			ILLINOIS FED. AID PROJECT	



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	CHECKED -	REVISED -
PLOT DATE = 5/4/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10' SHEET 8 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	119
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

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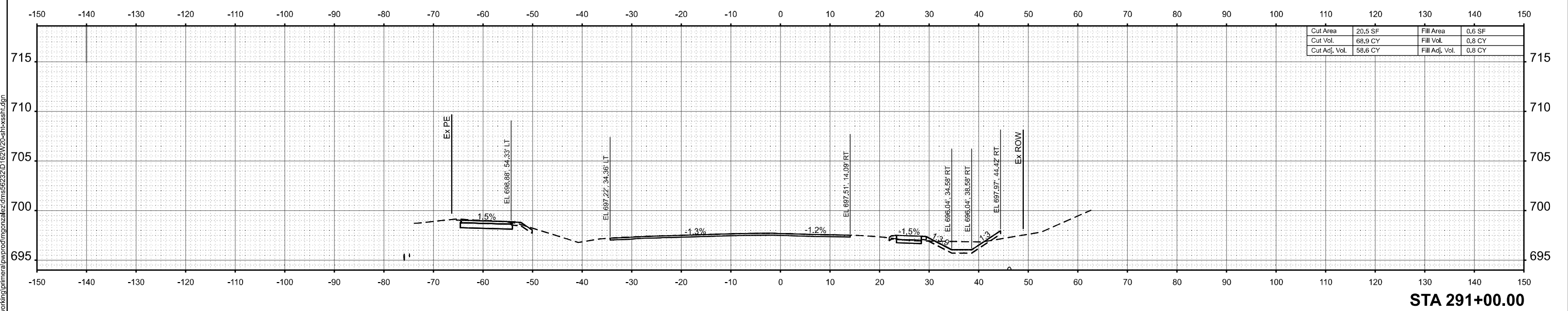
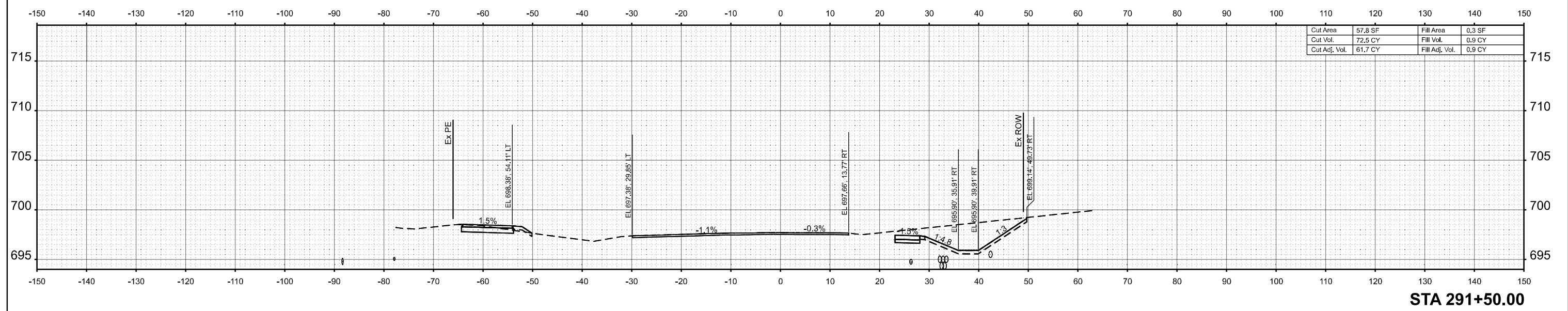
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PLOT DATE = 5/4/2026	DATE -	REVISED -

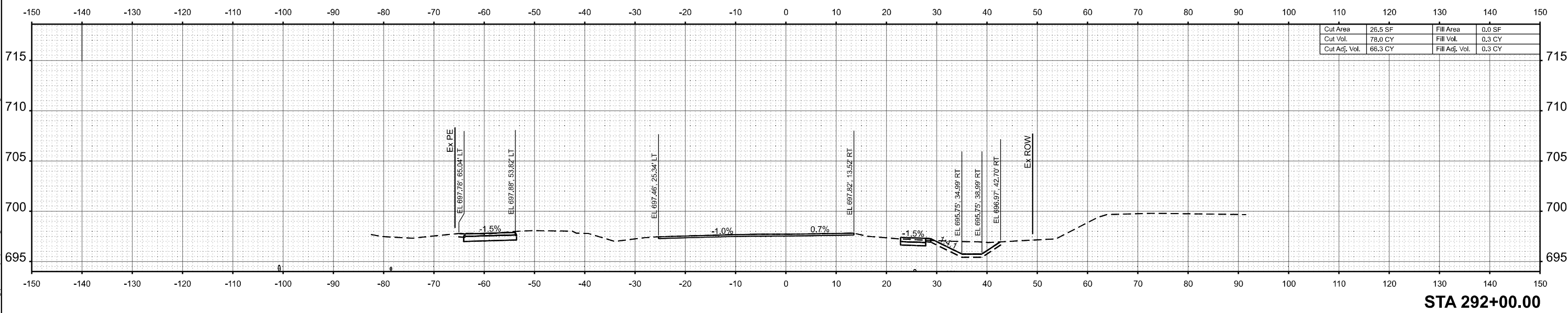
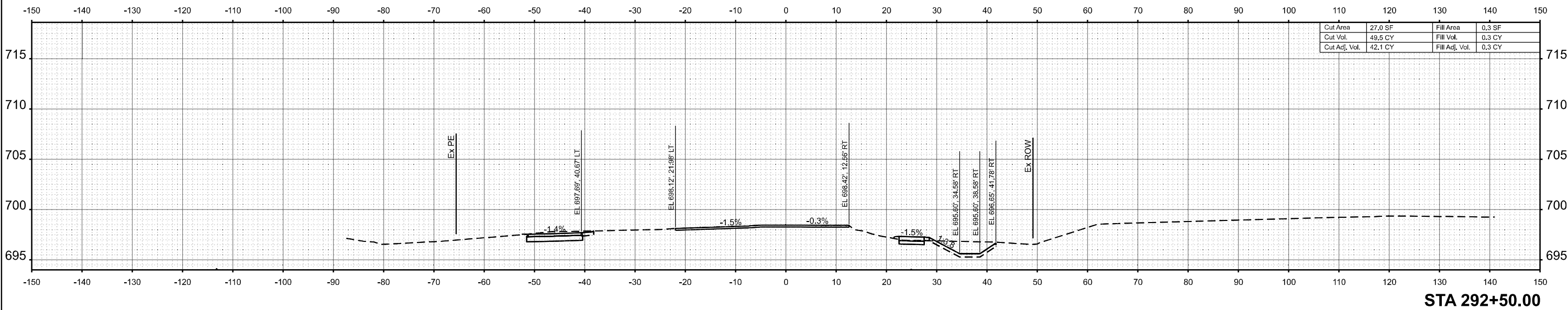
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10' SHEET 9 OF 30 SHEETS STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	120
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				





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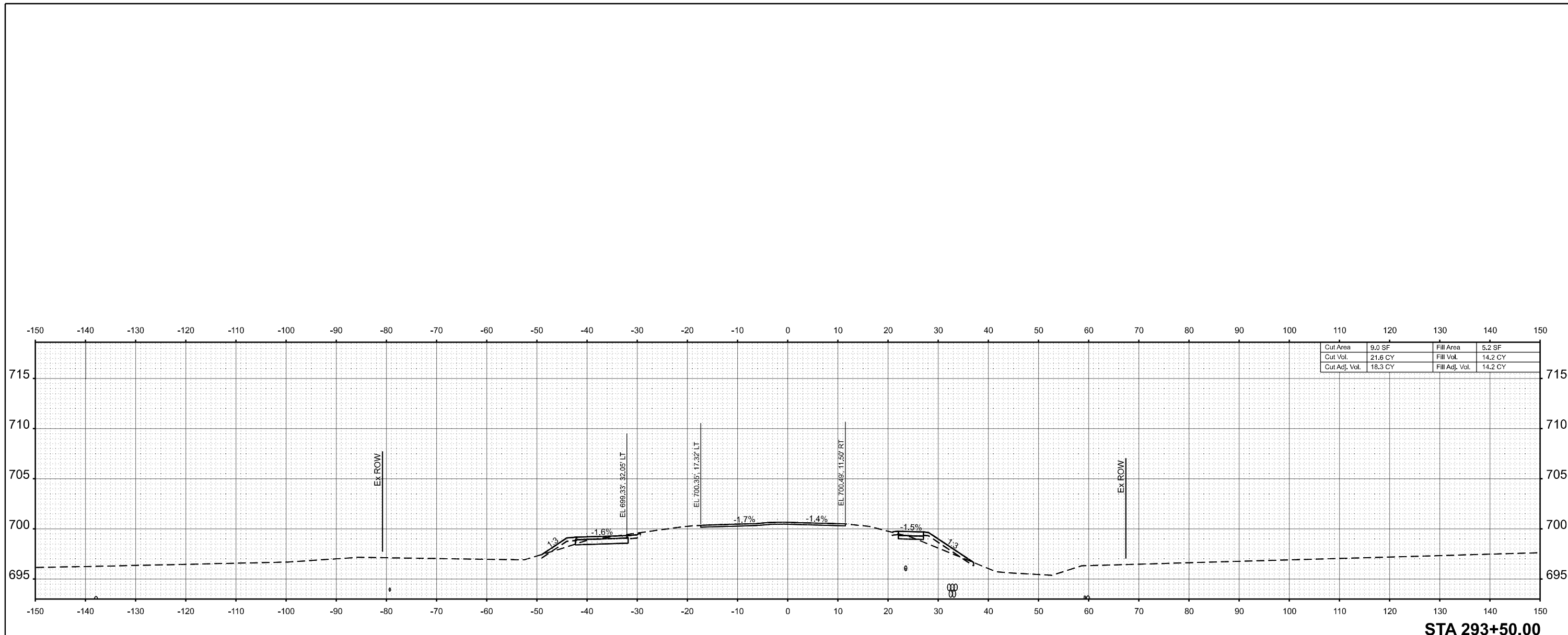
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DATE -	5/4/2026	REVISD -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

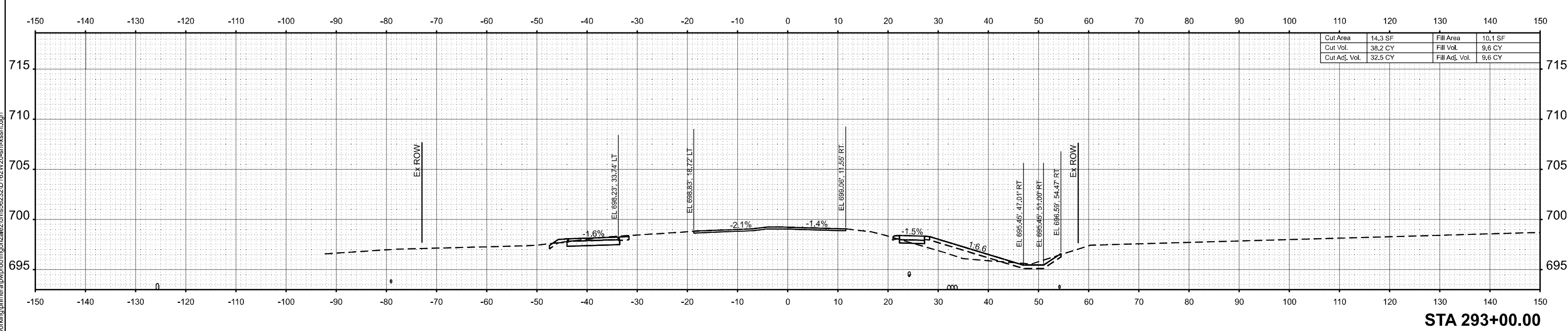
CROSS SECTIONS

SCALE: 1"=10' SHEET 10 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	121
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



STA 293+50.00



STA 293+00.00

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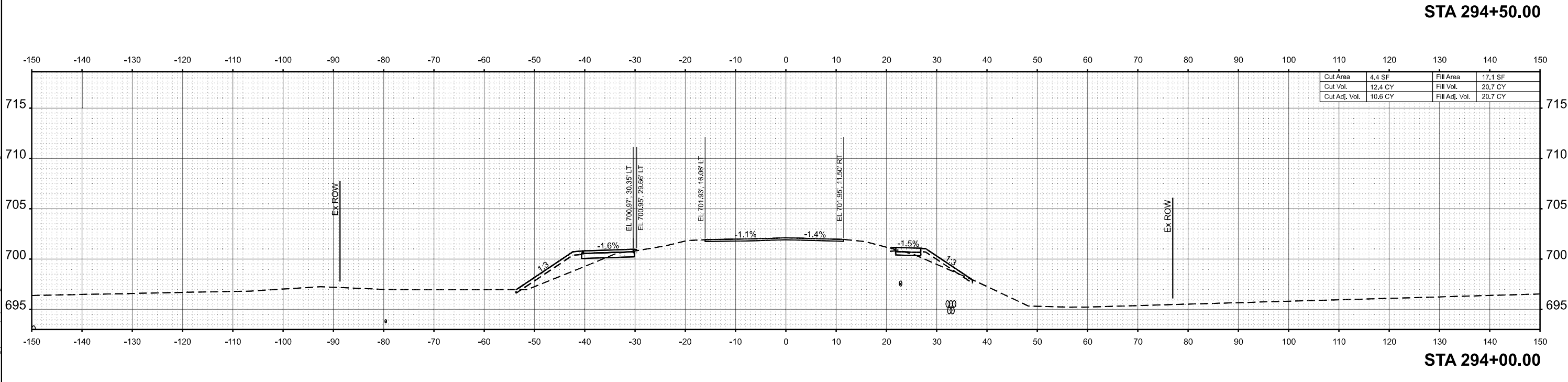
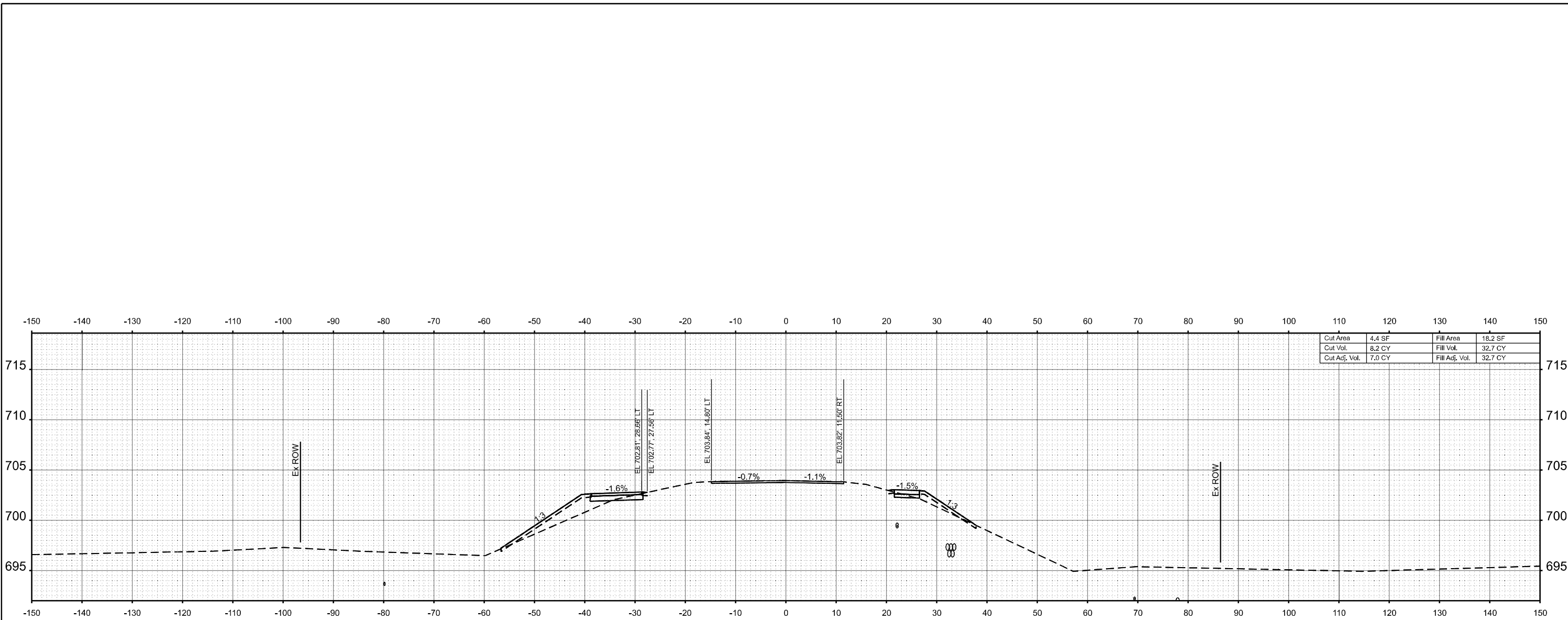
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' SHEET 11 OF 30 SHEETS STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	122
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



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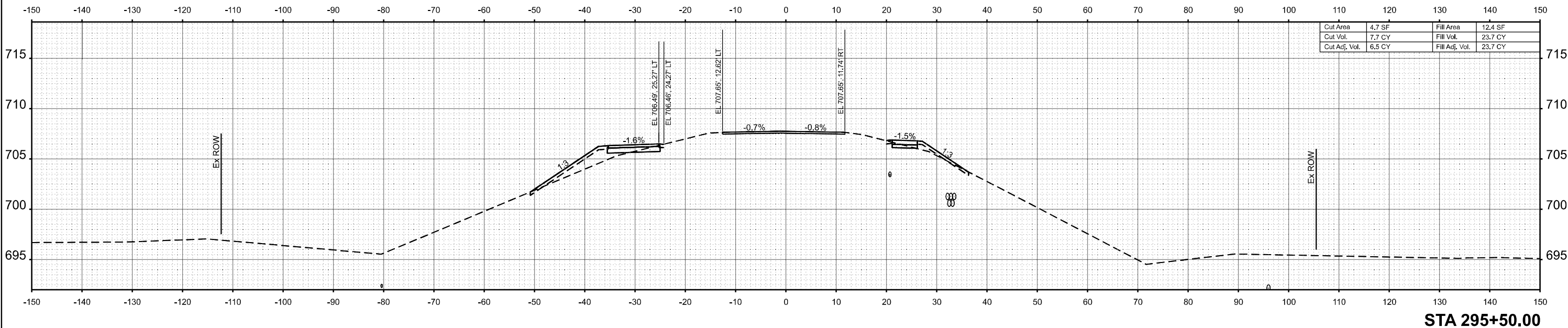
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PLOT DATE	= 5/4/2026	REVISIONS	-	DATE	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

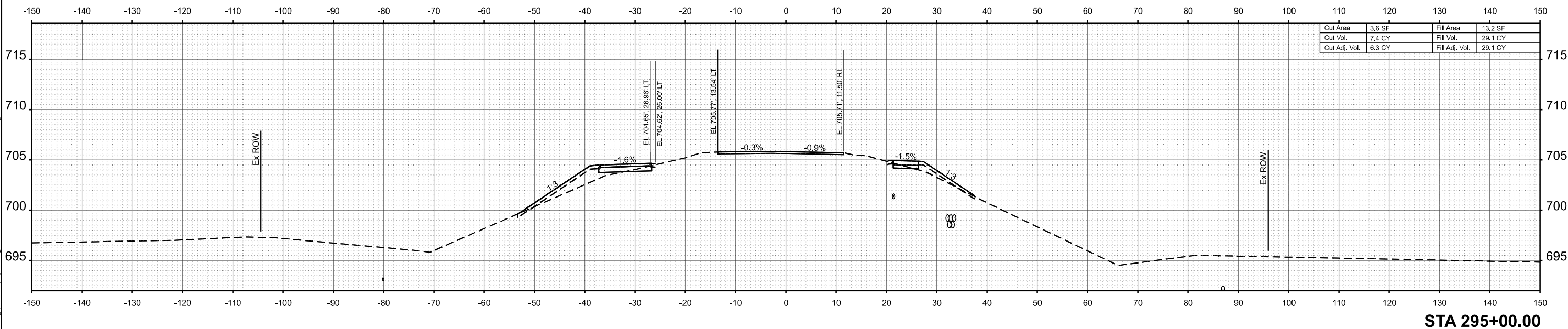
SCALE: 1"=10' SHEET 12 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	123
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



Cut Area	4.7 SF	Fill Area	12.4 SF
Cut Vol.	7.7 CY	Fill Vol.	23.7 CY
Cut Adj. Vol.	6.5 CY	Fill Adj. Vol.	23.7 CY

STA 295+50.00



Cut Area	3.6 SF	Fill Area	13.2 SF
Cut Vol.	7.4 CY	Fill Vol.	29.1 CY
Cut Adj. Vol.	6.3 CY	Fill Adj. Vol.	29.1 CY

STA 295+00.00

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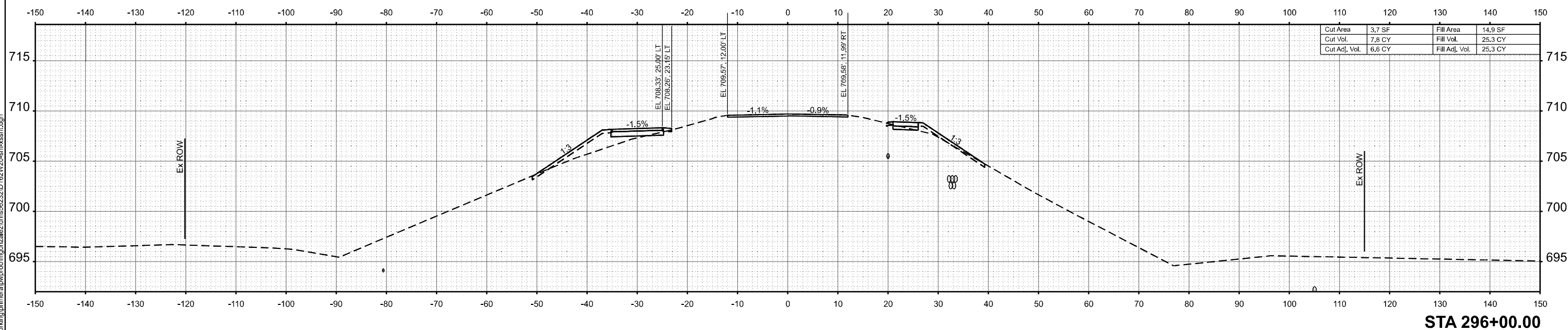
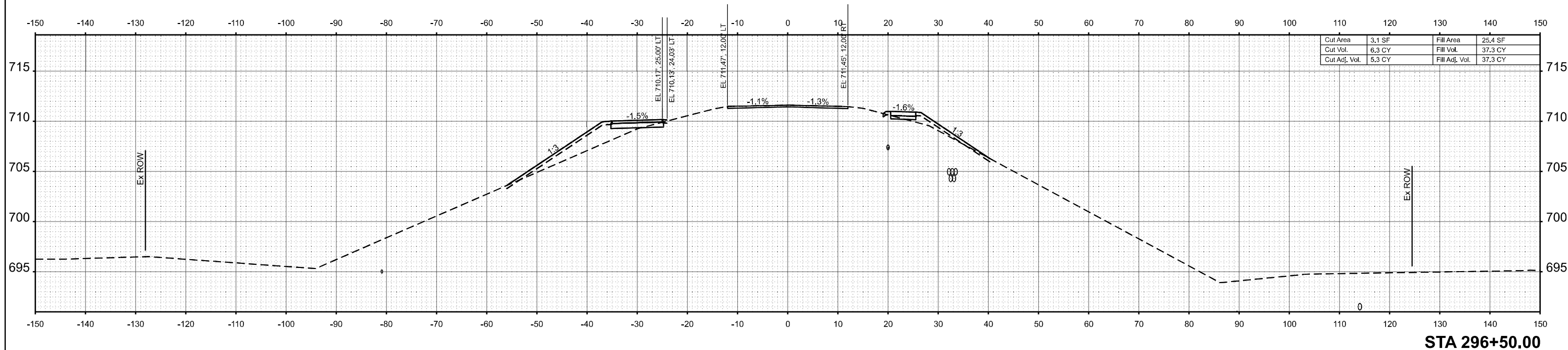
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DRAWN	-	REVISIONS	-	REVISIONS	-
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DATE	-	REVISIONS	-	REVISIONS	-
PLOT DATE	= 5/4/2026				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' SHEET 13 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	124
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



MODEL: PR Oak Park Ave Cl - 206+00.00 (Sheet)
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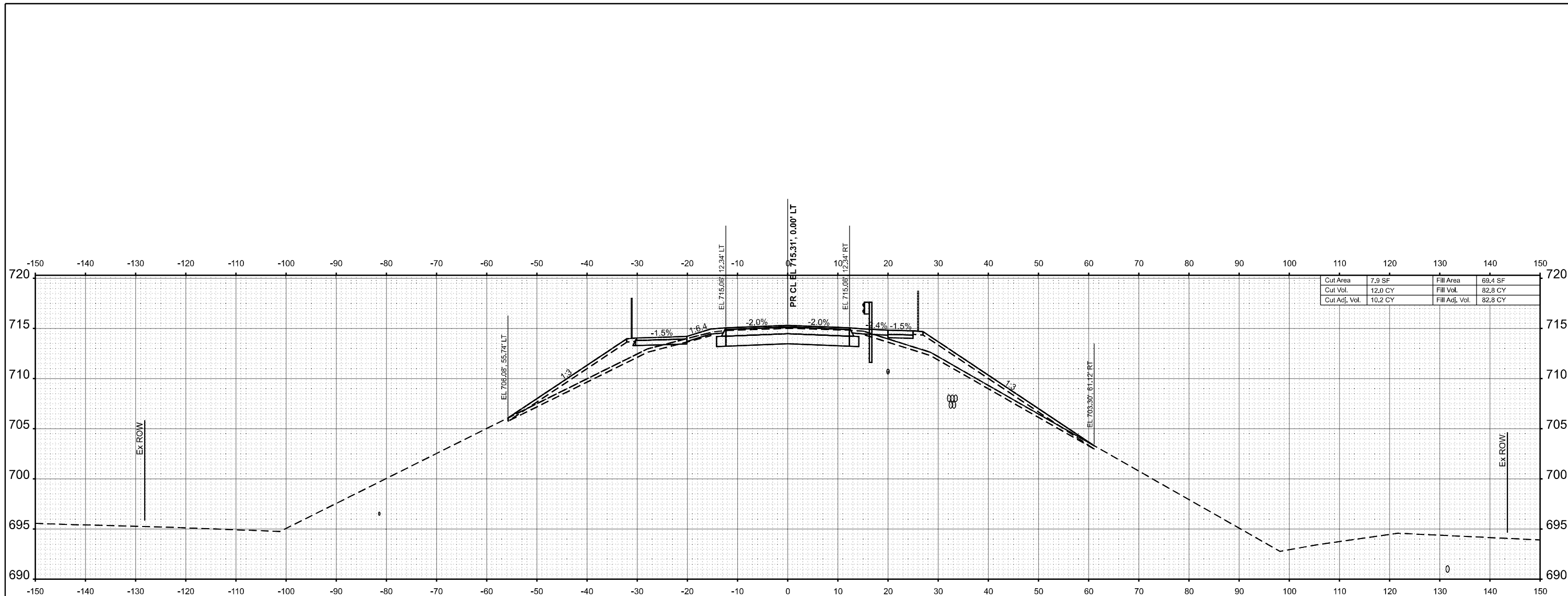
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DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

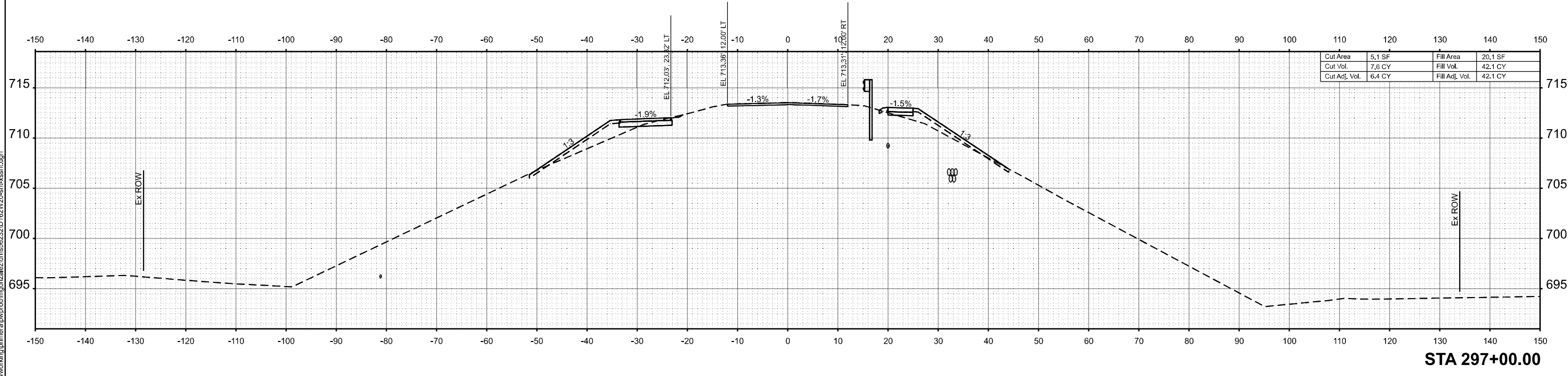
CROSS SECTIONS

SCALE: 1"=10' SHEET 14 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	125
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



STA 297+50.00



STA 297+00.00

MODEL: PR Oak Park Ave Cl - 297+00.00 (Sheet)
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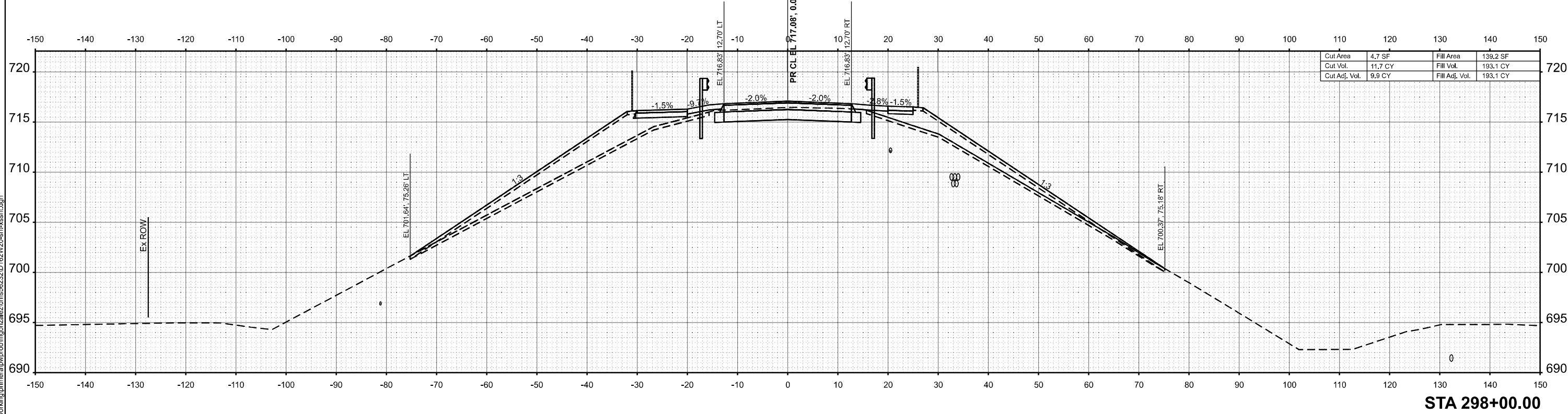
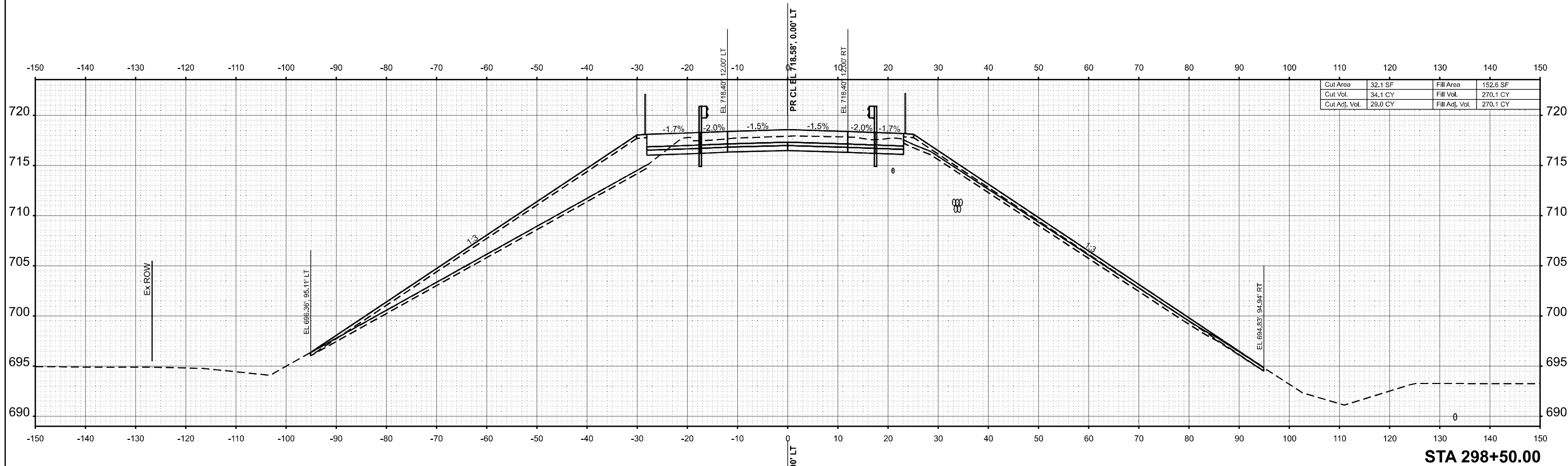
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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' SHEET 15 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	126
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



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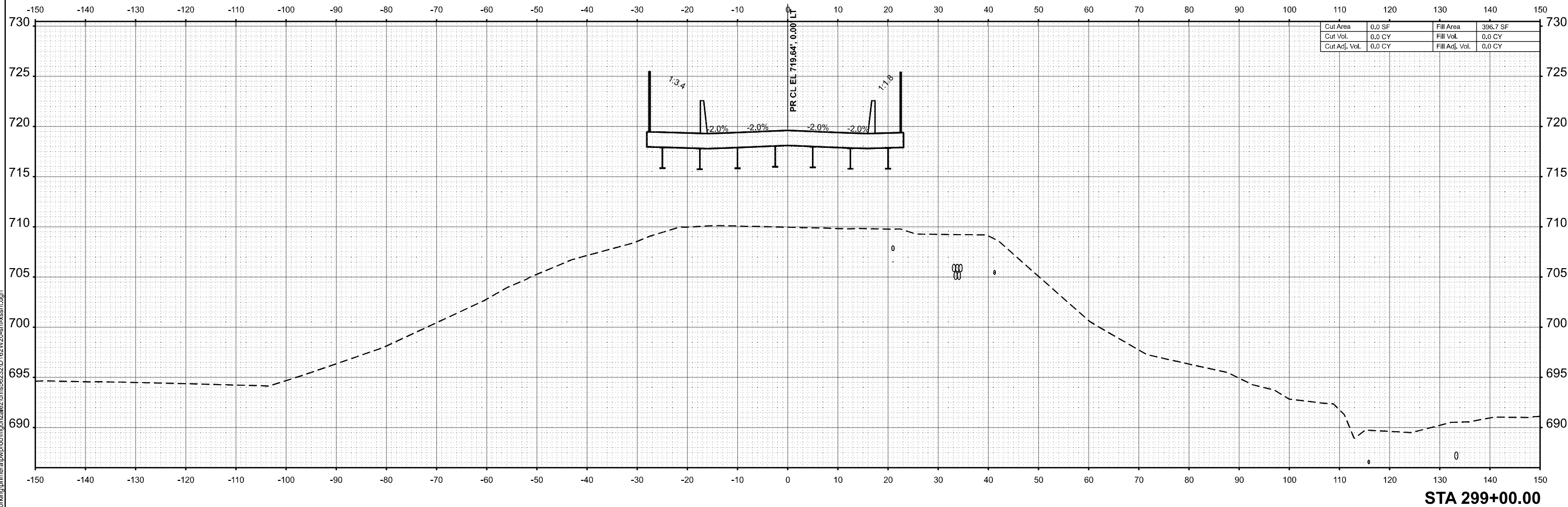
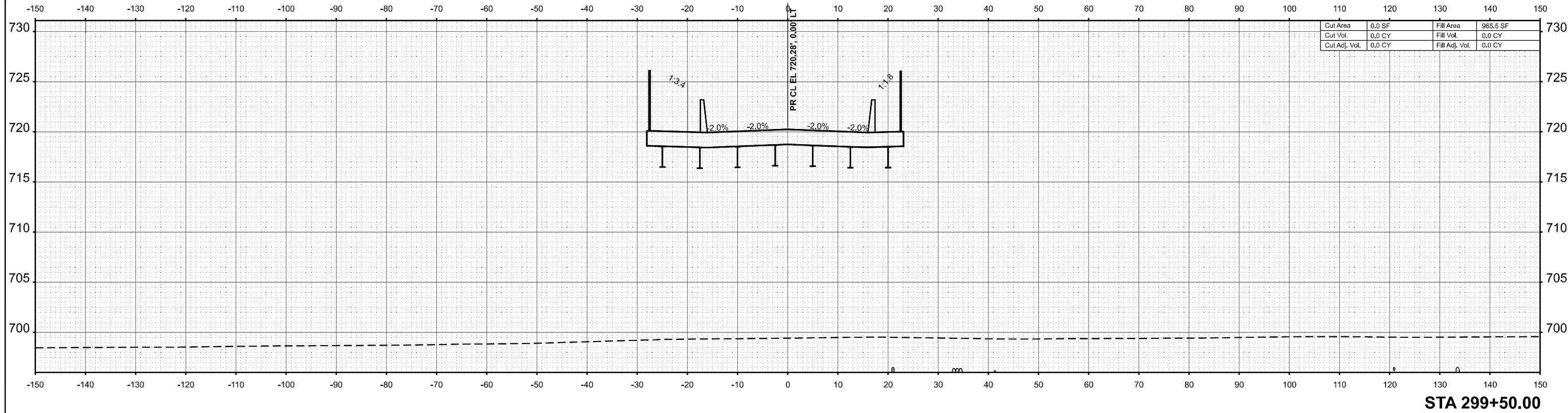
DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 SCALE: 1"=10'
 SHEET 16 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	127
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



MODEL: PR Oak Park Ave Cl - 209+00.00 (Sheet)
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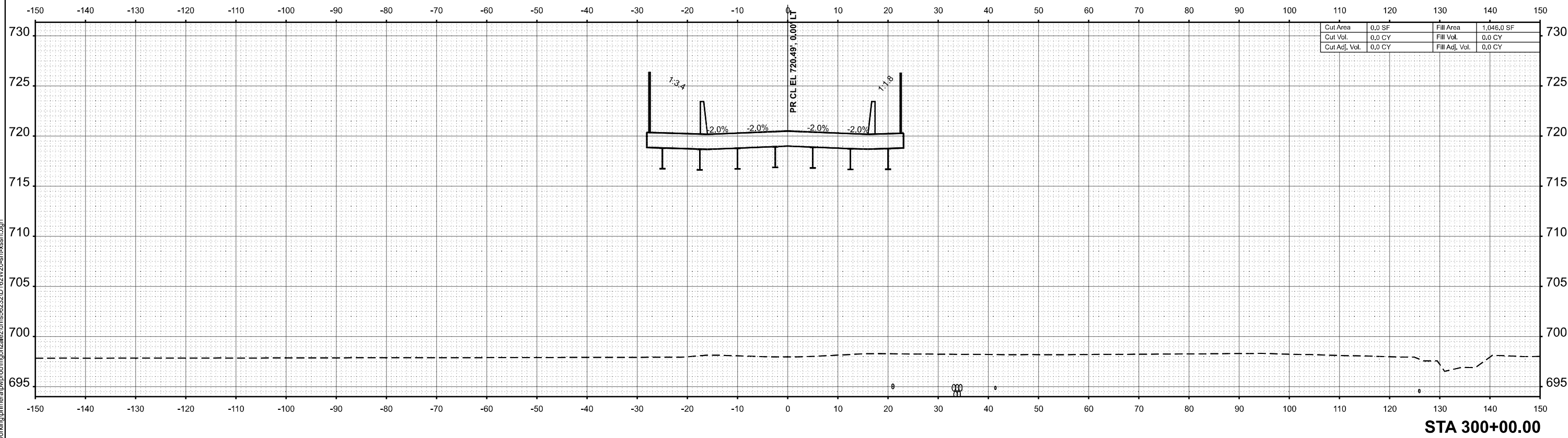
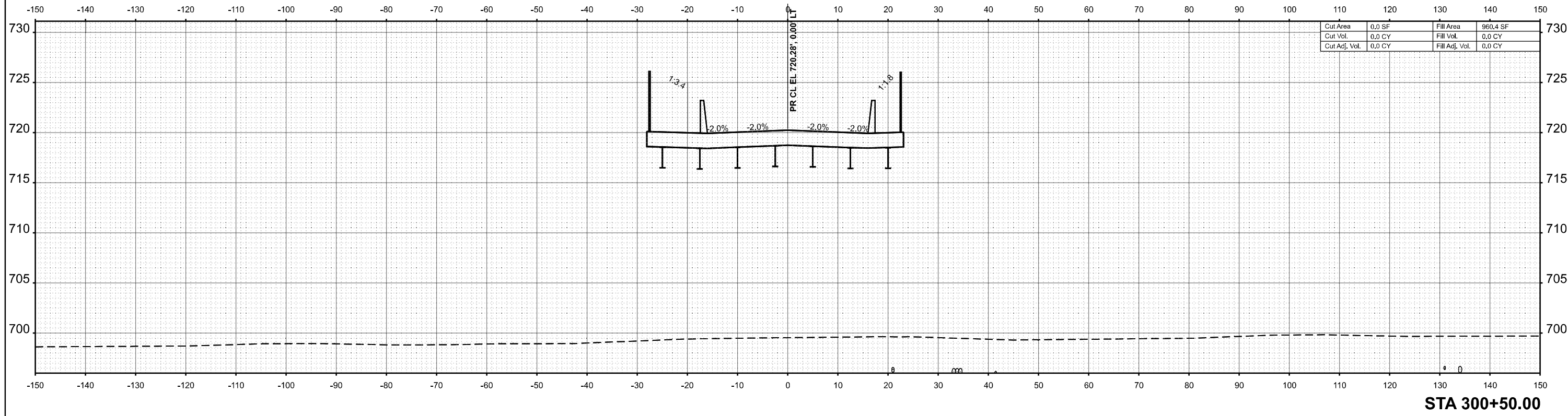
REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' SHEET 17 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	128
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



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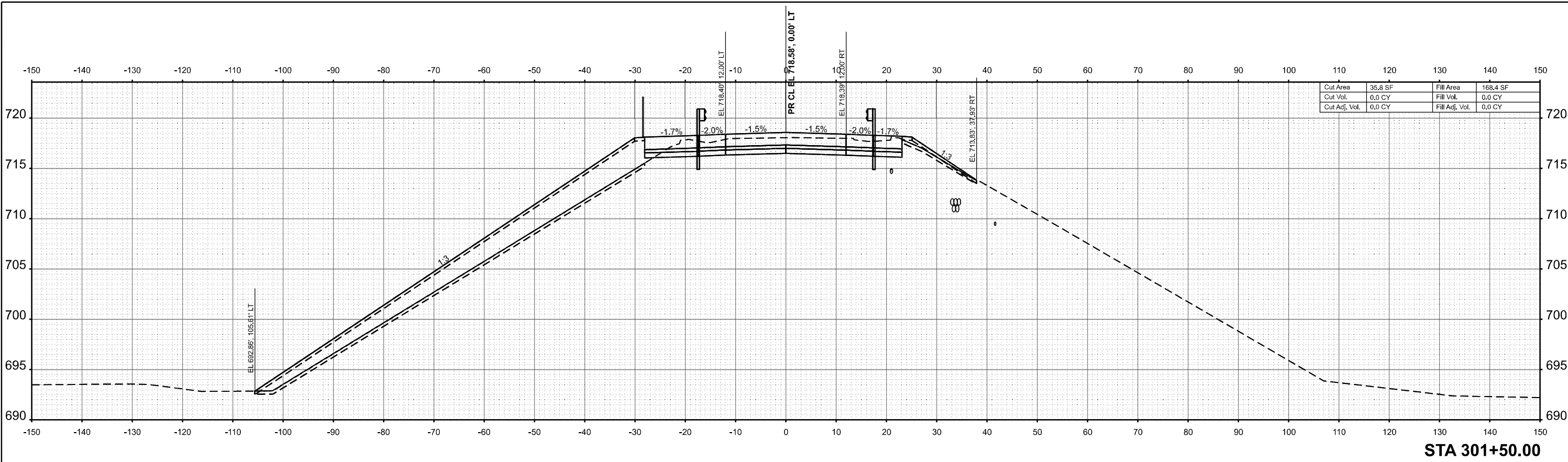
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DATE -	5/4/2026	REVISÉD -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

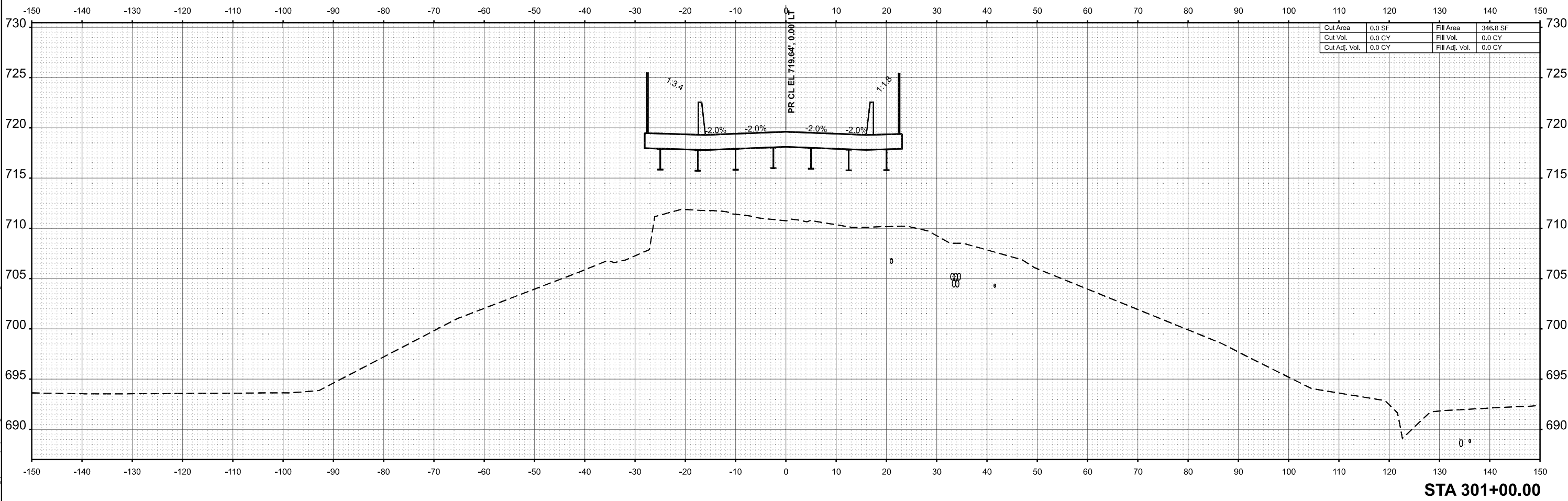
CROSS SECTIONS

SCALE: 1"=10' SHEET 18 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	129
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



STA 301+50.00



STA 301+00.00

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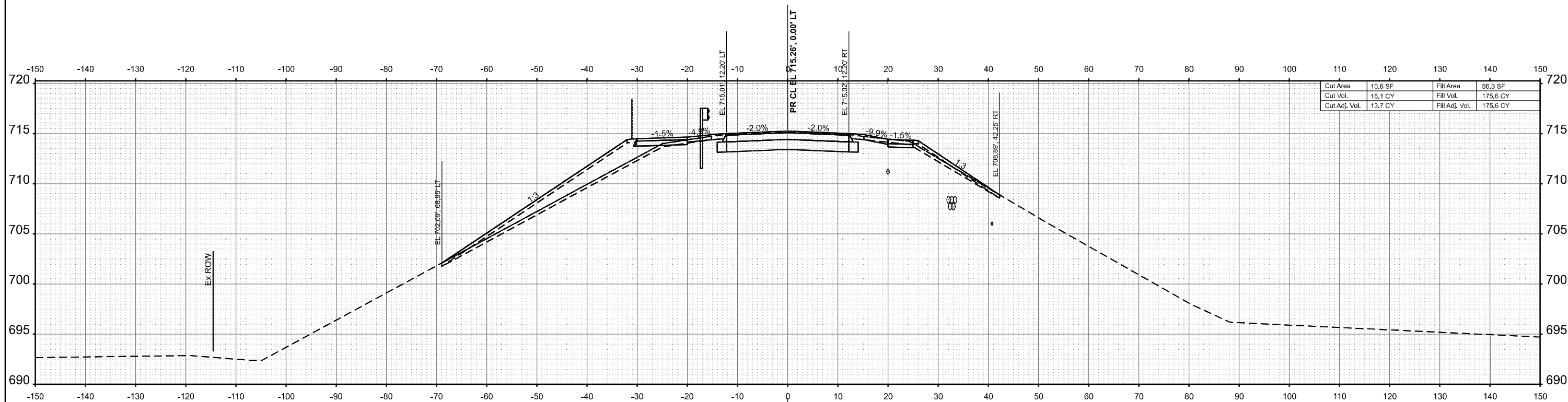
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PLOT DATE	= 5/4/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

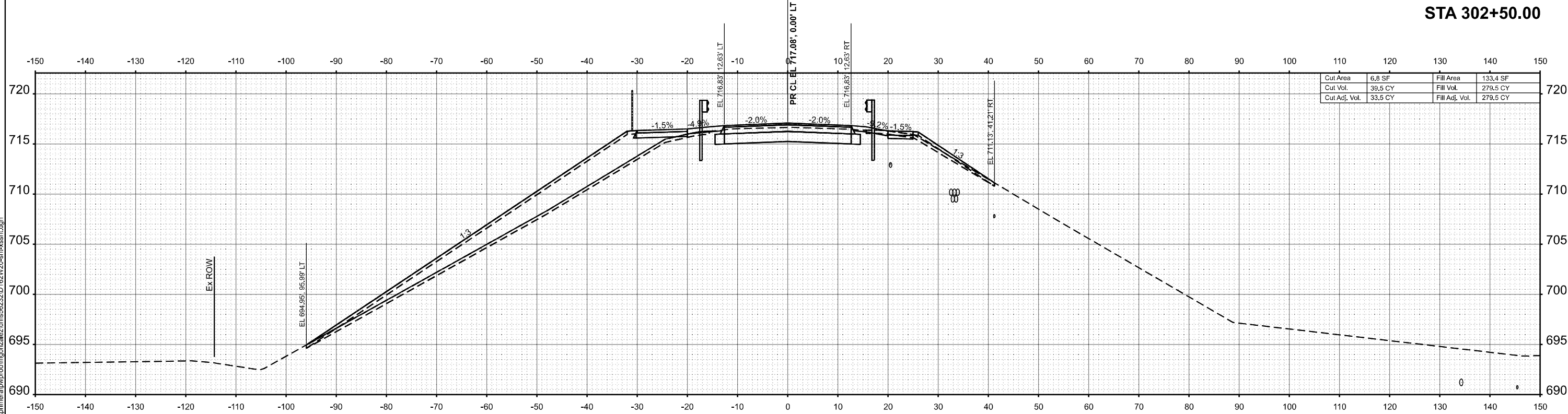
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	130
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



Cut Area	10.6 SF	Fill Area	56.3 SF
Cut Vol.	16.1 CY	Fill Vol.	175.6 CY
Cut Adj. Vol.	13.7 CY	Fill Adj. Vol.	175.6 CY

STA 302+50.00



Cut Area	6.8 SF	Fill Area	133.4 SF
Cut Vol.	39.5 CY	Fill Vol.	279.5 CY
Cut Adj. Vol.	33.5 CY	Fill Adj. Vol.	279.5 CY

STA 302+00.00

MODEL: PR Oak Park Ave Cl - 202+00.00 (Sheet)
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DESIGNED -
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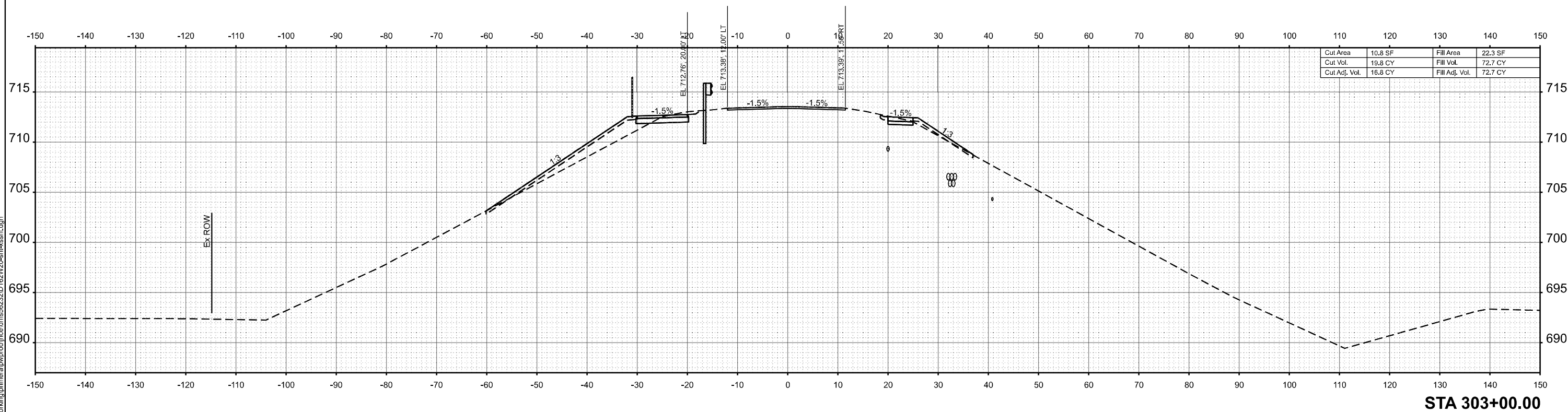
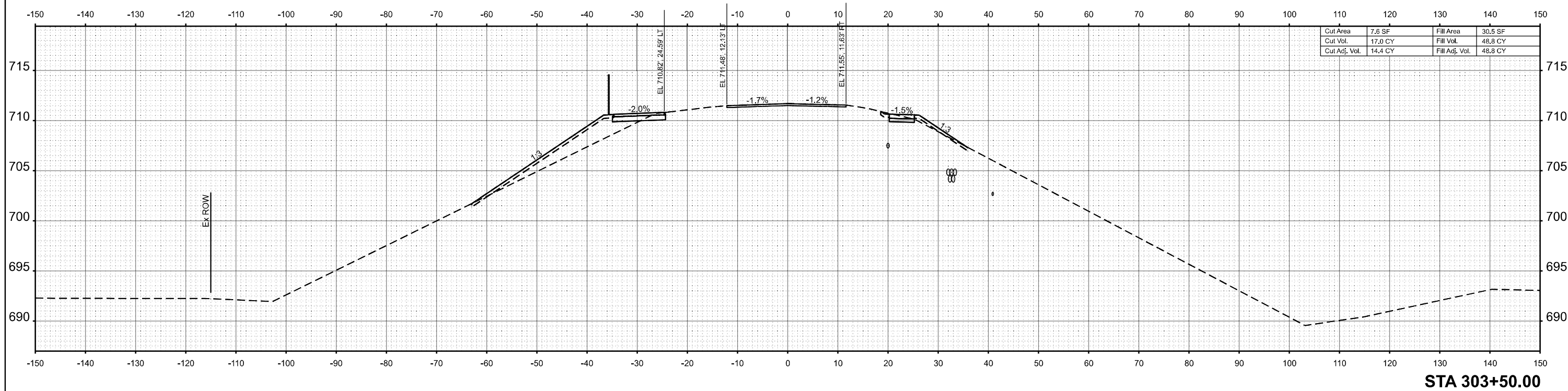
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10'
 SHEET 20 OF 30 SHEETS
 STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	131
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



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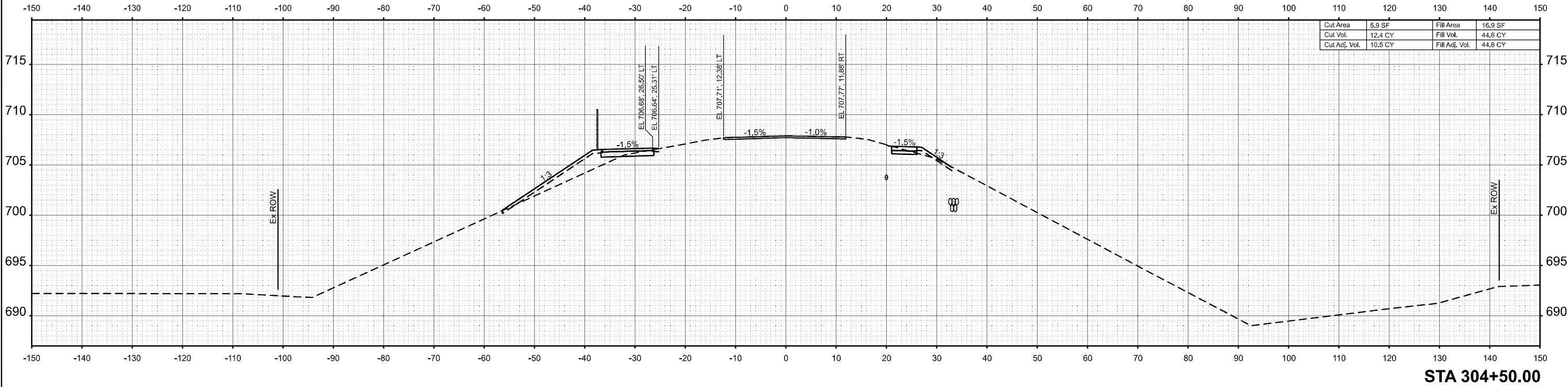
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

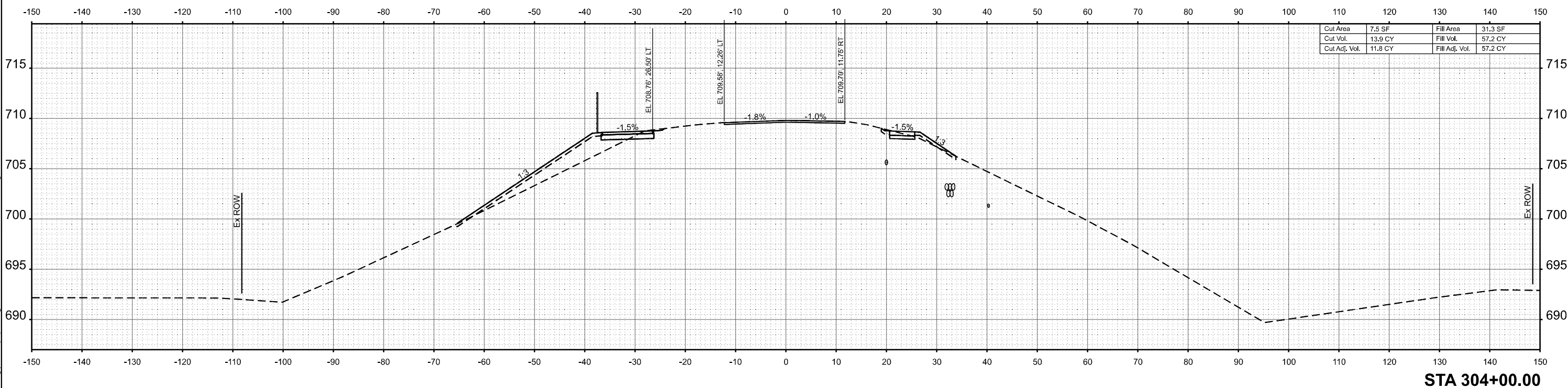
CROSS SECTIONS

SCALE: 1"=10' SHEET 21 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	132
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



STA 304+50.00



STA 304+00.00

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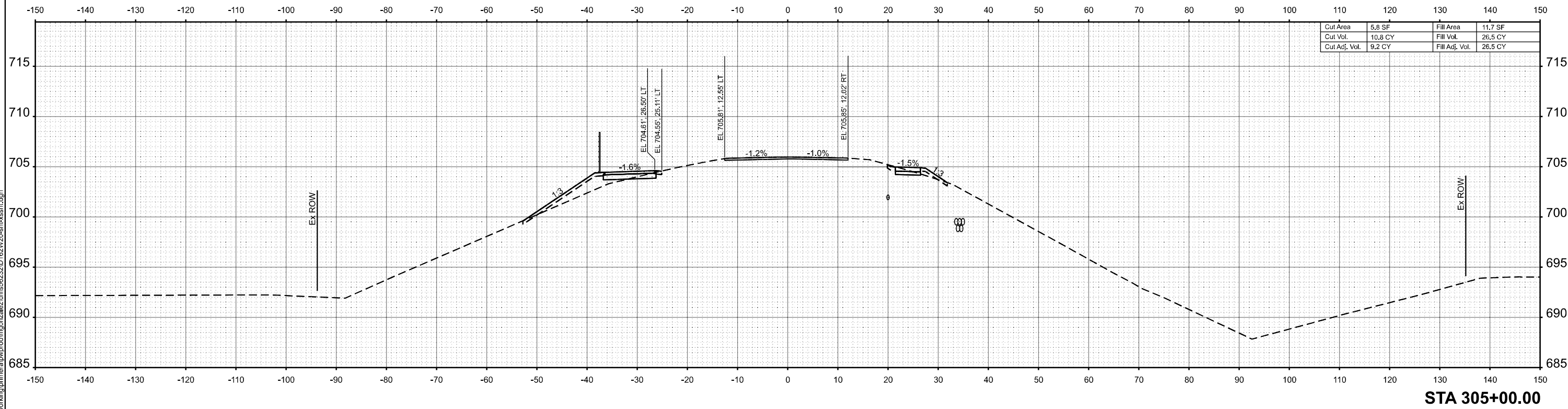
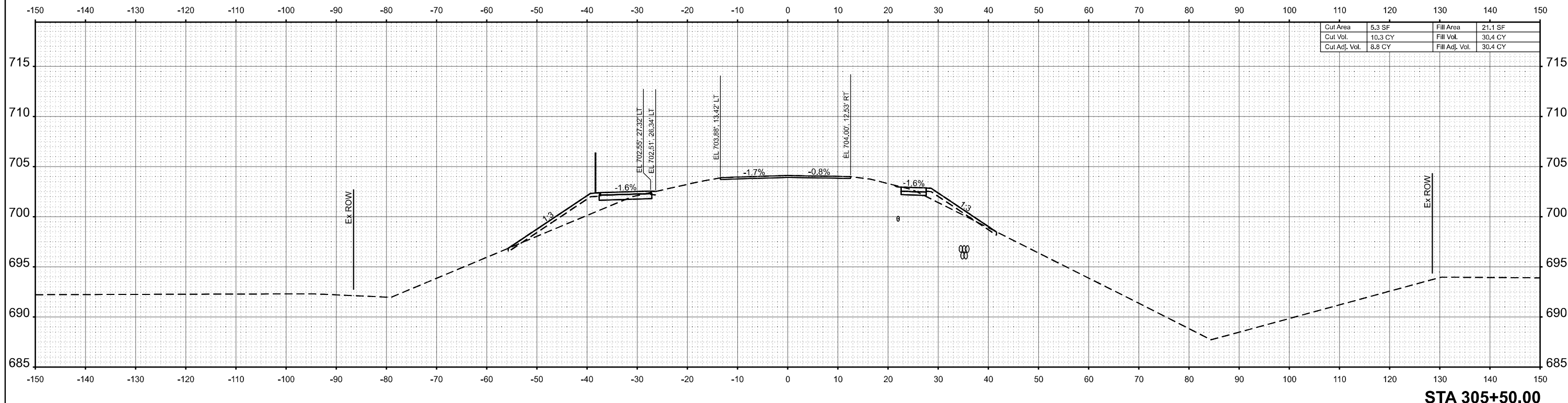
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PLOT DATE = 5/4/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' SHEET 22 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	133
			CONTRACT NO. 62W20	
ILLINOIS FED. AID PROJECT				



MODEL: PR Oak Park Ave Cl - 305+00.00 (Sheet)
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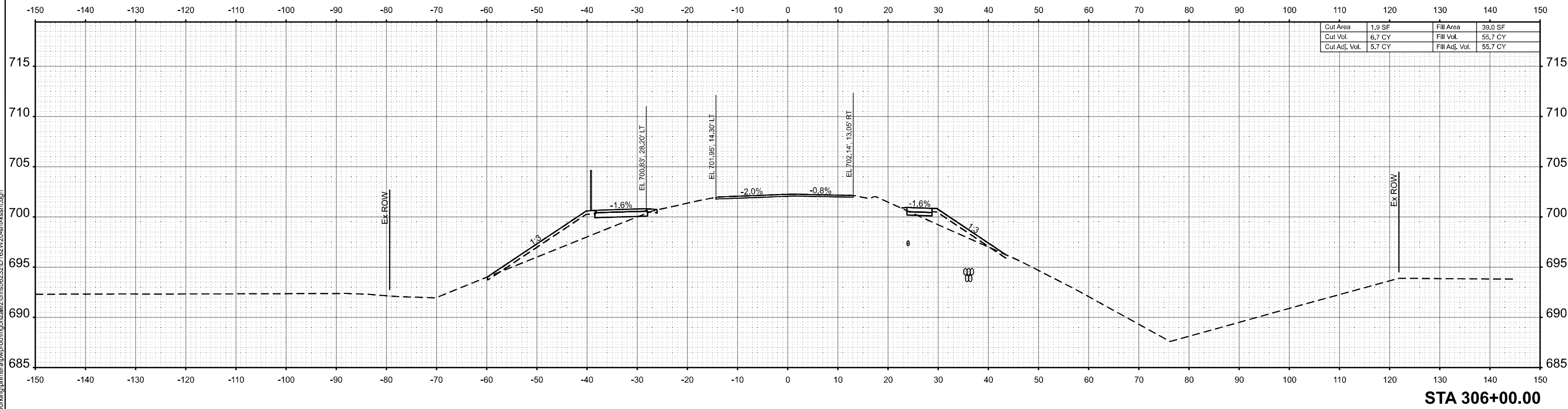
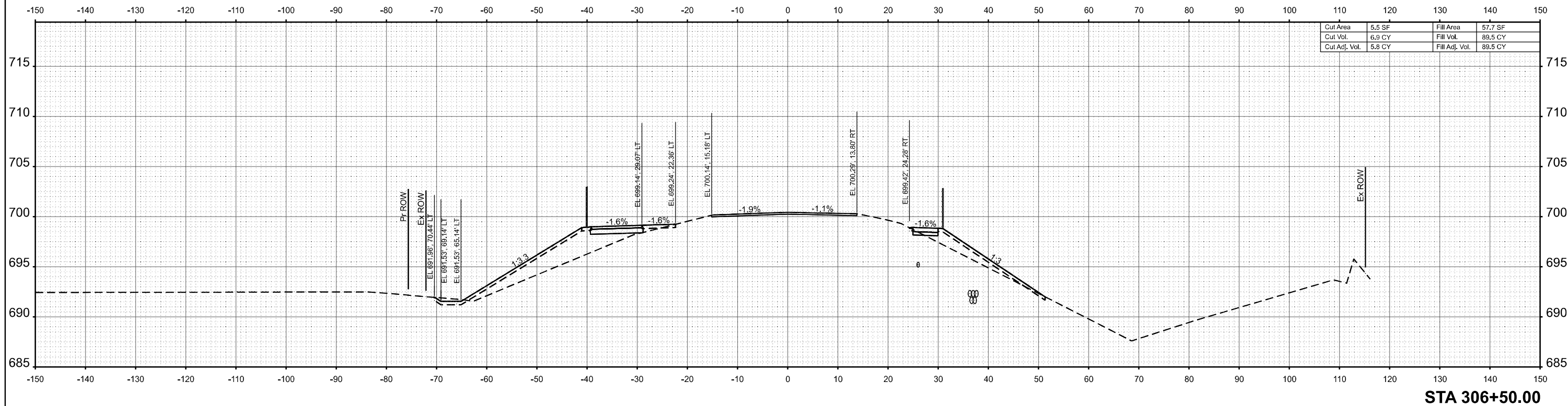
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PLOT DATE =	5/4/2026	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' SHEET 23 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	134
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



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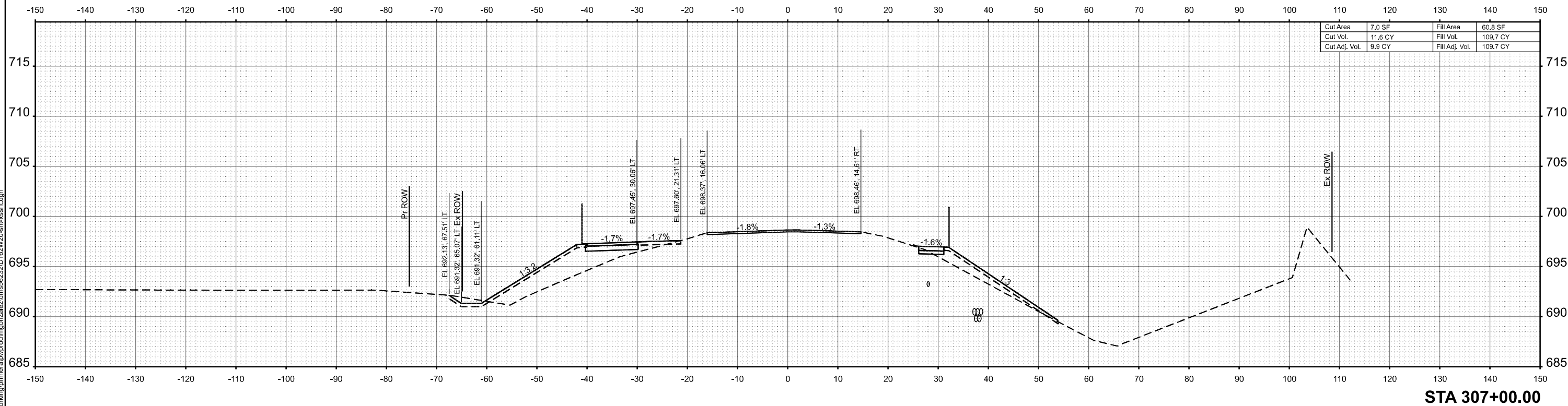
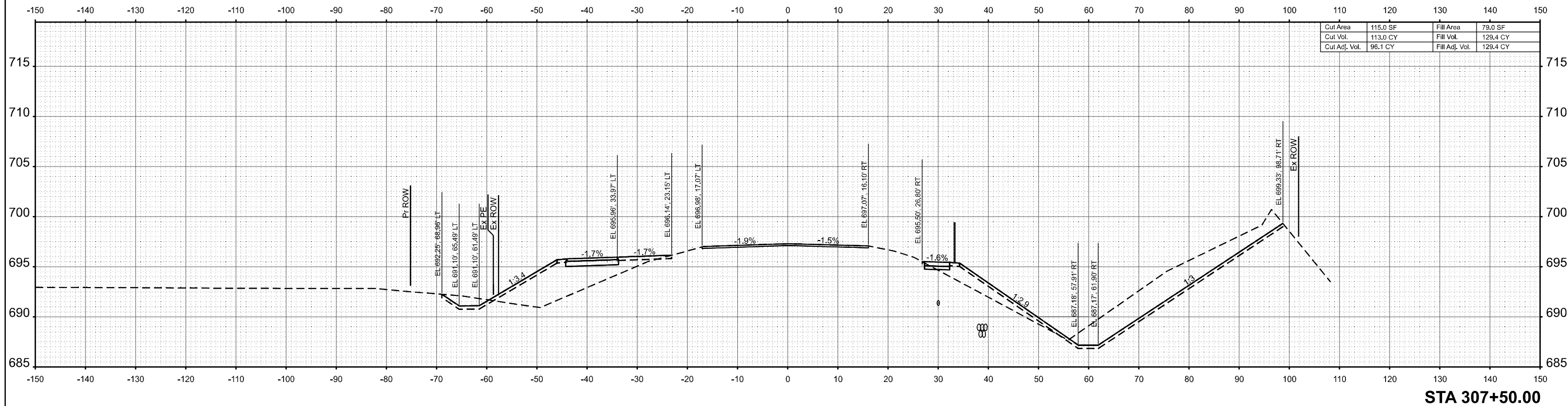
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DATE -	5/4/2026	REVISD -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

SCALE: 1"=10' SHEET 24 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	135
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



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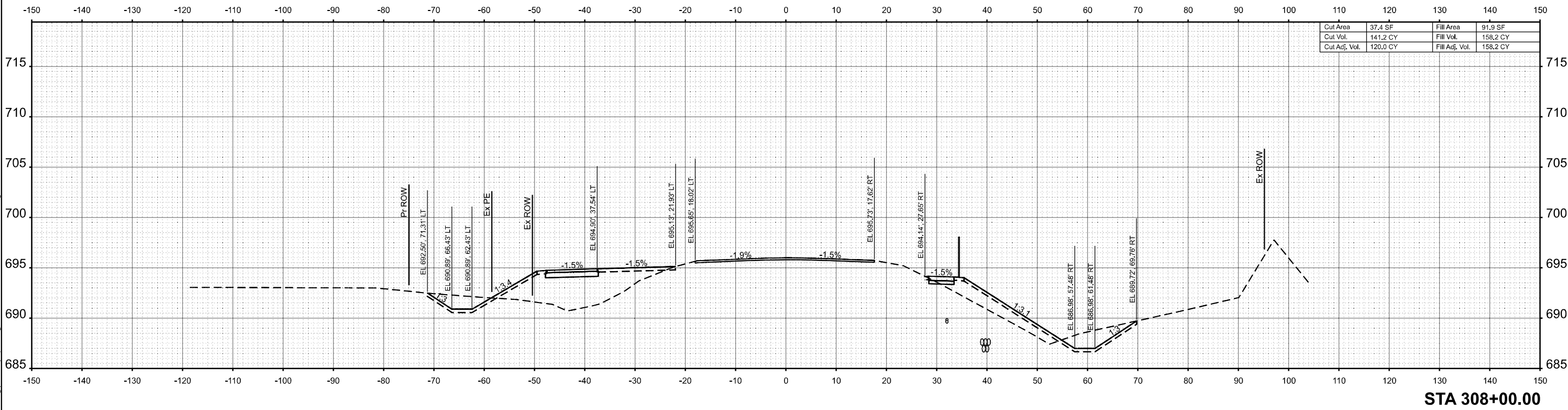
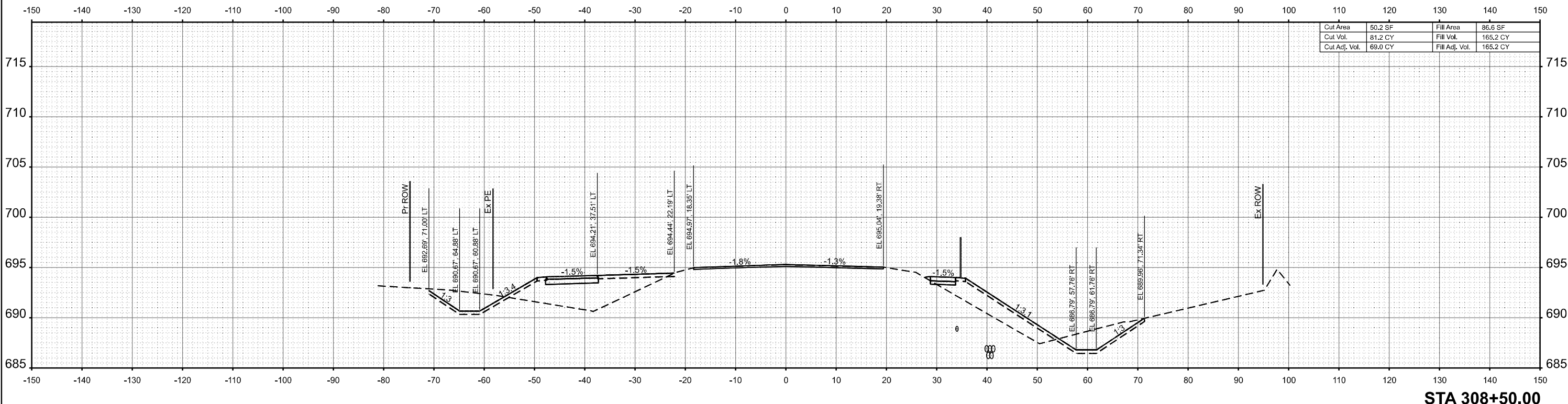
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PLOT DATE = 5/4/2026	DATE -	REVISED -

STATE OF ILLINOIS
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CROSS SECTIONS

SCALE: 1"=10' SHEET 25 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	136
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



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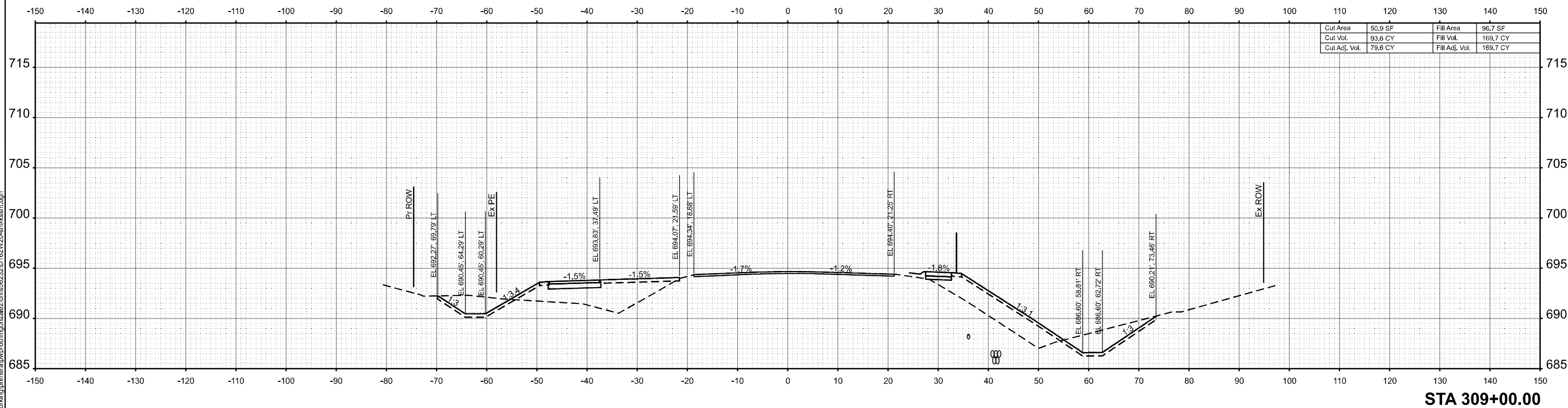
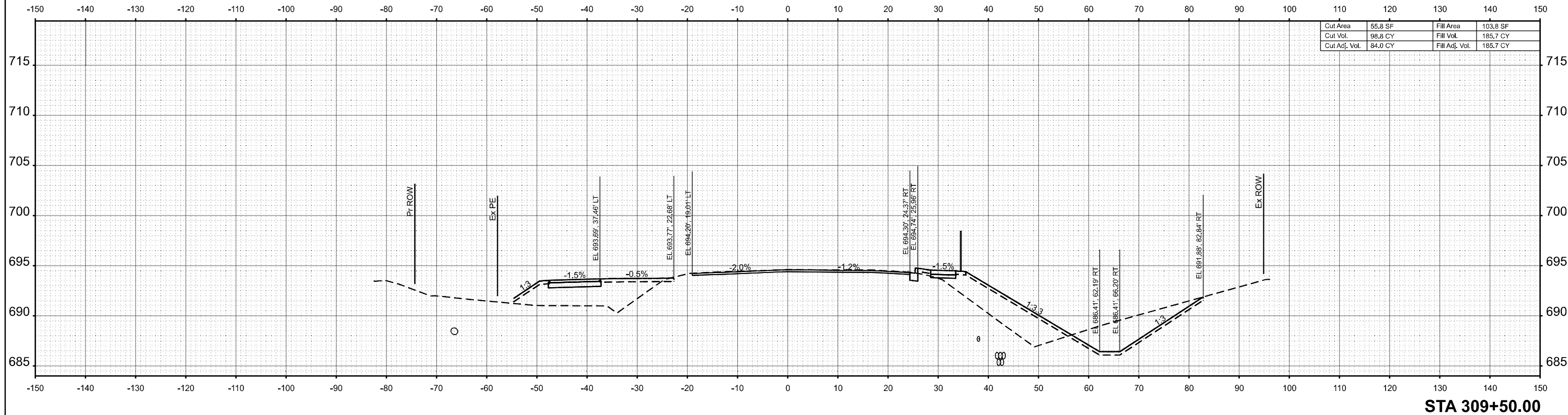
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DATE -	5/4/2026	REVISOR -	

STATE OF ILLINOIS
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CROSS SECTIONS

SCALE: 1"=10' SHEET 26 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	137
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



MODEL: PR Oak Park Ave Cl - 309+00.00 (Sheet)
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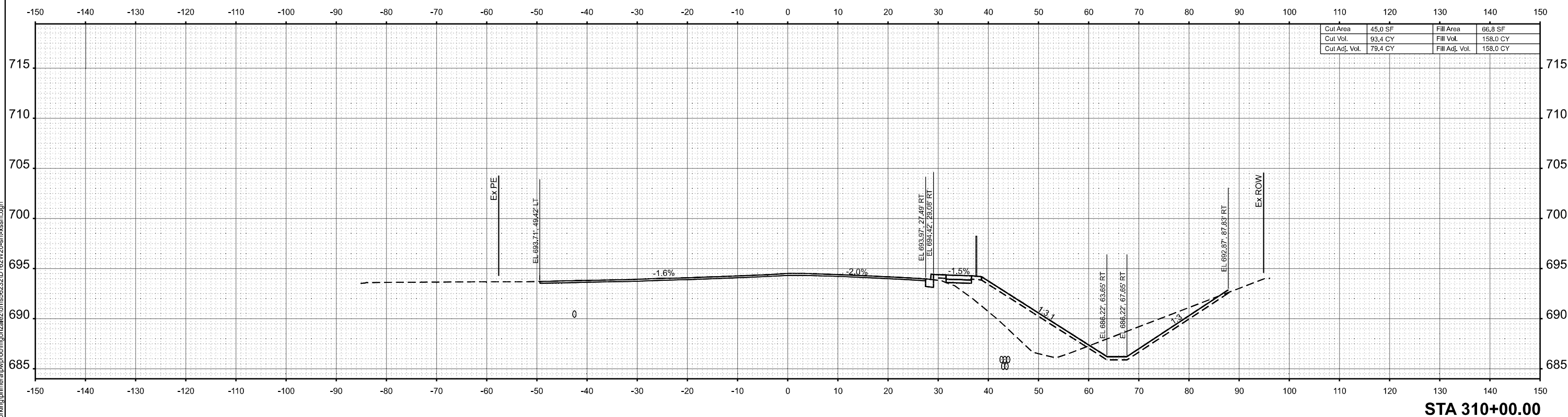
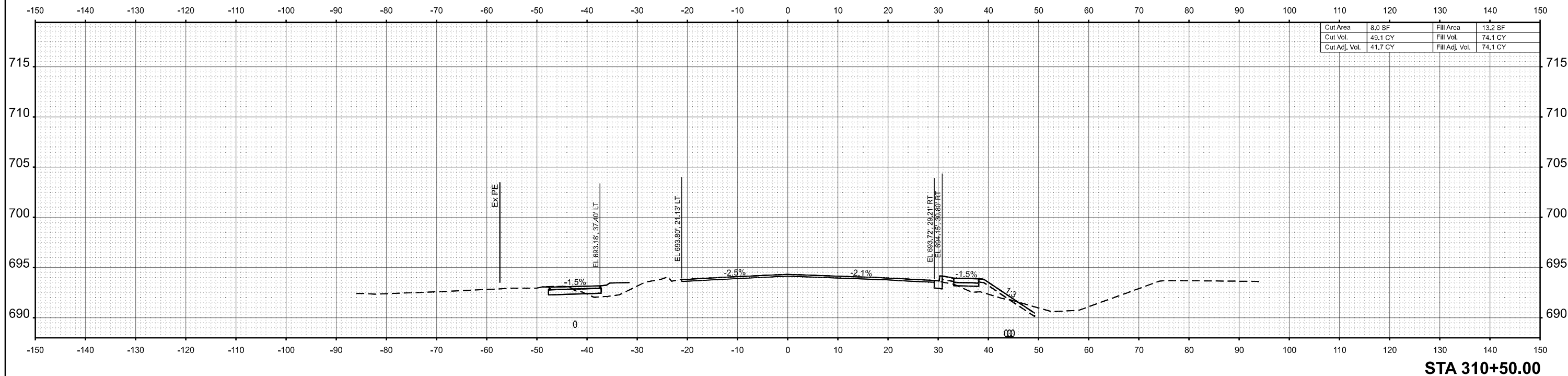
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PLOT DATE = 5/4/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10' SHEET 27 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	138
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



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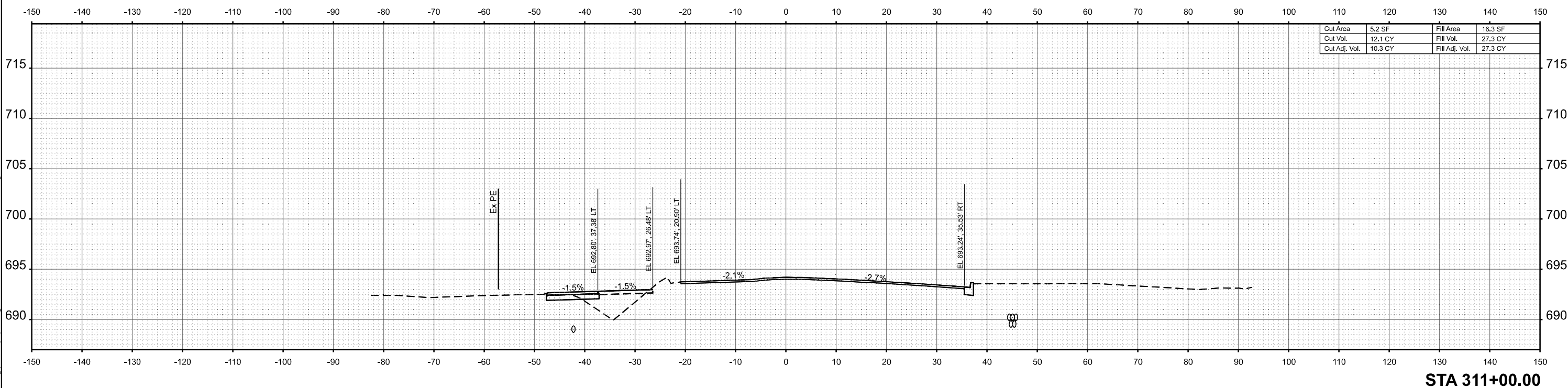
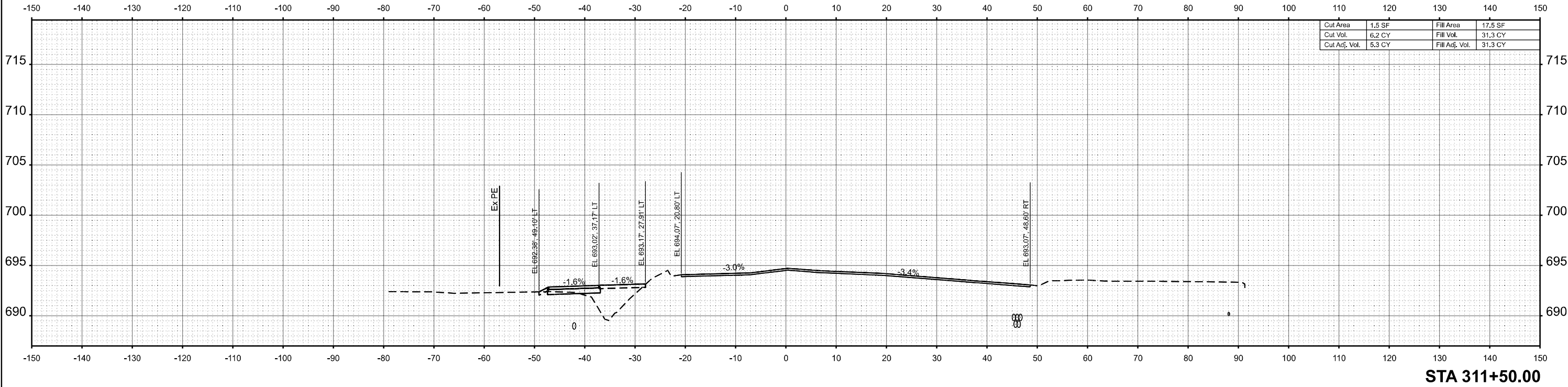
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		CHECKED -	REvised -
PLOT DATE =	5/4/2026	DATE -	REvised -

STATE OF ILLINOIS
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CROSS SECTIONS

SCALE: 1"=10' SHEET 28 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	139
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



MODEL: PR Oak Park Ave Cl - 311+00.00 (Sheet)
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DRAWN -		REVISD -	
CHECKED -		REVISD -	
DATE -	5/4/2026	REVISD -	

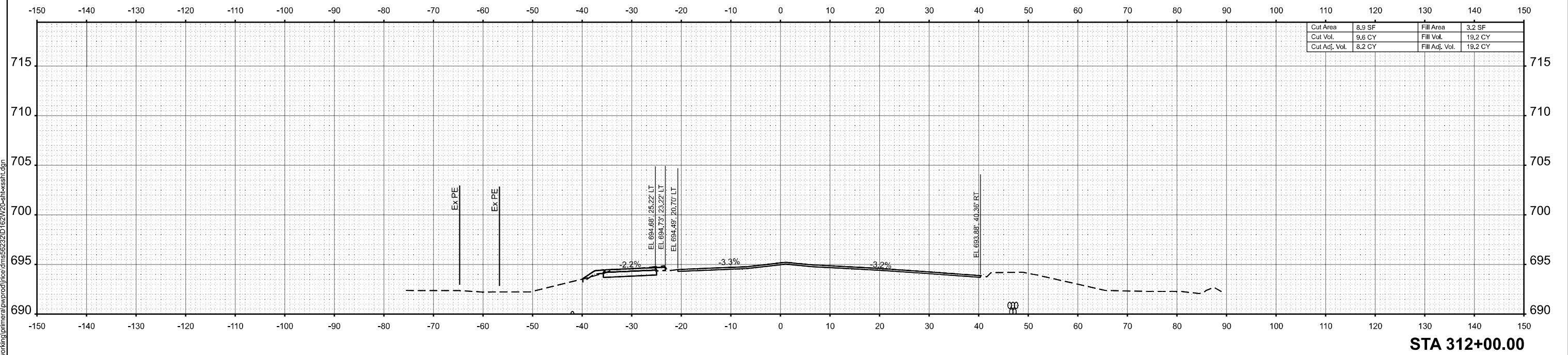
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: 1"=10' SHEET 29 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	140
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				

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STA 312+00.00



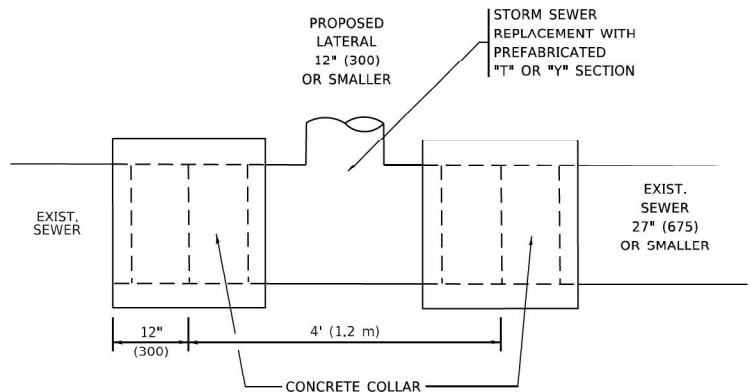
USER NAME = jrice	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/5/2026	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

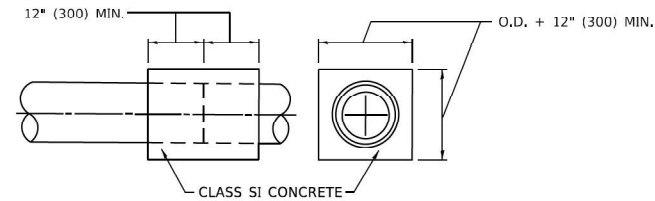
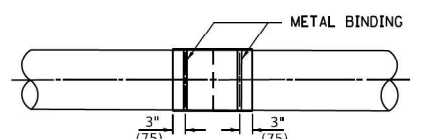
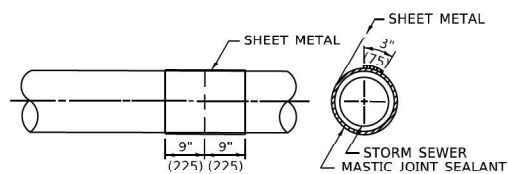
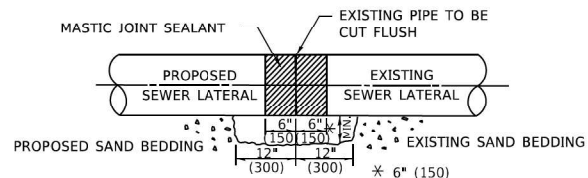
SCALE: 1"=10' SHEET 30 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	141
CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT				



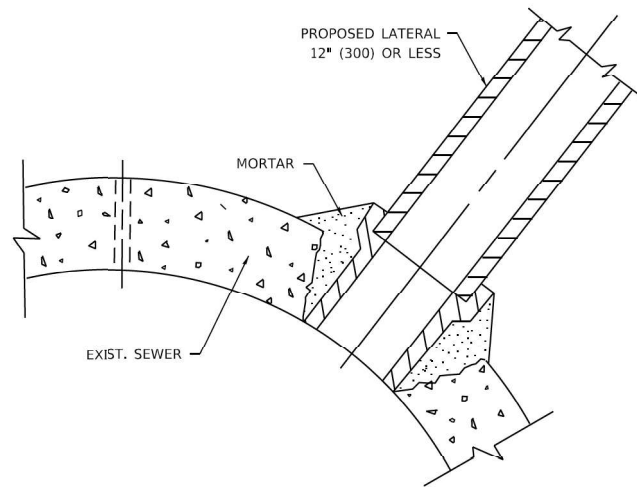
DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



DETAIL "B"

CLASS SI CONCRETE COLLAR



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

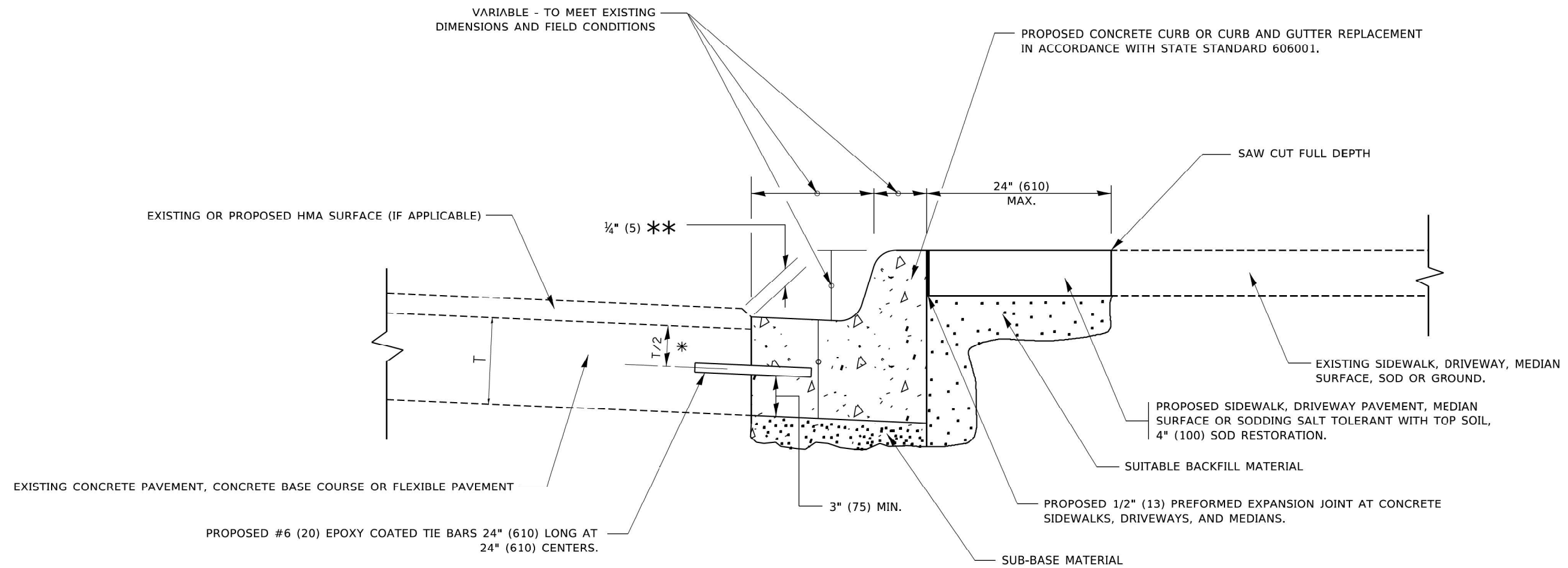
1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

* ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER			F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. SHAH 10-25-94		80	FAI 80 23 Bridge Replacement 2	COOK	158	142			
PLOT DATE = 11/18/2022	DATE - 07-25-90	REVISED - R. SHAH 06-12-96		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 62W20				
		REVISED - K. SMITH 11-18-22		BD500-01 (BD-07)		ILLINOIS FED. AID PROJECT					

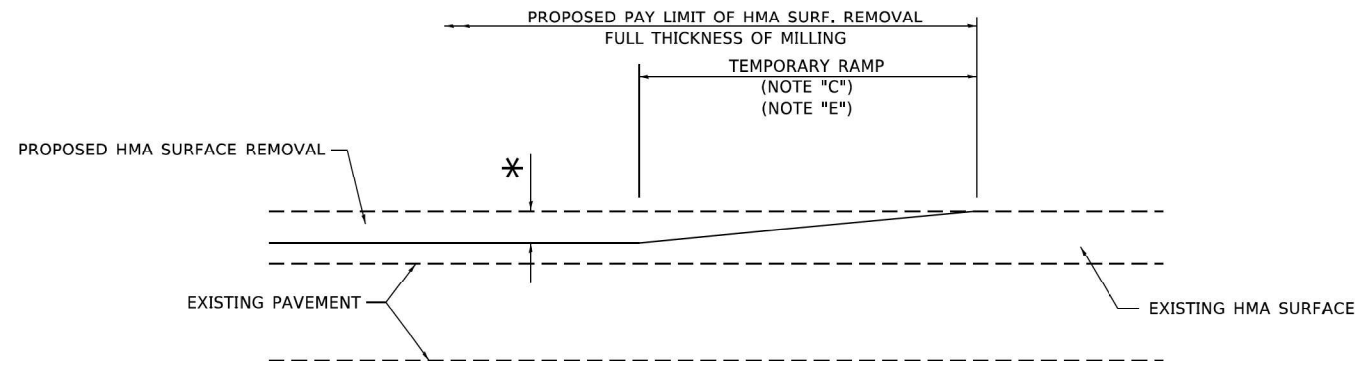


- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

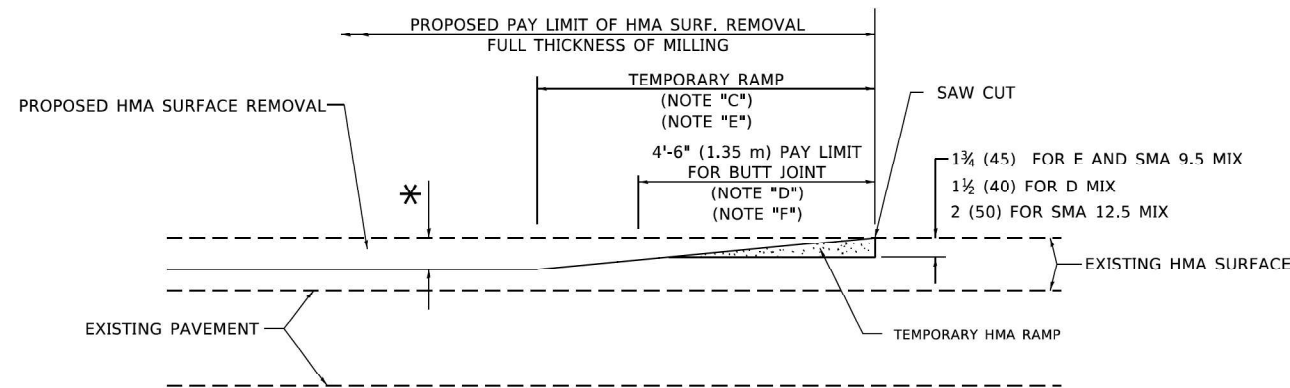
USER NAME = footemj PLOT SCALE = 50.0000' / in. PLOT DATE = 7/11/2019	DESIGNED - A. HOUSEH DRAWN - CHECKED - DATE - 03-11-94	REVISED - A. ABBAS 03-21-97 REVISED - M. GOMEZ 01-22-01 REVISED - R. BORO 12-15-09 REVISED - K. SMITH 07-11-19	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.I RTE. 80	SECTION FAI 80 23 Bridge Replacement 2	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 143
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.					BD600-06 (BD-24) CONTRACT NO. 62W20				
ILLINOIS FED. AID PROJECT									



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

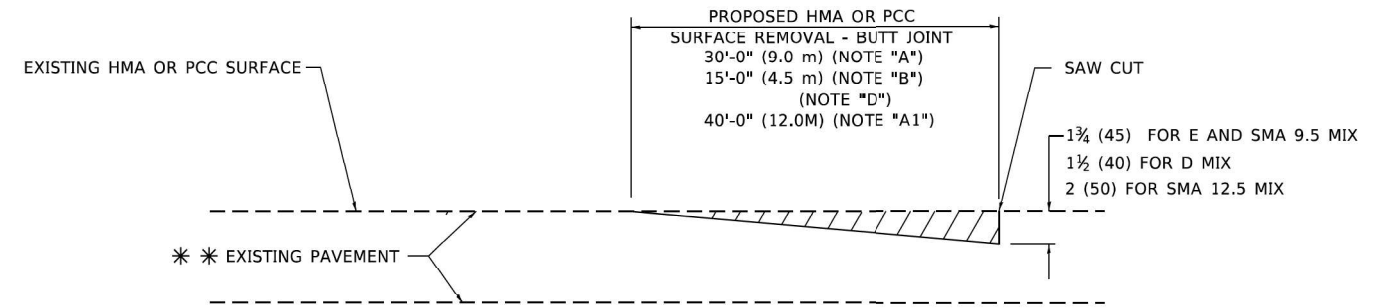


HMA CONSTRUCTED TEMPORARY RAMP

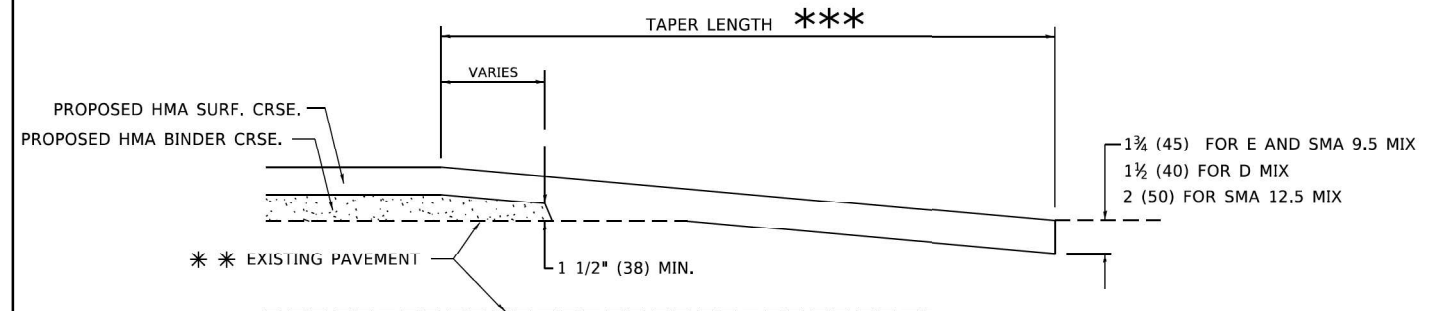
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

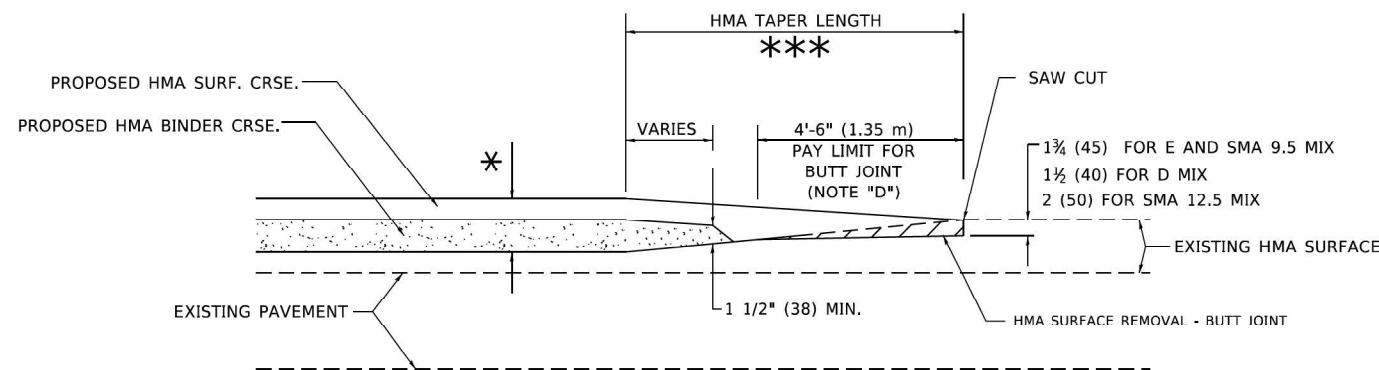
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

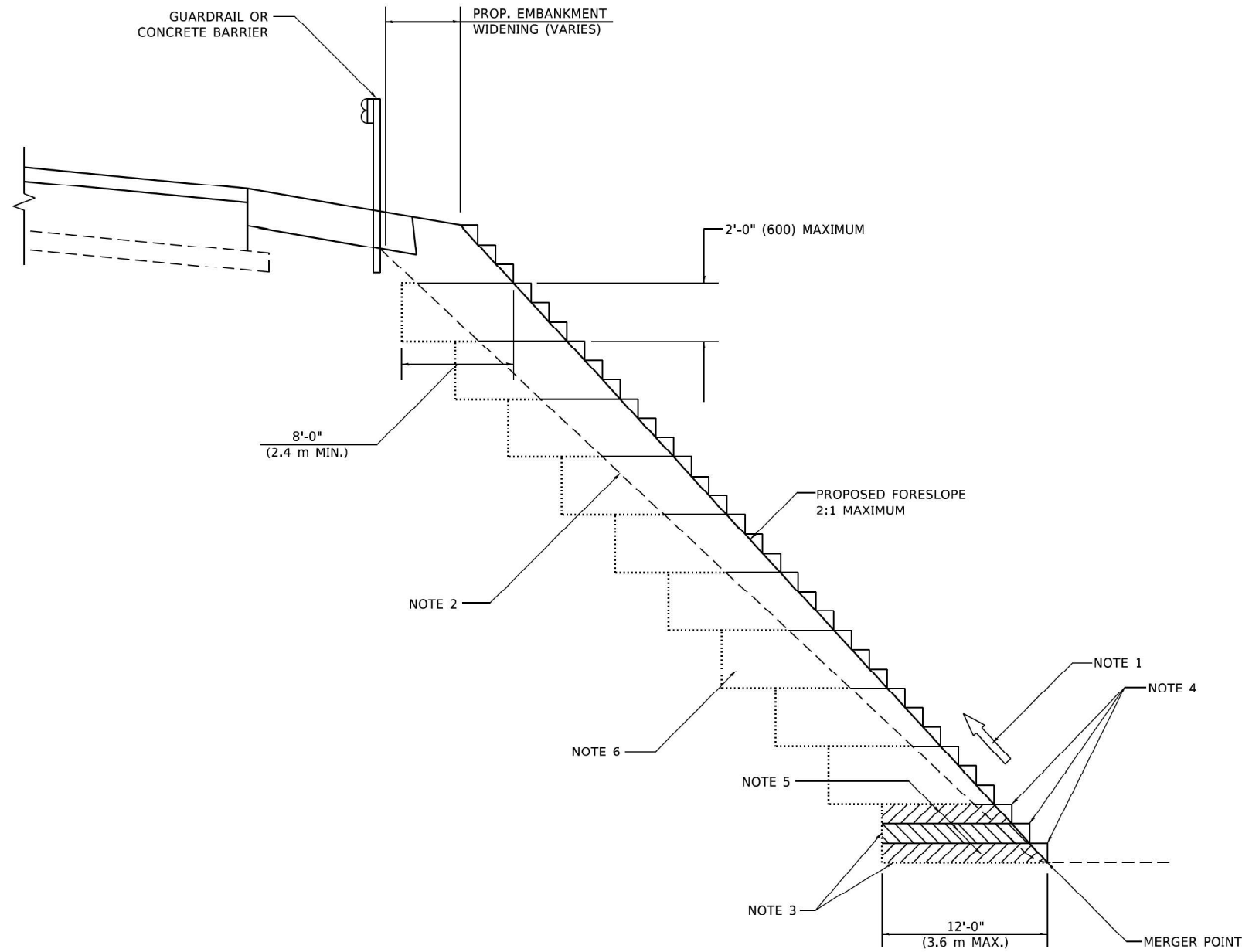
USER NAME = Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000" / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	144
BD400-05 BD-32		CONTRACT NO. 62W20		
ILLINOIS FED. AID PROJECT				



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

GENERAL NOTES

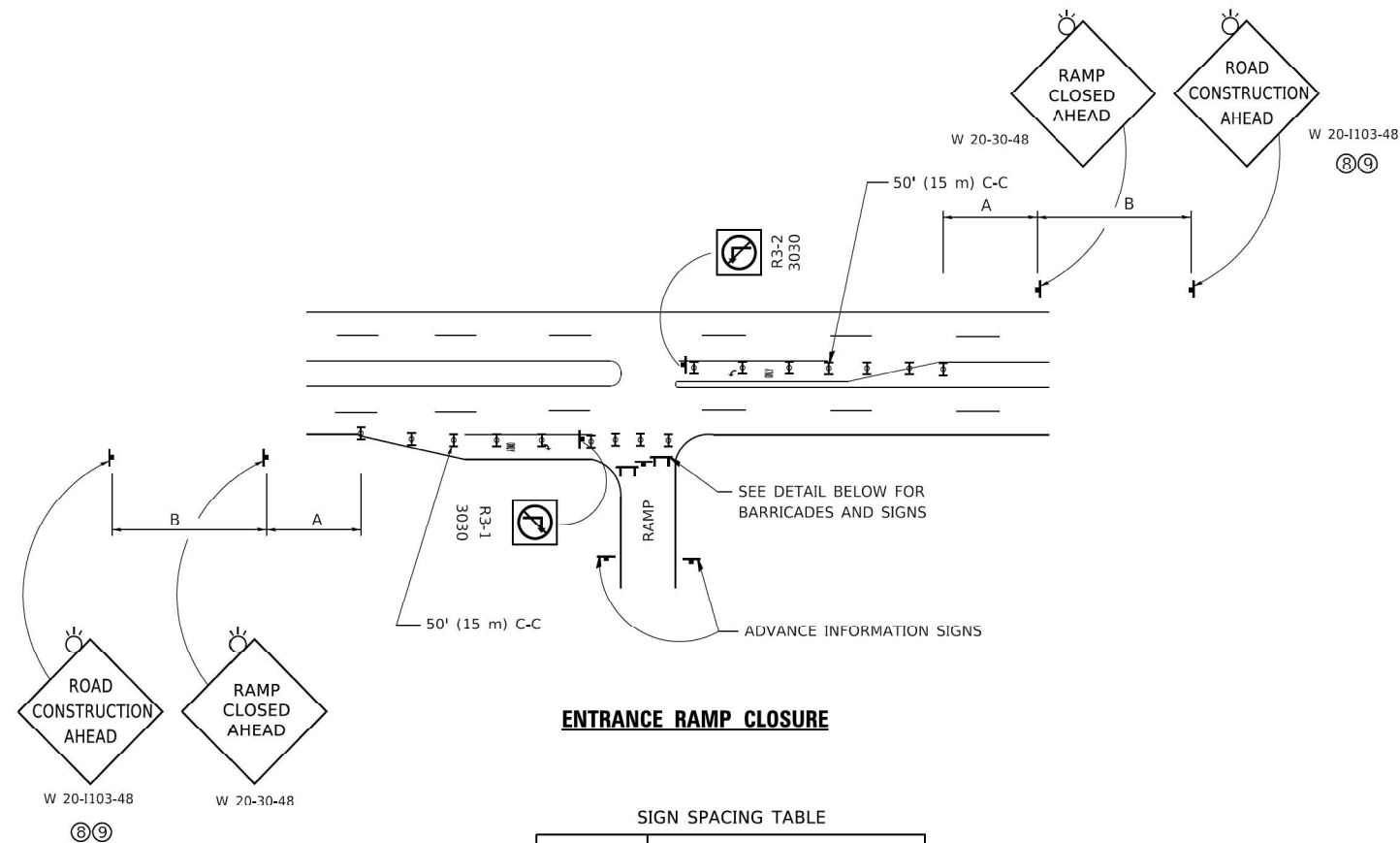
1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.

BASIS OF PAYMENT

1. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

USER NAME = Lawrence.DeManche	DESIGNED -	REVISED - K. SMITH 11-18-22	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BENCHING DETAIL FOR EMBANKMENT WIDENING			F.A. 1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
	DRAWN - CADD	REVISED -		SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.	I80	FAI 80 23 Bridge Replacement 2	COOK	158	145
PLOT SCALE = 100,0000' / in.	CHECKED - S.E.B.	REVISED -					BD-51			CONTRACT NO. 62W20				
PLOT DATE = 11/18/2022	DATE - 06-16-04	REVISED -					ILLINOIS FED. AID PROJECT							

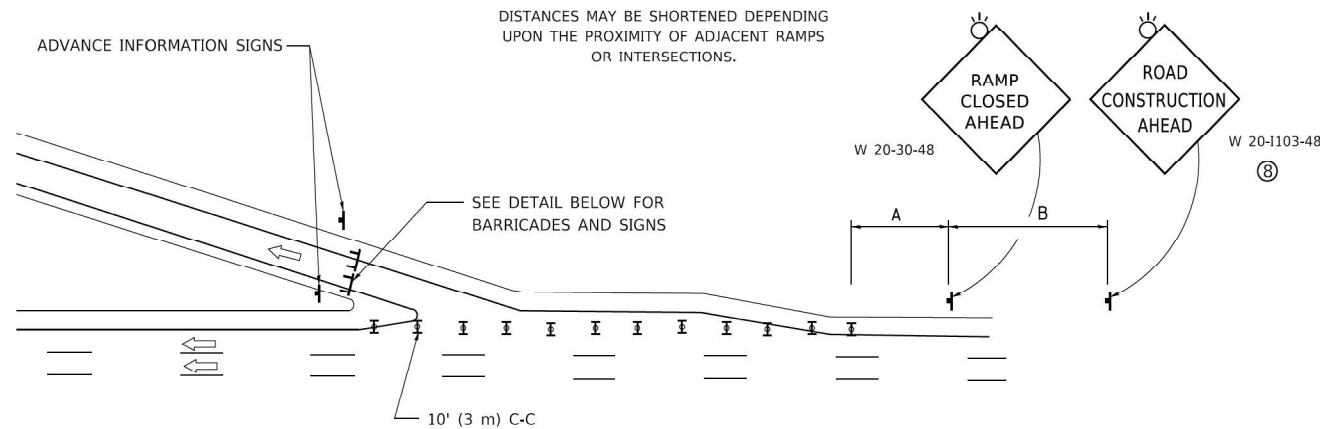


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY ≤24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

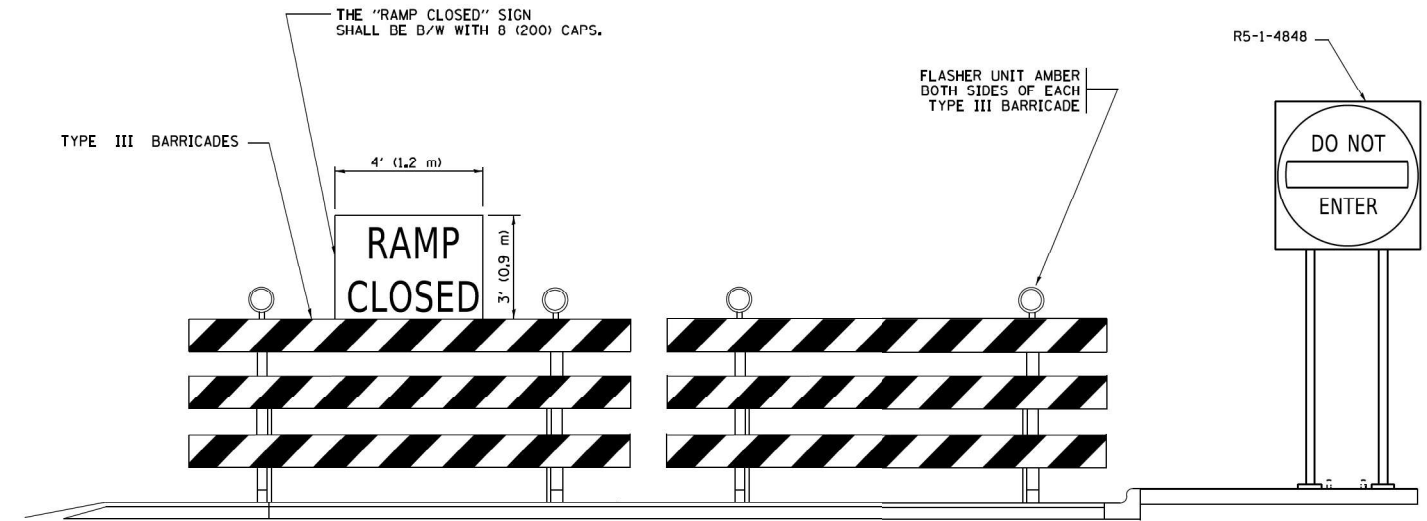
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

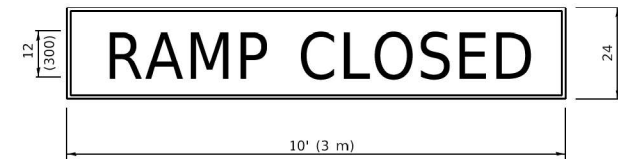
SYMBOLS

- ▬ TYPE II BARRICADE OR DRUM
- ⌈ TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

RAMP CLOSURE ADVANCE WARNING SIGN



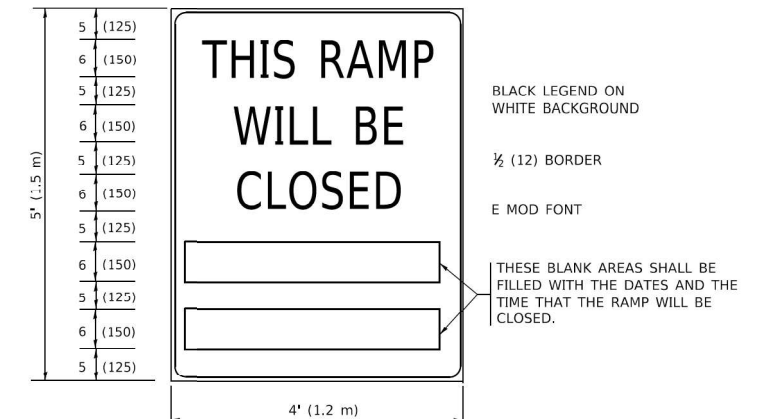
BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY
E MOD FONT
1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON WHITE BACKGROUND

1/2 (12) BORDER

E MOD FONT

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

GENERAL NOTES:

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = footemj	DESIGNED - D.W.S.	REVISED - S.P.B._01-07
	DRAWN -	REVISED - S.P.B._12-09
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - M.D._06-13
PLOT DATE = 3/4/2019	DATE - 02-83	REVISED - M.D._01-18

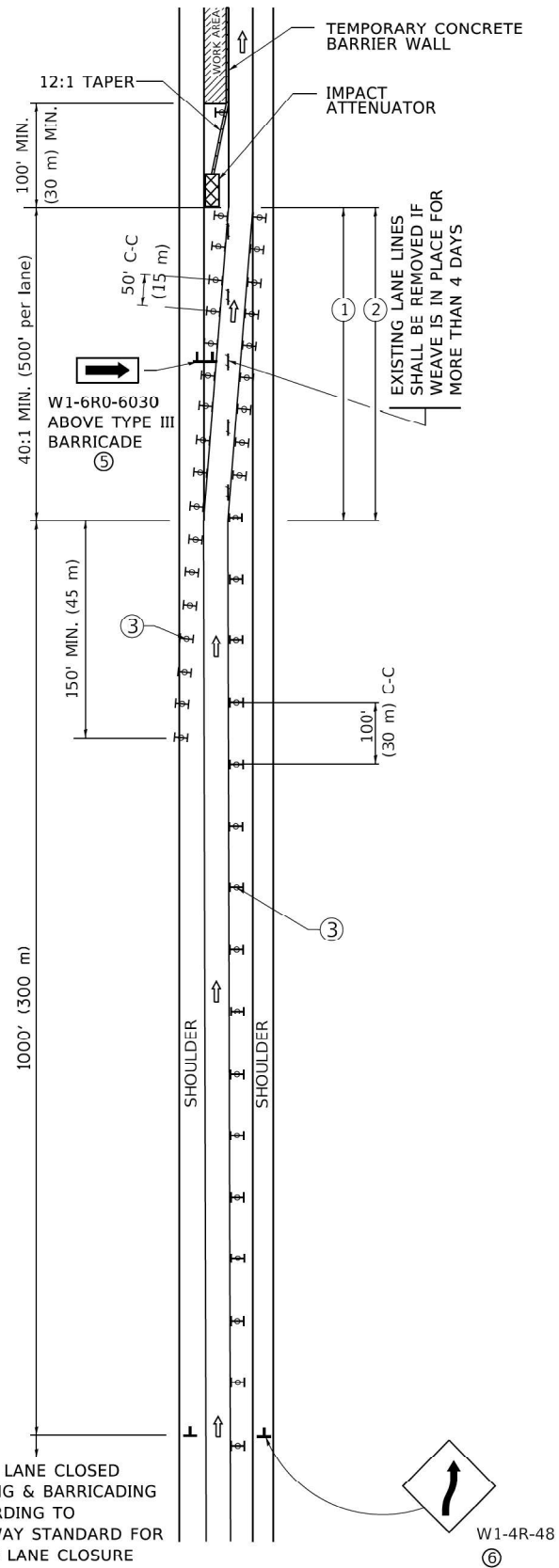
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE AND EXIT RAMP
CLOSURE DETAILS**

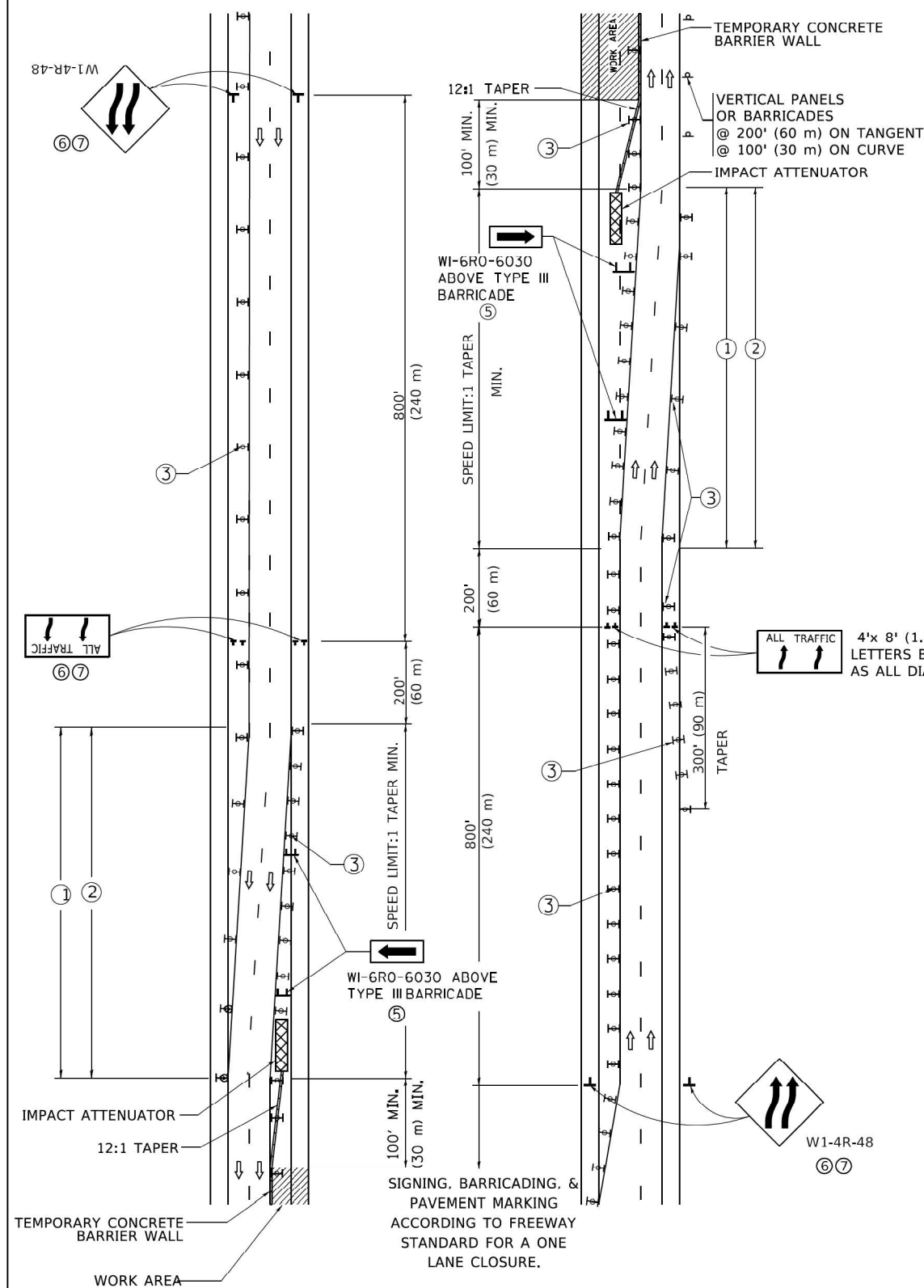
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	146
TC-08			CONTRACT NO. 62W20	
ILLINOIS FED. AID PROJECT				

SINGLE LANE WEAVE

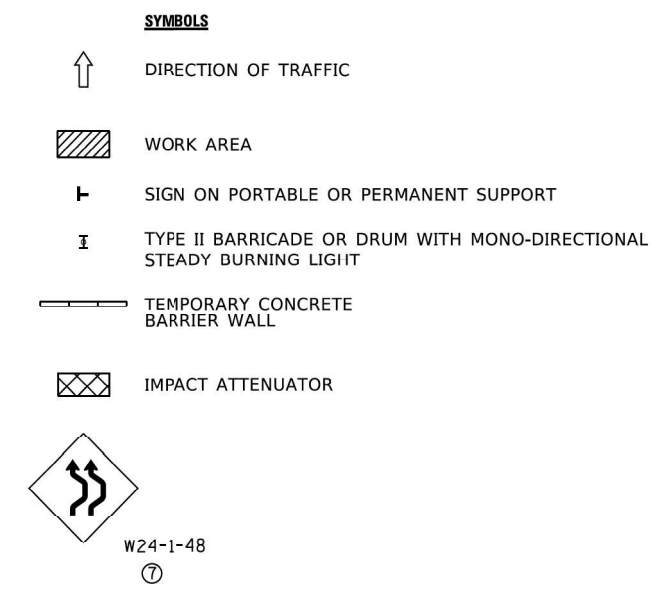


MULTI-LANE WEAVE



GENERAL NOTES:

- ① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.
- ② CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- ③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ④ ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ⑤ TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
- ⑥ WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- ⑦ THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.



ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

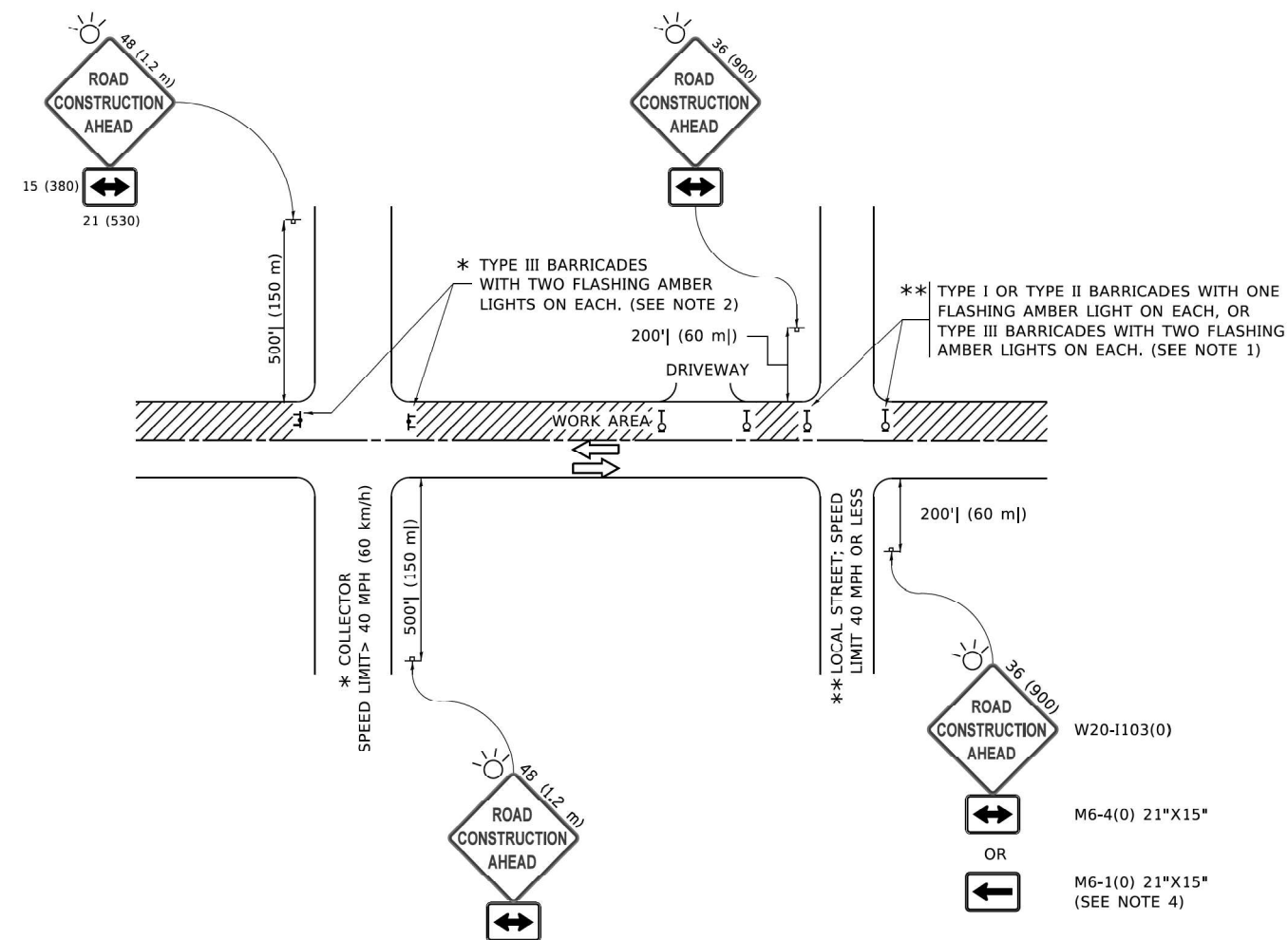
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PLOT SCALE = 50,0000' / in.	CHECKED -	REVISED - S.P.B. 12-09
PLOT DATE = 3/4/2019	DATE - 02-87	REVISED - M.D. 06-13

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL DETAILS FOR
FREEWAY SINGLE & MULTI-LANE WEAVE**

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

F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	147
TC-09		CONTRACT NO. 62W20		
ILLINOIS FED. AID PROJECT				

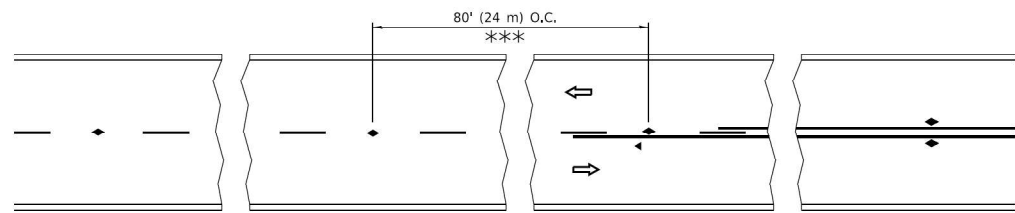


NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

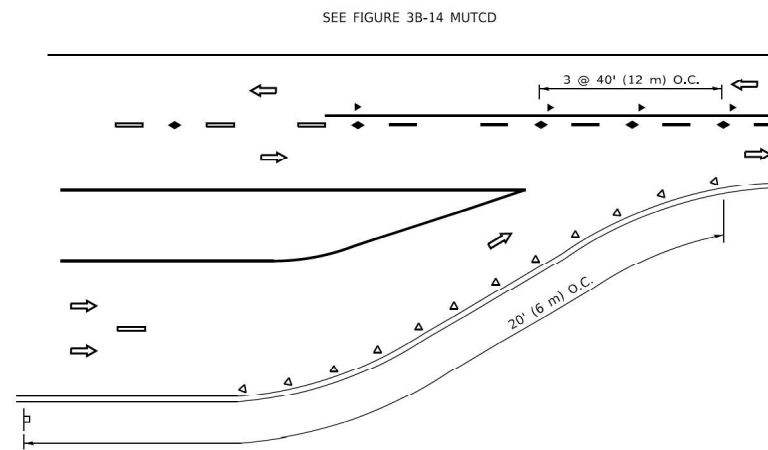
All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS		F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED - T. RAMMACHER 01-06-00		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	80	FAI 80 23 Bridge Replacement 2	COOK	158	148
PLOT SCALE = 50,0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13		TC-10		CONTRACT NO. 62W20					
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16		ILLINOIS		FED. AID PROJECT					

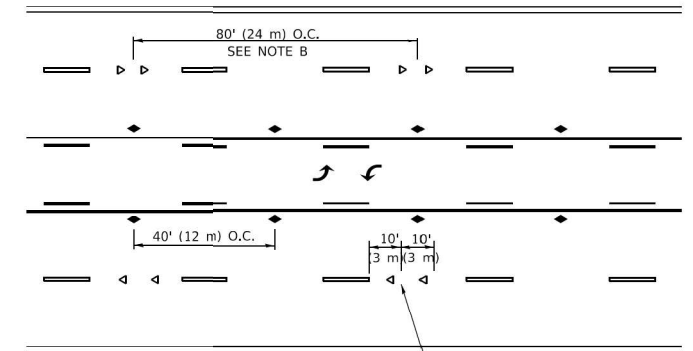


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

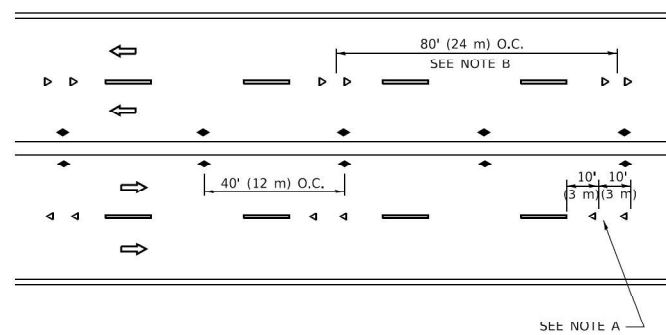
TWO-LANE/TWO-WAY



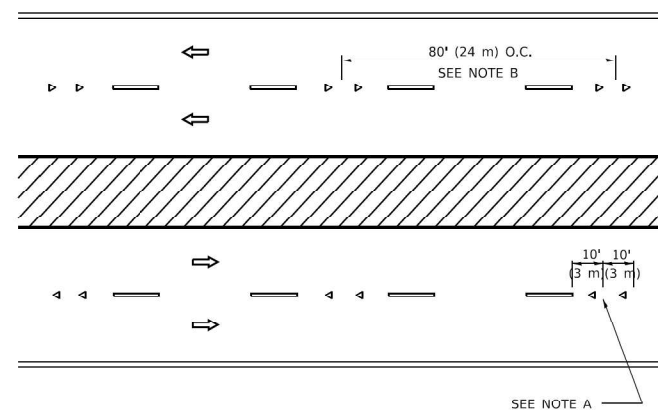
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

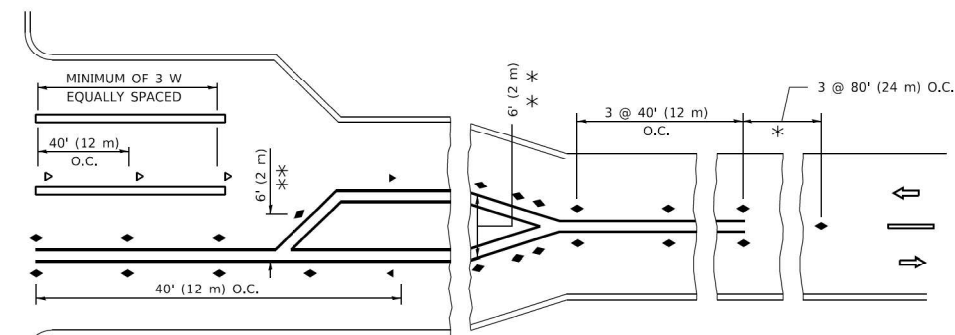
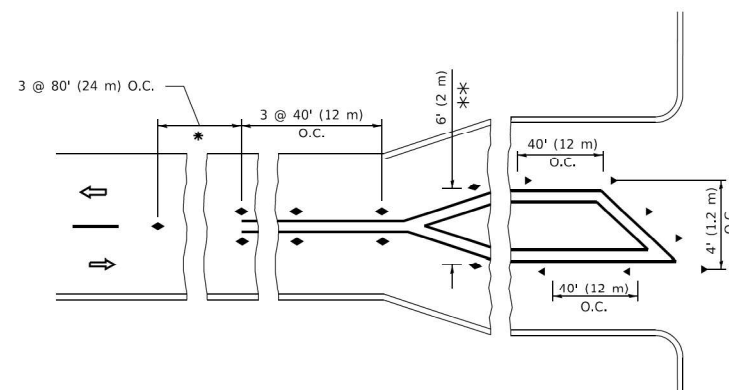
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
*** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

All dimensions are in inches (millimeters) unless otherwise shown.

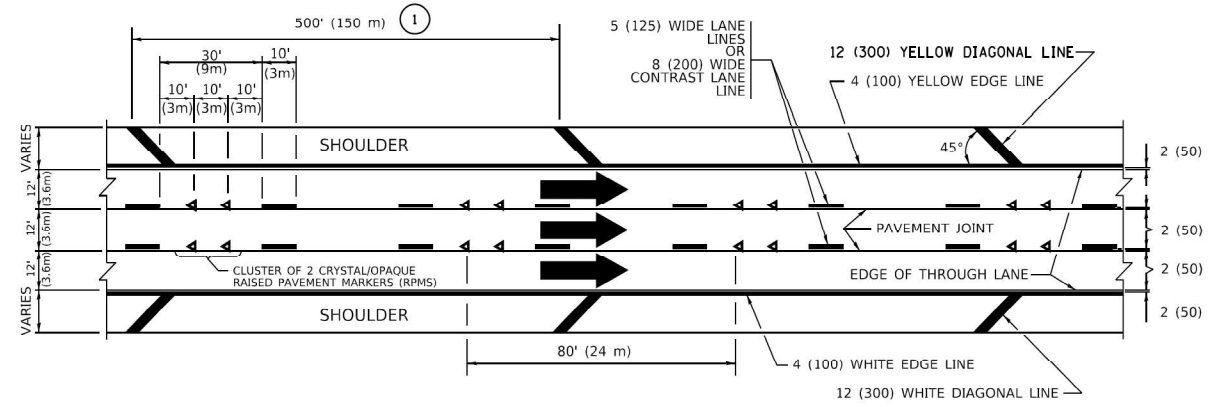
USER NAME = footem	DESIGNED -	REVISED - T. RAMMACHER 03-12-99
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

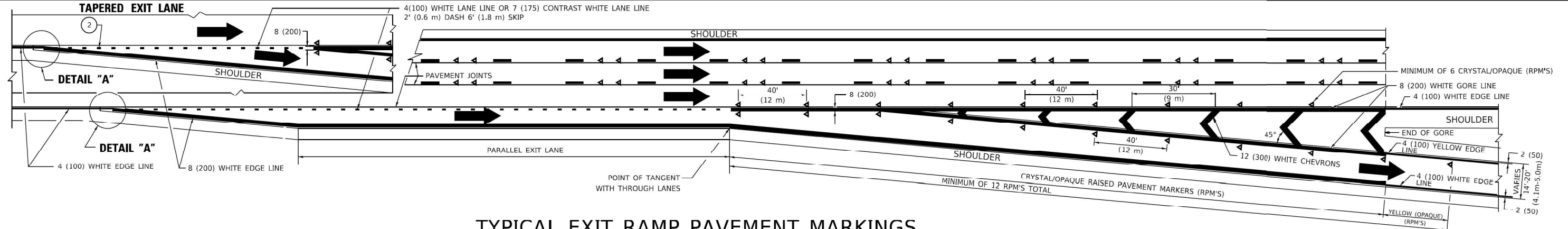
F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	149
TC-11		CONTRACT NO. 62W20		
ILLINOIS FED. AID PROJECT				



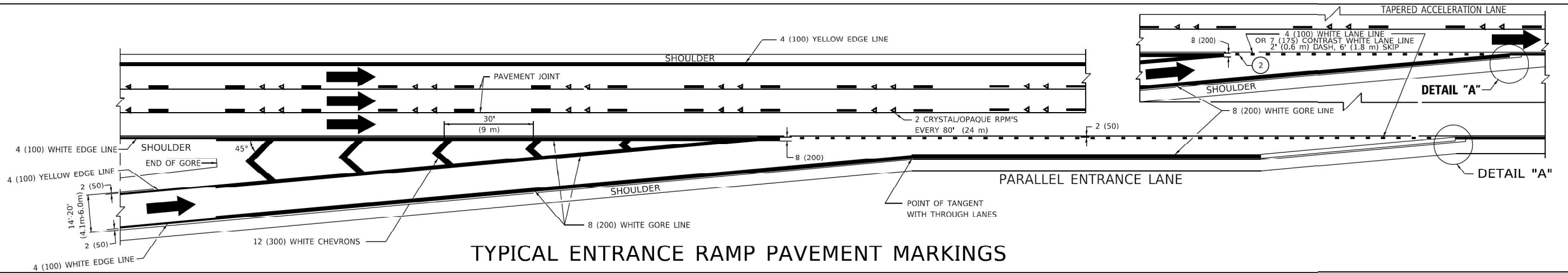
TYPICAL EDGE LINES & LANE LINES

PAVEMENT MARKING MATERIALS

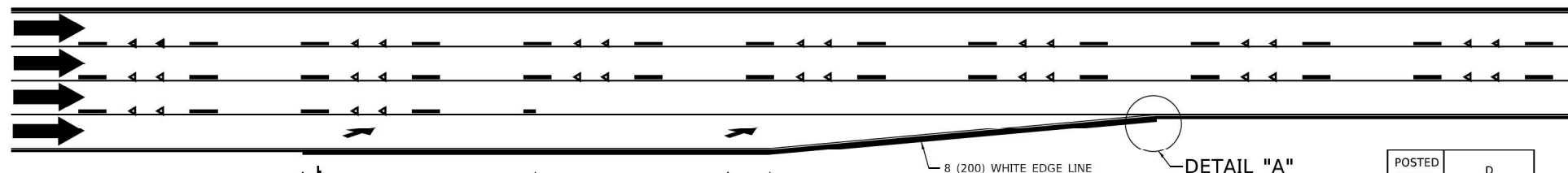
1. THERMOPLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON HMA PAVEMENTS.
2. POLYUREA OR MODIFIED URETHANE PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON PCC PAVEMENTS.
3. PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE D, INLAID OR GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON HMA PAVEMENTS.
4. CONTRAST PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE B, GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON PCC PAVEMENT.



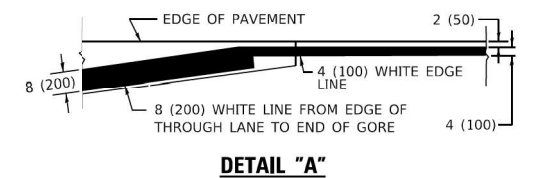
TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



LANE REDUCTION PAVEMENT MARKINGS



NOTES:

1. THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH. THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH.
2. 4" (2' DASH, 6' SKIP) MARKING ON TAPERED ENTRANCE AND EXIT RAMP SHALL BE OMITTED ON TANGENT SECTIONS.

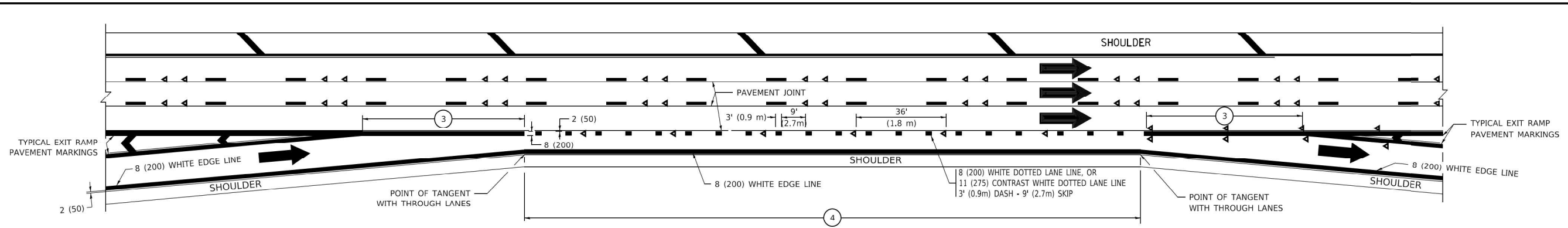
USER NAME = Lawrence,DeManche	DESIGNED - D.W.S.	REVISED - S.P.B. 01-10
	DRAWN -	REVISED - M.D. 05-13
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M.D. 09-17
PLOT DATE = 11/18/2022	DATE - 01-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

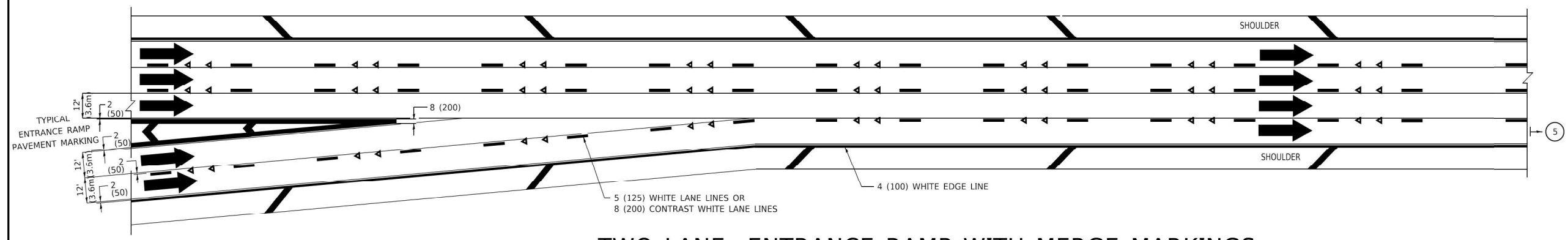
MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

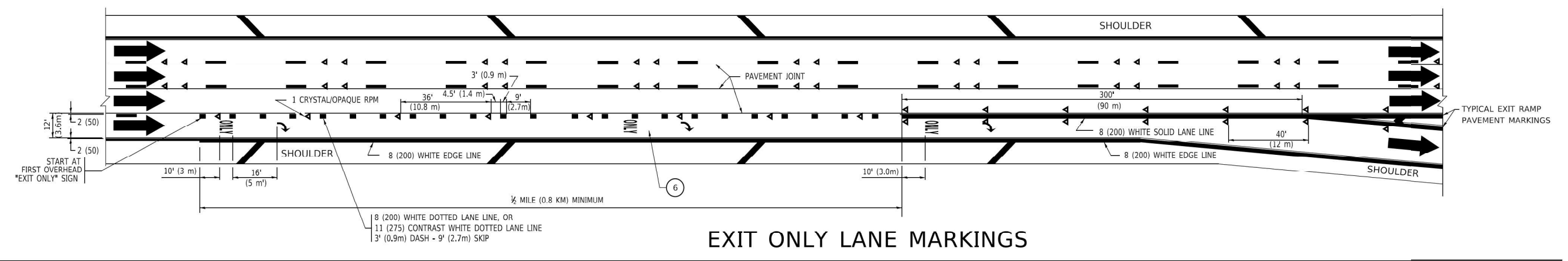
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	150
TC-12		CONTRACT NO. 62W20		
ILLINOIS FED. AID PROJECT				



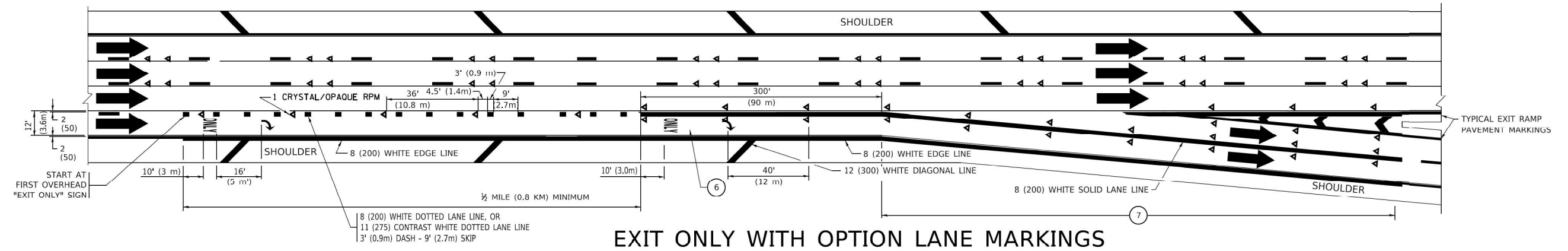
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



EXIT ONLY LANE MARKINGS



EXIT ONLY WITH OPTION LANE MARKINGS

- NOTES:**
- ③ OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
 - ④ 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
 - ⑤ FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
 - ⑥ ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED.
 - ⑦ CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

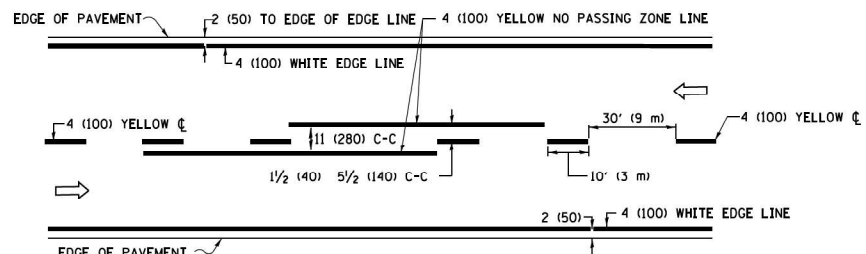
USER NAME = footem	DESIGNED - D.W.S.	REVISED - J.A.F. 02-06
	DRAWN -	REVISED - S.P.B. 01-07
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - S.P.B. 01-10
PLOT DATE = 3/4/2019	DATE - 01-90	REVISED - M.D. 09-17

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

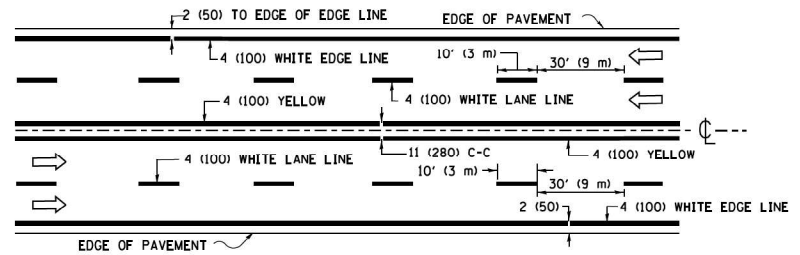
MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

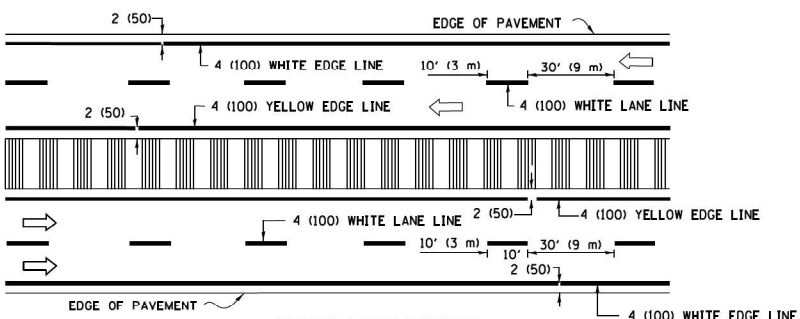
F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	151
TC-12		CONTRACT NO. 62W20		
ILLINOIS		FED. AID PROJECT		



2-LANE ROADWAY

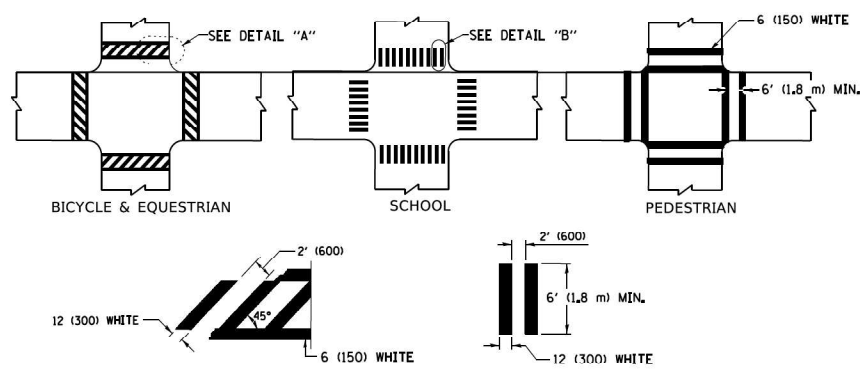


MULTI-LANE UNDIVIDED



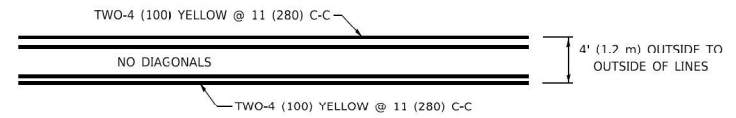
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

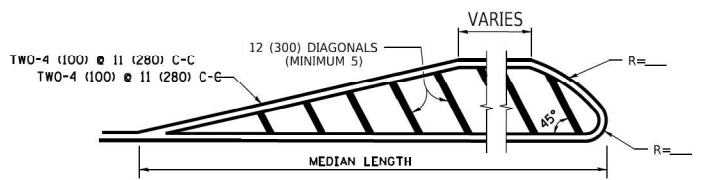


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

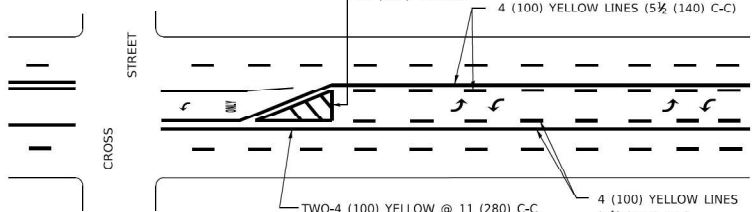


4' (1.2 m) WIDE MEDIANS ONLY



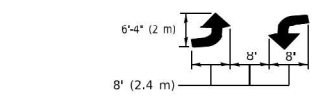
MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

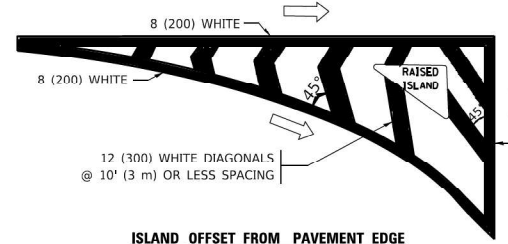
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



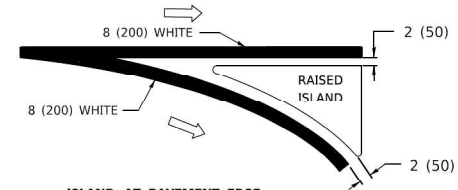
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

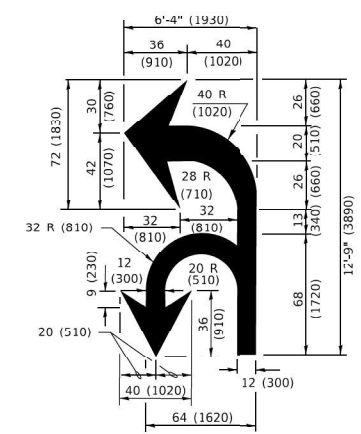


ISLAND OFFSET FROM PAVEMENT EDGE

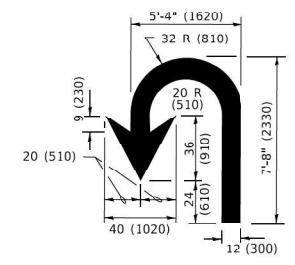


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION
* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES; FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 1 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 50.0000" / in.	DRAWN - C. JUCIUS 07-01-13	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	CHECKED -	REVISED - C. JUCIUS 12-21-15
	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

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

F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	152
TC-13		CONTRACT NO. 62W20		
ILLINOIS		FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

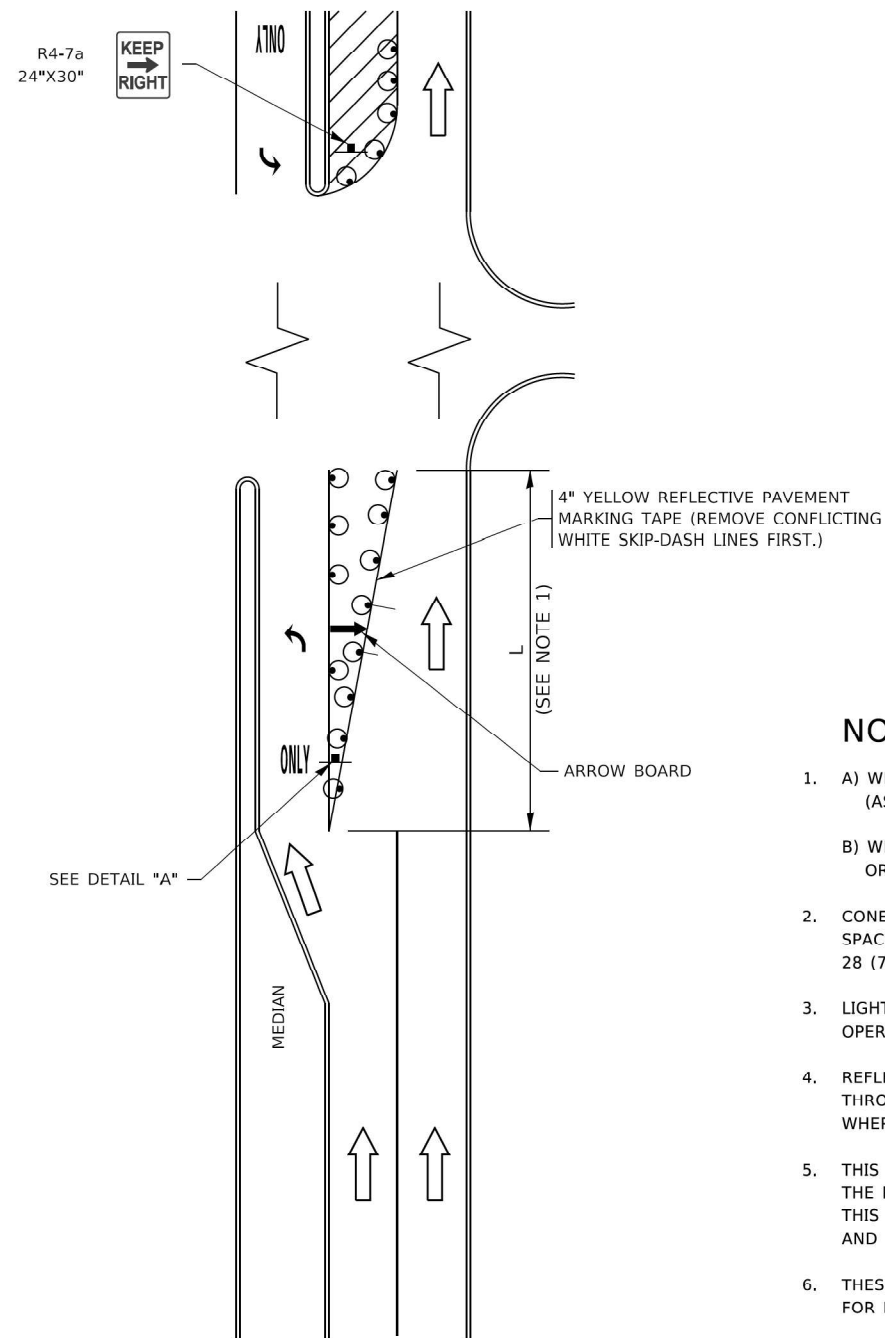


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

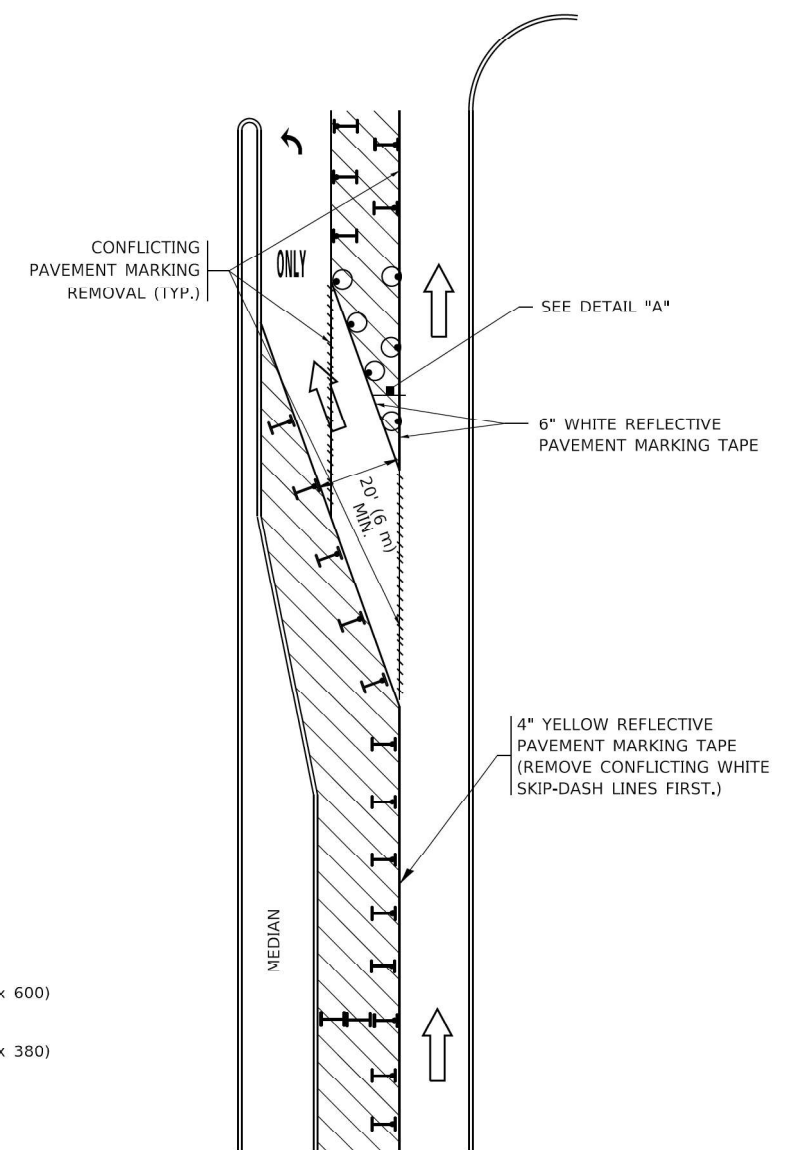


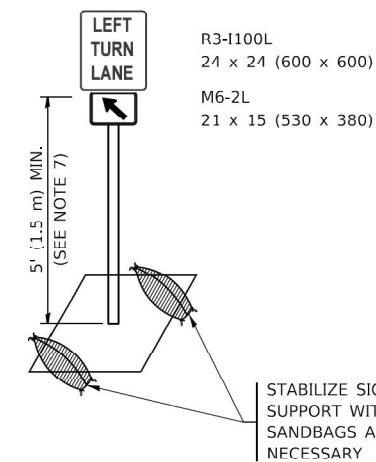
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
- B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

All dimensions are in inches (millimeters) unless otherwise shown.

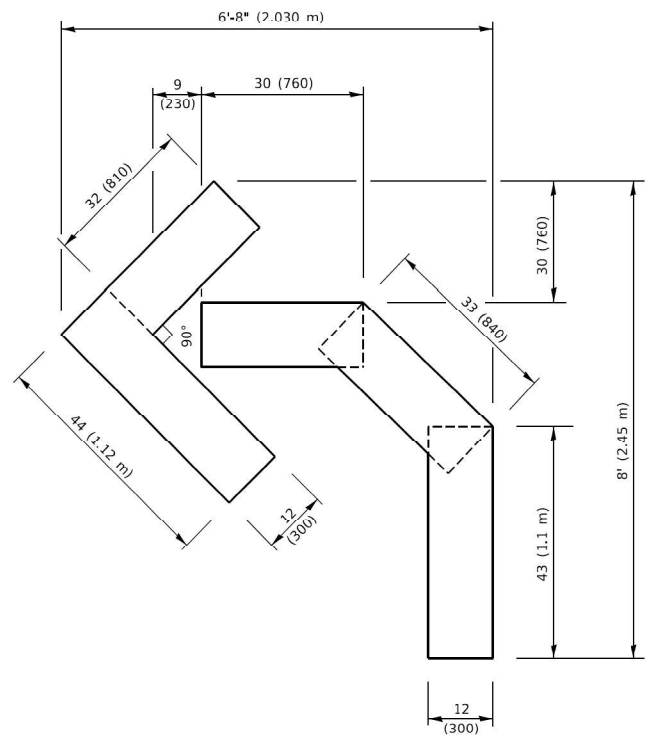
USER NAME = footemj	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 50,0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

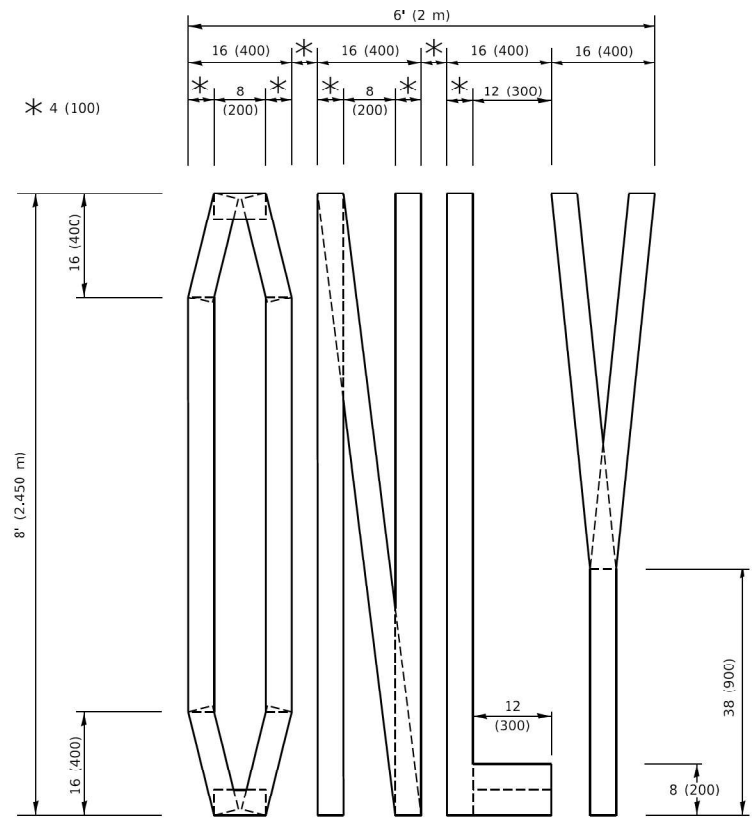
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	153
TC-14		CONTRACT NO. 62W20		
ILLINOIS FED. AID PROJECT				



QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

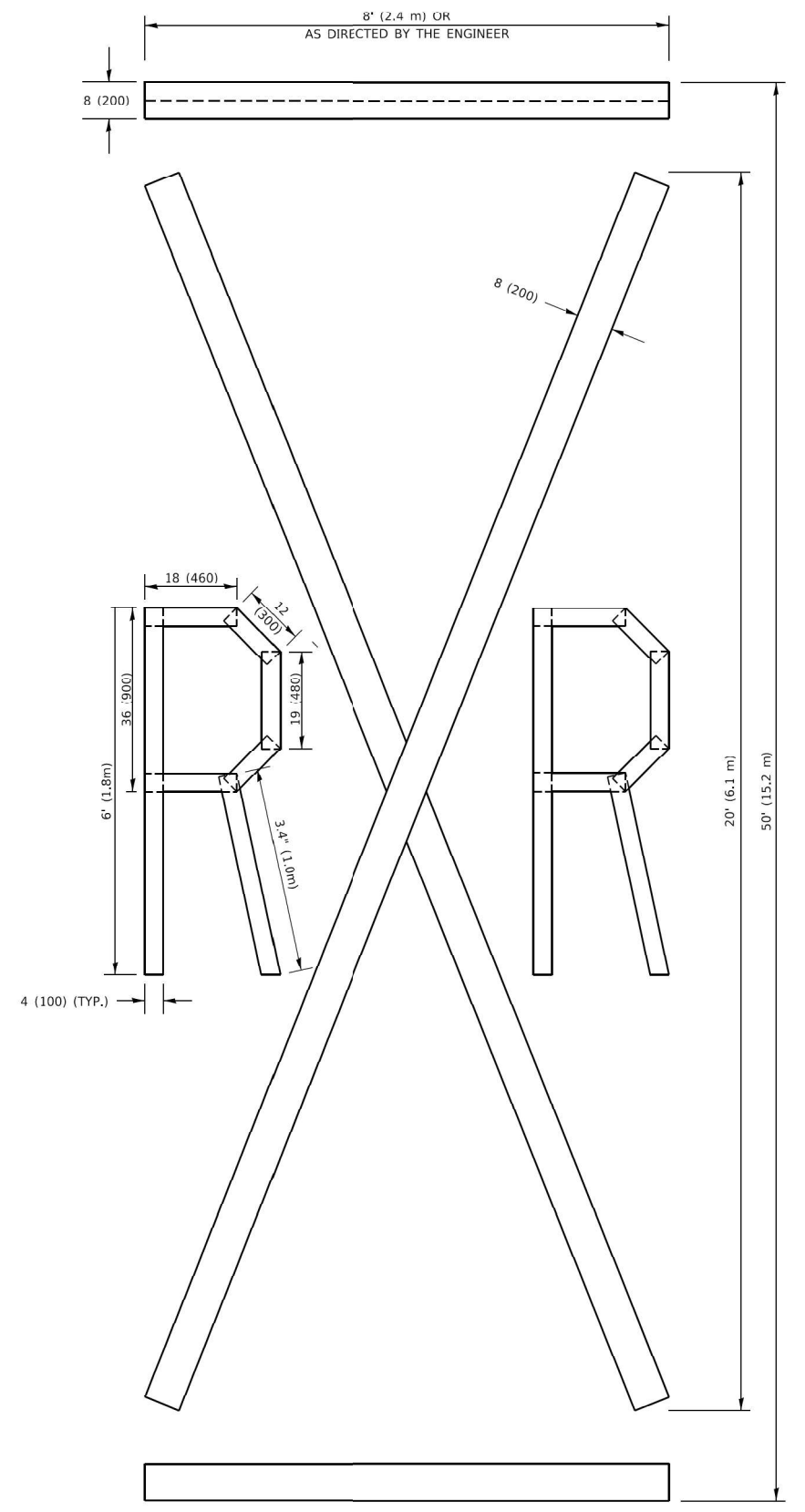


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0068 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

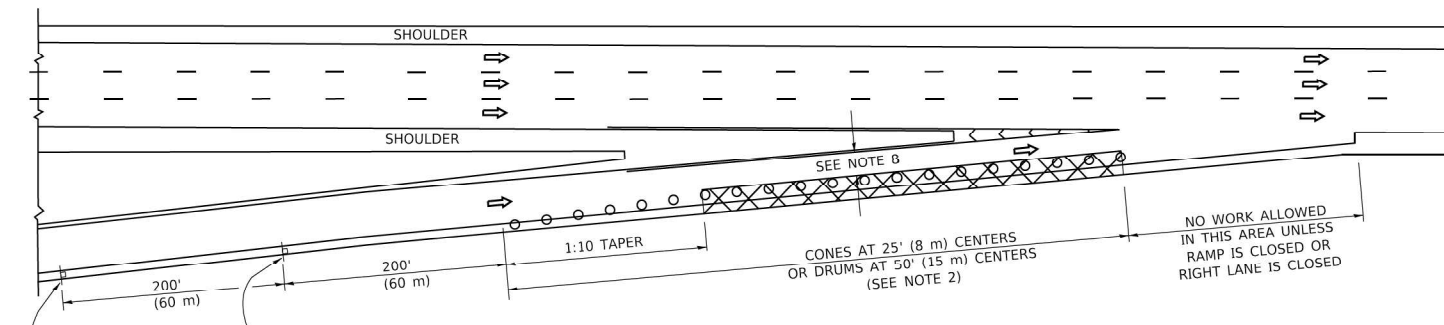
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

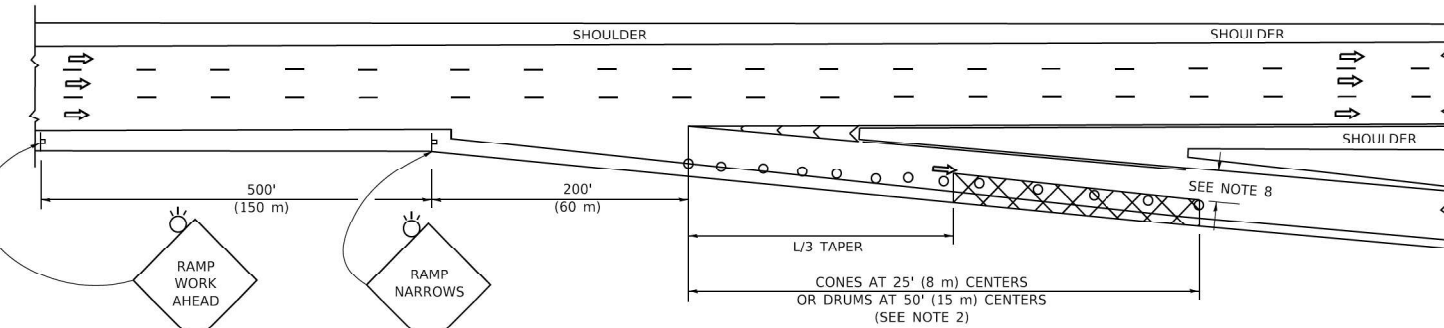
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 23 Bridge Replacement 2	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 154
TC-16		CONTRACT NO. 62W20		
ILLINOIS FED. AID PROJECT				

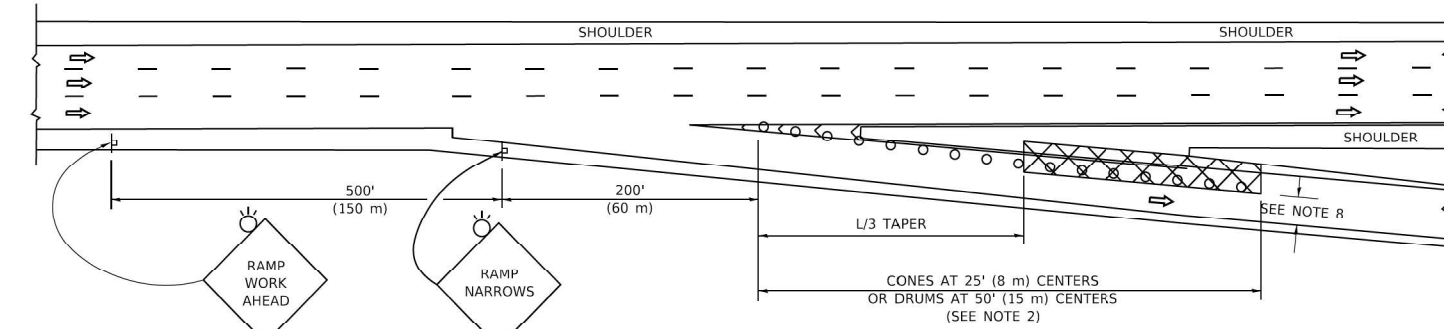
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

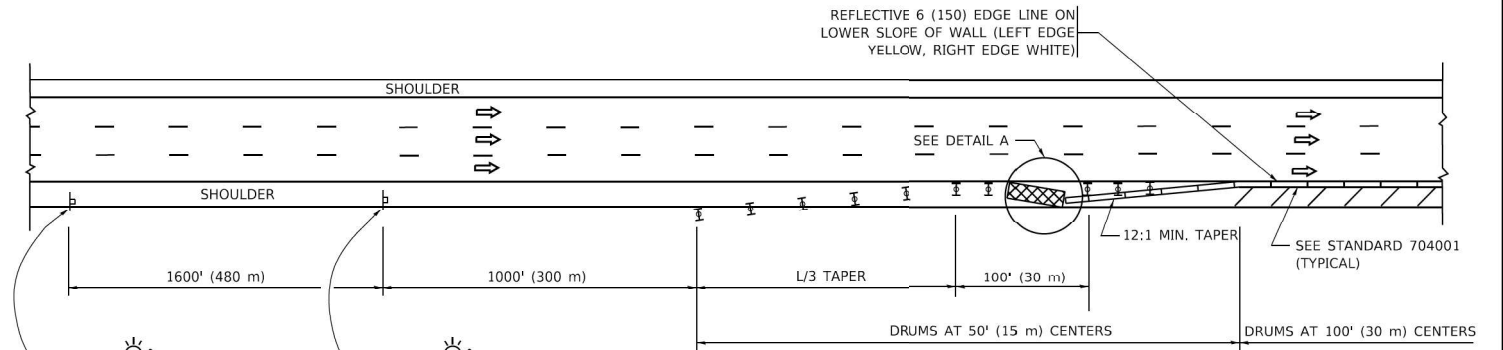
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES:

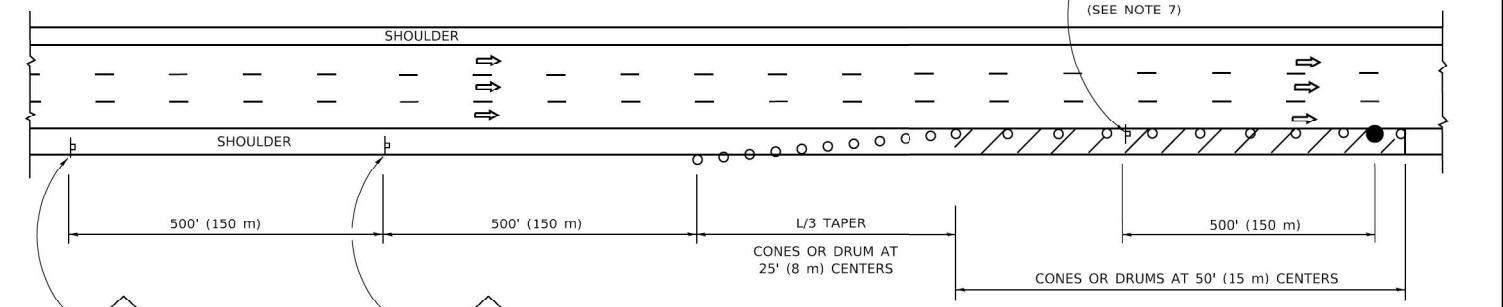
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h)	METRIC ENGLISH
OR GREATER:	L=0.65(W)(S) L=(W)(S)
	W = WIDTH OF OFFSET IN FEET (METERS)
	S = NORMAL POSTED SPEED MPH (KM/H)
2. TYPE II BARRICADES OR DRUMS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES. TYPE II BARRICADES OR DRUMS WITH MONODIRECTIONAL STEADY BURN LIGHTS ARE REQUIRED FOR DELINEATING OBSTACLES, EXCAVATIONS, OR HAZARDS EXCEEDING 100 FT (30m) IN LENGTH AT NIGHT.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS

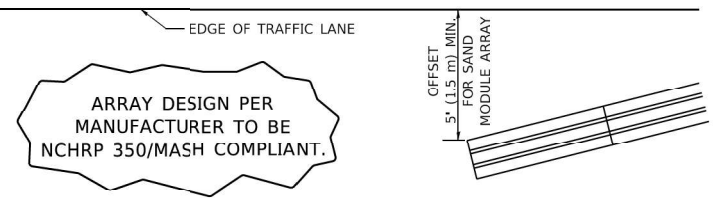


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

- THIS DETAIL IS USED WHERE:
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK AVTIVITY REQUIRES FREQUENT ENCR OACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
8. 12' MIN. WIDTH TANGENT SECTION
16' MIN. WIDTH CURVE SECTION.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = footemj	DESIGNED -	REVISED - S.P.B. 01-07
	DRAWN - D.W.S.	REVISED - S.P.B. 12-09
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - M.D. 06-13
PLOT DATE = 3/4/2019	DATE - 11-96	REVISED - M.D. 01-18

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

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

F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	155
TC-17		CONTRACT NO. 62W20		
ILLINOIS FED. AID PROJECT				

ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-2-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

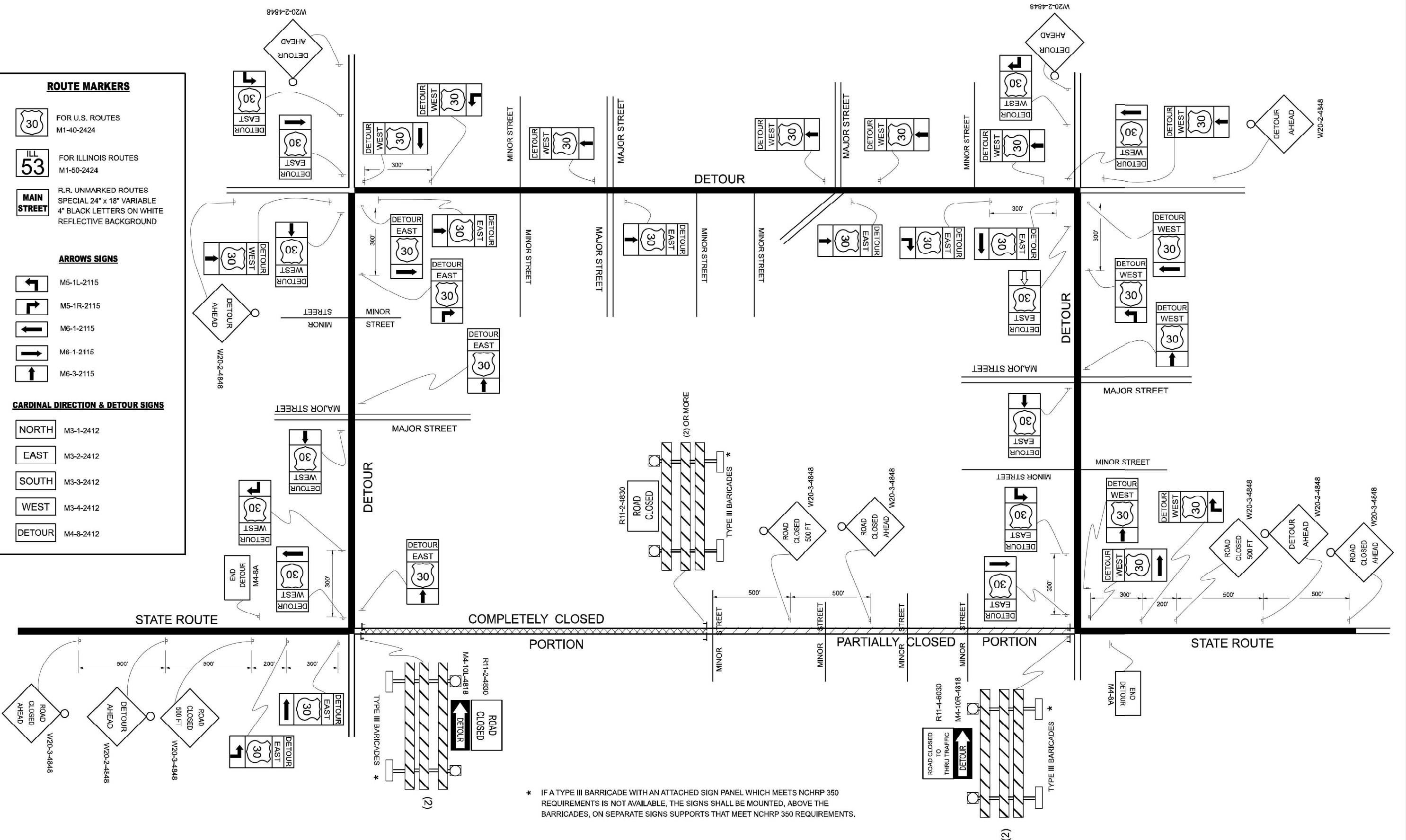
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

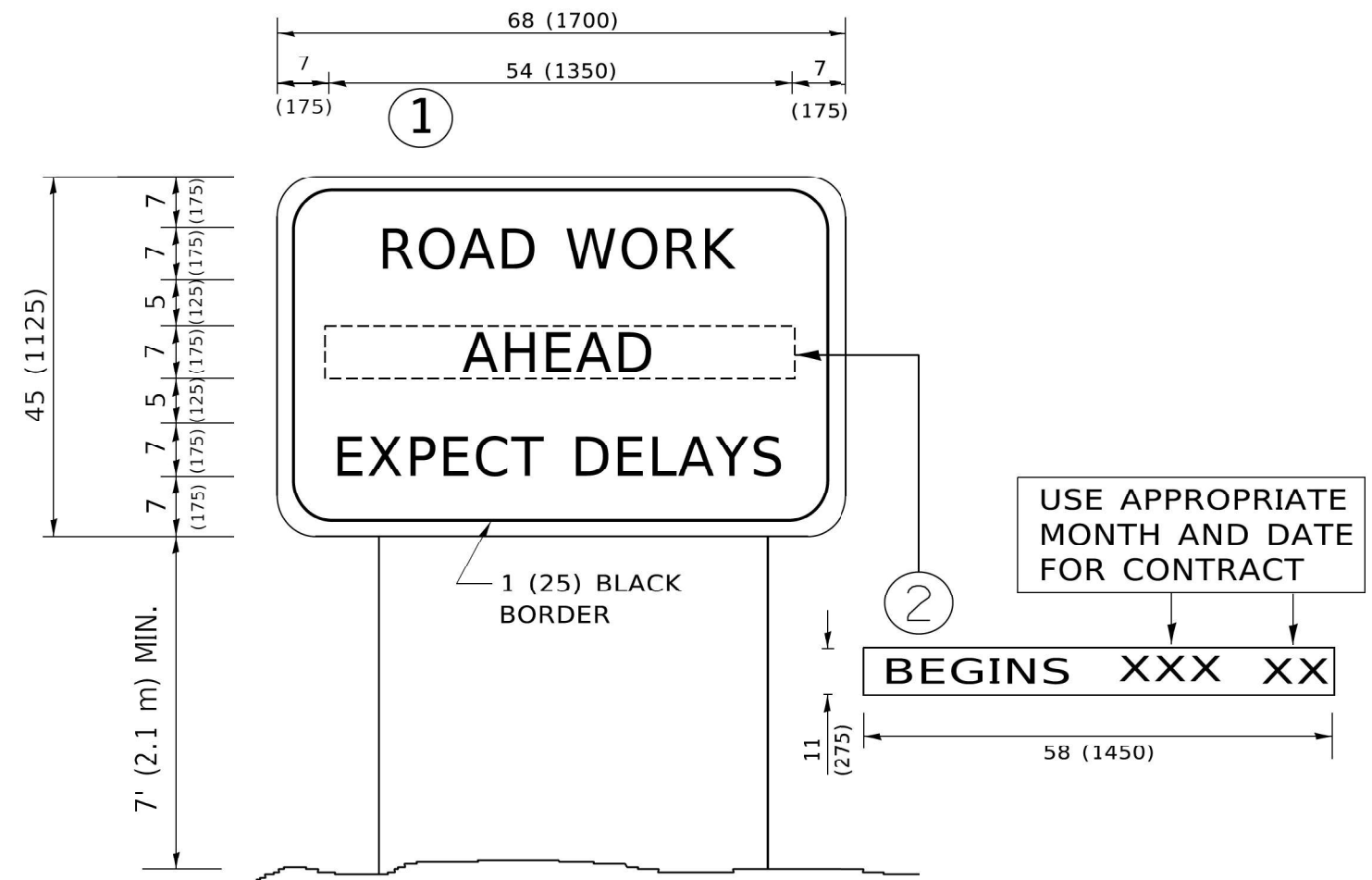
WEST M3-4-2412

DETOUR M4-8-9-2412



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

USER NAME = brad.gagliano PLOT SCALE = 0.08333317 / in. PLOT DATE = 8/30/2023	DESIGNED - _____ DRAWN - _____ CHECKED - _____ DATE - _____	REVISED - 10-18-02 REVISED - R. BORO 09-14-09 REVISED - _____ REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS			F.A. I RTE. 80	SECTION FAI 80 23 Bridge Replacement 2	COUNTY COOK	TOTAL SHEETS 158	SHEET NO. 156
	SCALE: NONE SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____						TC-21			CONTRACT NO. 62W20	
	ILLINOIS FED. AID PROJECT										



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

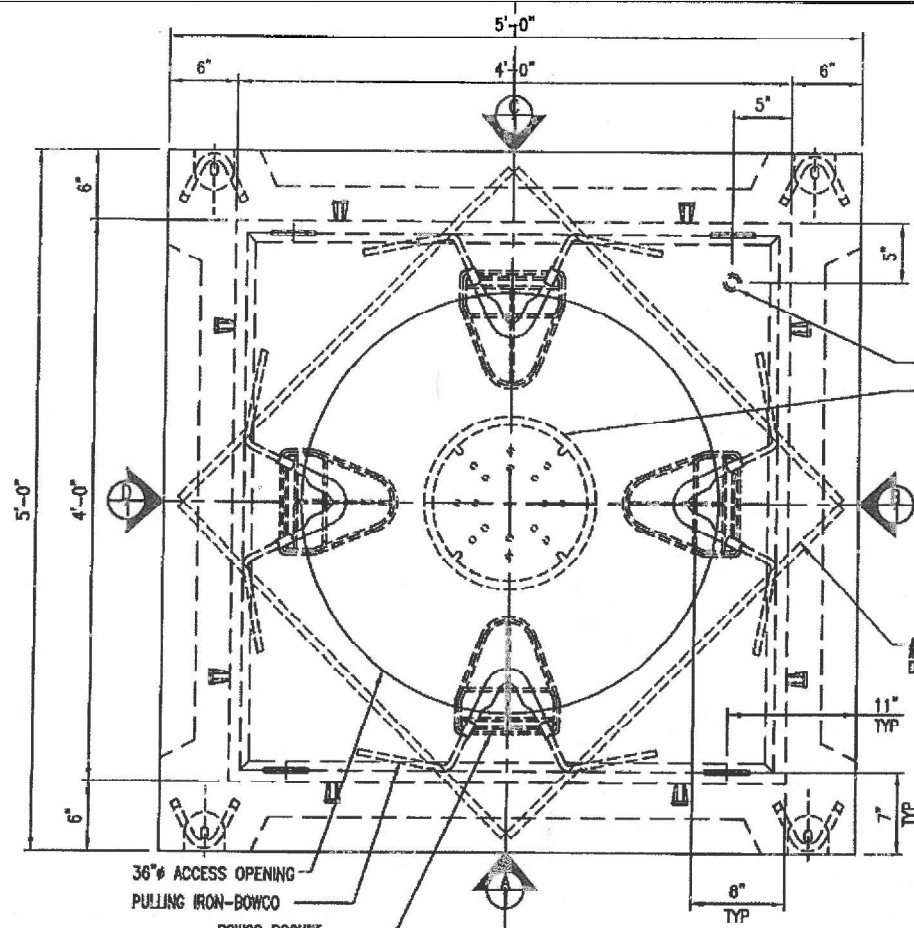
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = foote[m]	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN		F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED - R. MIRS 12-11-97		80	FAI 80 23 Bridge Replacement 2	COOK	158	157			
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99		SCALE: NONE		SHEET 1 OF 1 SHEETS		STA. TO STA.		TC-22	
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07		CONTRACT NO. 62W20							
ILLINOIS FED. AID PROJECT											

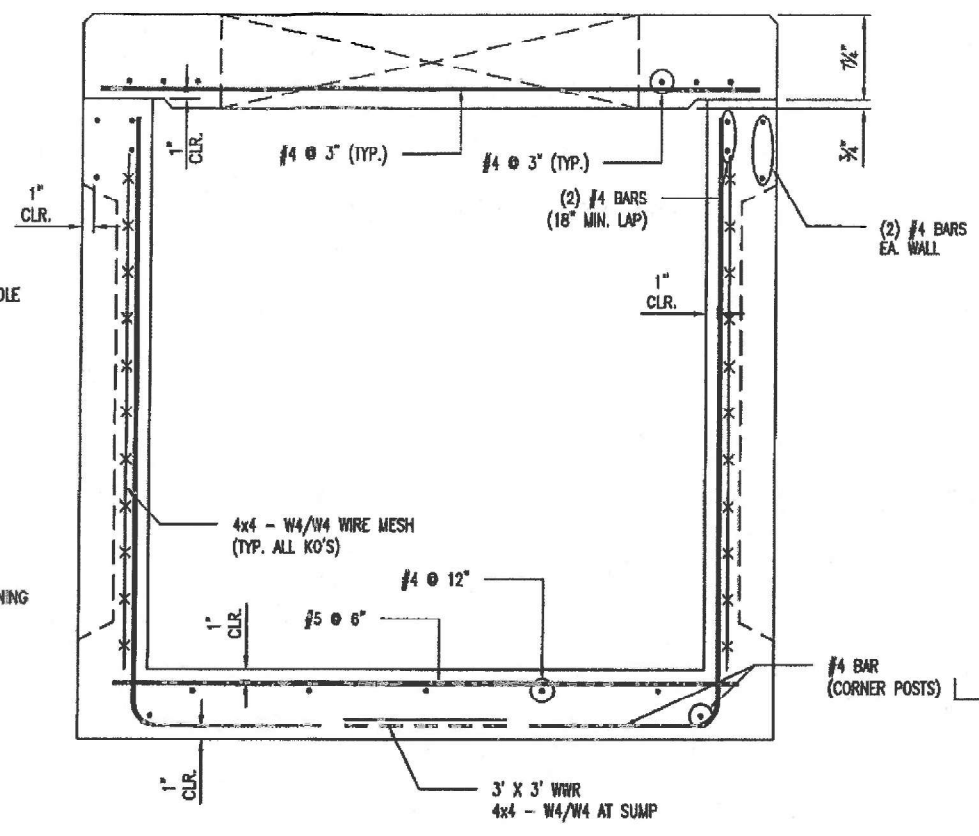
STRUCTURE WEIGHTS

STRUCTURE WEIGHT	STRUCTURE TYPE
2.88 TONS	BASE SECTION
1.10 TONS	LID SECTION

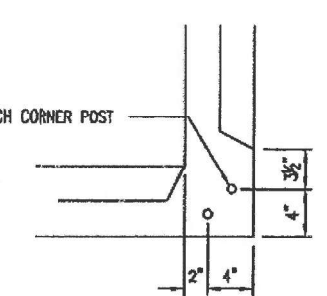
1



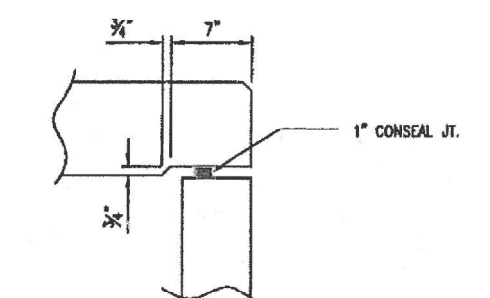
PLAN VIEW
SCALE: 3/4" = 1'-0"



STEEL REINFORCEMENT
SCALE: 3/4" = 1'-0"



CORNER POST DETAIL
SCALE: 3/4" = 1'-0"



LID JOINT DETAIL
SCALE: 3/4" = 1'-0"

- DESIGN NOTES:**
1. TOP SLAB CONCRETE MIN. COMPRESSIVE STRENGTH 6000 PSI @ 28 DAYS & BASE 5,000 PSI.
 2. STEEL REINFORCEMENT REBAR - ASTM 615, GRADE 60.
 3. DESIGN LOADING PER BALTIMORE CITY HS-25 DESIGN CRITERIA.
 4. EARTH COVER = 1'-0" - 5'-0"
 5. GROUND WATER @ 3'-0" BELOW GRADE.

REVISION TABLE

REV	REV DATE	BY	DESCRIPTION
1			
2			

Oldcastle Precast
CHESAPEAKE REGION
5115 MASSAHOUE CHURCH ROAD, FREDERICKSBURG, VA 22407
OFFICE 410-899-8300, FAX 410-899-8302
1401 TRIBLE ROAD, EDWARDSWOOD, MD 21710
OFFICE 410-296-1000, FAX 410-813-1214

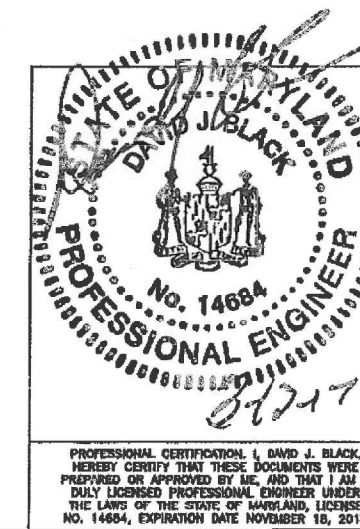
THIS DOCUMENT IS THE PROPERTY OF OLDCASTLE PRECAST, INC. IT IS SUBMITTED FOR REFERENCE PURPOSES ONLY AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF OLDCASTLE PRECAST, INC. ALL RIGHTS RESERVED.

4' x 4' x 4' BASE KO HS-25 & 5' x 5' TOP SUBMITTAL - LAYOUT

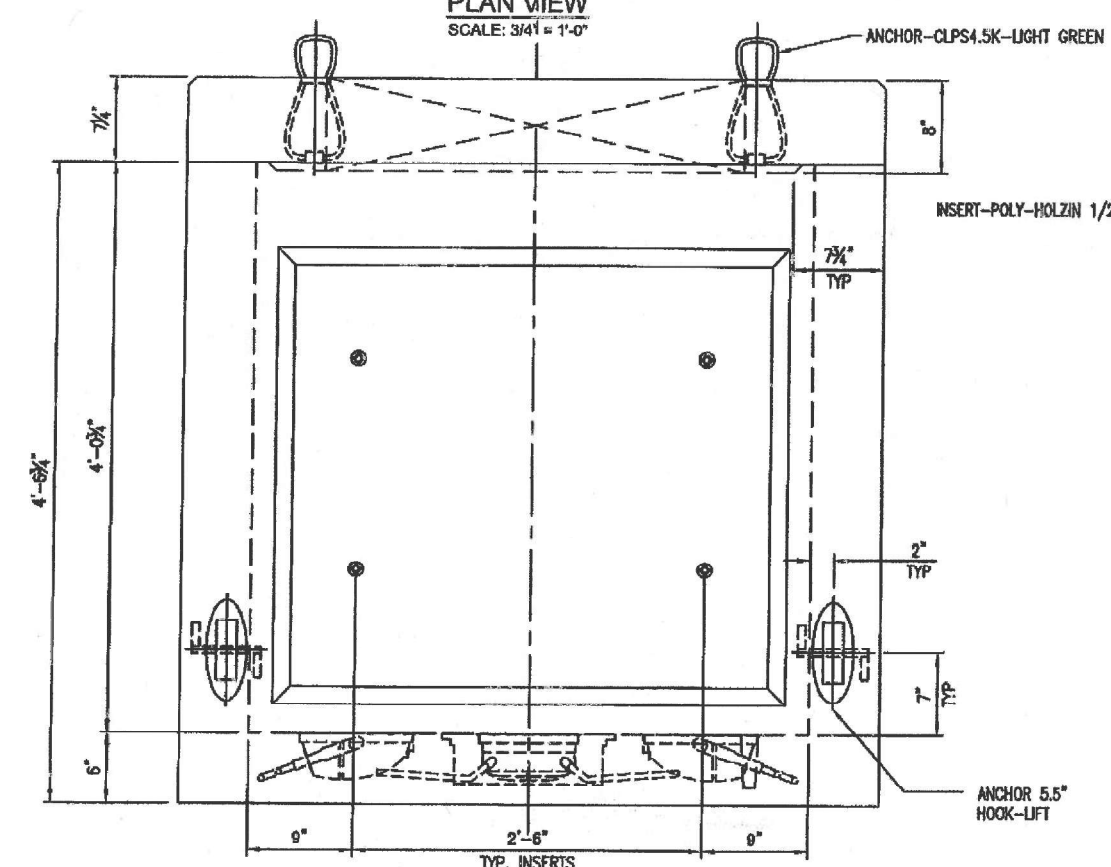
BG&E 0040480-0041470

DATE	SALES	DRAWN	ENGINEER	CHECKED	SALES ORDER
03/10/17	-	CR	DJB	DJB	-

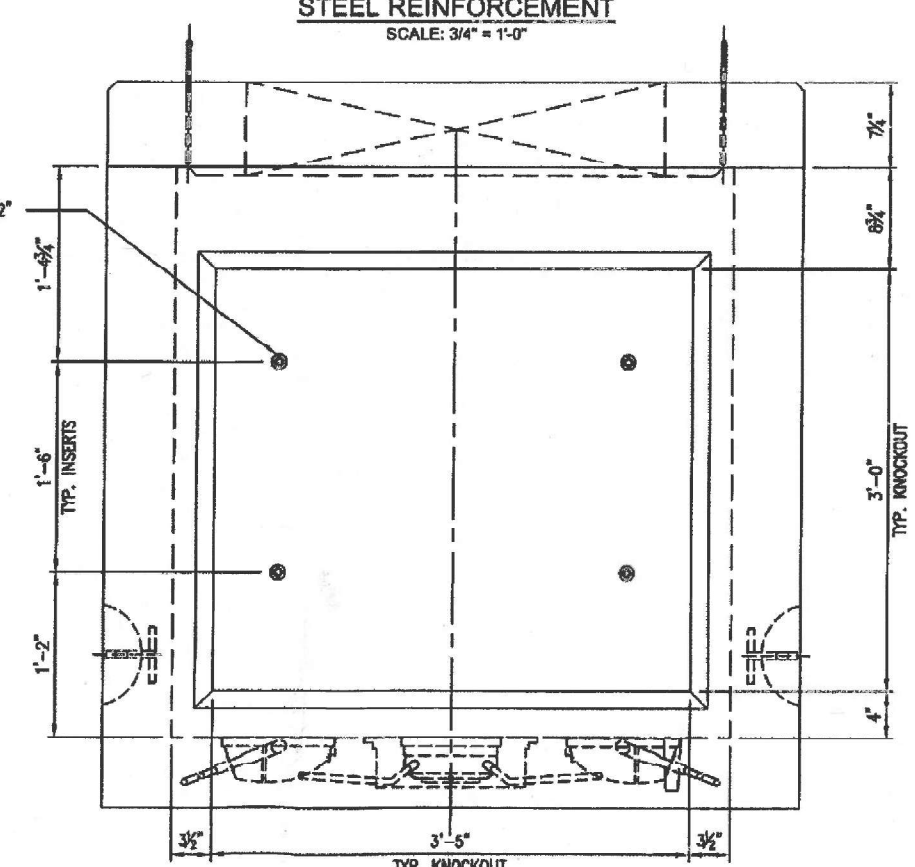
DRAWING NUMBER: 0040480-0041470
REVISION: 1 OF 1



PROFESSIONAL CERTIFICATION: I, DAVID J. BLACK, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 14684, EXPIRATION DATE NOVEMBER 18, 2017



VIEW A
VIEW C IS A MIRROR IMAGE
SCALE: 3/4" = 1'-0"



VIEW B
VIEW D IS A MIRROR IMAGE
SCALE: 3/4" = 1'-0"

USER NAME	DESIGNED	REVISED
= mmathews	-	-
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/4/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITY VAULT DETAIL

SCALE: SHEET 1 OF SHEETS STA. TO STA.

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 23 Bridge Replacement 2	COOK	158	158

CONTRACT NO. 62W20
ILLINOIS FED. AID PROJECT