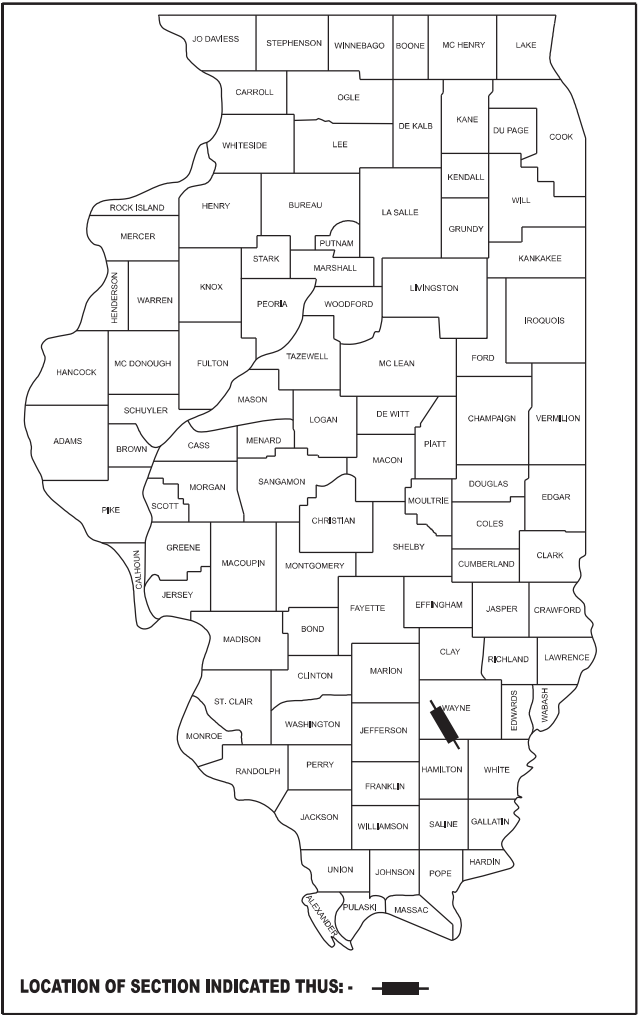


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	1
		ILLINOIS	CONTRACT NO. 74D06	

D-97-045-24



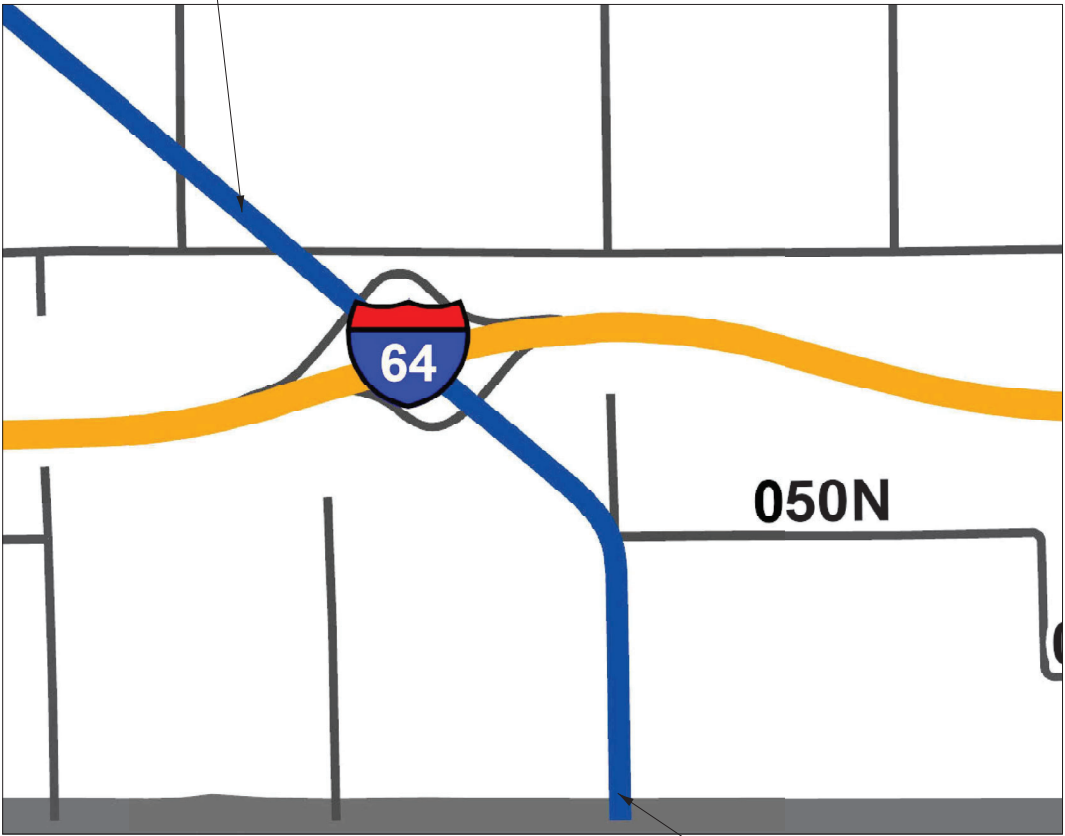
FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT: 1550 (2023)

STATION EQUATIONS:
STA 30+25.00 BK/STA 363+23.22 AH
STA 372+24.47 BK/STA 372+87.50 AH

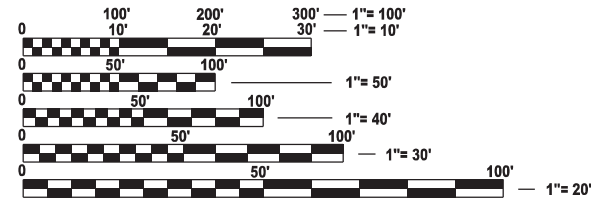
**PROPOSED
HIGHWAY PLANS**
FAP ROUTE 776 (IL 242) & FAI ROUTE 64
(101, 102) RS-2, (96-2) BDR,BJR
STP-NHPP-EN3I(572)
DESIGNED OVERLAY, BRIDGE REPAIRS
WAYNE COUNTY
C-97-076-24

PROJECT START: STA 67+00



PROJECT END: STA 395+84

GROSS LENGTH = 6872.75 FT. = 1.302 MILE
NET LENGTH = 6872.75 FT. = 1.302 MILE



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: MATT BOWER
PROJECT MANAGER: LEVI LUND

CONTRACT NO. 74D06

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 26, 2026
Teresa C. Price
REGIONAL ENGINEER

August 14, 2026
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

August 14, 2026
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL: General Notes (Sheet)
FILE NAME: c:\pwworking\stallund\1d099830\0774D06-ah-gennote.dgn

INDEX OF SHEETS	
SHEET NO	TITLE
1	COVER SHEET
2	GENERAL NOTES
3-8	SUMMARY OF QUANTITIES
9-12	TYPICAL SECTIONS
13-15	SCHEDULE OF QUANTITIES
16-27	PLAN SHEETS
28-37	LIGHTING PLANS
38-45	PROFILE IMPROVEMENT PLANS
46-65	BRIDGE PLANS
66-73	PAVEMENT MARKING DETAILS
74-81	DETAILS

GENERAL NOTES

LONGITUDINAL JOINT SEALANT WILL BE APPLIED AT ALL CENTERLINE AND TURN LANE JOINTS.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS

WHEN APPLYING SHORT TERM PAVEMENT MARKINGS, TEMPORARY TAPE SHALL BE USED ON THE SURFACE AND PAINT SHALL BE USED ON THE MILLED AND BINDER SURFACES

STANDARD NO. DESCRIPTION

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	821101-03	LUMINAIRE WIRING IN POLE
001001-02	AREAS OF REINFORCEMENT BARS	825011-04	LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
001006	DECIMAL OF AN INCH AND OF A FOOT	830021-04	LIGHT POLE STEEL TENON TOP
406201-01	MAILBOX TURNOUT	836001-05	LIGHT POLE FOUNDATION
420001-11	PAVEMENT JOINTS	838001-01	BREAKAWAY DEVICES
442201-04	CLASS C AND D PATCHES		
606001-09	CONCRETE CURB, TYPE B AND COMBINATION CONCRETE CURB AND GUTTER		
606301-04	PC CONCRETE ISLANDS AND MEDIANS		
606306-04	CORRUGATED PC CONCRETE MEDIANS		
642006-01	SHOULDER RUMBLE STRIPS, 8 INCH		
667101-02	PERMANENT SURVEY MARKERS		
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE		
701011-04	OFF-RD MOVING OPERATIONS, 2L 2W, DAY ONLY		
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE		
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY		
701201-05	LANE CLOSURE, 2L, 2W, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH		
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS		
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH		
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY		
701316-14	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR		
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY		
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY		
701406-13	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY		
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH		
701456-05	PARTIAL EXIT RAMP CLOSURE, FREEWAY/EXPRESSWAY		
701901-11	TRAFFIC CONTROL DEVICES		
720001-01	SIGN PANEL MOUNTING DETAILS		
720006-04	SIGN PANEL ERECTION DETAILS		
780001-05	TYPICAL PAVEMENT MARKINGS		
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS		
782001-01	CURB REFLECTORS		
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS		
886001-01	DETECTOR LOOP INSTALLATIONS		
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS		

THE FOLLOWING APPLICATION RATES WERE USED IN CALCULATING PLAN QUANTITIES AND HAVE BEEN INCLUDED FOR REFERENCE:

AGGREGATE FOR SURFACE, WEDGE SHOULDERS, AND SUBBASE	2.05 TON/CU YD
BITUMINOUS MATERIALS (TACK COAT)	0.05 LB/SQ FT (ON MILLED AND CONCRETE SURFACES)
	0.025 LB/SQ FT (ON HMA LIFTS)
HOT-MIX ASPHALT PATCHING, BINDERS, AND SURFACES	112 LB/SQ YD/INCH

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:									
LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE (REQUIRED?)
MAINLINE	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	SBS PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QCP	1000	N/A
MAINLINE	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	SBS PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	N70	QCP	1000	N/A
CR 050	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	SBS PG 64-22	4.0% @ N=70	IL - 19.0	N/A	N70	QCQA	3000	N/A
PATCHING	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	SBS PG 64-22	4.0% @ N=70	IL - 19.0	N/A	N70	QCQA	3000	N/A
3 3/4" HMA SHOULDERS	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	SBS PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QCQA	3000	N/A
3 3/4" HMA SHOULDERS	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	SBS PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	N70	QCQA	3000	N/A
8" HMA SHOULDERS	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70 (TOP LIFT)	SBS PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QCQA	3000	N/A
8" HMA SHOULDERS	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (BOTTOM LIFT)	SBS PG 64-22	4.0% @ N=70	IL - 19.0	N/A	N70	QCQA	3000	N/A
INCIDENTAL	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	SBS PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QCQA	3000	N/A
RAMPS	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	N90	QCQA	3000	N/A
RAMPS	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	SBS PG 70-22	4.0% @ N=90	IL - 9.5FG	N/A	N90	QCQA	3000	N/A

REV - MS

	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					776	*	WAYNE	81	2
		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAP 776 80 FED/20 STATE	FAI 64 90 FED/10 STATE
				ROADWAY	BRIDGE
				0005 RURAL	0047 S.N. 096-0032
20200100	EARTH EXCAVATION	CU YD	101	101	
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	189	189	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	176	176	
35300510	PORTLAND CEMENT CONCRETE BASE COURSE 10 1/2"	SQ YD	1391	1391	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	158	158	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	15801	15801	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	6495	6495	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2184	2184	
40600990	TEMPORARY RAMP	SQ YD	102	102	
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	2111	2111	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	152	152	
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL 9.5FG, N90	TON	149	149	
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	2451	2451	
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	171	171	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	22	22	
42000060	WELDED WIRE REINFORCEMENT	SQ YD	58	58	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	57	57	
44000100	PAVEMENT REMOVAL	SQ YD	474	474	

REV - MS

	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					776	*	WAYNE	81	3
		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 1	OF 6	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
											(101, 102) RS-2, (96-2) BDR, BJR	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAP 776 80 FED/20 STATE	FAI 64 90 FED/10 STATE
				ROADWAY	BRIDGE
				0005 RURAL	0047 S.N. 096-0032
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	12845	12845	
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	14613	14613	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	57	57	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3943	3943	
44003100	MEDIAN REMOVAL	SQ FT	1690	1690	
44201299	DOWEL BARS 1 1/2"	EACH	44	44	
44201371	CLASS C PATCHES, TYPE IV, 11 INCH	SQ YD	58	58	
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	360.4	360.4	
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	103.5	103.5	
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	35	35	
44213200	SAW CUTS	FOOT	158	158	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	555	555	
48203012	HOT-MIX ASPHALT SHOULDERS, 3 3/4"	SQ YD	6736	6736	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	453	453	
50102400	CONCRETE REMOVAL	CU YD	38.7		38.7
50157300	PROTECTIVE SHIELD	SQ YD	761		761
50300100	FLOOR DRAINS	EACH	8		8
50300255	CONCRETE SUPERSTRUCTURE	CU YD	38.6		38.6

REV - MS

	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FAP 776 FAI 64 80 FED/20 STATE 90 FED/10 STATE					
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE
				0005	0047
				RURAL	S.N. 096-0032
50300300	PROTECTIVE COAT	SQ YD	1608		1608
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5850		5850
50800515	BAR SPLICERS	EACH	40		40
52000110	PREFORMED JOINT STRIP SEAL	FOOT	159.5		159.5
53016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	7.3		7.3
53016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	1.4		1.4
53101009	BRIDGE DECK SCARIFICATION 2 1/2"	SQ YD	1532		1532
53101210	BRIDGE DECK FLY ASH OR GGBF CONCRETE OVERLAY, 2 3/4"	SQ YD	1532		1532
53212754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	503.3		503.3
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	3150	3150	
60608800	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 (DOWELLED)	FOOT	793	793	
60618330	CONCRETE MEDIAN SURFACE, 7 INCH	SQ FT	1690	1690	
60624600	CORRUGATED MEDIAN	SQ FT	2037	2037	
60625600	ISLAND PAVEMENT (6")	SQ YD	24	24	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	13684	13684	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	3	3	

	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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										(101, 102) RS-2, (96-2)BDR, BJR			

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				ROADWAY	BRIDGE
				0005 RURAL	0047 S.N. 096-0032
67100100	MOBILIZATION	L SUM	1	1	
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1		1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1	
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1184	1184	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	195	195	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	187	187	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	22867	22867	
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	390	390	
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	837	837	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	545	545	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	72	72	

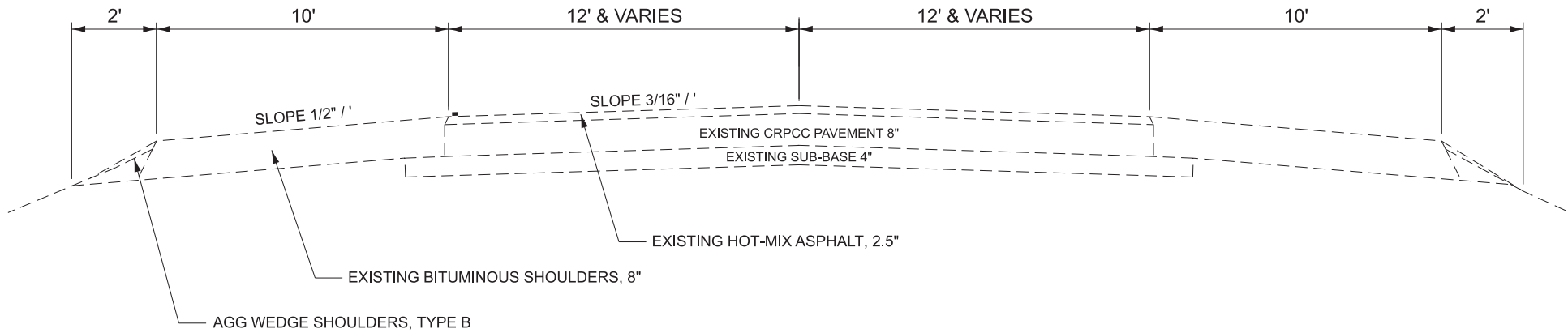
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		FAP 776		FAI 64	
		80 FED/20 STATE		90 FED/10 STATE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE
				0005	0047
				RURAL	S.N. 096-0032
* 72000100	SIGN PANEL - TYPE 1	SQ FT	33	33	
* 72400210	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	165	165	
* 73000100	WOOD SIGN SUPPORT	FOOT	36	36	
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	2	2	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	187	187	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	22818	22818	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	390	390	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	837	837	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	545	545	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	72	72	
* 78004620	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 4"	FOOT	1224	1224	
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	187	187	
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	24042	22818	1224
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	390	390	
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	837	837	
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	545	545	
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	72	72	

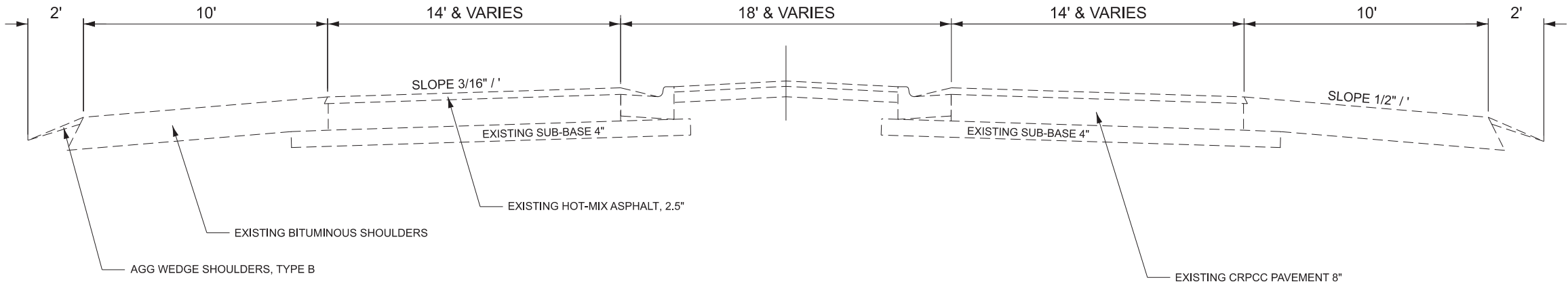
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		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 5	OF 6	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL CROSS SECTION

STA 68+17.00 TO STA 63+60.00
STA 57+10.00 TO STA 56+62.00
STA 43+35.00 TO STA 42+79.00
STA 36+37.00 TO STA 31+71.09

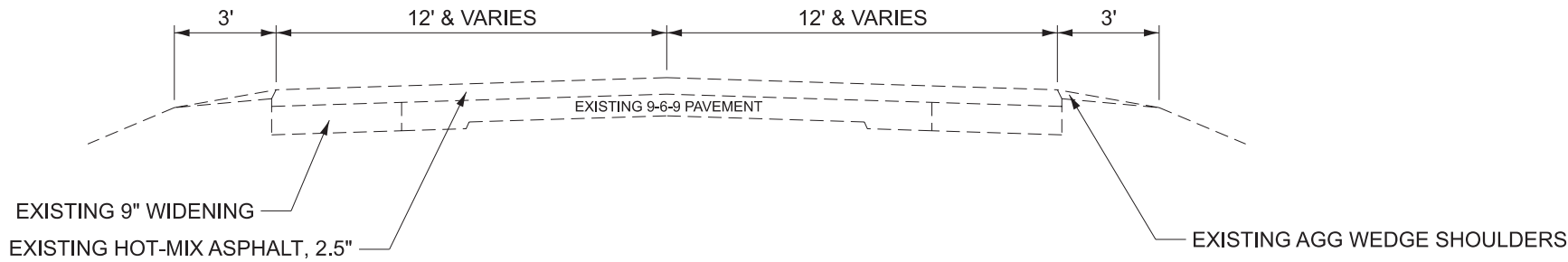


EXISTING TYPICAL CROSS SECTION

STA 63+60.00 TO STA 57+10.00
STA 56+62.00 TO STA 51+53.25
STA 48+46.75 TO STA 43+35.00
STA 42+79.00 TO STA 36+37.00

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		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 1	OF 4	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2) BDR, BJR	

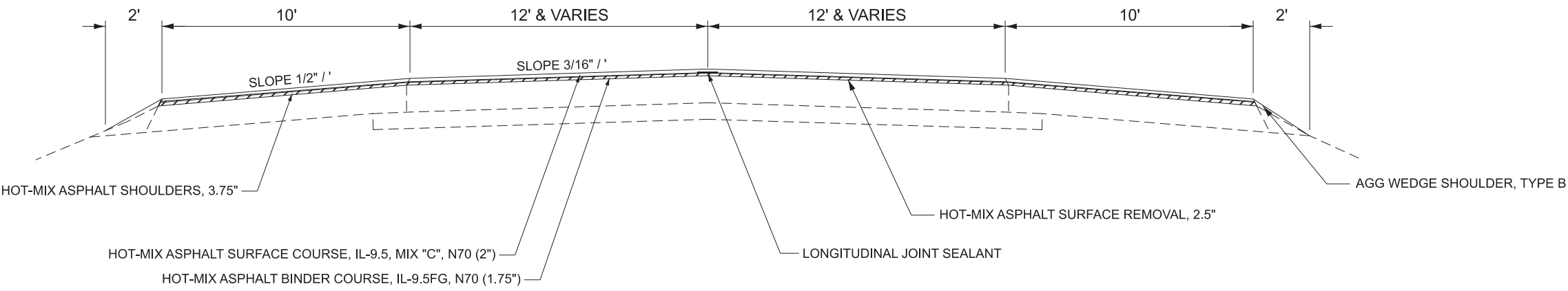


EXISTING TYPICAL CROSS SECTION

STA 31+71.09 TO STA 30+25.00
STA 30+25.00 BK / STA 363+23.22 AH
STA 363+23.22 TO STA 372+24.47
STA 372+24.47 BK / STA 372+87.50 AH
STA 372+87.50 TO STA 395+84

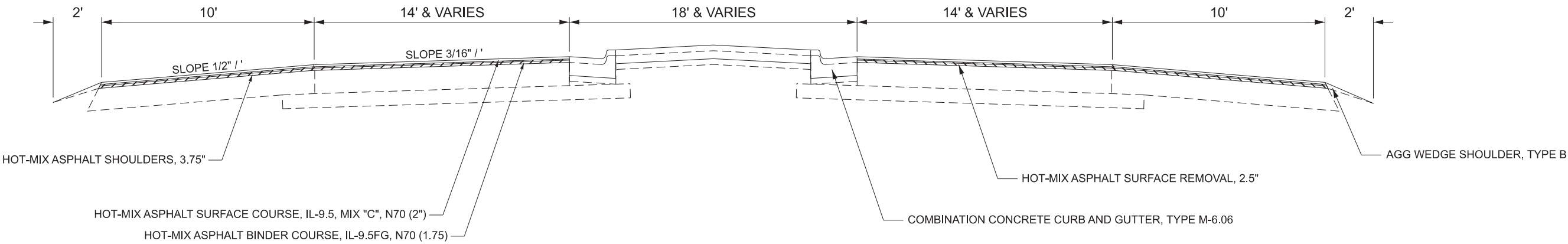
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	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					776	*	WAYNE	81	10
		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 2	OF 4	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



PROPOSED TYPICAL CROSS SECTION

STA 68+17.00 TO STA 63+60.00
STA 57+10.00 TO STA 56+62.00
STA 43+35.00 TO STA 42+79.00
STA 36+37.00 TO STA 32+23.00

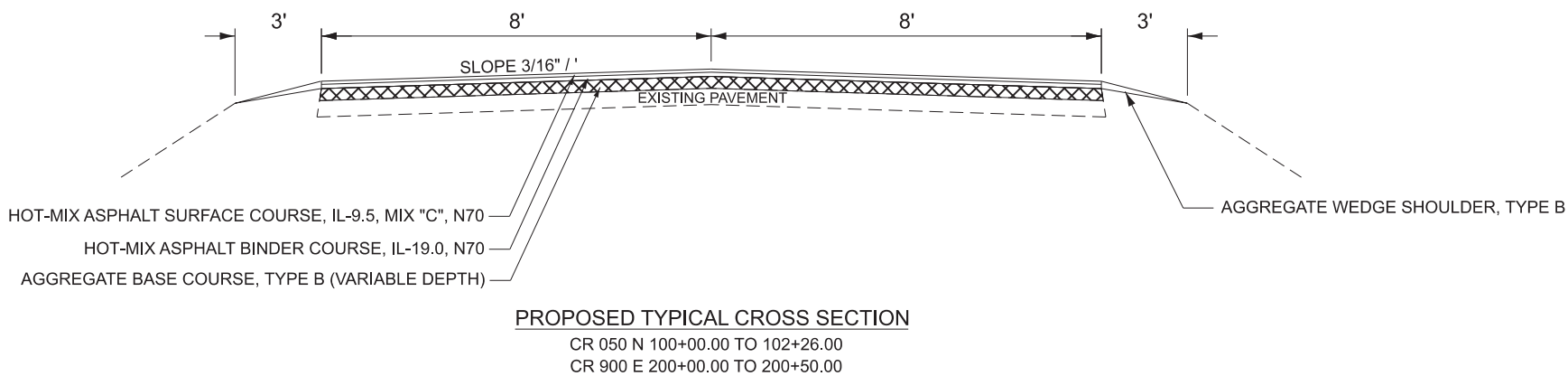
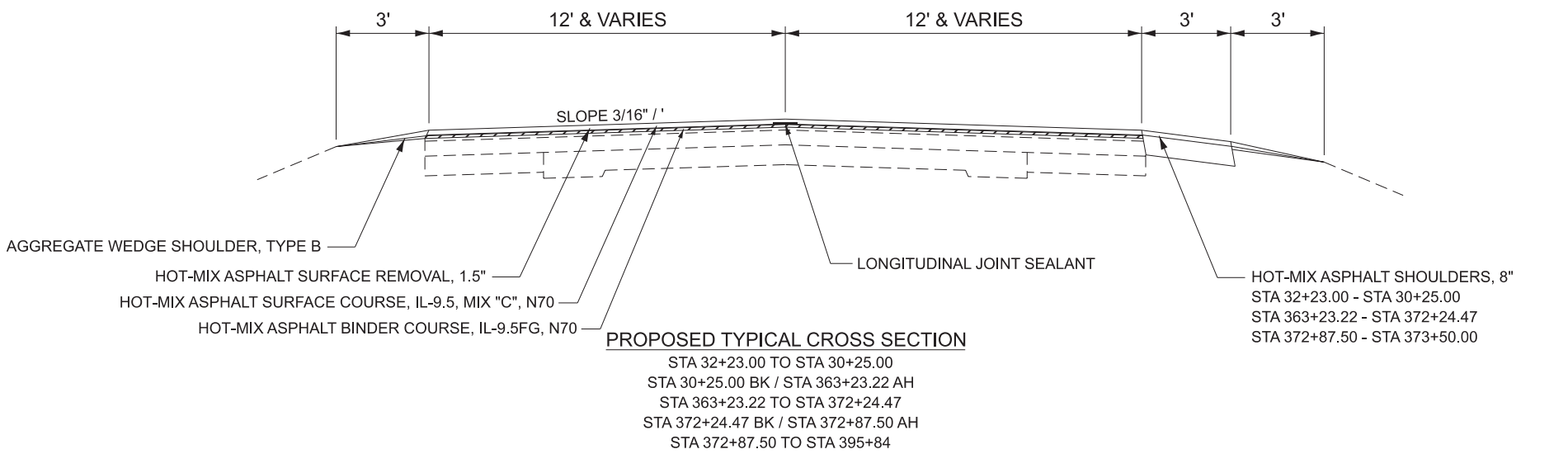


PROPOSED TYPICAL CROSS SECTION

STA 63+60.00 TO STA 57+10.00
STA 56+62.00 TO STA 51+53.25
STA 48+46.75 TO STA 43+35.00
STA 42+79.00 TO STA 36+37.00

MODEL: Type2 (Sheet)
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	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					776	*	WAYNE	81	11
		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 3	OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2) BDR, BJR		



MODEL: Type-3 [Sheet]
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	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					776	*	WAYNE	81	12
		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 4	OF 4	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2) BDR, BJR	

MODEL: Schedule1 (Sheet)
FILE NAME: c:\pw_work\pwtolund\dd099830\0774D06-ah-schedule.dgn

PAVEMENT SCHEDULE																
SCHEDULE			HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL, 1.5 INCH	HOT-MIX ASPHALT SURFACE REMOVAL, 2.5 INCH	BITUMINOUS MATERIALS (TACK COAT) BINDER	BITUMINOUS MATERIALS (TACK COAT) SURFACE	LONGITUDINAL JOINT SEALANT	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	HOT-,MIX ASPHALT SURFACE COURSE, IL-9.5, MIX C, N70	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D" N80	HOT - MIX ASPHALT SHOULDERS, 3 3/4"	HOT - MIX ASPHALT SHOULDERS, 8"	AGGREGATE WEDGE SHOULDERS TYPE B
STA	TO	STA	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(POUND)	(POUND)	(FOOT)	(TON)	(TON)	(TON)	(TON)	(SQ YD)	(SQ YD)	(TON)
67+00.00		62+11.00		122.2		2551.6	714.2	357.1	489.0		155.5	177.8		1086.7		41.8
62+11.00		56+50.00				2956.6	909.5	454.7			198.0	226.4		935.6		47.9
56+50.00		51+53.00		163.9		3100.0	965.6	482.8	632.0		210.3	240.3		1104.4		42.5
51+53.00		48+47.00														
48+47.00		43+28.00		163.9		3254.4	1012.7	506.4	654.0		220.6	252.1		1153.3		44.3
43+28.00		37+86.00				2750.7	875.8	437.9			190.7	218.0		1204.4		46.3
37+86.00		30+25.00	108.4		3607.5		1057.8	528.9	1522.0		230.4	263.3		1251.1	132.0	62.3
30+25.00		363+23.22	STATION EQUATION													
363+23.22		372+24.47			2603.6		1171.6	585.8	901.3		255.2	291.6			300.4	74.1
372+24.47		372+87.50	STATION EQUATION													
372+87.50		395+84.00		130.0	6634.3		2985.5	1492.7	2296.5		650.2	743.1			20.8	5.3
CR 050			338.6	80.0			155.7	77.9		152.0		38.8				190.8
I-64 WB OFF RAMP				431.6			194.2	97.1					48.3			
I-64 WB ON RAMP				337.2			151.7	75.9					37.8			
I-64 EB ON RAMP				359.2			161.6	80.8					40.2			
I-64 EB OFF RAMP				396.1			178.3	89.1					44.4			
TOTAL:			447	2184	12845	14613	10534	5267	6495	152	2111	2451	171	6736	453	555

PCC SCHEDULE												
SCHEDULE			PORTLAND CEMENT CONCRETE BASE COURSE 10 1/2"	CORRUGATED MEDIAN	COMBINATION CURB AND GUTTER, TYPE M 6.06	COMBINATION CURB AND GUTTER, TYPE M 6.06 (DOWELLED)	CONCRETE MEDIAN SURFACE, 7 INCH	ISLAND PAVEMENT (6")	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	MEDIAN REMOVAL	PAVEMENT REMOVAL	ISLAND REMOVAL
STA	TO	STA	(SQ YD)	(SQ FT)	(FOOT)	(FOOT)	(SQ FT)	(SQ YD)	(SQ YD)	(SQ FT)	(SQ YD)	(SQFT)
67+00.00		62+11.00									30.8	
62+11.00		56+50.00		740.0	1091.0		170.6	11.7		170.6	82.2	105.8
56+50.00		51+53.00	671.4	280.0	1067.0	386.0	671.4			671.4	119.0	
51+53.00		48+47.00										
48+47.00		43+28.00	719.7			407.0	719.7			719.7	129.0	
43+28.00		37+86.00		297.0	992.0		127.8	12.6		127.8	33.0	125.6
37+86.00		30+25.00		720.0					57.0		80.0	
TOTAL:			1391	2037	3150	793	1690	24	57	1690	474	231

	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						776	*	WAYNE	81	13
		CHECKED -	REVISED -						CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2)BDR, BJR		

MODEL: Schedule2 (Sheet)
FILE NAME: c:\paw_work\paw\td\lund\jdd099830\0774D06-ahh-schedule.dgn

GROOVING SCHEDULE									
SCHEDULE (MAINLINE)			LENGTH	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS
STA	TO	STA	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)
67+00		57+09	991	4109		435	317	37	31.2
57+09		42+98	1411	5586	390				124.8
42+98		30+25	1273	5192		402	228	35	31.2
30+25		363+23.22	STATION EQUATION						
363+23.22		372+24.47	901	3384					
372+24.47		372+87.50	STATION EQUATION						
372+87.50		395+84.00	2297	5771					
TOTAL:			6873	24042	390	837	545	72	187.2

INCIDENTAL PAVING SCHEDULE		
SCHEDULE		INCIDENTAL HOT-MIX ASPHALT SURFACING
LOCATION	QUADRANT	(TON)
CR 100 N	W	10.3
CR 100 N	E	12.0
TOTAL:		22

STRIPING SCHEDULE														
SCHEDULE (MAINLINE)			THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)	PERFORMED PLASTIC PAVEMENT MARKING, TYPE D STANDARD - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)	THERMOPLASTIC PAVEMENT MARKING LINE - 24" (WHITE)	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)	SHORT TERM PAVEMENT MARKING (WHITE)	SHORT TERM PAVEMENT MARKING (YELLOW)	SHORT TERM PAVEMENT MARKING REMOVAL
STA	TO	STA	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(FOOT)	(SQ FT)
67+00		57+09	2347	1762			435	262	55	37	31.2	84	98	30
57+09		42+98	2099	2263	1224	390					124.8	106		17
42+98		30+25	2942	2250			402	172	56	35	31.2	104	152	42
30+25		363+23.22	STATION EQUATION											
363+23.22		372+24.47	1665	1719									180	30
372+24.47		372+87.50	STATION EQUATION											
372+87.50		395+84.00	1231	4540									460	76
		TOTAL:	10284	12534	1224	390	837	434	111	72	187.2	294	890	195

ENTRANCE SCHEDULE					
SCHEDULE			PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	DRIVEWAY PAVEMENT REMOVAL	AGGREGATE SURFACE COURSE, TYPE B
STA	TO	STA	(SQ YD)	(SQ YD)	TON
67+00.00		62+11.00			
62+11.00		56+50.00			
56+50.00		51+53.00			
51+53.00		48+47.00			
48+47.00		43+28.00			
43+28.00		37+86.00			
37+86.00		30+25.00	56.9	56.9	4.6
30+25.00		363+23.22			
363+23.22		372+24.47			124.0
372+24.47		372+87.50			
372+87.50		395+84.00			29.4
TOTAL:			57	57	158

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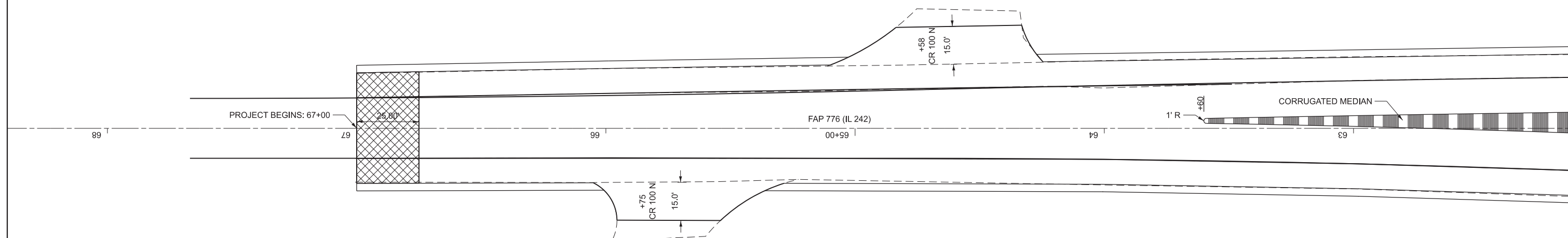
SCHEDULE (MAINLINE)			RAISED REFLECTIVE PAVEMENT MARKER OW (CRYSTAL)	RAISED REFLECTIVE PAVEMENT MARKER OW (AMBER)	RAISED REFLECTIVE PAVEMENT MARKER TW (AMBER)	CURB REFLECTORS	RAISED REFLECTIVE PAVEMENT MARKING REMOVAL
STA	TO	STA	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
67+00.00		66+75.00			1		1
66+75.00		65+55.00			6		6
65+55.00		62+11.00		17			17
62+11.00		57+08.00		25	1	42	26
57+08.00		56+10.00					0
56+10.00		51+53.00	5	23	1	26	29
51+53.00		48+47.00				16	0
48+47.00		43+77.00	5	24	1	26	30
43+77.00		42+77.00				14	0
42+77.00		37+86.00		25	1	28	26
37+86.00		34+43.00		17			17
34+43.00		33+23.00			6		6
33+23.00		30+25.00			8		8
30+25.00		363+23.22					0
363+23.22		370+41.00			18		18
370+41.00		372+24.47			3		3
372+24.47		372+87.50					0
372+87.50		395+84.00			29		29
TOTAL:			10	131	75	152	216

EARTH WORK SCHEDULE				
SCHEDULE		EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SEEDING, CLASS 2 (SPECIAL)
LOCATION	QUADRANT	(CU YD)	(CU YD)	(ACRE)
CR 050	E	101.0	189.0	0.04
TOTAL:		101.0	189.0	0.04

SIGNAGE SCHEDULE								
SCHEDULE			SIGN PANEL-TYPE I	TELESCOPING STEEL SIGN SUPPORT	WOOD SIGN SUPPORT	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY - TYPE B	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY
STA	TO	STA	(SQ FT	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)
57+20.00		57+35.00			18.0	1.0	1.0	1.0
42+60.00		42+75.00			18.0	1.0	1.0	1.0
363+23.00		373+59.00	33.0	165.0				
TOTAL:			33	165	36	2	2	2

PROTECTING OR RESETTNG SURVEY MARKERS					
NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	PROPOSED PROTECT OR RESET
581858.41	925057.12	30+25.00 (+ North)= 363+23.22 (+ South	0	STA EQ. - STATIONING INCREASING IN OPPOSITE DIRECTIONS	TYPE II - ALUM. IDOT DISK - FLUSH
581834.33	925084.62	363+59.77	0	PC	TYPE II - ALUM. IDOT DISK - FLUSH
581070.03	925429.81	372+24.47 Bk = 372+87.50 Ah	0	PT/STA EQ.	TYPE II - ALUM. IDOT DISK - FLUSH

	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					776	*	WAYNE	81	15
		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2)BDR, BJR	



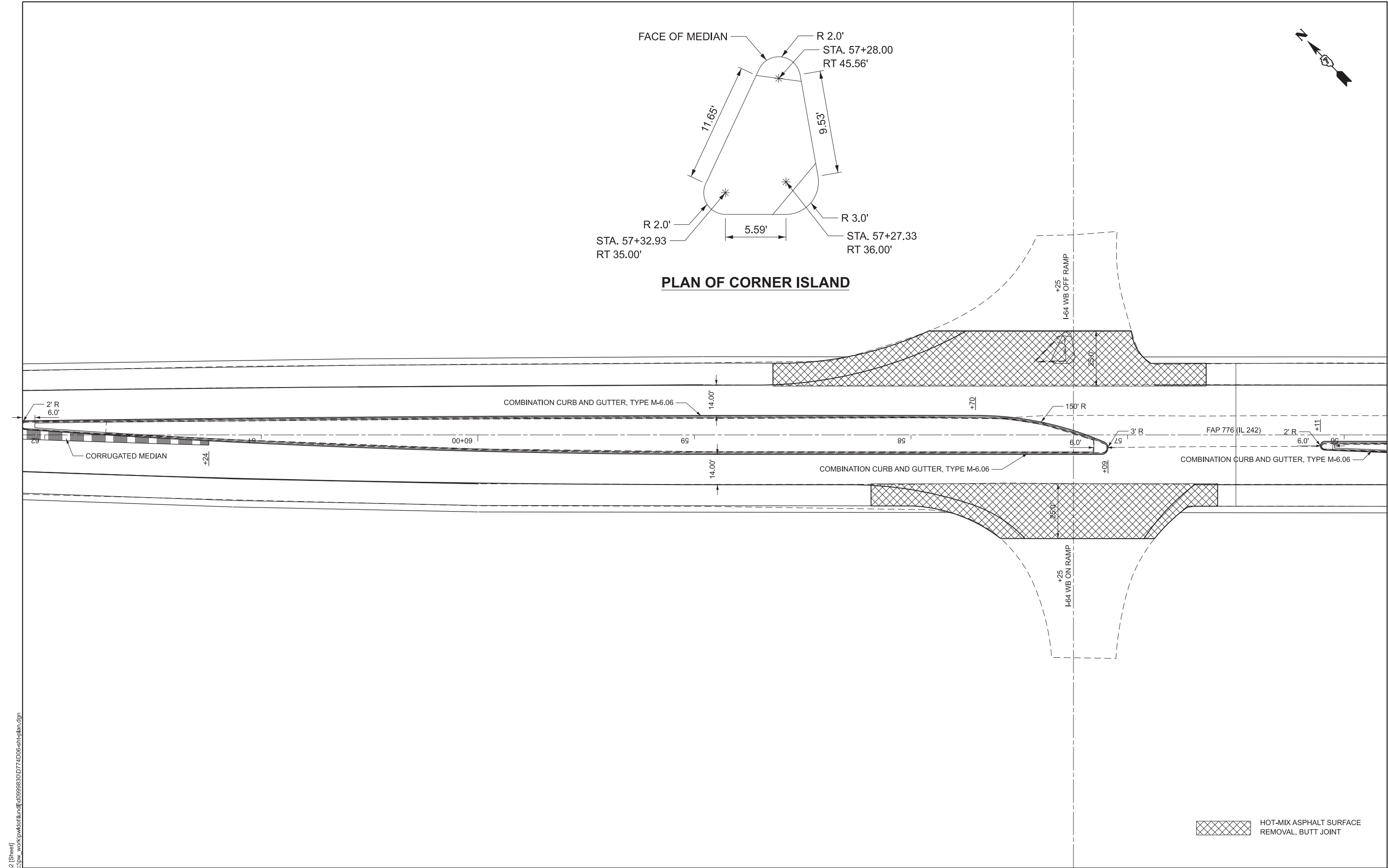
 HOT-MIX ASPHALT SURFACE
REMOVAL, BUTT JOINT

FILE NAME:	USER NAME = levi.tund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						776	*	WAYNE	81	16
		CHECKED -	REVISED -		CONTRACT NO. 74D06								
	PLOT DATE = 6/24/2026	DATE -	REVISED -										
					SCALE:	SHEET 1	OF 12 SHEETS	STA.	TO STA.		ILLINOIS	FED. AID PROJECT	

(101, 102) RS-2, (96-2)BDR, BJR

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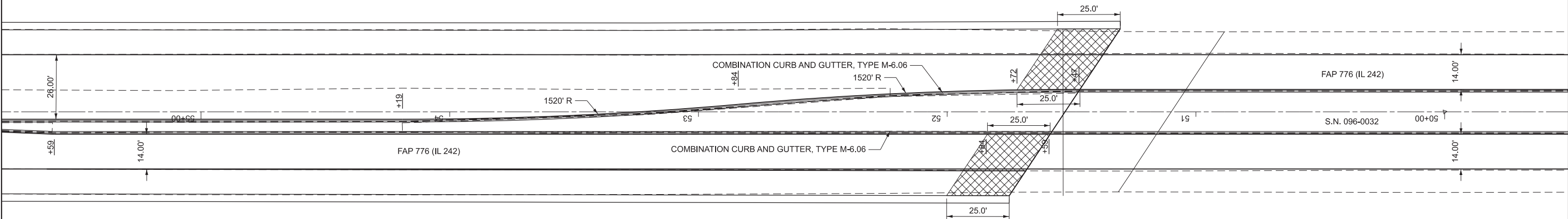
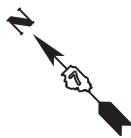


USER NAME	= levi.lund	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS			
SCALE:	SHEET 2	OF 12 SHEETS	STA. TO STA.

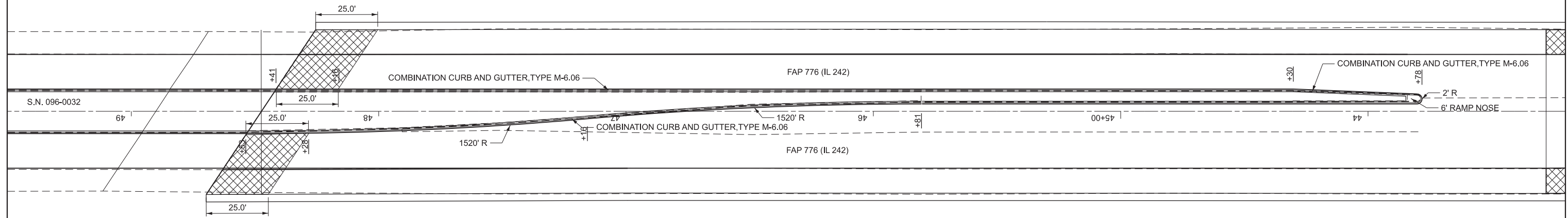
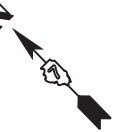
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	17
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2) BDR, BJR				



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 HOT-MIX ASPHALT SURFACE
REMOVAL, BUTT JOINT

	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						776	*	WAYNE	81	18
		CHECKED -	REVISED -						CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 3	OF 12	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2)BDR, BJR		

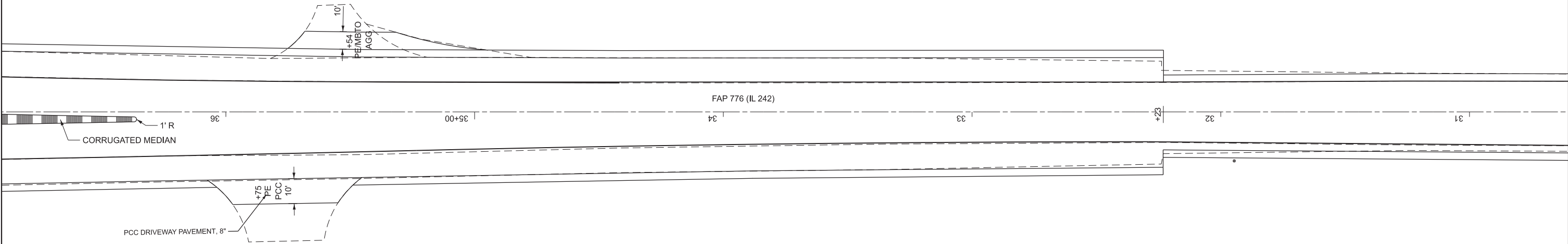
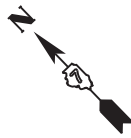


 HOT-MIX ASPHALT SURFACE
REMOVAL, BUTT JOINT

FILE NAME:	USER NAME = levilund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						776	*	WAYNE	81	19
		CHECKED -	REVISED -		CONTRACT NO. 74D06								
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 4	OF 12 SHEETS	STA.	TO STA.				
					ILLINOIS		FED. AID PROJECT						

(101, 102) RS-2, (96-2)BDR, BJR

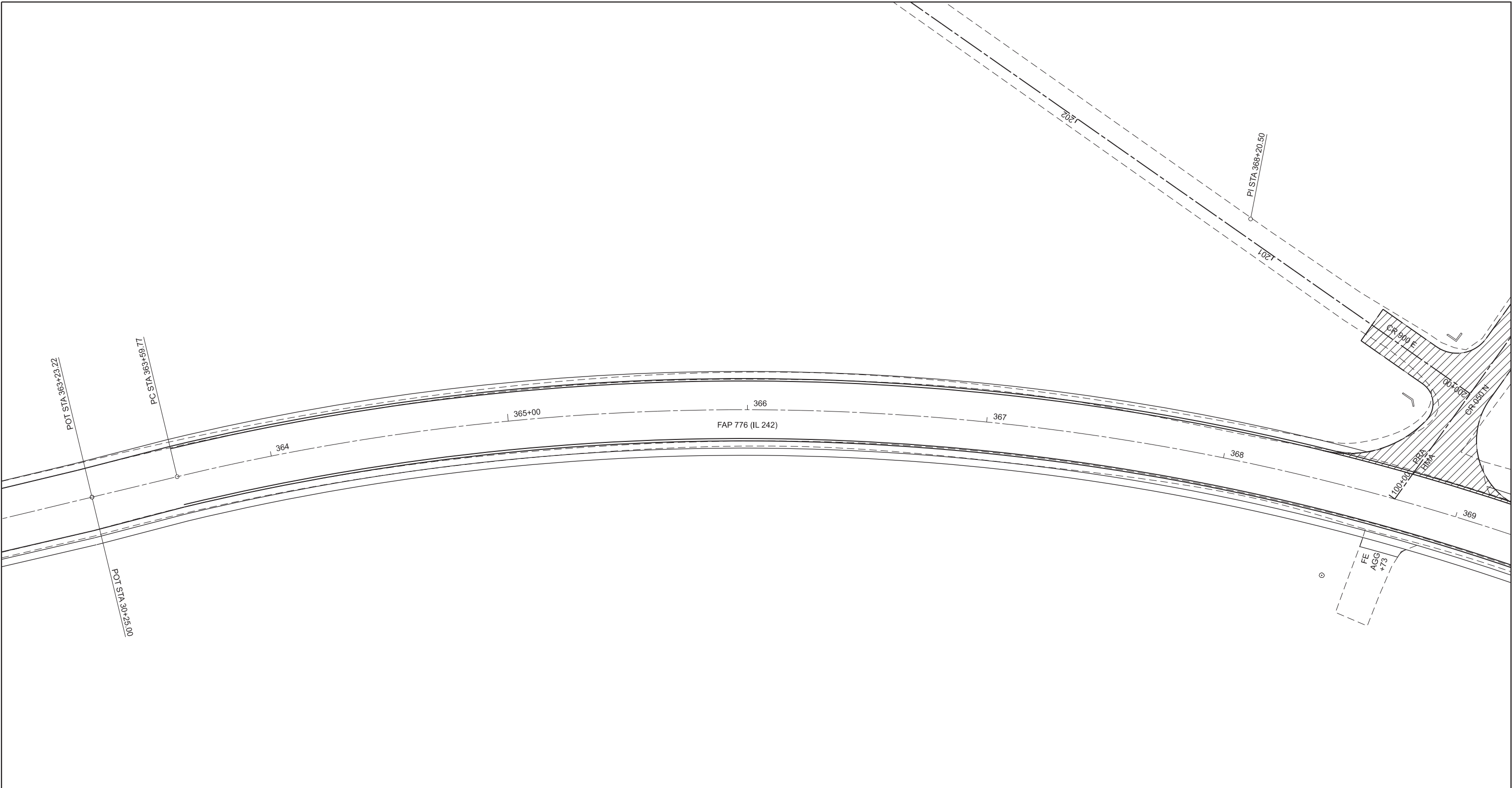
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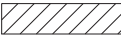
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	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -						776	*	WAYNE	81	21	
		CHECKED -	REVISED -		CONTRACT NO. 74D06									
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 6	OF 12	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

MODEL: Plan7 (Sheet)
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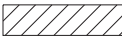
EX CURVE
PI STA = 368+20.50
 $\Delta = 48^{\circ}57'27''$ (RT)
D = $05^{\circ}39'42''$
R = 1,011.97'
T = 460.73'
L = 864.70'
E = 99.94'
 $e =$ _____
PC STA = 363+59.77
PT STA = 372+24.24 BK =
372+87.50 AH

 HOT-MIX ASPHALT SURFACE
REMOVAL, VARIABLE DEPTH

	USER NAME	= levi.lund	DESIGNED	-	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN	-	REVISED	-					776	*	WAYNE	81	22
			CHECKED	-	REVISED	-		CONTRACT NO. 74D06							
	PLOT DATE	= 6/24/2026	DATE	-	REVISED	-		SCALE:	SHEET 7	OF 12 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Plans [Sheet]
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EX CURVE
PI STA = 368+20.50
 $\Delta = 48^{\circ}57'27''$ (RT)
D = $05^{\circ}39'42''$
R = 1,011.97'
T = 460.73'
L = 864.70'
E = 99.94'
e = _____
PC STA = 363+59.77
PT STA = 372+24.24 BK =
372+87.50 AH

 HOT-MIX ASPHALT SURFACE
REMOVAL, VARIABLE DEPTH

USER NAME	= levi.lund	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: SHEET 8 OF 12 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	23
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				

(101, 102) RS-2, (96-2)BDR, BJR



375+00 376 377 378 379 380+00 381

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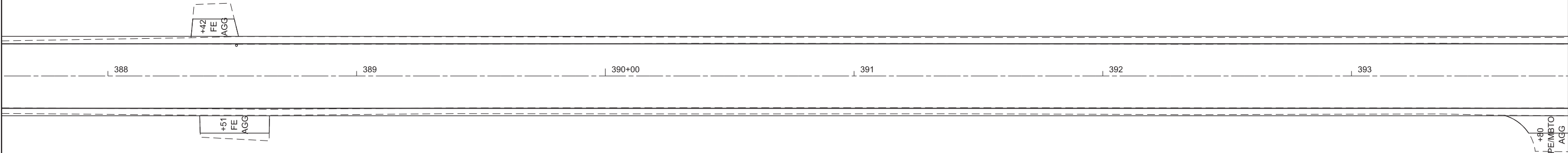
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		DRAWN -	REVISED -					776	*	WAYNE	81	24
		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 9	OF 12 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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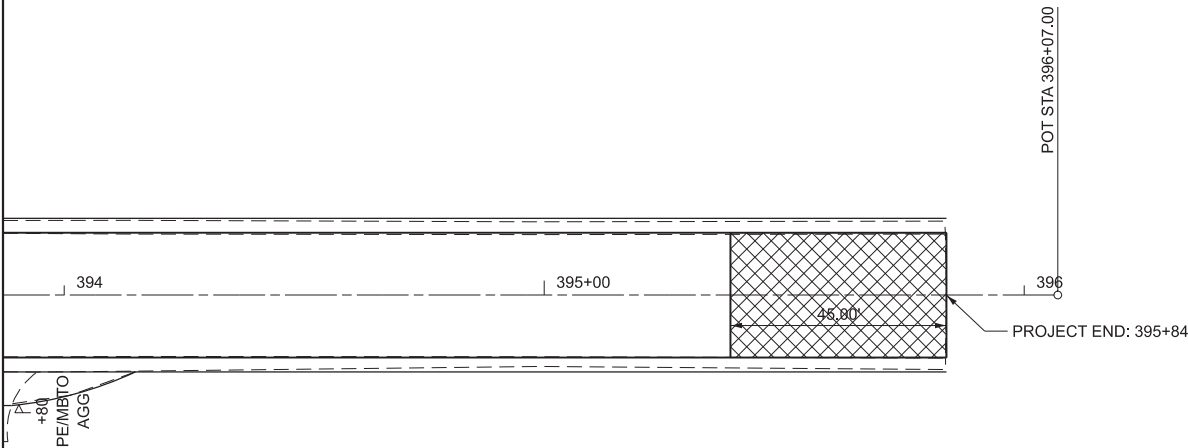


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		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 10	OF 12	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					776	*	WAYNE	81	26
		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 11	OF 12 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



 HOT-MIX ASPHALT SURFACE
REMOVAL, BUTT JOINT

MODEL: Plan12 [Sheet]
FILE NAME: c:\pw_work\pw\collund\dd099830\D74D06-shh-plan.dgn

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		CHECKED	-	REVISED	-
PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: SHEET 12 OF 12 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	27
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				

S.P.	PAY ITEM	DESCRIPTION	UNIT	QUANTITY
	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
	81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	442
	81603040	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	3,554
	81603070	UNIT DUCT, 600V, 2-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	4,052
	81702160	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	FOOT	150
	82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	18
	82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1
	83060830	LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., TENON MOUNT	EACH	14
	83060835	LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., TENON MOUNT-TWIN	EACH	2
	83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6"	EACH	16
	83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	64
	84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	16
	84200804	REMOVAL OF POLE FOUNDATION	EACH	16
	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1
	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1
*	X8210402	LUMINAIRE MOUNTING BRACKET - SPECIAL	EACH	16

* INDICATES SPECIAL PROVISION

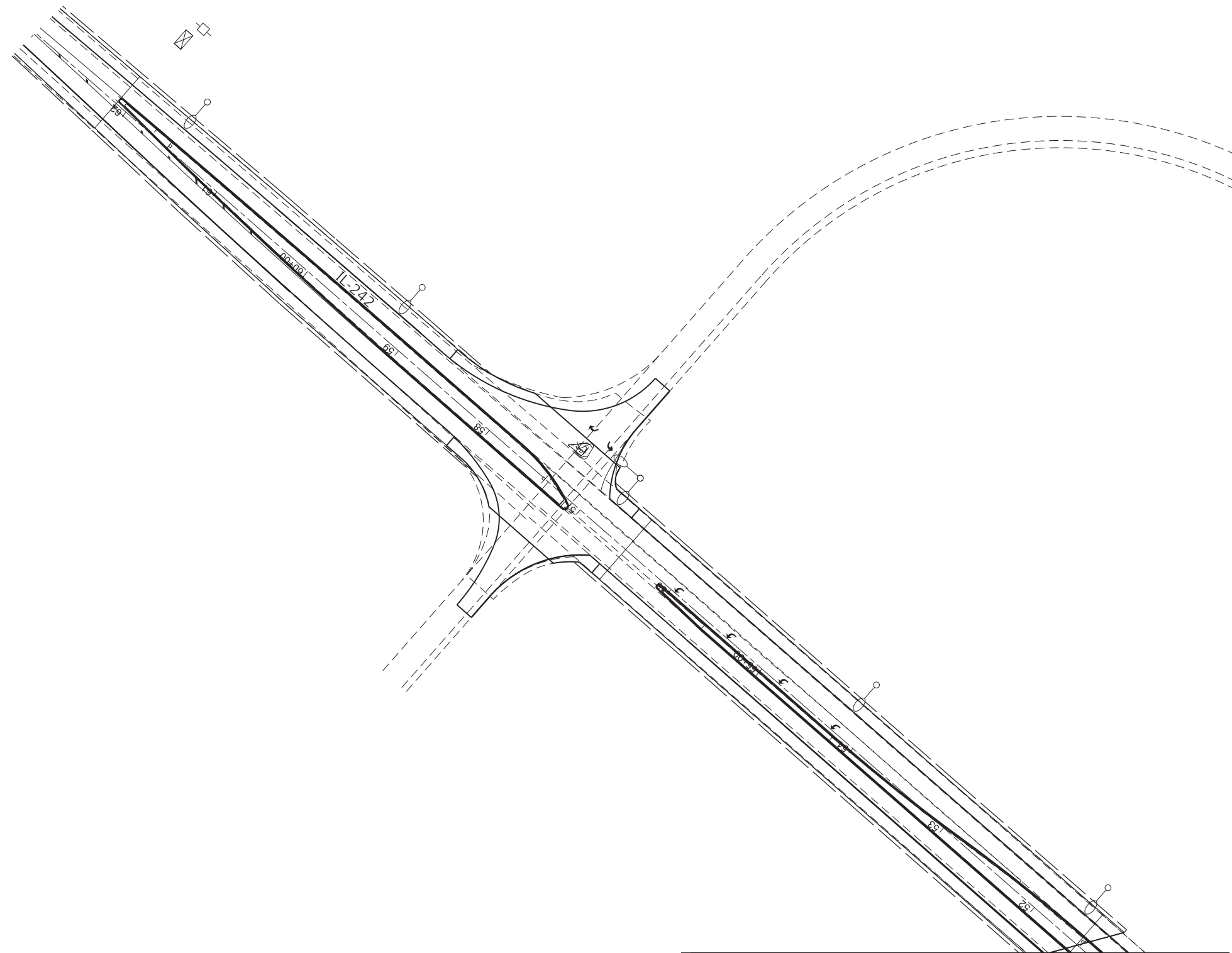
821101-03 LUMINAIRE WIRING IN POLE
825011-04 LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
830021-04 LIGHT POLE STEEL TENON TOP
836001-05 LIGHT POLE FOUNDATION
838001-01 BREAKAWAY DEVICES

L-1 SUMMARY OF QUANTITIES AND INDEX OF SHEETS
L-2 TO L-5 REMOVAL LIGHTING PLANS
L-6 TO L-9 PROPOSED LIGHTING PLANS
L-10 WIRING DIAGRAM AND LUMINAIRE PERFORMANCE TABLE



 EXISTING LIGHTING CONTROLLER TO BE REMOVED
 EXISTING ELECTRIC SERVICE TO BE REMOVED
 EXISTING LIGHTING UNIT AND FOUNDATION TO BE REMOVED

1. THE EXISTING LIGHTING SYSTEM SHALL REMAIN IN OPERATION UNTIL THE PROPOSED LIGHTING SYSTEM IS FULLY OPERATIONAL.

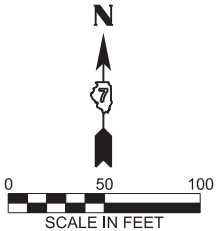


L-2

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	29
		CONTRACT NO. 74D06		
		ILLINOIS	FED. AID PROJECT	

(101, 102) RS-2, (96-2)BDR, BJR

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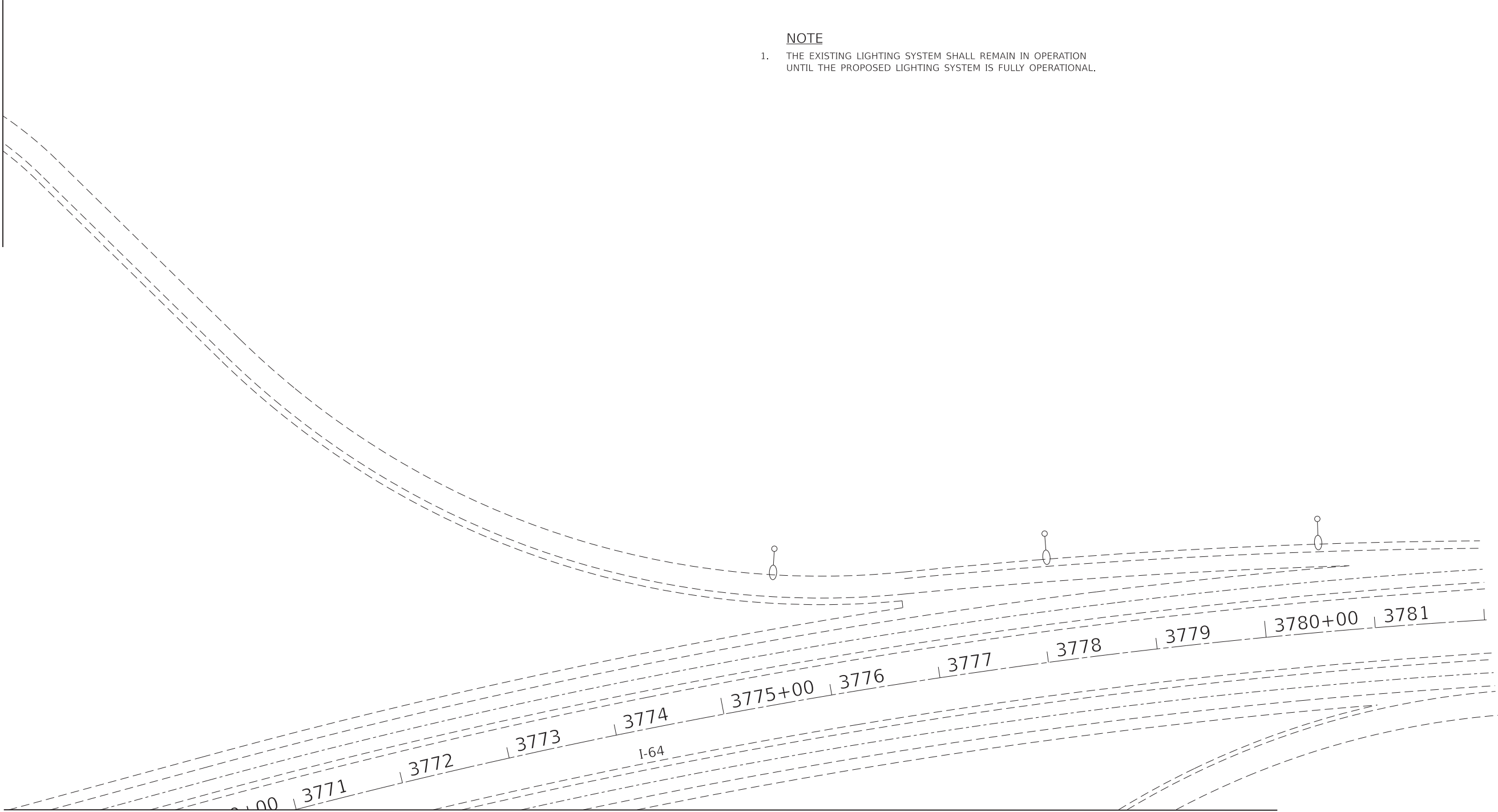
LEGEND

○—○ EXISTING LIGHTING UNIT AND FOUNDATION TO BE REMOVED

NOTE

1. THE EXISTING LIGHTING SYSTEM SHALL REMAIN IN OPERATION UNTIL THE PROPOSED LIGHTING SYSTEM IS FULLY OPERATIONAL.

MATCHLINE "A"
SEE SHEET L-2



MATCHLINE "D"
SEE SHEET L-5

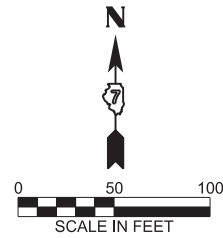
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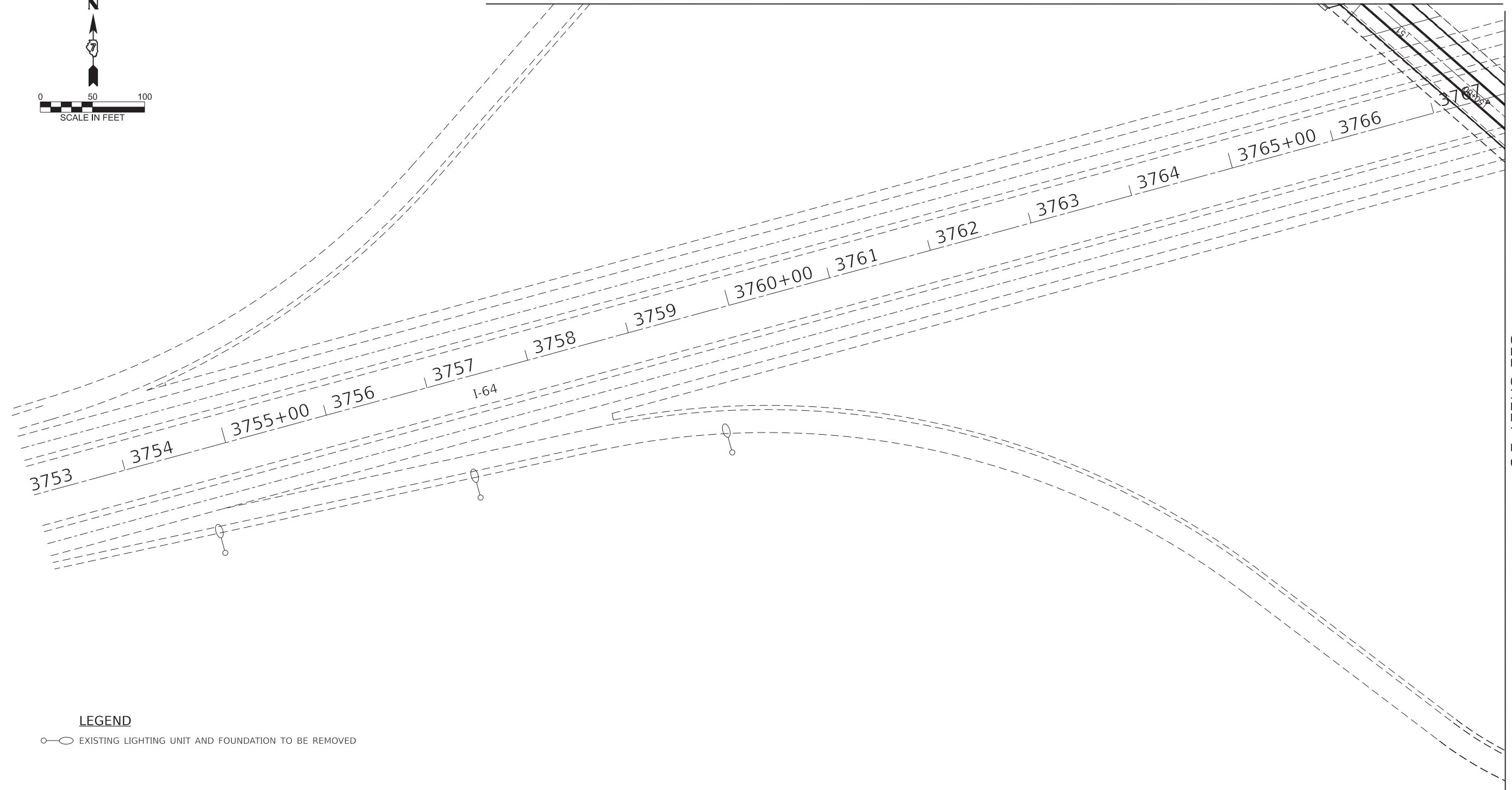
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-64 AND IL-242 INTERCHANGE REMOVAL LIGHTING PLAN			
SCALE: 1"=50'	SHEET 2	OF 4	SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	30
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2) BDR, BJR				



MATCHLINE "B"
SEE SHEET L-2



MATCHLINE "C"
SEE SHEET L-5

LEGEND

 EXISTING LIGHTING UNIT AND FOUNDATION TO BE REMOVED

NOTE

1. THE EXISTING LIGHTING SYSTEM SHALL REMAIN IN OPERATION UNTIL THE PROPOSED LIGHTING SYSTEM IS FULLY OPERATIONAL.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-64 AND IL-242 INTERCHANGE
REMOVAL LIGHTING PLAN**

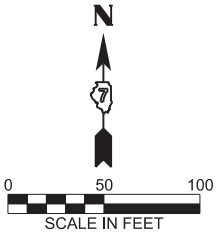
SCALE: 1"=50' SHEET 3 OF 40 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	31
CONTRACT NO. 74D06				

ILLINOIS FED. AID PROJECT
(101, 102) RS-2, (96-2) BDR, BJR

MODEL: Removal Lighting-3 (Sheet)
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MATCHLINE "D"
SEE SHEET L-3



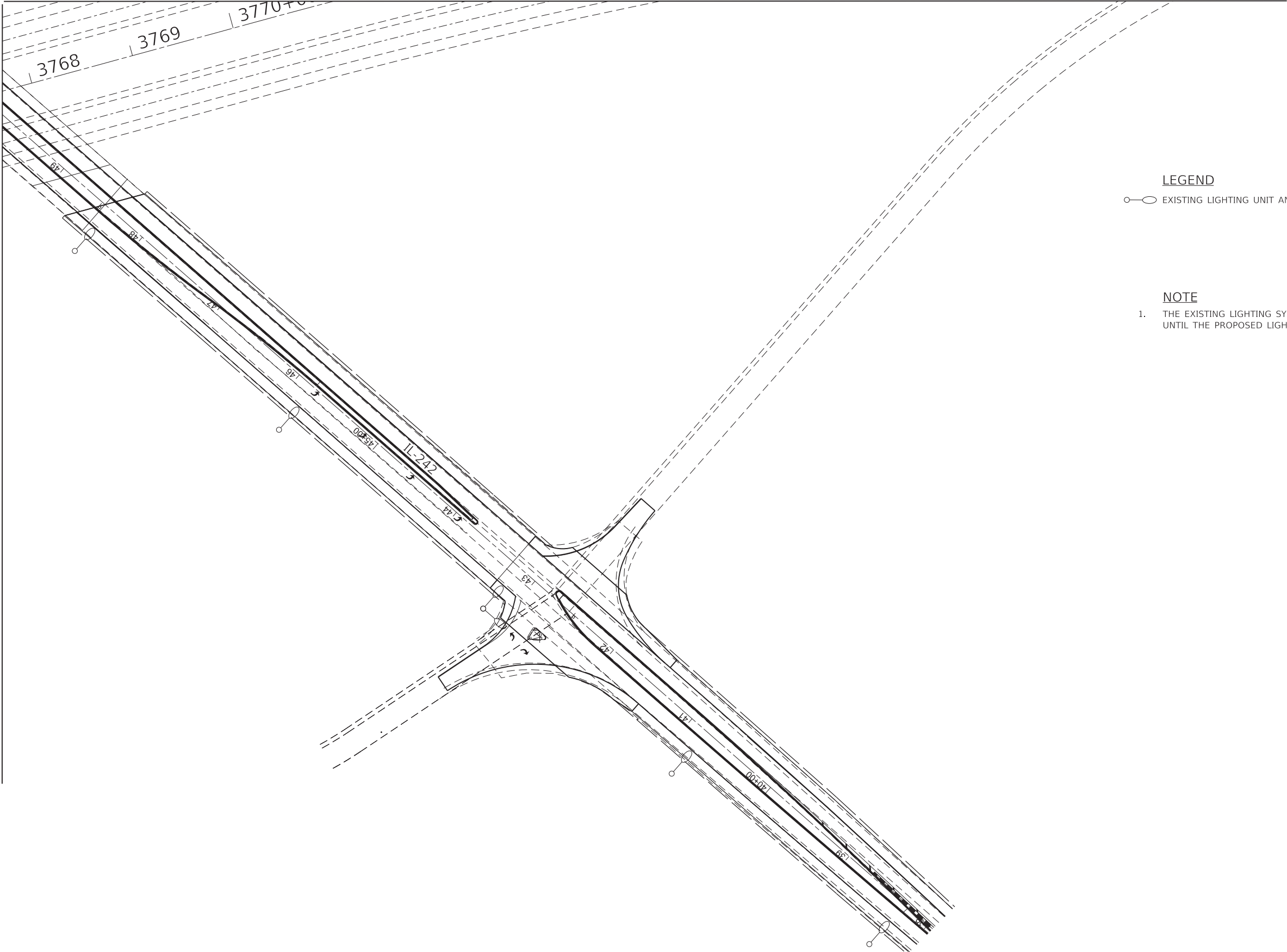
LEGEND

○ EXISTING LIGHTING UNIT AND FOUNDATION TO BE REMOVED

NOTE

1. THE EXISTING LIGHTING SYSTEM SHALL REMAIN IN OPERATION UNTIL THE PROPOSED LIGHTING SYSTEM IS FULLY OPERATIONAL.

MATCHLINE "C"
SEE SHEET L-4



MODEL: Removal Lighting-4 (Sheet)
FILE NAME: c:\paw_work\paw\lund\lud099830\ID74D06-ah-Removal Lighting.dgn

USER NAME	= levi.lund	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

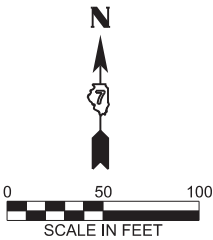
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-64 AND IL-242 INTERCHANGE
REMOVAL LIGHTING PLAN

SCALE: 1"=50' SHEET 4 OF 40 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	32
CONTRACT NO. 74D06				

ILLINOIS | FED. AID PROJECT
(101, 102) RS-2, (96-2) BDR, BJR



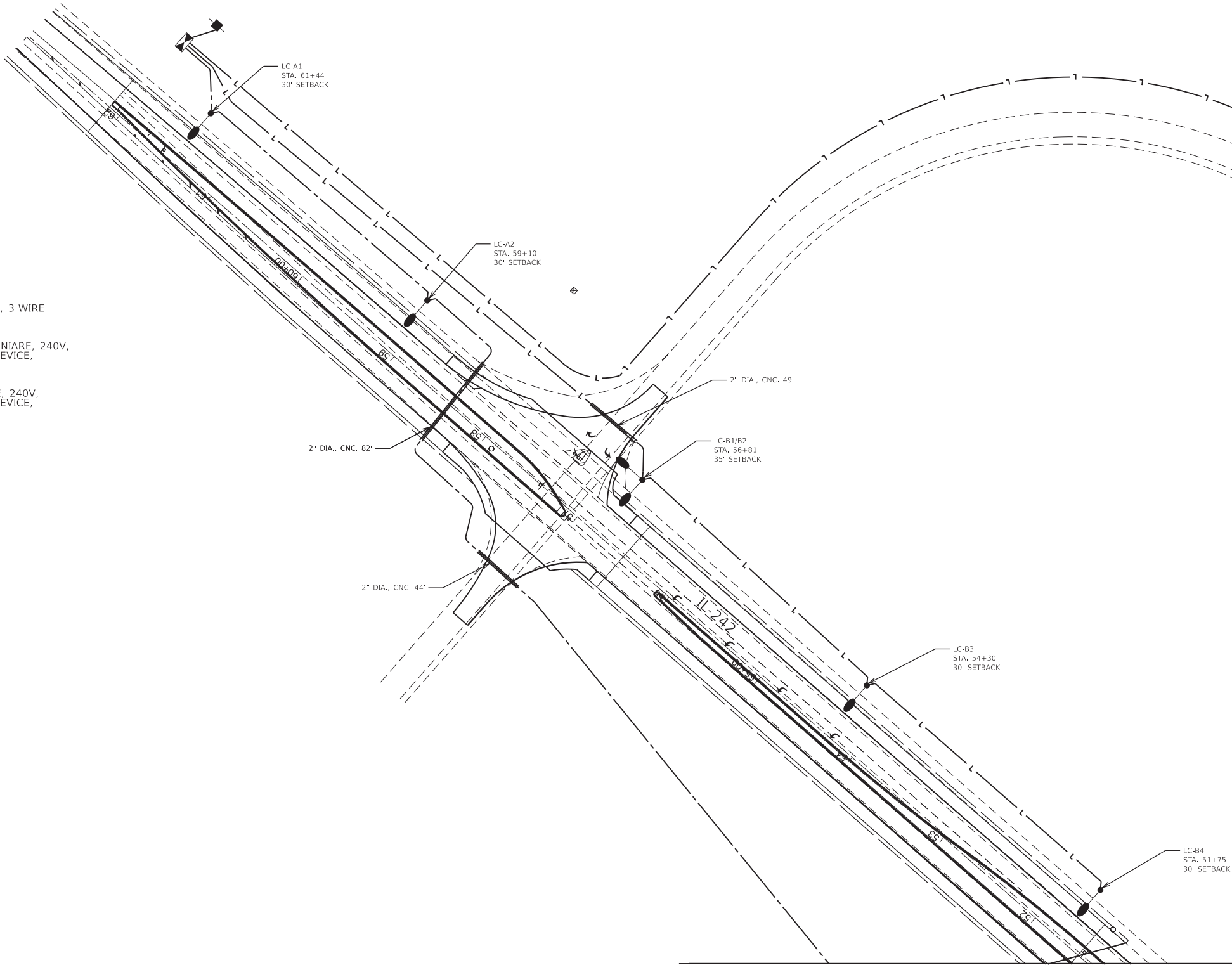
MATCHLINE "A"
SEE SHEET L-7

LEGEND

- PROPOSED LIGHTING CONTROLLER, 'LC' PEDESTAL MOUNTED, 240VOLT, 60AMP, 1-PHASE, 3-WIRE
- PROPOSED ELECTRIC SERVICE INSTALLATION
- PROPOSED LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., TENON MOUNT-TWIN LED LUMINIARE, 240V, ON LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6' WITH BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN
- PROPOSED LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., TENON MOUNT LED LUMINIARE, 240V, ON LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6' WITH BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN
- PROPOSED UNIT DUCT, 600V, 2-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
- PROPOSED UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- PROPOSED UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.
- ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 1/0

NOTES

- PROPOSED LIGHTING CONTROLLER SHALL BE INSTALLED 5' FROM THE EXISITING LIGHTING CONTROLLER.
- ALL SETBACKS SHOWN ARE FROM EDGE OF PAVEMENT TO CENTER OF LIGHT POLES.

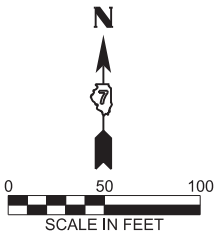


MATCHLINE "B"
SEE SHEET L-8

L-6

MODEL: Proposed Lighting-1 [Sheet]
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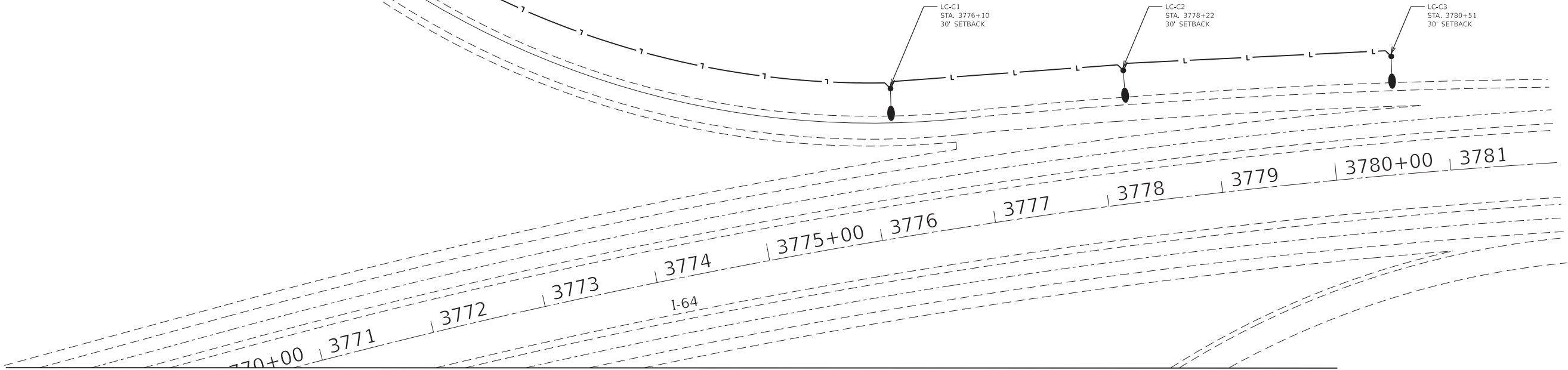
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		DRAWN -	REVISED -						776	*	WAYNE	81	33	
		CHECKED -	REVISED -						CONTRACT NO. 74D06					
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE: 1"=50'		SHEET 6	OF 40 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



MATCHLINE "A"
SEE SHEET L-6

- LEGEND**
- PROPOSED LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., TENON MOUNT LED LUMINIAIRE, 240V, ON LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6" WITH BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN
 - L — PROPOSED UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE

- NOTE**
- ALL SETBACKS SHOWN ARE FROM EDGE OF PAVEMENT TO CENTER OF LIGHT POLES.



MATCHLINE "D"
SEE SHEET L-9

MODEL: Proposed Lighting-2 [Sheet]
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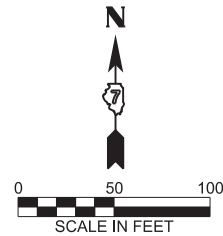
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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

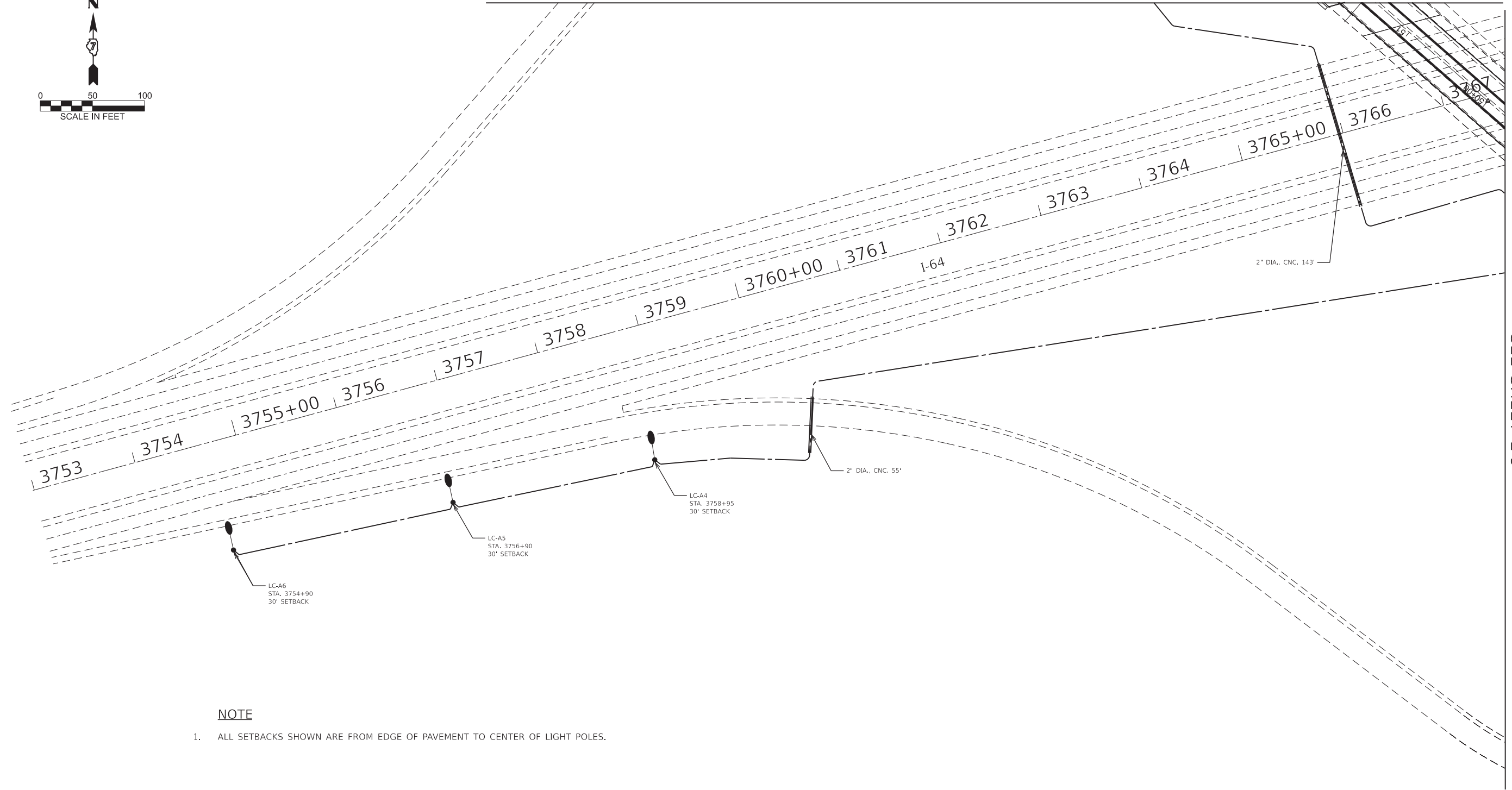
I-64 AND IL-242 INTERCHANGE PROPOSED LIGHTING PLAN			
SCALE: 1"=50'	SHEET 7	OF 40 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	34
CONTRACT NO. 74D06				

ILLINOIS FED. AID PROJECT
(101, 102) RS-2, (96-2) BDR, BJR



MATCHLINE "B"
SEE SHEET L-6



MATCHLINE "C"
SEE SHEET L-9

NOTE

1. ALL SETBACKS SHOWN ARE FROM EDGE OF PAVEMENT TO CENTER OF LIGHT POLES.

LEGEND

- PROPOSED LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., TENON MOUNT LED LUMINIARE, 240V, ON LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6" WITH BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN
- PROPOSED UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- === PROPOSED UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-64 AND IL-242 INTERCHANGE
PROPOSED LIGHTING PLAN

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	35
CONTRACT NO. 74D06				

ILLINOIS FED. AID PROJECT
(101, 102) RS-2, (96-2) BDR, BJR

MODEL: Proposed Lighting-3 (Sheet)
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
PLOT DATE	= 6/24/2026	DATE -	REVISED -

SCALE: 1"=50' SHEET 8 OF 40 SHEETS STA. TO STA.

3768 3769 3770

LC-A7
STA. 45+70
30' SETBACK

LC-A8/A9
STA. 43+20
35' SETBACK

2" DIA., CNC. 69' —

LC-A10
STA. 40+90
30' SETBACK

LC-A11
STA. 38+40
30' SETBACK

1. ALL SETBACKS SHOWN ARE FROM EDGE OF PAVEMENT TO CENTER OF LIGHT POLES.

 PROPOSED LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., TENON MOUNT LED LUMINIAIRE, 240V, ON LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6" WITH BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN

 PROPOSED LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., TENON MOUNT-TWIN LED LUMINIAIRE, 240V, ON LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6" WITH BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN

 PROPOSED UNDER-DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE

 PROPOSED UNDER-GROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.

SCALE: 1"=50'

SHEET 9

OF

40 SHEETS

STA.

TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	36
		CONTRACT NO. 74D06		

(101, 102) RS-2, (96-2)BDR, BJR

MODEL: Proposed Lighting-4 [Sheet]
FILE NAME: c:\pw_work\pwwd\l\und\j\d0999830\ID774D06-sht-ProposedLighting.dgn

NOTE:

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

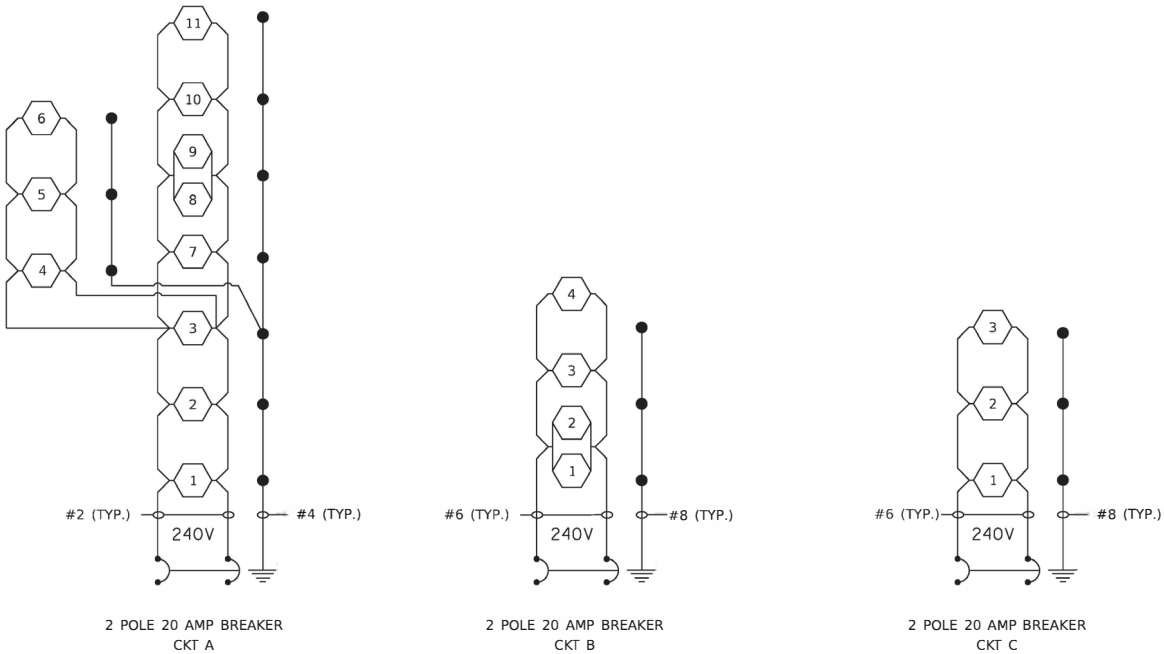
LEGEND:



ROADWAY LUMINAIRE, LED.
INDICATES POLE IDENTIFIER



GROUND ROD



I-64 AND IL-242 INTERCHANGE

PROPOSED LIGHTING CONTROLLER, 'LC'
PEDESTAL MOUNTED, 240VOLT, 60AMP



Illinois Department
of Transportation

Luminaire Performance Table

Project

Date	Contract Number	Section Number	County
4/28/26	7406	(101, 102) RS-2	Wayne

Marked Route Number	Municipality
776	Wyberry

Roadway

Lane Width (see note 4)	Number and Direction of Lanes	Median Width	Surface Classification	Q-Zero Value
12FT.	3 Lanes 1 Direction Only	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back (see note 1)	Number of Luminaries
45FT.	1FT.	15FT.	N/A

Luminaire

Description	Transverse Distribution	Lateral Distribution
LED, Roadway, Output Designation H	Type III	Short

Total Light Loss Factor (LLF)	B-U-G Rating	Shields	Dimming Protocol
Refer to Notes 6 and 7	U=0	N/A	010V

Layout

Spacing	Configuration
210FT.	Single Sided

Performance (see notes 5 and 6)

Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}
≥ 0.8	$\leq 3.0:1$

Average Luminance, L_{AVE} (cd/m ²)	Uniformity Ratio, L_{AVE}/L_{MIN}	Uniformity Ratio, L_{MAX}/L_{MIN}	Veiling Luminance Ratio, L_v/L_{AVE}
≥ 0.6	$\leq 3.5: 1$	$\leq 6.0: 1$	$\leq 0.3: 1$

Light Tresspass (see notes 5 and 7)

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

Notes

- Set-Back is from Edge of Pavement (white line).
- Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to the roadway.
- Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.
- Lane width is the width of each **individual** lane, not to be confused with total roadway width.
- Compliance with performance criteria shall be held to one significant digit.
- Photometric calculations for roadways shall be performed with a total light loss factor of 0.7
- Light trespass calculations shall be performed with a total light loss factor of 1.0 and with horizontal calculations performed at grade and vertical calculations performed with calculation points located three feet above grade.
- Luminaire performance table is intended to define the luminaire and does not necessarily match any specific roadway geometry, mounting height, setback, or arm length.

Printed 04/28/26

BDE 5630 (Rev. 06/06/24)

REV - MS

MODEL: Wiring Diagram and LPT (Sheet)
FILE NAME: c:\pw\work\pw\mohammed.hyder@illinois.gov\d098830D774D06-ah-WiringDiagram.dgn

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/29/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-64 AND IL-242 INTERCHANGE
WIRING DIAGRAM AND LUMINAIRE PERFORMANCE TABLE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	(101, 102) RS-2	WAYNE	81	37
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				

MODEL: 050 Plan (Sheet)
FILE NAME: c:\paw_work\paw\ctolund\dd099830\0774D06-ahh-CR050.dgn

POINT NO	STATION	OFFSET	ELEVATION
1	100+00.00	36.2' LT	448.96
2	100+12.81	0.0	451.54
3	100+28.35	46.8' RT	448.96
4	100+30.94	23.2' RT	451.00
5	100+22.79	0.0	451.37
6	100+17.77	14.3' LT	451.15
7	100+10.77	34.2' LT	MATCH EXISTING
8	100+26.56	17.8' LT	MATCH EXISTING
9	100+29.50	9.4' LT	451.02
10	100+32.80	0.0	451.17
11	100+38.01	14.8' RT	450.94
12	100+46.99	40.3' RT	MATCH EXISTING
13	100+53.74	31.0' RT	MATCH EXISTING
14	100+46.34	10.0' RT	450.81
15	100+42.83	0.0	450.97
16	100+39.63	9.1' LT	450.83
17	100+37.09	16.3' LT	MATCH EXISTING
18	100+42.88	11.2' LT	450.48
19	100+54.04	0.0	450.72
20	100+56.85	8.0' RT	450.59
21	100+61.29	20.6' RT	MATCH EXISTING
22	100+66.23	14.5' RT	MATCH EXISTING
23	100+66.23	8.0' RT	448.65
24	100+66.23	0.0	450.35
25	100+66.23	12.3' LT	450.17

POINT NO	STATION	OFFSET	ELEVATION	POINT NO	STATION	OFFSET	ELEVATION
36	100+96.00	17.6' LT	MATCH EXISTING	56	200+20.00	14.0' RT	MATCH EXISTING
37	100+96.00	8.0' LT	449.07	57	200+20.00	8.3' RT	450.00
38	100+96.00	0.0	449.19	58	200+20.00	0.0	450.12
39	100+96.00	8.0' RT	449.07	59	200+20.00	8.0' LT	450.00
40	100+96.00	14.5' RT	MATCH EXISTING	60	200+20.00	15.2' LT	MATCH EXISTING
41	101+06.00	14.5' RT	MATCH EXISTING	61	200+30.00	15.1' LT	MATCH EXISTING
42	101+06.00	8.0' RT	448.73	62	200+30.00	8.0' LT	449.73
43	101+06.00	0.0	448.85	63	200+30.00	0.0	449.85
44	101+06.00	8.0' LT	448.73	64	200+30.00	8.0' RT	449.73
45	101+06.00	17.4' LT	MATCH EXISTING	65	200+30.00	14.1' RT	MATCH EXISTING
46	101+16.00	17.3' LT	MATCH EXISTING	66	200+40.00	14.1' RT	MATCH EXISTING
47	101+16.00	8.0' LT	448.40	67	200+40.00	8.0' RT	449.41
48	101+16.00	0.0	448.64	68	200+40.00	0.0	449.65
49	101+16.00	8.0' RT	448.40	69	200+40.00	8.0' LT	449.41
50	101+16.00	14.5' RT	MATCH EXISTING	70	200+40.00	15.1' LT	MATCH EXISTING
51	101+26.00	14.5' RT	MATCH EXISTING	71	200+50.00	8.0' LT	MATCH EXISTING
52	101+26.00	8.0' RT	MATCH EXISTING	72	200+50.00	8.0' LT	MATCH EXISTING
53	101+26.00	0.0	MATCH EXISTING	73	200+50.00	0.0	MATCH EXISTING
54	101+26.00	8.0' LT	MATCH EXISTING	74	200+50.00	8.0' RT	MATCH EXISTING
55	101+26.00	17.1' LT	MATCH EXISTING	75	200+50.00	14.2' RT	MATCH EXISTING

POINT NO	STATION	OFFSET	ELEVATION
26	100+76.00	18.0' LT	MATCH EXISTING
27	100+76.00	8.0' LT	449.87
28	100+76.00	0.0	449.99
29	100+76.00	8.0' RT	449.87
30	100+76.00	14.5' RT	MATCH EXISTING
31	100+86.00	14.5' RT	MATCH EXISTING
32	100+86.00	8.0' RT	449.47
33	100+86.00	0.0	449.59
34	100+86.00	8.0' LT	449.47
35	100+86.00	17.8' LT	MATCH EXISTING



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PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

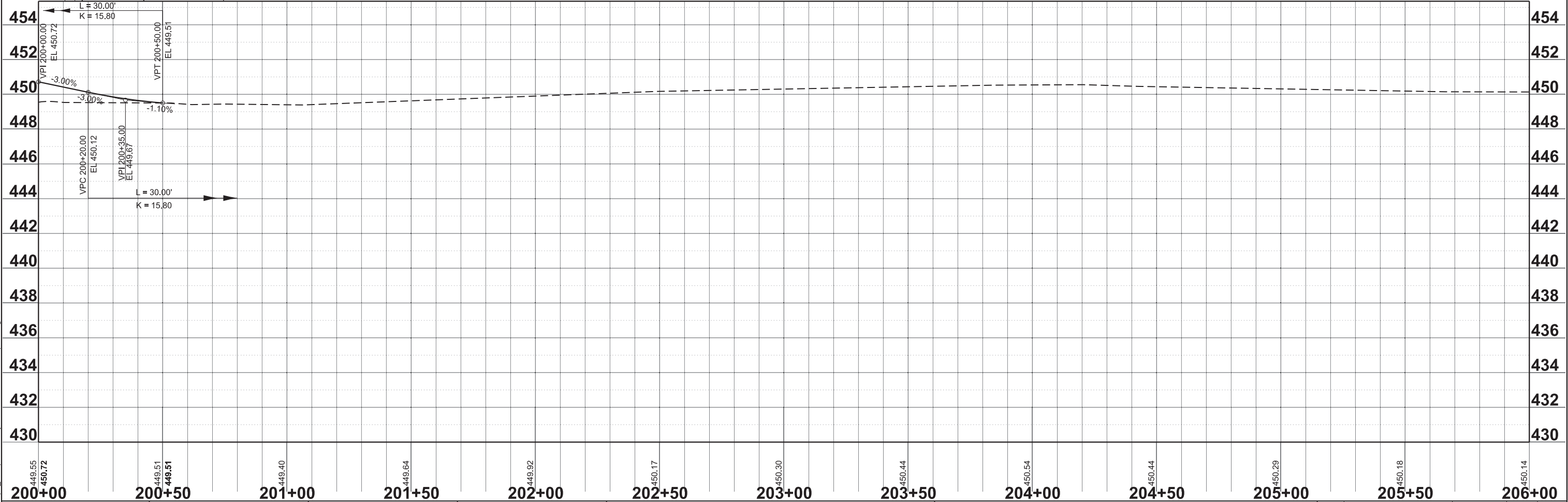
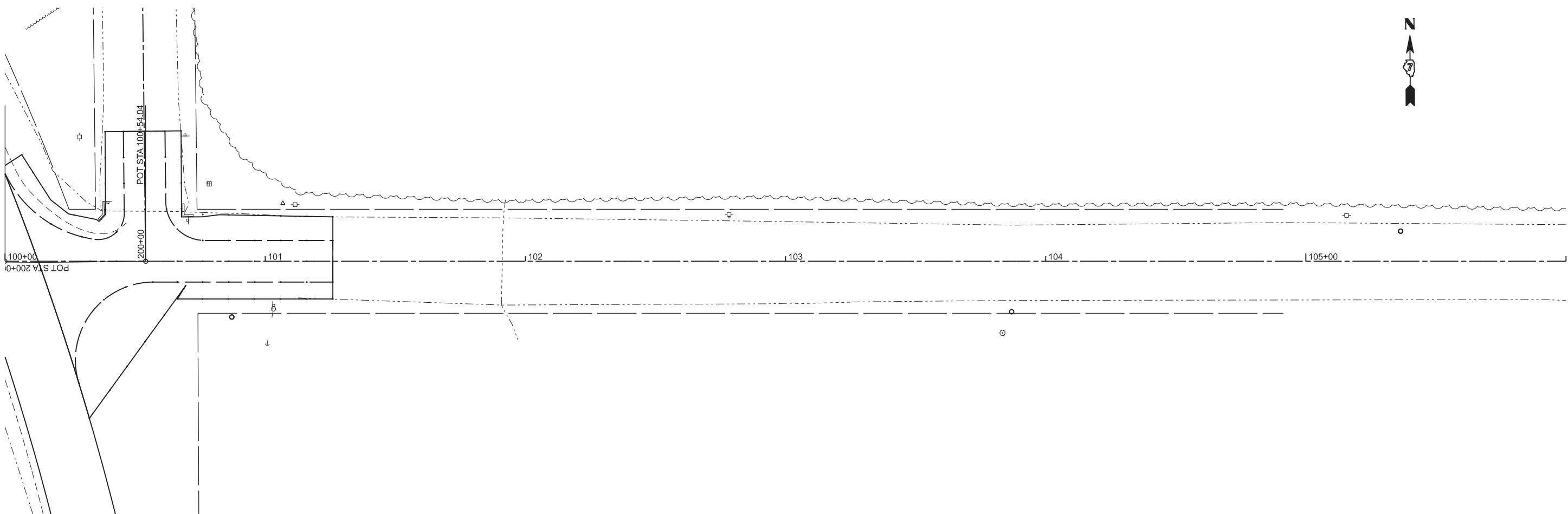
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776	*	WAYNE	81	38
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				

(101, 102) RS-2, (96-2) BDR, BJR





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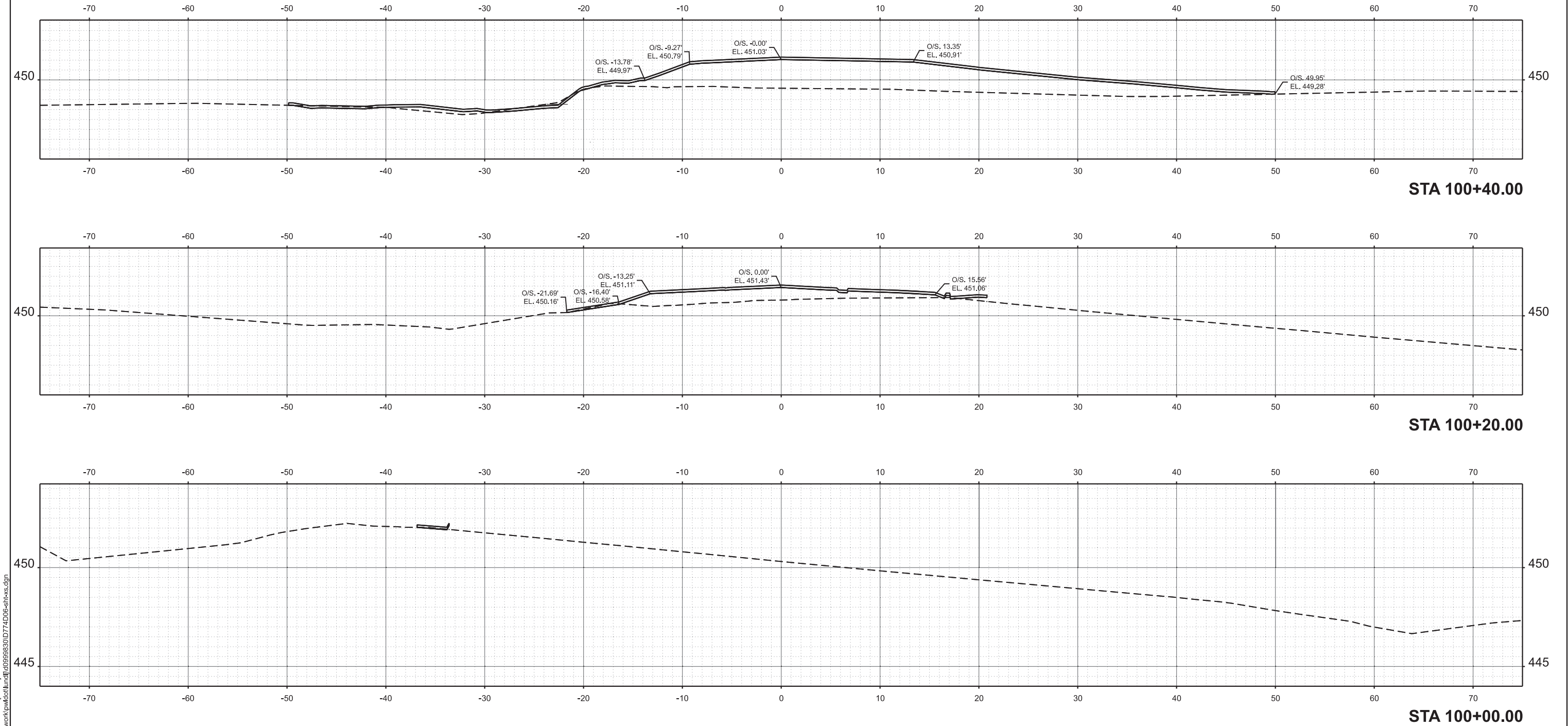
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CR 900 PROFILE IMPROVEMENTS			
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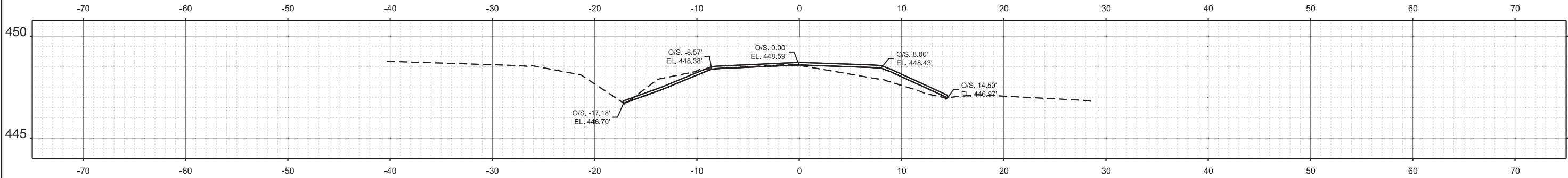
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CONTRACT NO. 74D06				

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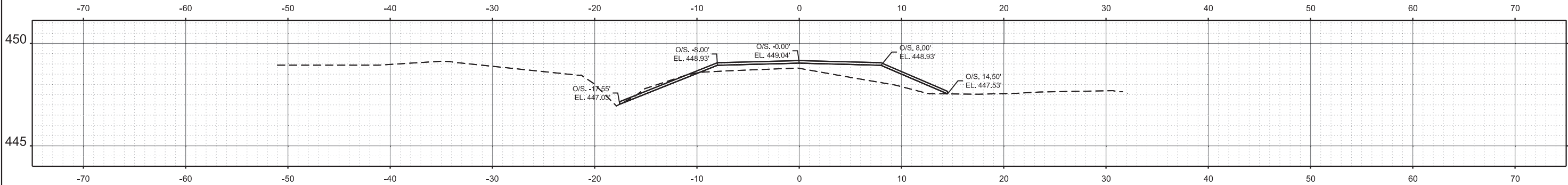


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		CHECKED -	REVISED -					CONTRACT NO. 74D06				
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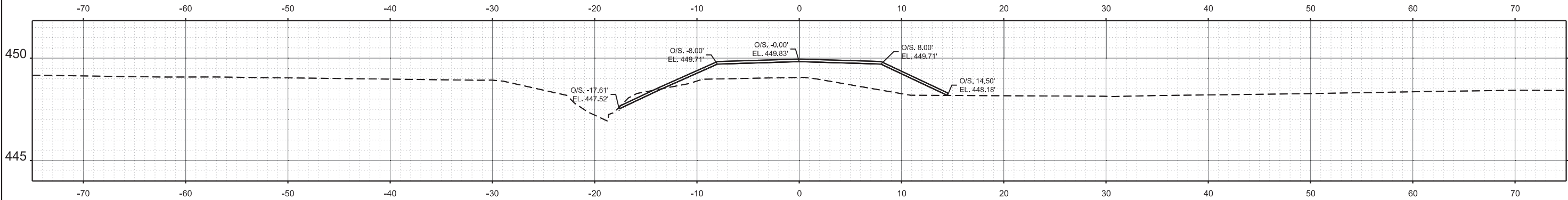
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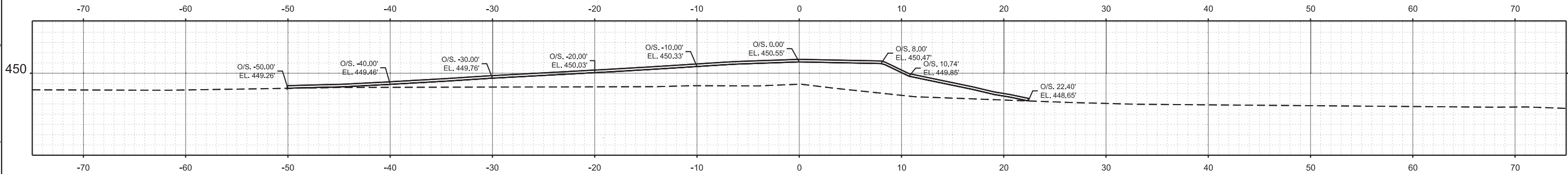
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STA 101+00.00



STA 100+80.00



STA 100+60.00

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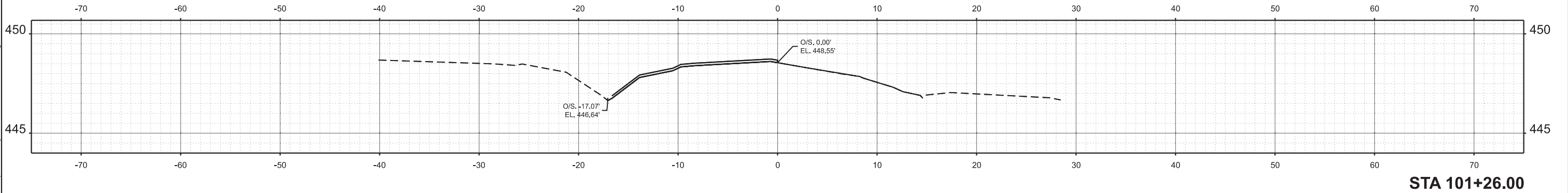
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CR 050 PROFILE IMPROVEMENT CROSS SECTIONS

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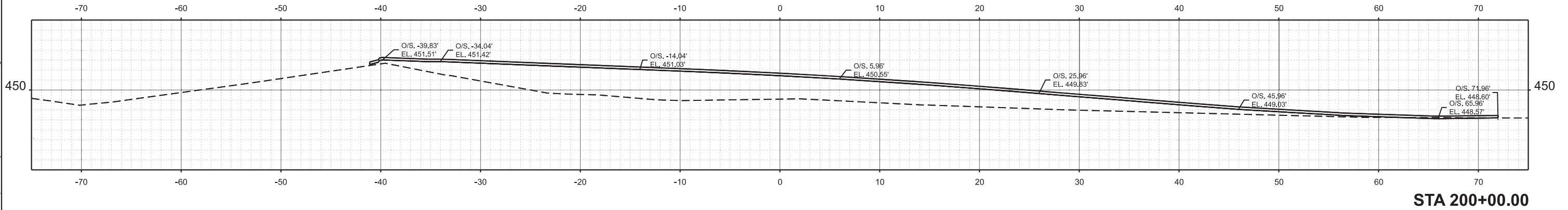
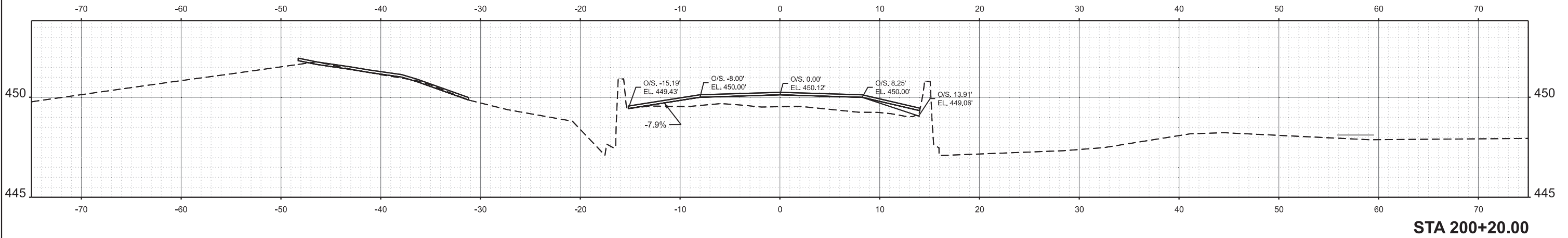
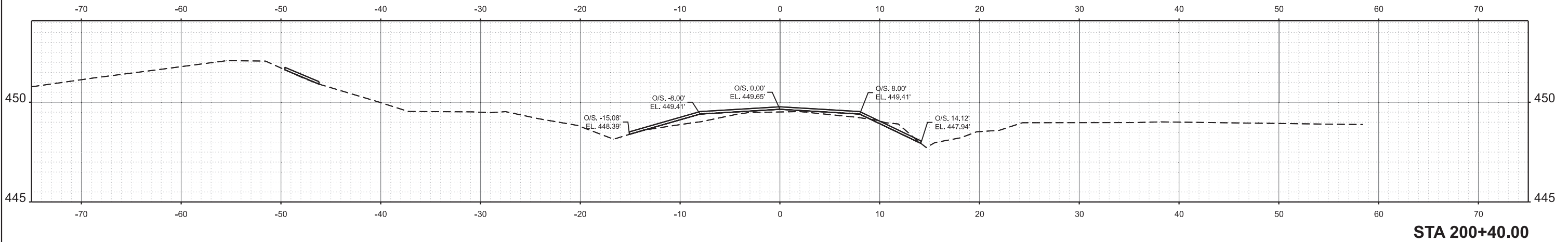
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CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2)BDR, BJR				

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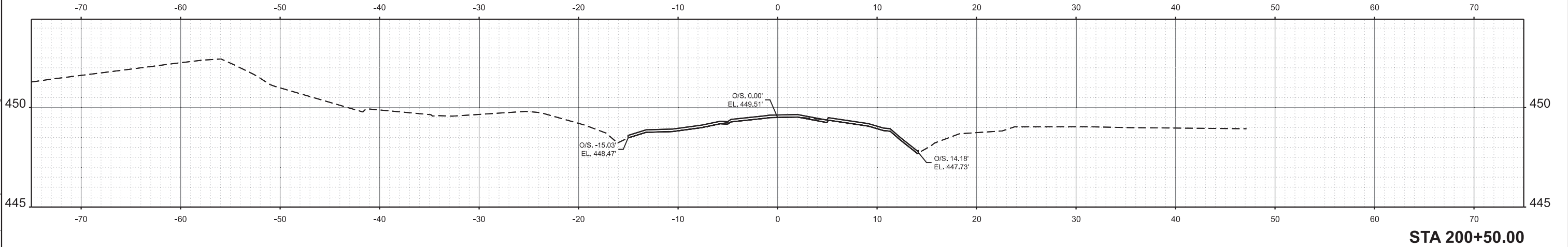
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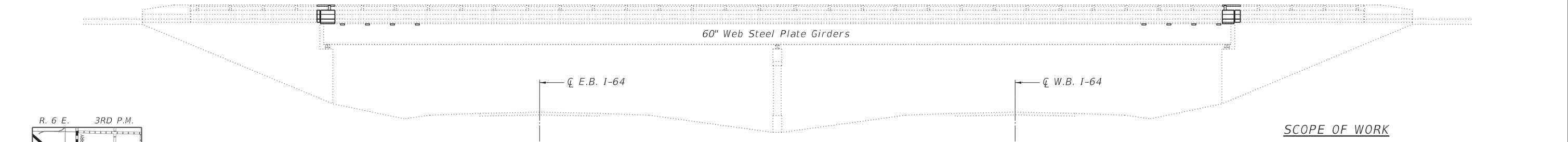
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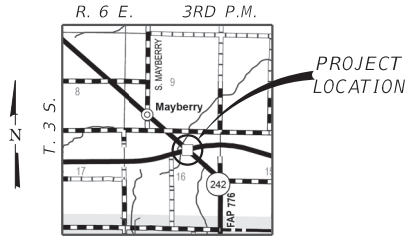
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EXISTING STRUCTURE:

SN 096-0032 carries IL Rte. 242 over FAI 64.
The two span steel girder structure with vaulted
concrete abutments was built in 1967. The existing
microsilica overlay was installed in 2002.



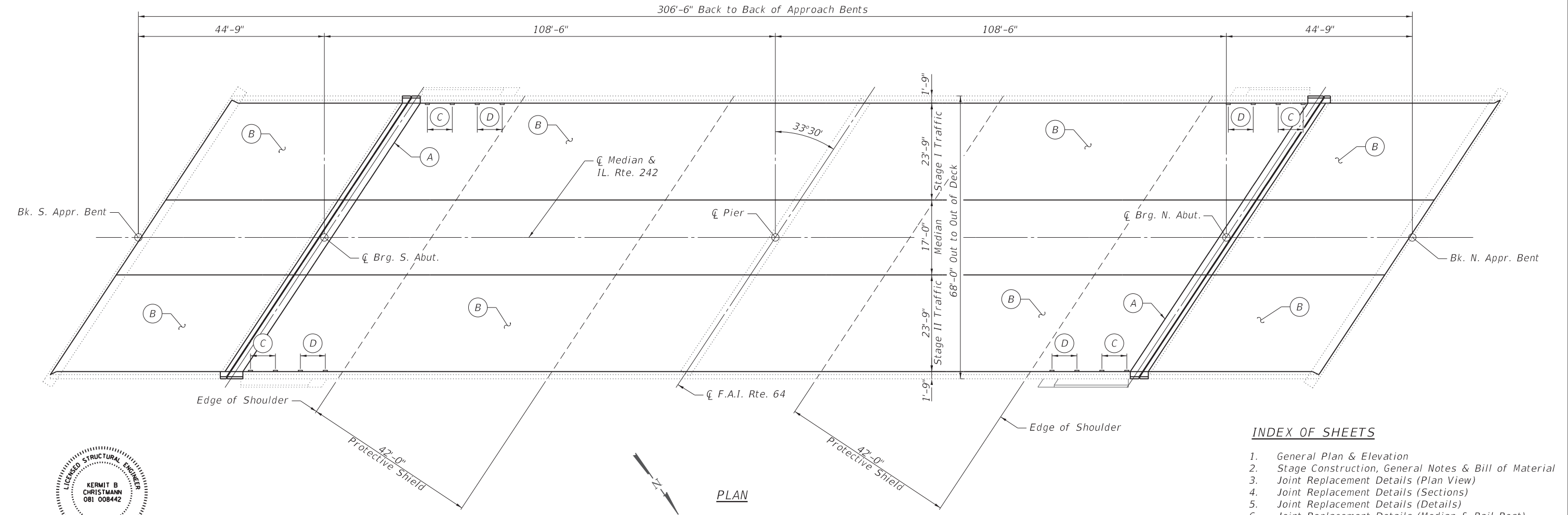
ELEVATION



LOCATION SKETCH

SCOPE OF WORK

1. Bridge Deck Scarification
2. Full and partial depth deck patching and parapet concrete repairs
3. Remove plugged deck drains and replace in service deck drains
4. Raised median repairs and patching
5. Replace expansion joints with new strip seal assemblies
6. Place concrete overlay
7. Raise crash wall of pier
8. Substructure concrete repair



PLAN

INDEX OF SHEETS

1. General Plan & Elevation
2. Stage Construction, General Notes & Bill of Material
3. Joint Replacement Details (Plan View)
4. Joint Replacement Details (Sections)
5. Joint Replacement Details (Details)
6. Joint Replacement Details (Median & Rail Post)
7. Preformed Joint Strip Seal
8. Deck Drain Replacment Details
9. Bridge Deck Patching Plan & Details
10. Bridge Deck Patching Plan & Details
11. Concrete Repairs - South Abutment
12. Concrete Repairs - North Abutment
13. Crash Wall Modifications
14. Bar Splicer Assembly and Mechanical Splicer Details



Kermit B Christmann

DATE: 6/24/2026
EXPIRATION: 11/30/2026

- (A) Remove Existing Joints and Construct Strip Seal Expansion Joint.
(B) Bridge Deck Scarification 1 1/2", Deck Patching, Bridge Deck Fly Ash or GGBF Slag Concrete Overlay 2 3/4", Diamond Grinding (Bridge Section), & Bridge Deck Grooving (Longitudinal).
(C) Remove Plugged Deck Drains
(D) Remove and Replace Existing Deck Drains.

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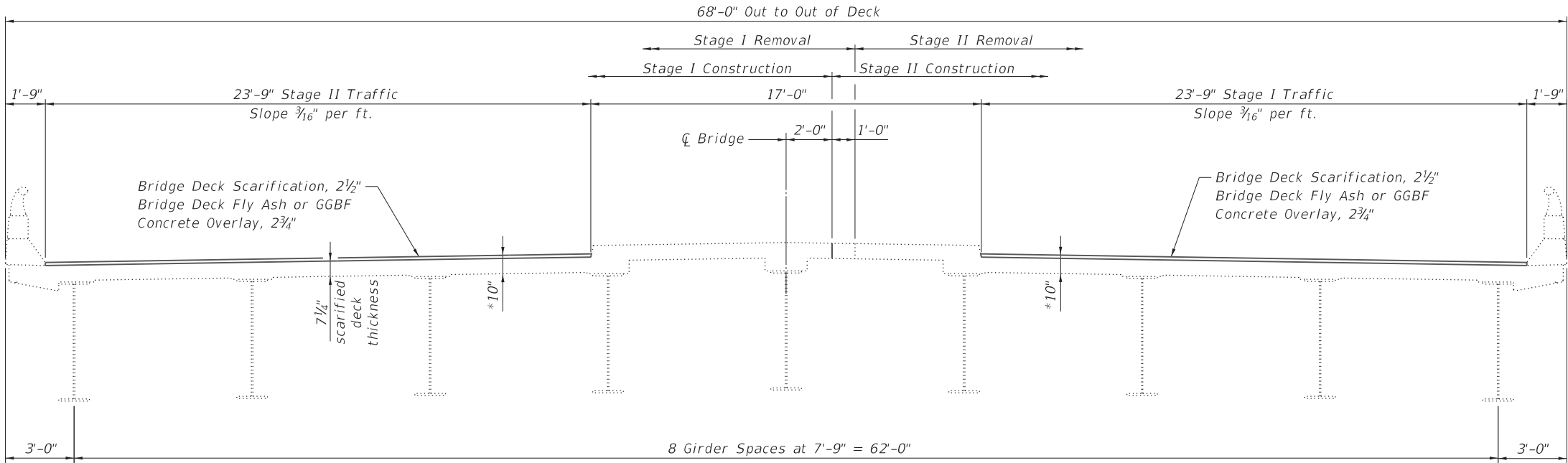
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
S.N. 096-0032

SCALE: SHEET 1 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(101,102)RS-2,(96-2)BDR,BJR	WAYNE	81	46
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				



STAGE CONSTRUCTION DETAIL
(Looking Southeast)

* Thickness is prior to grinding.

GENERAL NOTES

Plan dimensions and details relative to the existing structure have been taken from existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Reinforcement Bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal operations shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.

Removal and reinstallation of the railing sections and support posts at both abutments will be necessary for construction of the expansion joints. The existing railing sections and support posts shall be reused. New bolts, shim plates and post support anchor assemblies, as detailed in the plans, are to be provided and installed for the replacement of the railing sections. This work and all materials shall be included in the contract unit price for Concrete Superstructure.

Protective Coat to be applied to areas of new concrete only, including bridge deck concrete overlay, curb repair and structural repair of abutments.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose detrimental foreign material shall be removed from the surfaces in contact with concrete(SSPC – SP3 standards). Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be paid for according to Article 109.04 of the Standard Specifications.

Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on as-built plans.

Full depth deck slab repairs performed in the exterior bays of the bridge deck (between the parapet walls and the first interior beams) shall be limited to individual lengths no greater than 10'. In these portions of the deck, repair areas longer than 10' shall be divided into segments not greater than 10' in length, and the segments shall be poured in alternating sequence. Subsequent segments repaired in sequence shall not be removed until 72 hours shall have elapsed from the end of the previous adjacent pour, and the adjacent pour shall have attained a minimum modulus of rupture of 650 psi.

It is anticipated that a full depth deck slab repair will be necessary at each existing floor drain location. Removal and disposal of the existing floor drains shall be included in the contract unit price for Deck Slab Repair (Full Depth, Type 1).

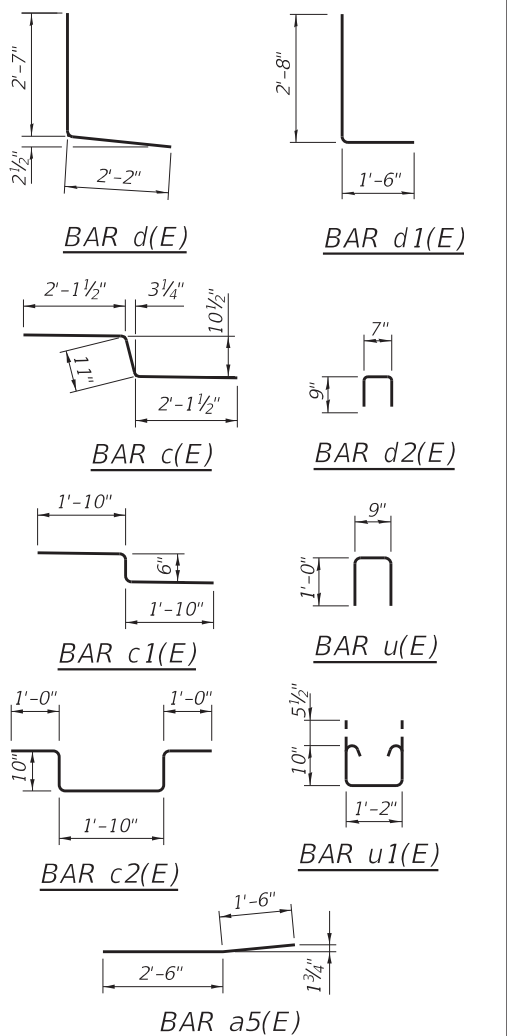
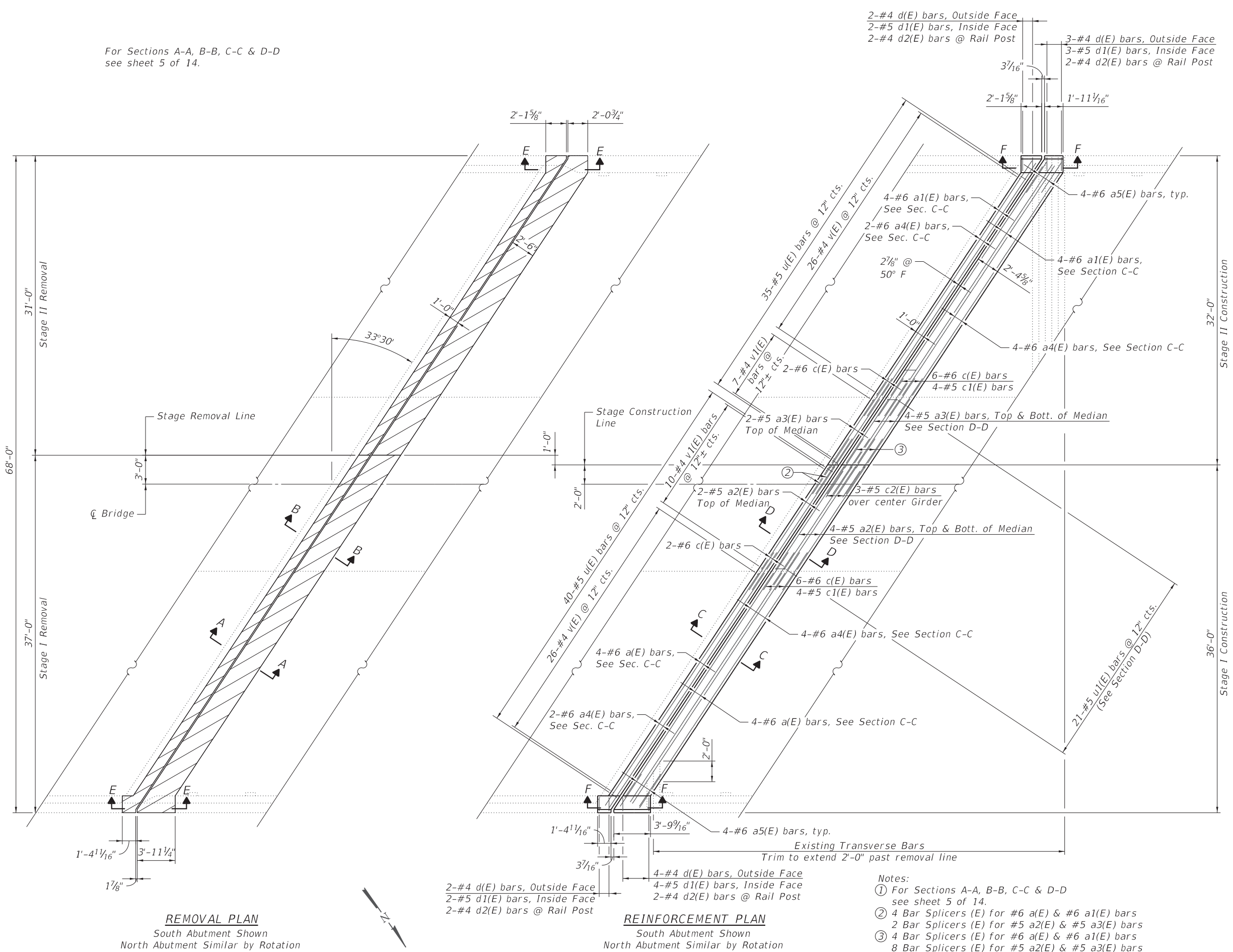
Synthetic fibers to be included in the concrete overlay. Cost included with Bridge Deck Fly Ash or GGBF Slag Concrete Overlay.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu Yd	38.7
Protective Shield	Sq Yd	761
Floor Drains	Each	8
Concrete Structures	Cu Yd	8.0
Concrete Superstructure	Cu Yd	38.6
Protective Coat	Sq Yd	1,608
Reinforcement Bars, Epoxy Coated	Pound	5,850
Bar Splicers	Each	36
Preformed Joint Strip Seal	Foot	159.5
Deck Slab Repair (Full Depth, Type I)	Sq Yd	7.3
Deck Slab Repair (Full Depth, Type II)	Sq Yd	1.4
Bridge Deck Scarification, 2 1/2"	Sq Yd	1,532
Bridge Deck Fly Ash or GGBF Concrete Overlay, 2 3/4"	Sq Yd	1,532
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq Ft	503.3
Diamond Grinding (Bridge Section)	Sq Yd	1,304
Bridge Deck Grooving (Longitudinal)	Sq Yd	813

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For Sections A-A, B-B, C-C & D-D
see sheet 5 of 14.



**BILL OF MATERIAL
FOR TWO ABUTMENTS**

Bar	No.	Size	Length	Shape
a(E)	16	#6	42'-9"	—
a1(E)	16	#6	37'-11"	—
a2(E)	20	#5	12'-3"	—
a3(E)	20	#5	7'-5"	—
a4(E)	24	#6	30'-0"	—
a5(E)	16	#6	4'-0"	—
c(E)	32	#6	5'-2"	—
c1(E)	16	#5	4'-2"	—
c2(E)	6	#5	5'-6"	—
d(E)	22	#4	4'-9"	—
d1(E)	22	#5	4'-2"	—
d2(E)	16	#4	2'-1"	—
u(E)	150	#5	2'-9"	—
u1(E)	42	#5	3'-9"	—
v(E)	104	#4	3'-5"	—
v1(E)	34	#4	3'-11"	—
Concrete Removal			Cu Yd	38.7
Concrete Superstructure			Cu Yd	38.6
Reinforcement Bars, Epoxy Coated			Pound	4,990
Bar Splicers			Each	36

- Notes:
- ① For Sections A-A, B-B, C-C & D-D see sheet 5 of 14.
 - ② 4 Bar Splicers (E) for #6 a(E) & #6 a1(E) bars
2 Bar Splicers (E) for #5 a2(E) & #5 a3(E) bars
 - ③ 4 Bar Splicers (E) for #6 a(E) & #6 a1(E) bars
8 Bar Splicers (E) for #5 a2(E) & #5 a3(E) bars

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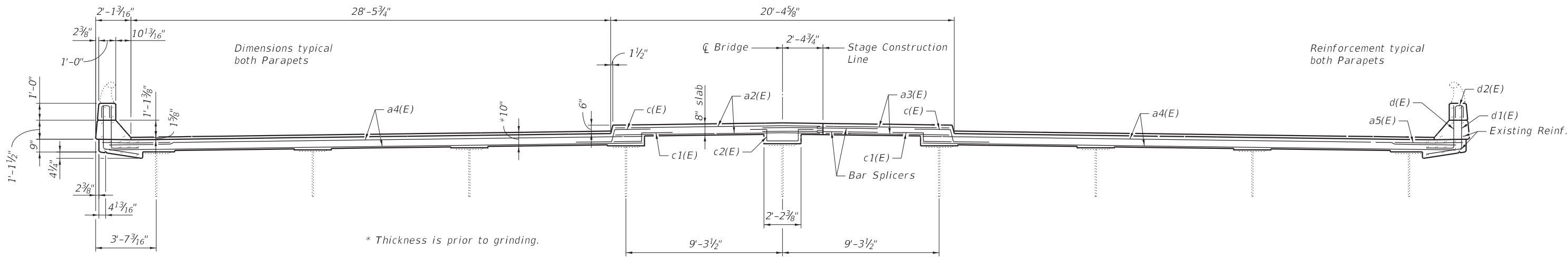
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DEPARTMENT OF TRANSPORTATION

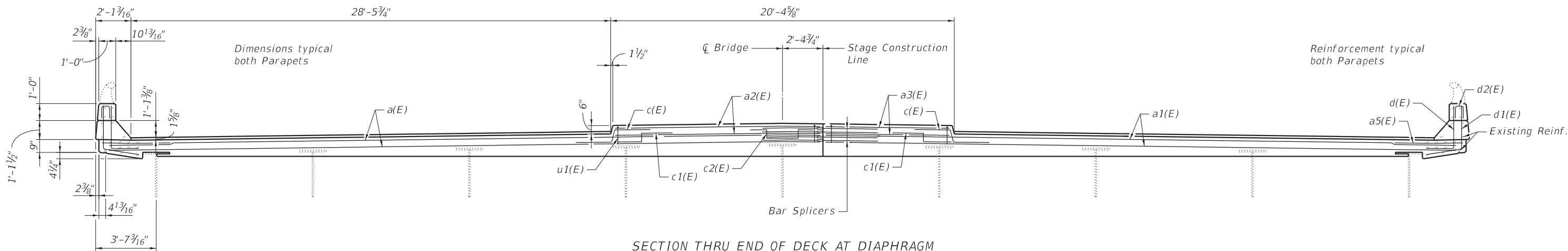
JOINT REPLACEMENT DETAILS (PLAN VIEW)
S.N. 096-0032

SCALE: SHEET 3 OF 14 SHEETS STA. TO STA.

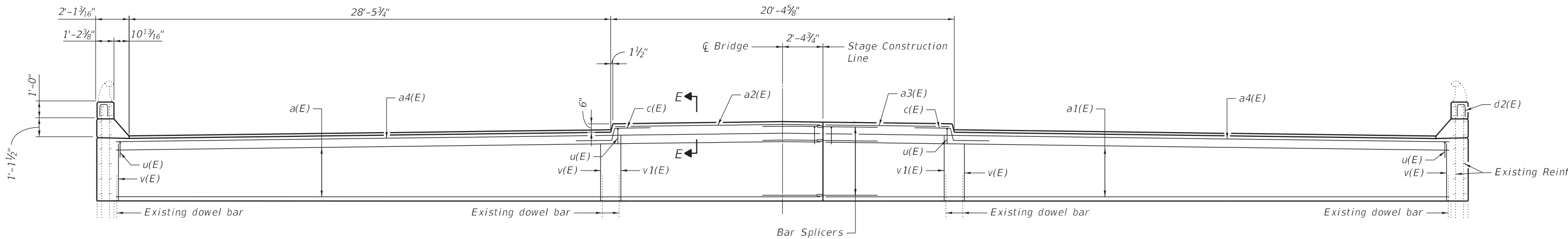
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64	(101,102)RS-2,(96-2)BDR,BJR	WAYNE	81	48
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				



SECTION THRU END OF DECK SLAB
(Looking Southeast Along Skew)



SECTION THRU END OF DECK AT DIAPHRAGM
(Looking Southeast Along Skew)



SECTION THRU ABUTMENT AT JOINT
(Looking Southeast Along Skew)

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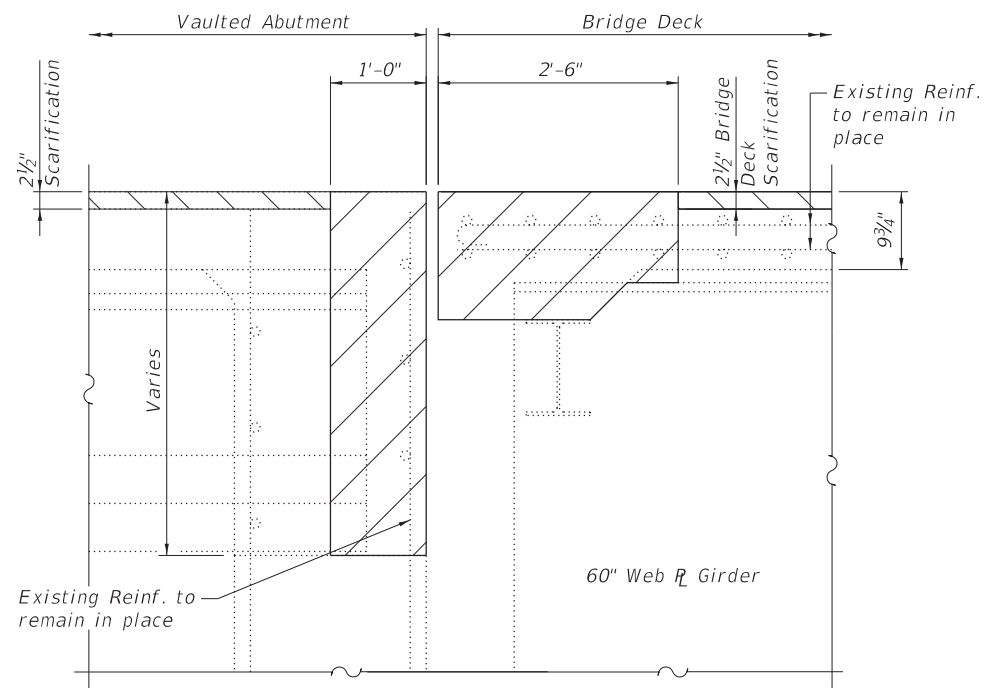
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINT REPLACEMENT DETAILS (SECTIONS)
S.N. 096-0032

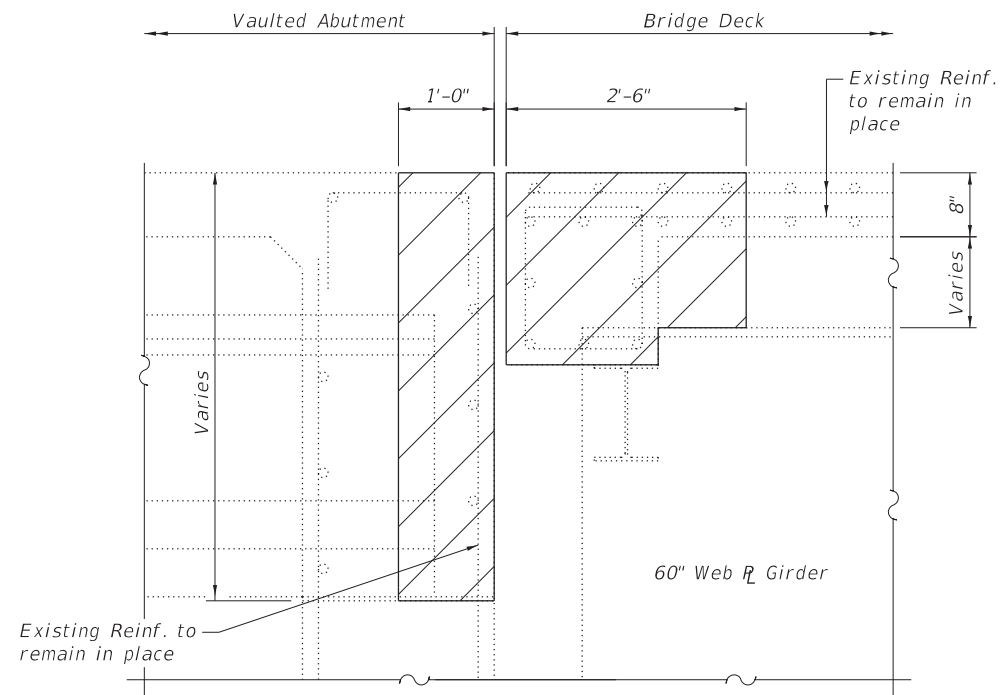
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				

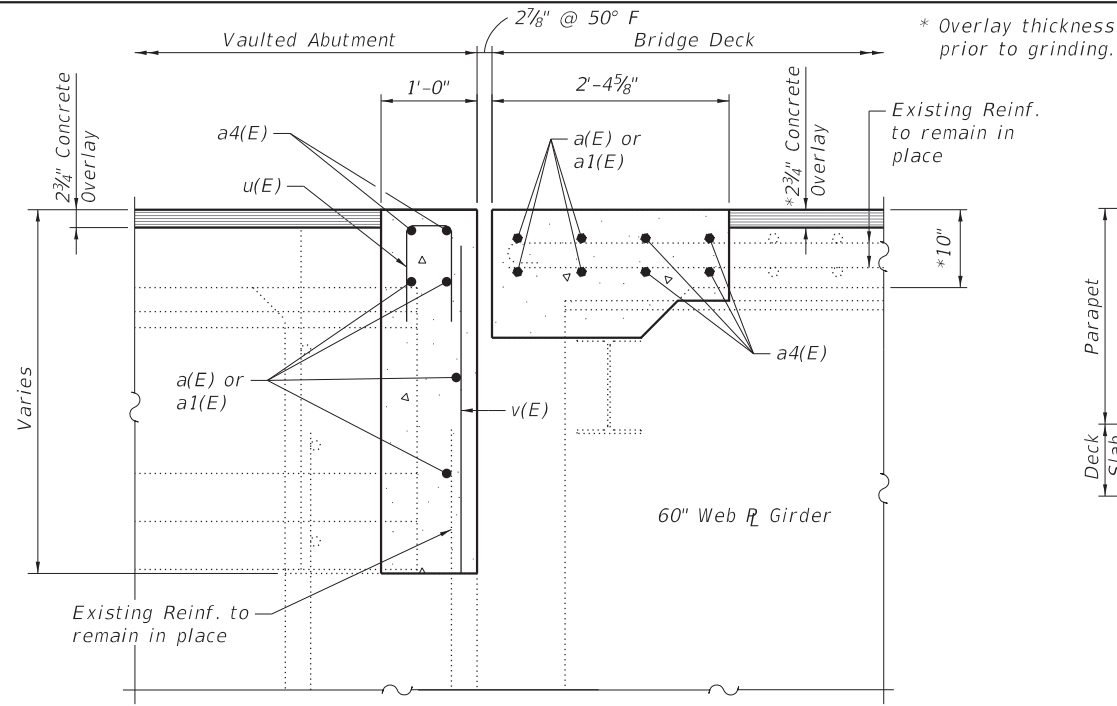


SECTION A-A

Note:
Hatched areas indicate removal.

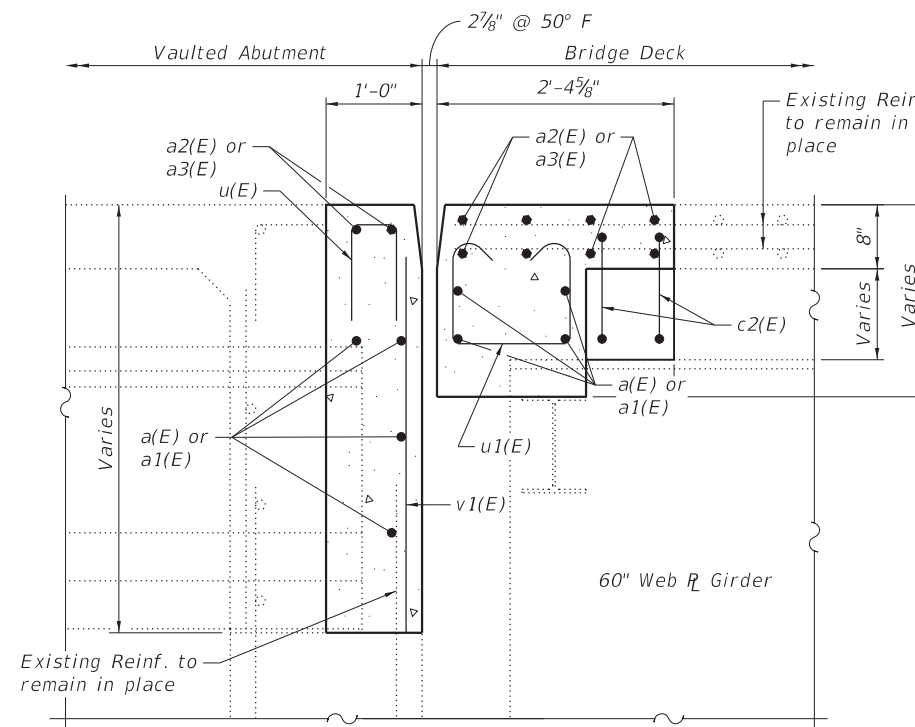


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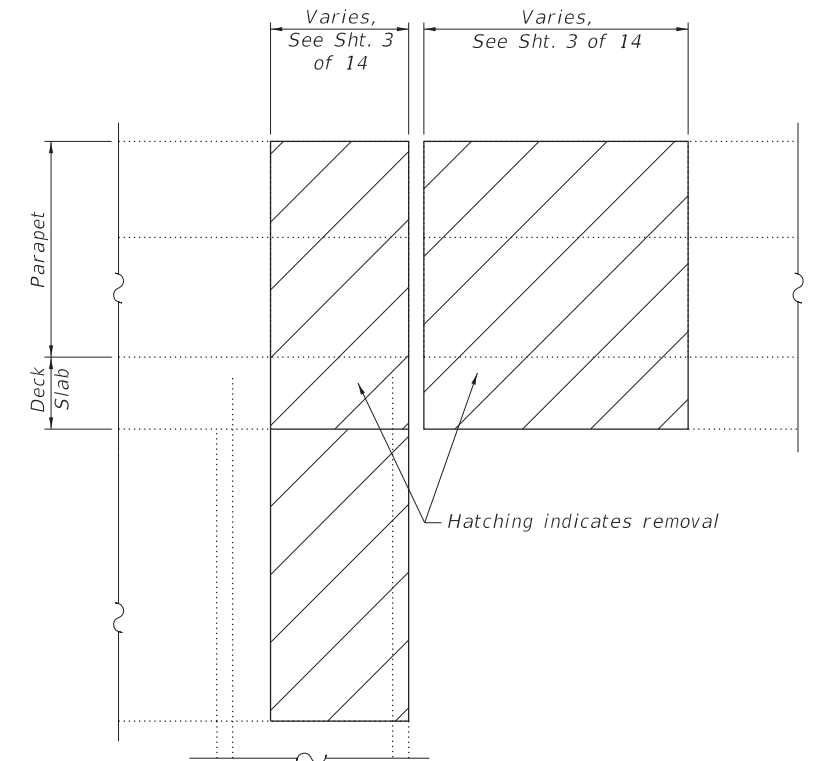


SECTION C-C

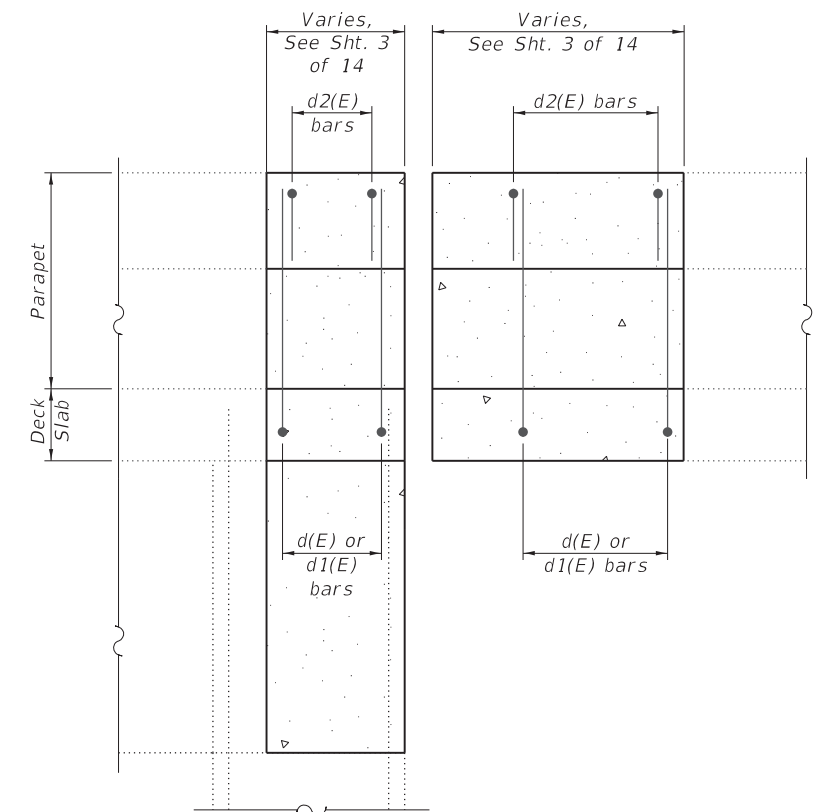
Note:
For details of expansion joint
see sheet 7 of 14.



SECTION D-D



SECTION E-E



SECTION F-F

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FILE Name: 1010483_IDOT_D7\Work Order 5 - Bridge Repairs SN 096-0032\Structures\CAD\CADD Sheets\0960032-sht501dr-05.dgn

HMG
ENGINEERS
IL PROF DESIGN FIRM 184,000899

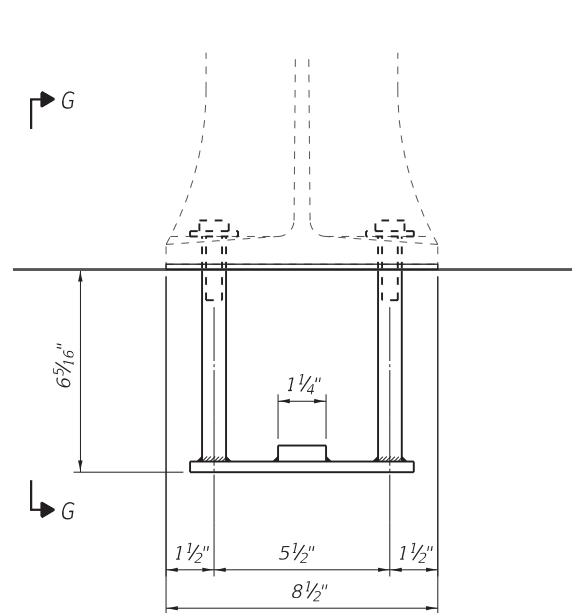
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PLOT SCALE = 2.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/6/2026	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

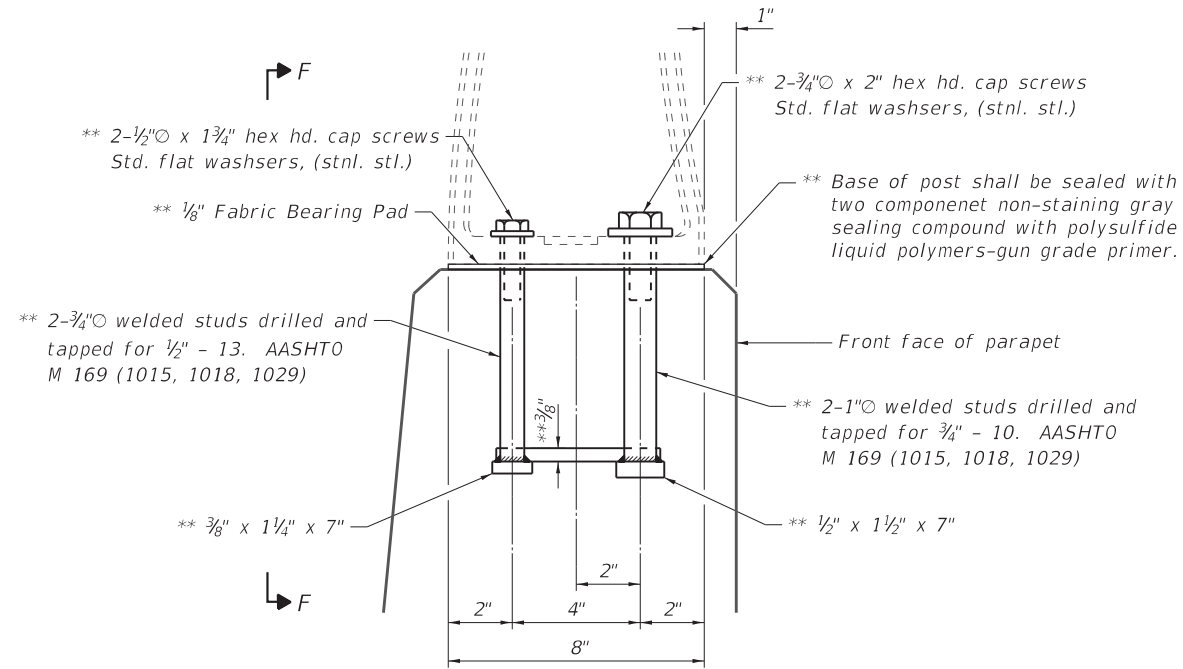
JOINT REPLACEMENT DETAILS (DETAILS)
S.N. 096-0032

SCALE: SHEET 5 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(101,102)RS-2,(96-2)BDR,BJR	WAYNE	81	50
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				



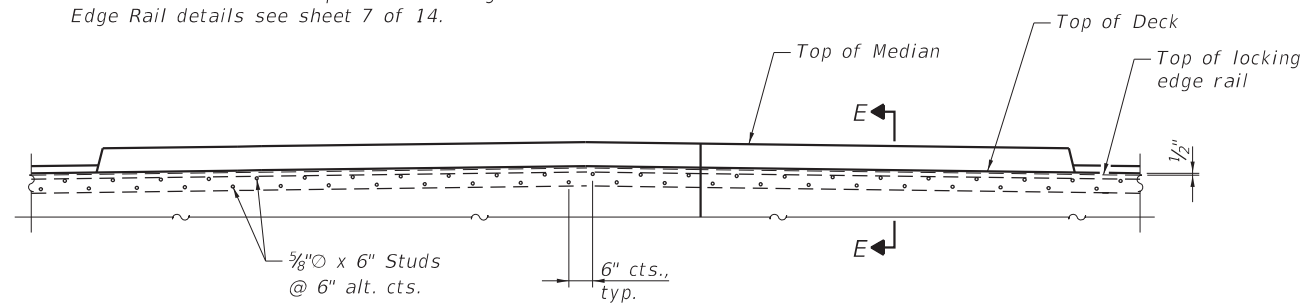
VIEW F-F



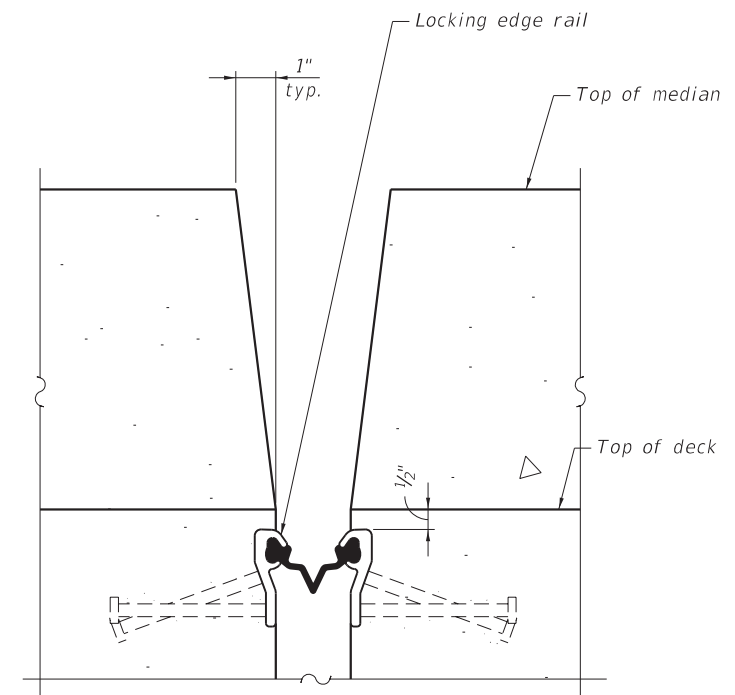
SECTION G-G

RAIL POST DETAILS

Note:
For Preformed Joint Strip Seal & Locking
Edge Rail details see sheet 7 of 14.



SECTION AT MEDIAN SHOWING STRIP SEAL



SECTION E-E
(at Rt. L's)

** New Rail Post anchorage devices will be required at each loaction where posts are connected to new construction. Cost shall be included with Concrete Superstructure. In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting stailless steel anchor rods of the same diameter and grade as the specified cap screws according to Article 509.06 of the Standard Specifications. Embedment shall be according to manufacturer's specifications.

MODEL Default
FILE Name: 1030483_IDOT_D7Work_Order_5 - Bridge Repairs SN 096-0032Structures(CAD/CADD Sheets)0960032-sh15-1.rvt.dwg
DATE: 6/24/2026

HMG
ENGINEERS
IL PROF DESIGN FIRM 184,000899

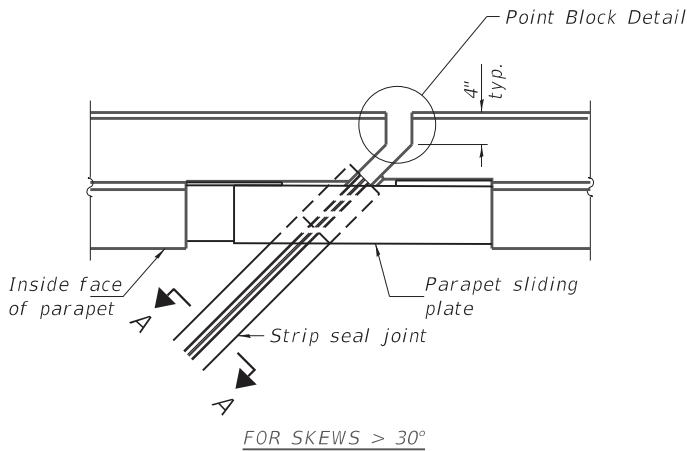
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	DRAWN -	REVISED -
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PLOT DATE = 6/24/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

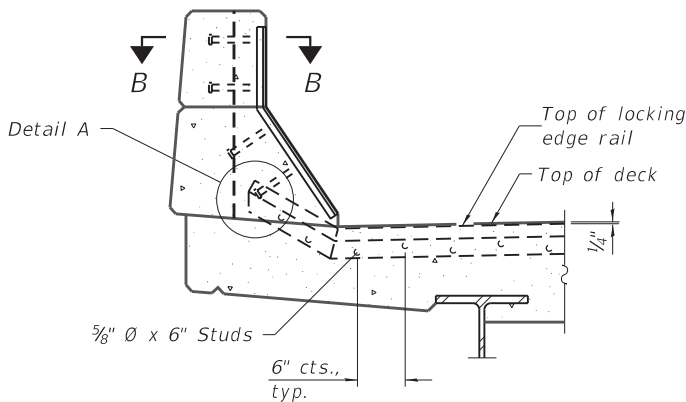
JOINT REPLACEMENT DETAILS (MEDIAN & RAIL POST)
S.N. 096-0032

SCALE: SHEET 6 OF 14 SHEETS STA. TO STA.

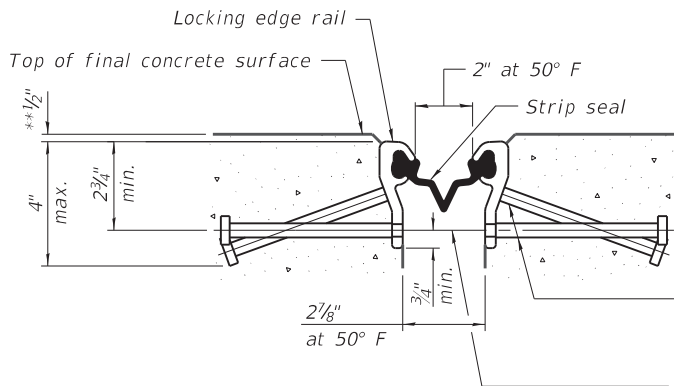
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(101,102)RS-2,(96-2)BDR,BJR	WAYNE	81	51
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				



PLAN AT PARAPET



SECTION AT PARAPET
(Skews > 30° shown)



SHOWING ROLLED RAIL JOINT

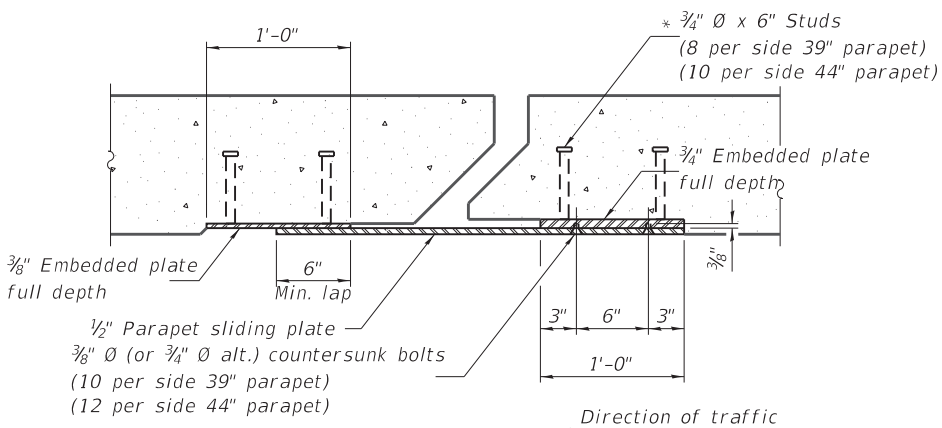
* 5/8" Ø x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

3/8" Ø threaded rods in 7/16" Ø holes at 4'-0"± cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates within 90 minutes after concrete is set.

SECTION A-A

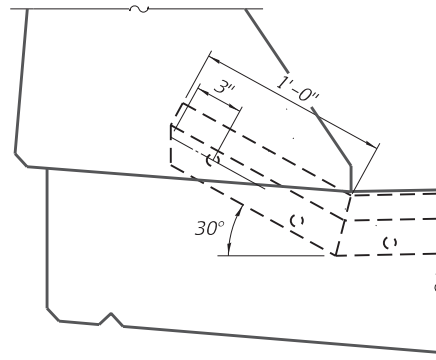
* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

** Prior to grinding.

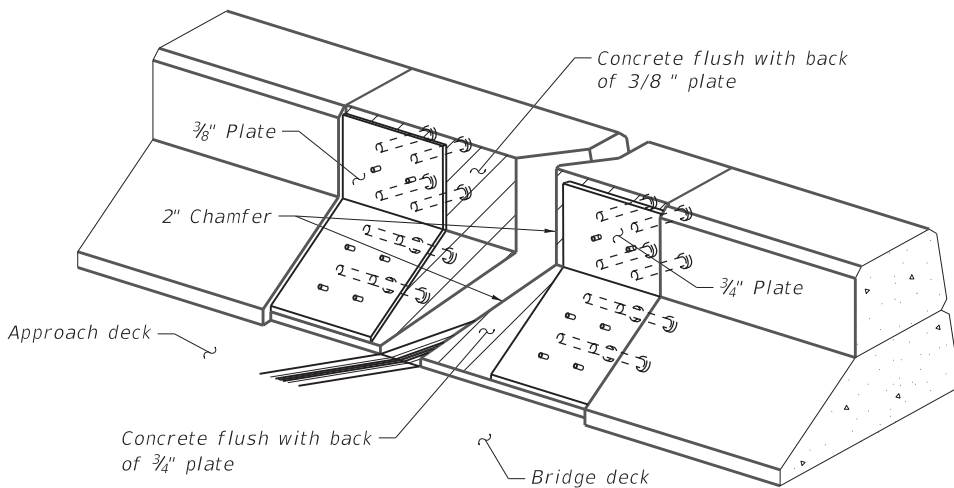


SECTION B-B

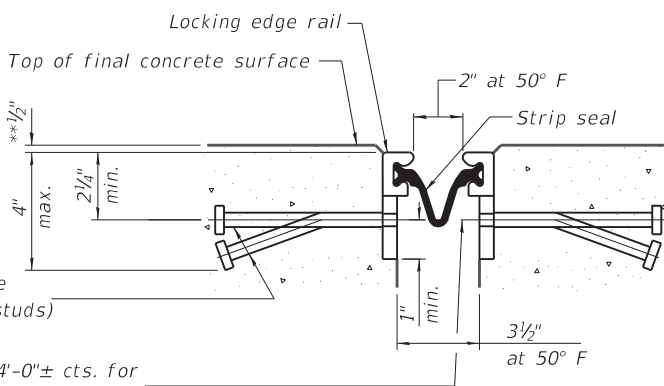
(3/4" Ø countersunk bolts extending into concrete shall have hex nuts tack welded to the back of the embedded plates with end caps provided.)



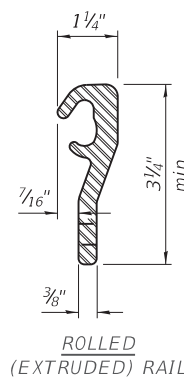
DETAIL A



TRIMETRIC VIEW
(Showing embedded plates only)

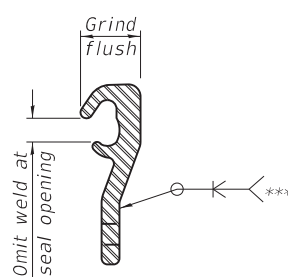
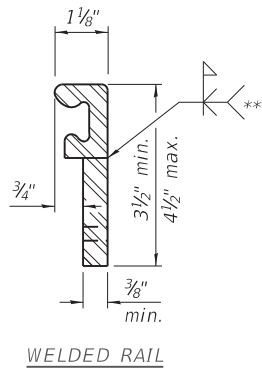


SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

*** Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	158.5

EJ-SS

10-3-2025

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ENGINEERS
IL PROF DESIGN FIRM 184,000899

USER NAME	= Klauf
PLOT SCALE	= 2.0000 ' / in.
PLOT DATE	= 6/24/2026

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DRAWN	-
CHECKED	-
DATE	-

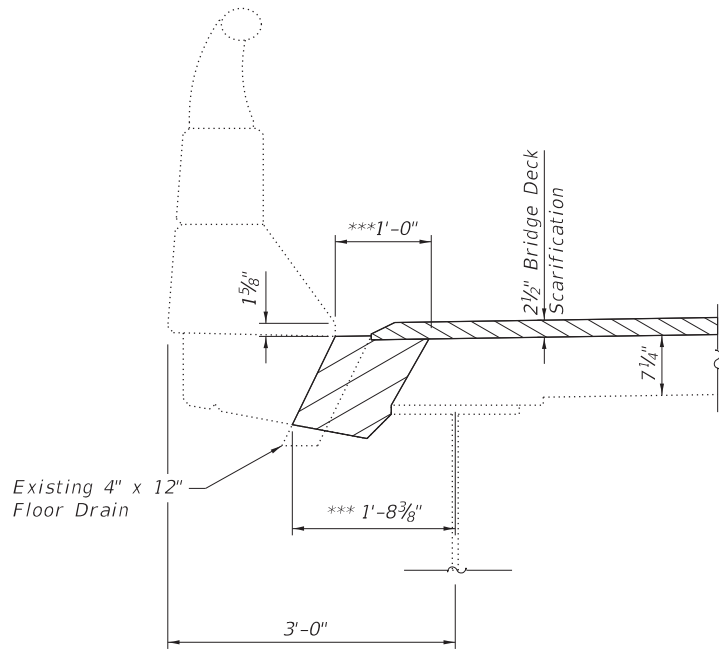
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

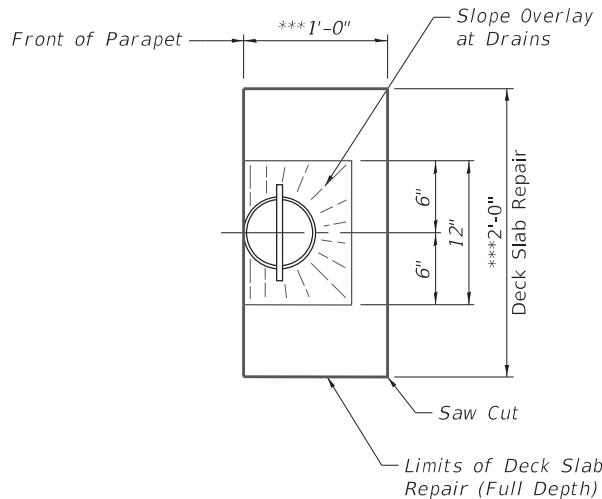
PREFORMED JOINT STRIP SEAL
S.N. 096-0032

SCALE: SHEET 7 OF 14 SHEETS STA. TO STA.

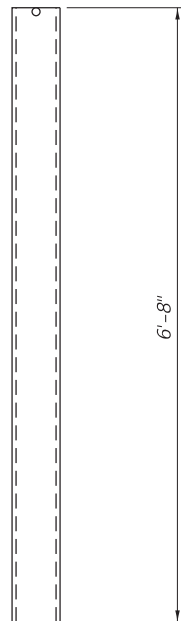
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(101,102)RS-2,(96-2)BDR,BJR	WAYNE	81	52
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				



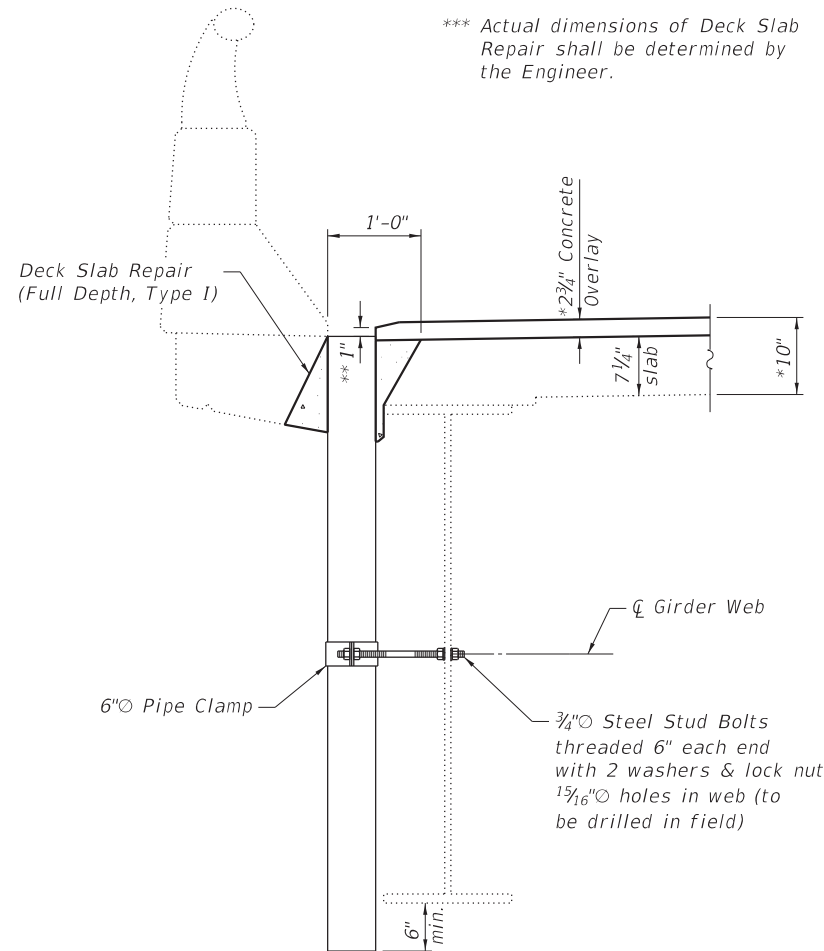
SECTION THRU EXISTING FLOOR DRAIN



TOP PLAN DECK REPAIR
AT PROPOSED DRAINS

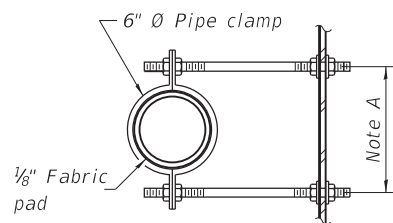


DRAIN DETAIL
8 Required



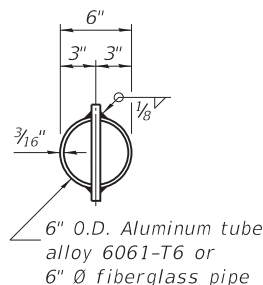
DRAIN REPLACEMENT DETAIL

- * Overlay thickness prior to ginding
- ** Minimum thickness of overlay at edge of drain = 1"
- *** Actual dimensions of Deck Slab Repair shall be determined by the Engineer.

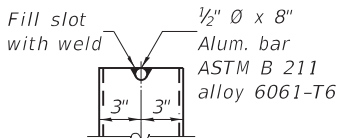


SECTION A-A

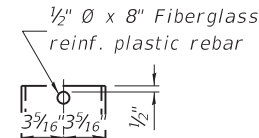
Note A
Dimension as required
by pipe clamp



TOP PLAN
(Showing aluminum tube)



ALUMINUM
TUBE



FIBERGLASS
PIPE

NOTES

Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 psi minimum.

Galvanize clamping device according to AASHTO M232. Cost of clamping device, bolts and galvanizing is included with Floor Drains.

Concrete removal and replacement quantities and locations for drains are included in Deck Slab Repair (Full Depth, Type I) as shown on "Bridge Deck Patching", sheets 9 & 10 of 14.

The exterior surfaces of the floor drains shall be painted with the finish coat as specified in Article 506.10 of the Standard Specifications. The exterior surfaces of the drain extensions shall be cleaned according to the Society of Protective Coating's Spec. SSPC-SP1 prior to painting. The color of the final finish coat for all floor drain extension surfaces shall be gray, Munsell No. 5B7/1. Cost of Painting included with Floor drains.

The top portion of aluminum floor drains shall be coated with 5 mils of either bitumen paint or epoxy paint to minimize reaction with wet concrete.

MODEL Default
FILE Name: 103483_IDOT_D7\Work Order 5 - Bridge Repairs SN 096-0032\Structures\CADD\CADD Sheets\0960032-sh153-drain-08.dgn

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ENGINEERS
IL PROF DESIGN FIRM 184,000899

USER NAME = klauk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/24/2026	DATE -	REVISED -

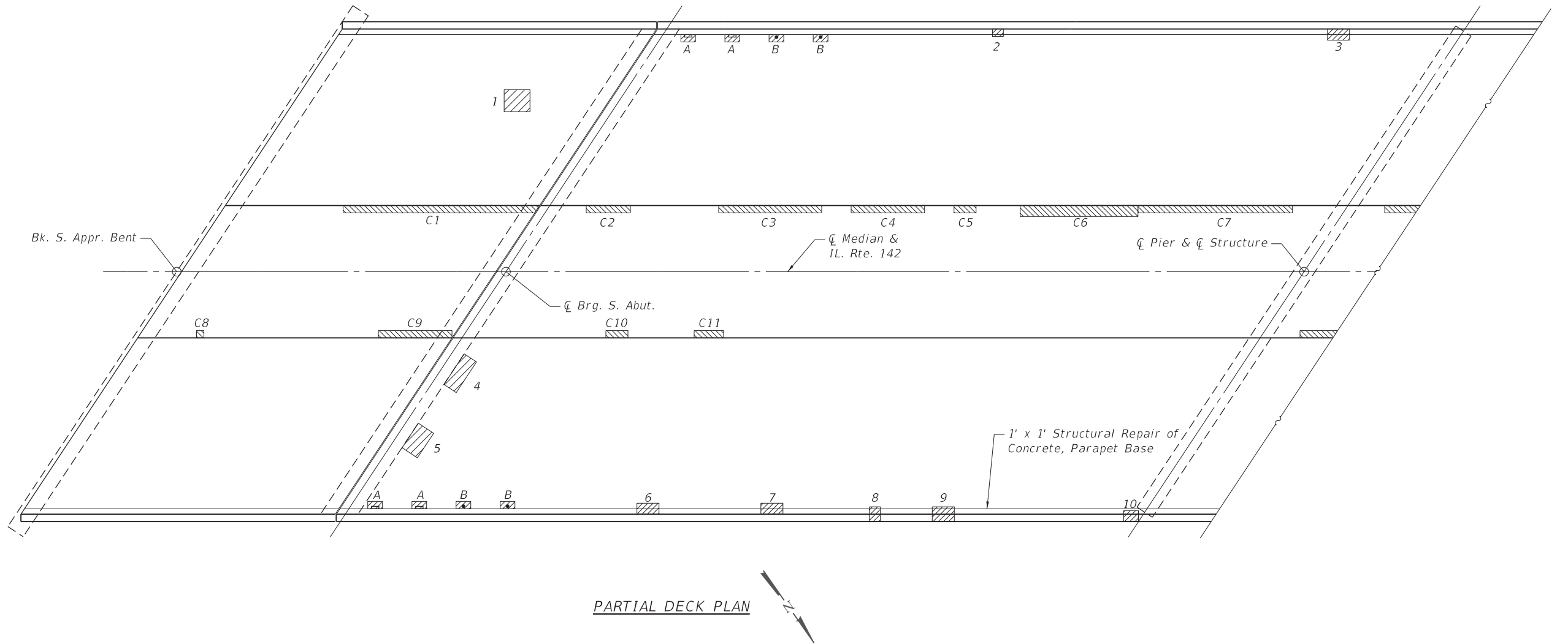
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK DRAIN REPLACEMENT DETAILS
S.N. 096-0032

SCALE: SHEET 8 OF 14 SHEETS STA. TO STA.

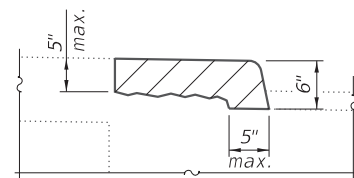
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(101,102)RS-2,(96-2)BDR,BJR	WAYNE	81	53
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE NAME: 103483_IDOT_D7Work_Order_5 - Bridge Repairs SN_096-0032Structures(CAD/CADD Sheets)0960032-sh154-55-deckplan09_10.dgn



DECK PATCHING SCHEDULE				
Patch Number	Length (ft)	Width (ft)	Area (sf)	Deck Patch Type
1	3.5	3.0	10.50	Partial Depth
2	1.5	1.0	1.50	Full Depth Type I
3	3.0	1.5	4.50	Full Depth Type I
4	2.0	5.0	10.00	Partial Depth
5	2.5	4.0	10.00	Partial Depth
6	3.0	1.5	4.50	Full Depth Type I
7	3.0	1.5	4.50	Full Depth Type I
8	1.5	2.0	3.00	Full Depth Type I
9	3.0	2.0	6.00	Full Depth Type II
10	2.0	1.5	3.00	Full Depth Type I

STRUCTURAL REPAIR OF CONCRETE SCHEDULE			
Patch Number	Length (ft)	Width (ft)	Area (sf)
C1	26.5	1.0	26.50
C2	6.0	1.0	6.00
C3	14.0	1.0	14.00
C4	10.0	1.0	10.00
C5	3.0	1.0	3.00
C6	16.0	1.5	24.00
C7	21.0	1.0	21.00
C8	1.0	1.0	1.00
C9	10.0	1.0	10.00
C10	3.0	1.0	3.00
C11	4.0	1.0	4.00



CURB REPAIR DETAIL

BILL OF MATERIAL		
Item	Unit	Total
Floor Drains	Each	4
Deck Slab Repair (Full Depth, Type I)	Sq Yd	4.1
Deck Slab Repair (Full Depth, Type II)	Sq Yd	0.7
Structural Repair of Concrete (Depth Equal to or Less Than 5 inches)	Sq Ft	123.5

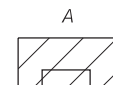
Notes:

The locations and sizes shown graphically in plan are approximate. See Table for acutal sizes.

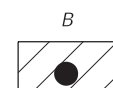
The Engineer shall show actual location and size of deck repairs on As-Built Plans.

Deck Slab Repair (Partial) is shown for information only. Cost included with Concrete Overlay.

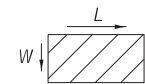
A & B = Deck Slab Repair
(Full Depth, Type 1)
2 sf = .22 sy Each



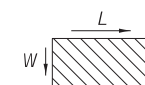
Remove Existing
Plugged Deck Drain



Remove & Replace
Deck Drain



Deck Patching



Structural Repair
of Concrete

Date of Survey: 02-16-2026
Surveyed by: KBC, KMM, BDK
Method of Survey: Visual

HMG
ENGINEERS
IL PROF DESIGN FIRM 184,000899

USER NAME = klauk
PLOT SCALE = 2.0000 ' / in.
PLOT DATE = 8/6/2026

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
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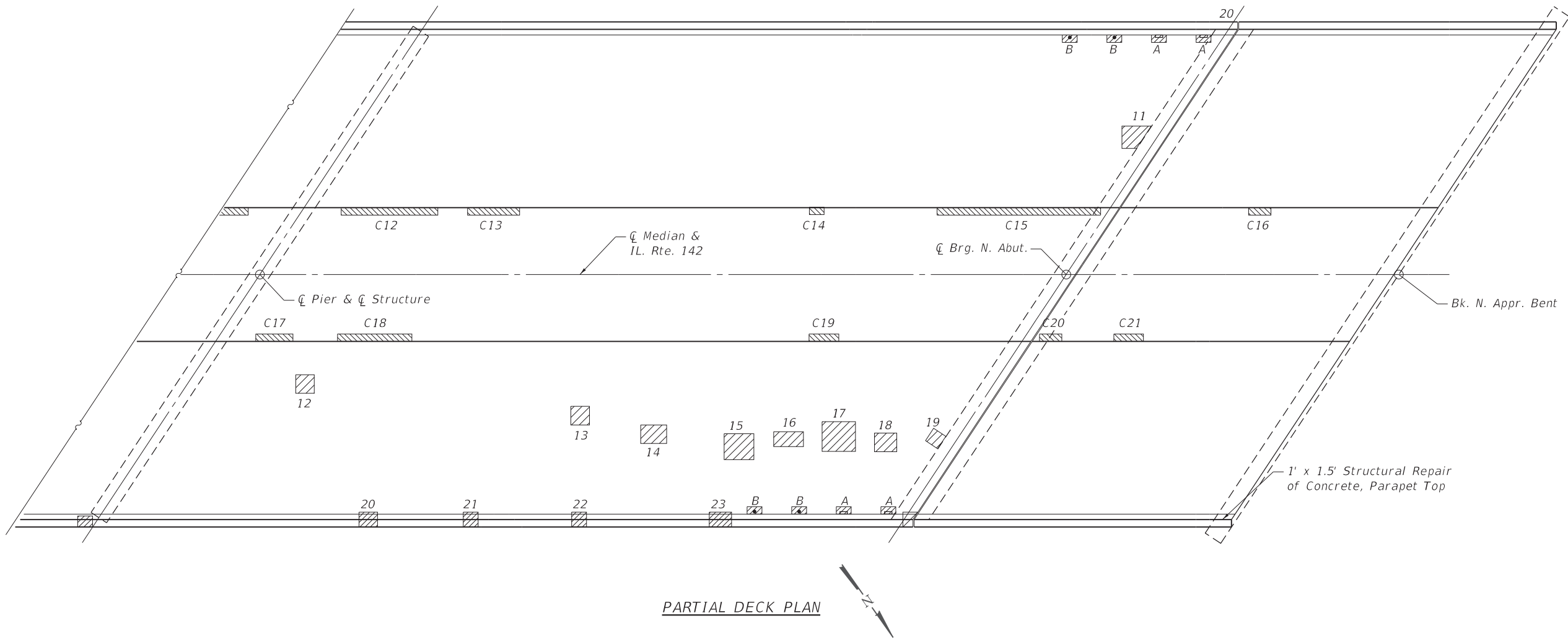
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE DECK PATCHING PLAN & DETAILS
S.N. 096-0032

SCALE: SHEET 9 OF 14 SHEETS STA. TO STA.

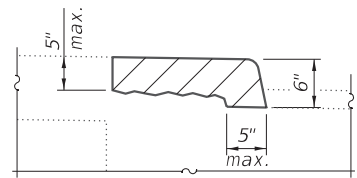
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(101,102)RS-2,(96-2)BDR,BJR	WAYNE	81	54
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE Name: 1010483_IDOT_D7\Work Order 5 - Bridge Repairs SN 096-0032\Structures\CAD\CADD Sheets\0960032-sh154-55-deckplan09 10.dgn



DECK PATCHING SCHEDULE				
Patch Number	Length (ft)	Width (ft)	Area (sf)	Deck Patch Type
11	3.0	3.0	9.00	Partial Depth
12	2.5	2.5	6.25	Partial Depth
13	2.5	2.5	6.25	Partial Depth
14	3.5	2.5	8.75	Partial Depth
15	4.0	3.5	14.00	Partial Depth
16	4.0	2.0	8.00	Partial Depth
17	4.5	4.0	18.00	Partial Depth
18	3.0	2.5	7.50	Partial Depth
19	2.0	2.0	4.00	Partial Depth
20	2.5	2.0	5.00	Full Depth Type I
21	2.0	2.0	4.00	Full Depth Type I
22	2.0	2.0	4.00	Full Depth Type I
23	3.0	2.0	6.00	Full Depth Type II

STRUCTURAL REPAIR OF CONCRETE SCHEDULE			
Patch Number	Length (ft)	Width (ft)	Area (sf)
C12	13	1	13.00
C13	7	1	7.00
C14	2	1	2.00
C15	22	1	22.00
C16	3	1	3.00
C17	5	1	5.00
C18	10	1	10.00
C19	4	1	4.00
C20	3	1	3.00
C21	4	1	4.00



CURB REPAIR DETAIL

BILL OF MATERIAL		
Item	Unit	Total
Floor Drains	Each	4
Deck Slab Repair (Full Depth, Type I)	Sq Yd	3.2
Deck Slab Repair (Full Depth, Type II)	Sq Yd	0.7
Structural Repair of Concrete (Depth Equal to or Less Than 5 inches)	Sq Ft	74.5

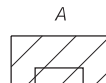
Notes:

The locations and sizes shown graphically in plan are approximate. See Table for acutal sizes.

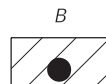
The Engineer shall show actual location and size of deck repairs on As-Built Plans.

Deck Slab Repair (Partial) is shown for information only. Cost included with Concrete Overlay.

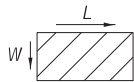
A & B = Deck Slab Repair (Full Depth, Type I)
2 sf = .22 sy Each



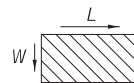
Remove Existing Plugged Deck Drain



Remove & Replace Deck Drain



Deck Patching



Structural Repair of Concrete

Date of Survey: 02-16-2026
Surveyed by: KBC, KMM, BDK
Method of Survey: Visual

HMG
ENGINEERS
IL PROF DESIGN FIRM 184,000899

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PLOT SCALE = 2.0000 ' / in.
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CHECKED -
DATE -

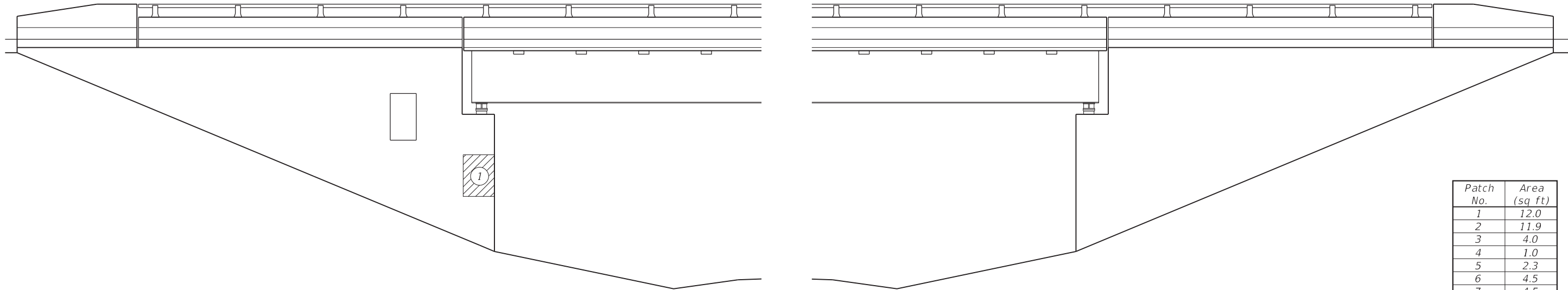
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE DECK PATCHING PLAN & DETAILS
S.N. 096-0032

SCALE: SHEET 10 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(101,102)RS-2,(96-2)BDR,BJR	WAYNE	81	55
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				



EAST ELEVATION - SOUTH ABUTMENT

WEST ELEVATION - SOUTH ABUTMENT

Patch No.	Area (sq ft)
1	12.0
2	11.9
3	4.0
4	1.0
5	2.3
6	4.5
7	4.5
8	15.0
9	20.0
10	15.6
11	13.5
12	42.5
13	9.2
14	28.7
15	9.0
Total	193.7

Notes:

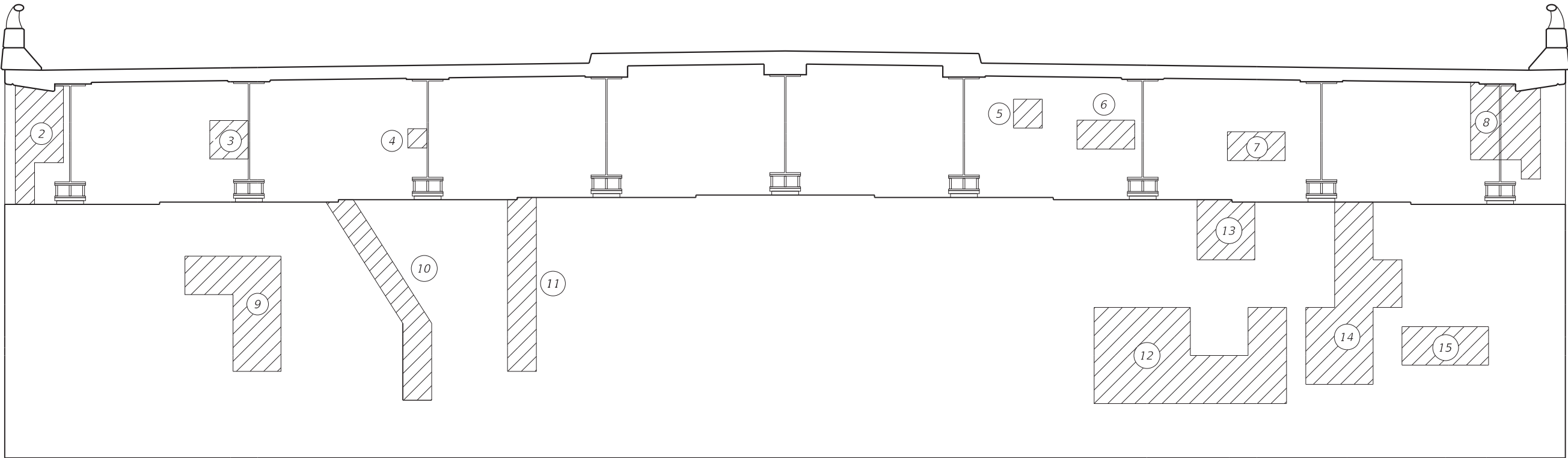
Quantities and locations are approximated. Actual quantities and locations to be determined in the field by the Engineer.

This work is intended to repair only areas of severe deterioration. Some minor deteriorated areas may be left unrepaired.

Do not disturb bearings.

 Structural Repair of Concrete (Depth ≤ 5")

STRUCTURAL REPAIR OF CONCRETE



NORTH ELEVATION - SOUTH ABUTMENT
(Along Skew Looking South)

MODEL Default
FILE Name: 1030483_IDOT_D7\Work Order 5 - Bridge Repairs S.N. 096-0032\Structures\CADD\CADD Sheets\0960032-sh156-57-repairs-11 12.dgn



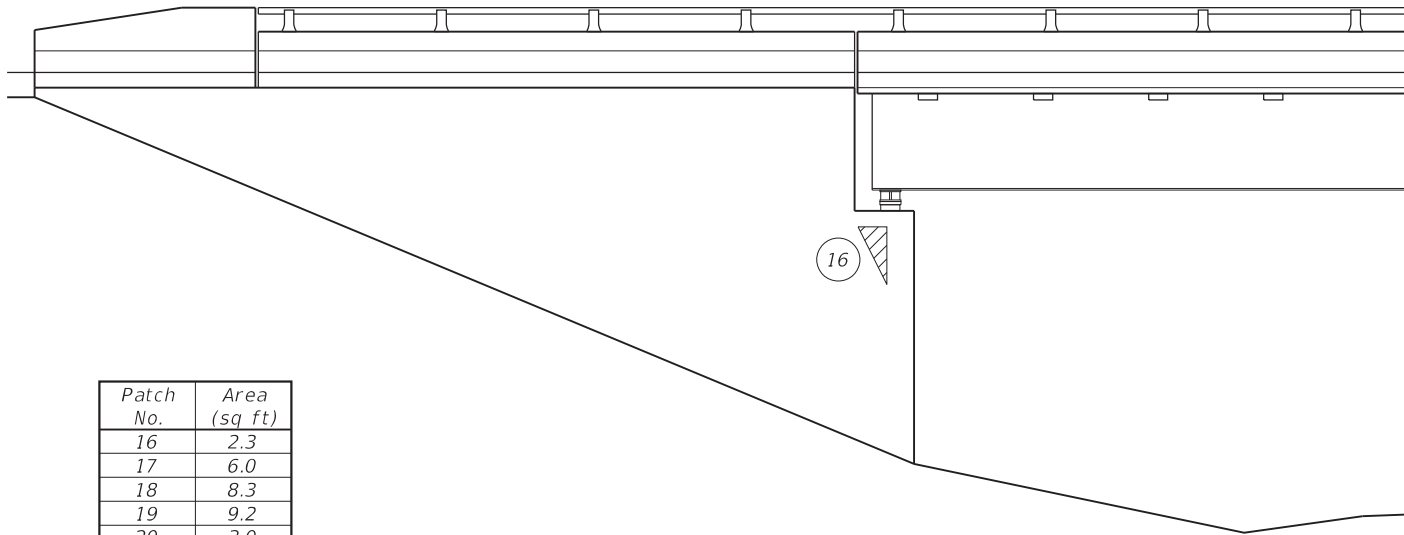
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		DRAWN	-	REVISED	-
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PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

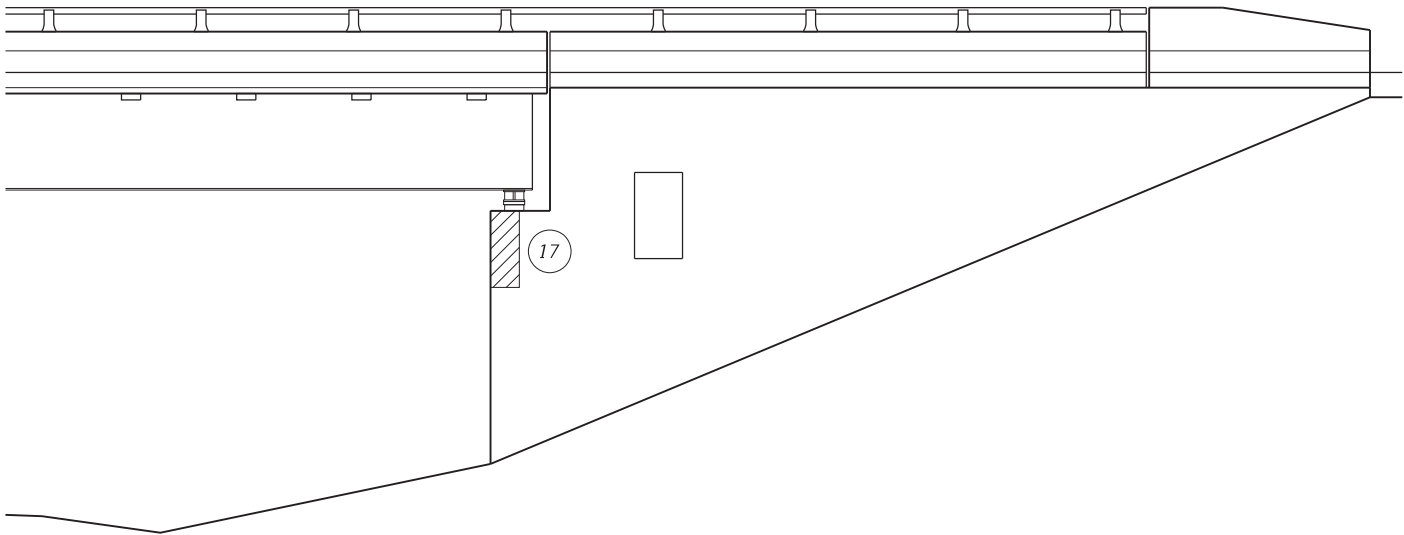
CONCRETE REPAIRS - SOUTH ABUTMENT
S.N. 096-0032

SCALE: SHEET 11 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(101,102)RS-2,(96-2)BDR,BJR	WAYNE	81	56
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				



WEST ELEVATION - NORTH ABUTMENT



EAST ELEVATION - NORTH ABUTMENT

Patch No.	Area (sq ft)
16	2.3
17	6.0
18	8.3
19	9.2
20	3.0
21	22.7
22	12.0
23	8.0
24	7.5
25	10.3
26	2.3
27	5.0
28	15.0
Total	111.6

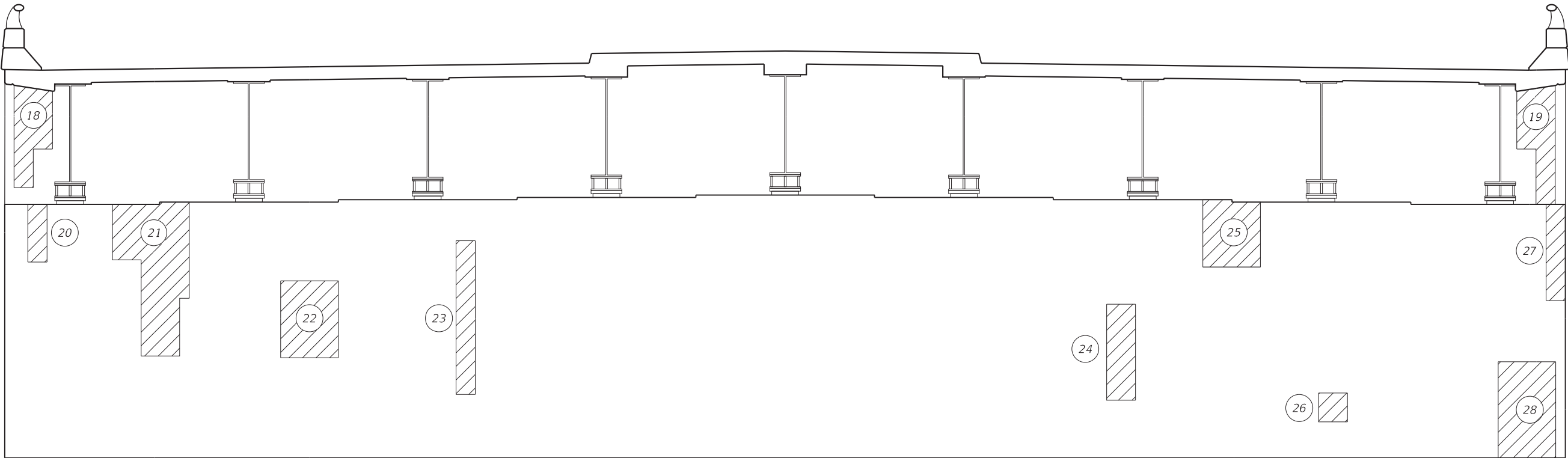
STRUCTURAL REPAIR OF CONCRETE

 Structural Repair of Concrete (Depth ≤ 5")

Notes:
Quantities and locations are approximated. Actual quantities and locations to be determined in the field by the Engineer.

This work is intended to repair only areas of severe deterioration. Some minor deteriorated areas may be left unrepaired.

Do not disturb bearings.



SOUTH ELEVATION - NORTH ABUTMENT
(Along Skew Looking North)

MODEL Default
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HMG
ENGINEERS
IL PROF DESIGN FIRM 184,000899

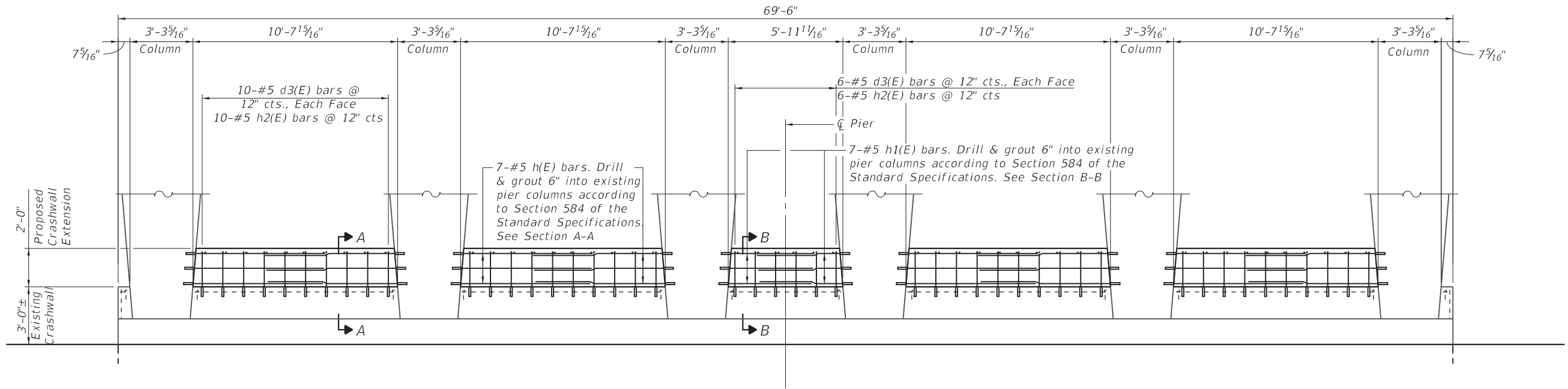
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PLOT DATE	= 8/6/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

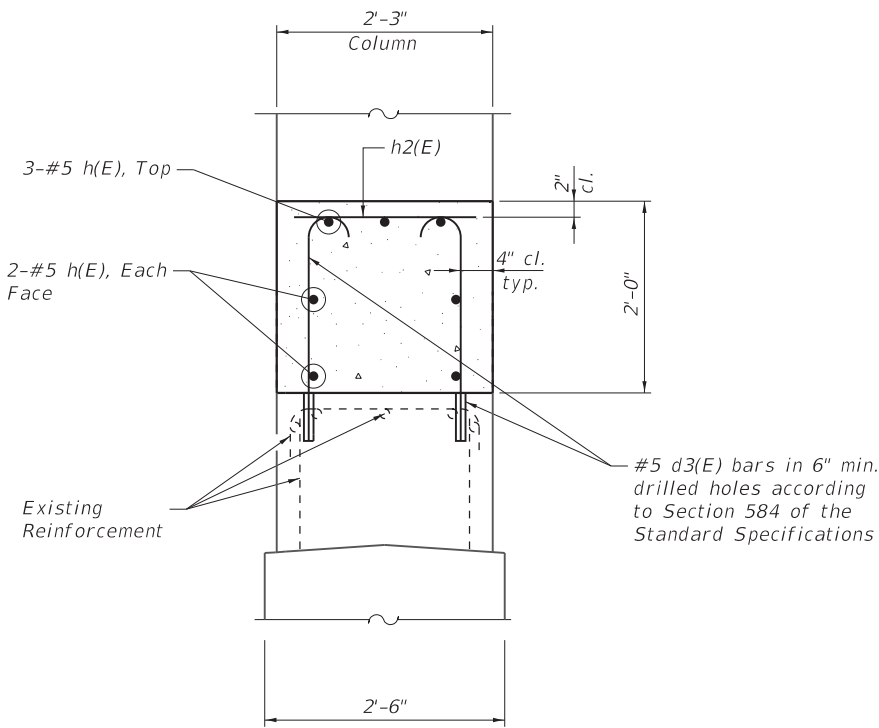
CONCRETE REPAIRS - NORTH ABUTMENT
S.N. 096-0032

SCALE:	SHEET 12 OF 14 SHEETS	STA.	TO STA.
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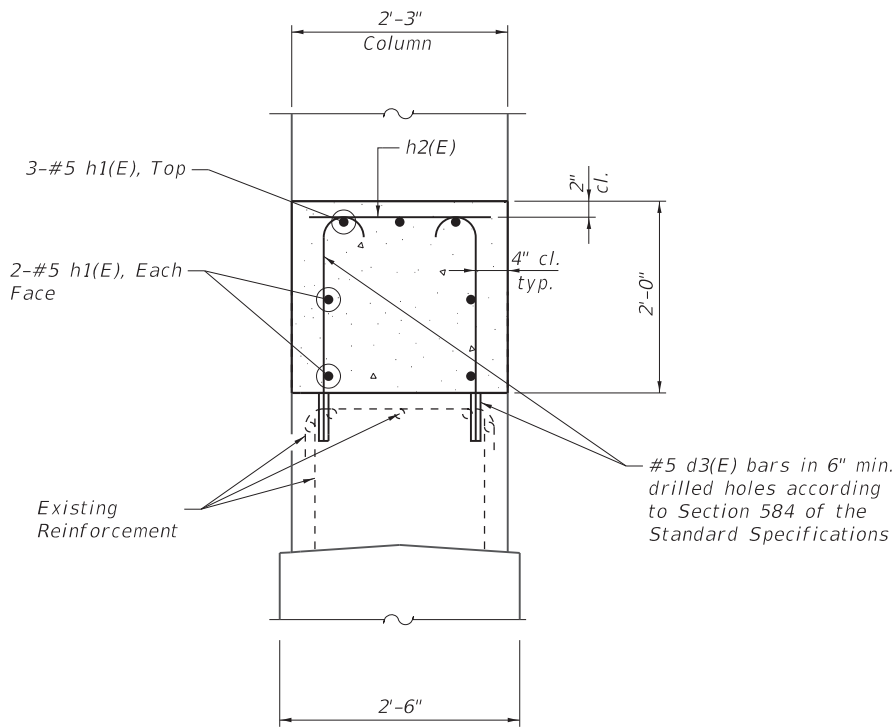
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(101,102)RS-2,(96-2)BDR,BJR	WAYNE	81	57
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				



ELEVATION OF PIER CRASHWALL
(Looking South)



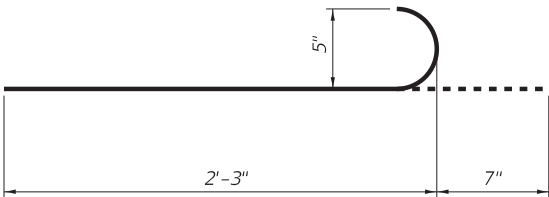
SECTION A-A



SECTION B-B

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	56	#5	7'-3"	—
h1(E)	14	#5	4'-10"	—
h2(E)	46	#5	1'-11"	—
d3(E)	92	#5	2'-10"	⌋
Concrete Structures			Cu Yd	8.0
Reinforcement Bars, Epoxy Coated			Pound	860



BAR d3(E)

MODEL Default
FILE Name: 1010483_IDOT_D7Work_Order_5 - Bridge Repairs SN 096-0032Structures(CAD/CADD Sheets)0960032-sh155-wall13.dgn

HMG
ENGINEERS
IL PROF DESIGN FIRM 184,000899

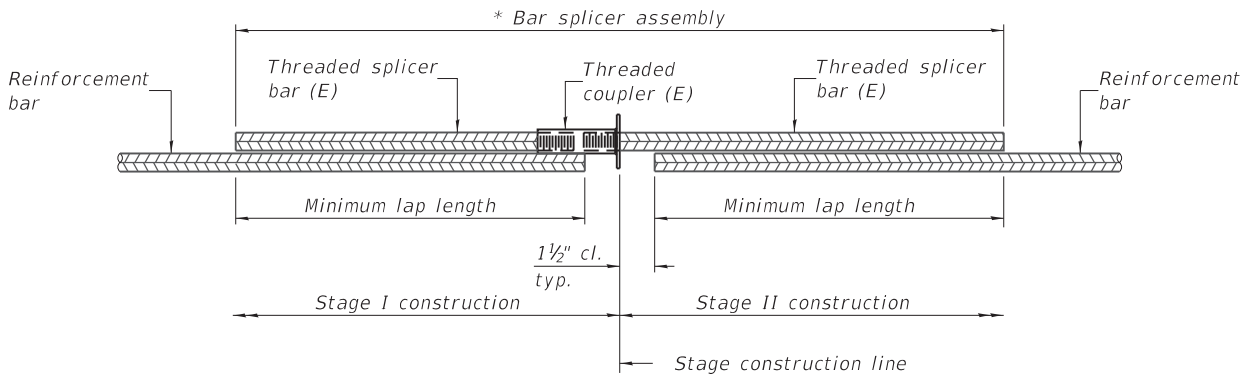
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PLOT DATE	= 8/6/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CRASHWALL MODIFICATIONS
S.N. 096-0032

SCALE: SHEET 13 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(101,102)RS-2,(96-2)BDR,BJR	WAYNE	81	58
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				



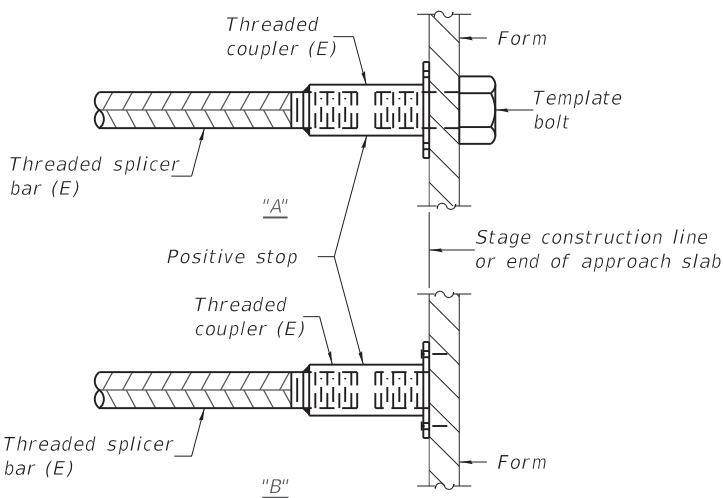
STANDARD BAR SPLICER ASSEMBLY PLAN

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
Joint Replacement	#6	16	3'-6"
Joint Replacement	#5	20	2'-6"

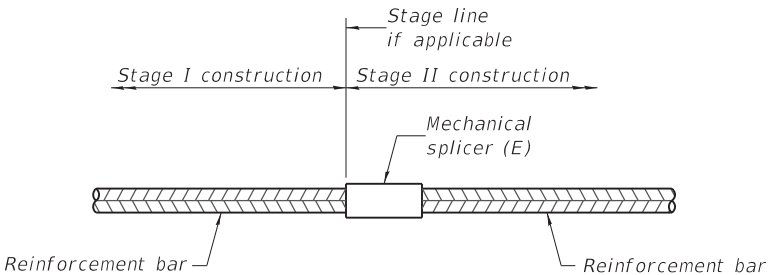


INSTALLATION AND SETTING METHODS

"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

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.

BSD-1

5-15-2023

MODEL Default
FILE Name: 1030483_IDOT_D7\Work Order 5 - Bridge Repairs SN 096-0032\Structures\CADD\CADD Sheets\0960032-sh159-splcr-1.dgn

HMG
ENGINEERS
IL PROF DESIGN FIRM 184,000899

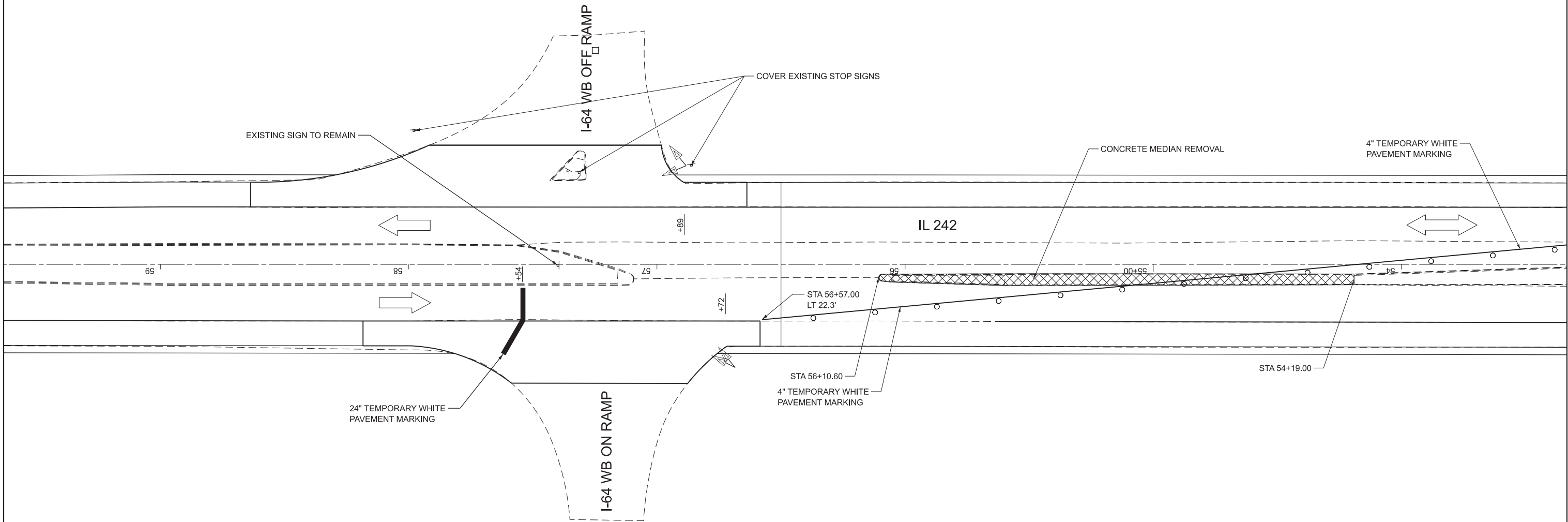
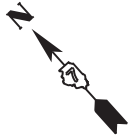
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PLOT DATE = 6/24/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
S.N. 096-0032

SCALE: SHEET 14 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(101,102)RS-2,(96-2)BDR,BJR	WAYNE	81	59
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				



NOTE: SEE STANDARD 701316
FOR TRAFFIC CONTROL IN
ADVANCE OF STOP BARS

TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	1 EACH
TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	1 L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	1 L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	1 L SUM

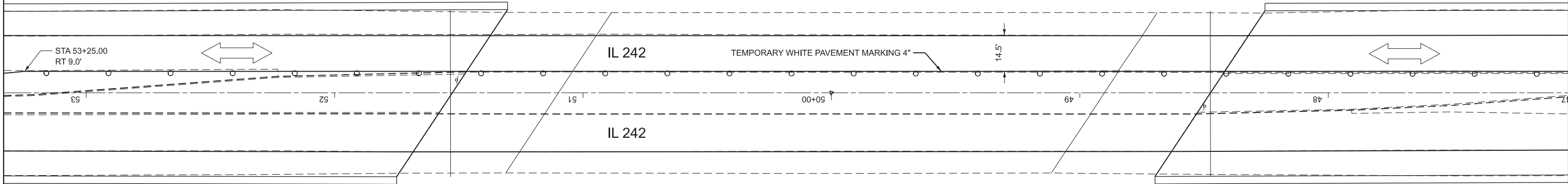
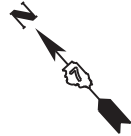
- TEMPORARY BRIDGE TRAFFIC SIGNAL
- TEMPORARY DETECTOR LOOP
- DRUM WITH STEADY BURNING LIGHT
- TYPE III BARRICADE
- SEE CONCRETE MEDIAN SCHEDULE FOR ALL PAY ITEMS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1 TRAFFIC CONTROL

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	60
CONTRACT NO. 74D06				

SCALE: SHEET 15 OF 20 SHEETS STA. TO STA.



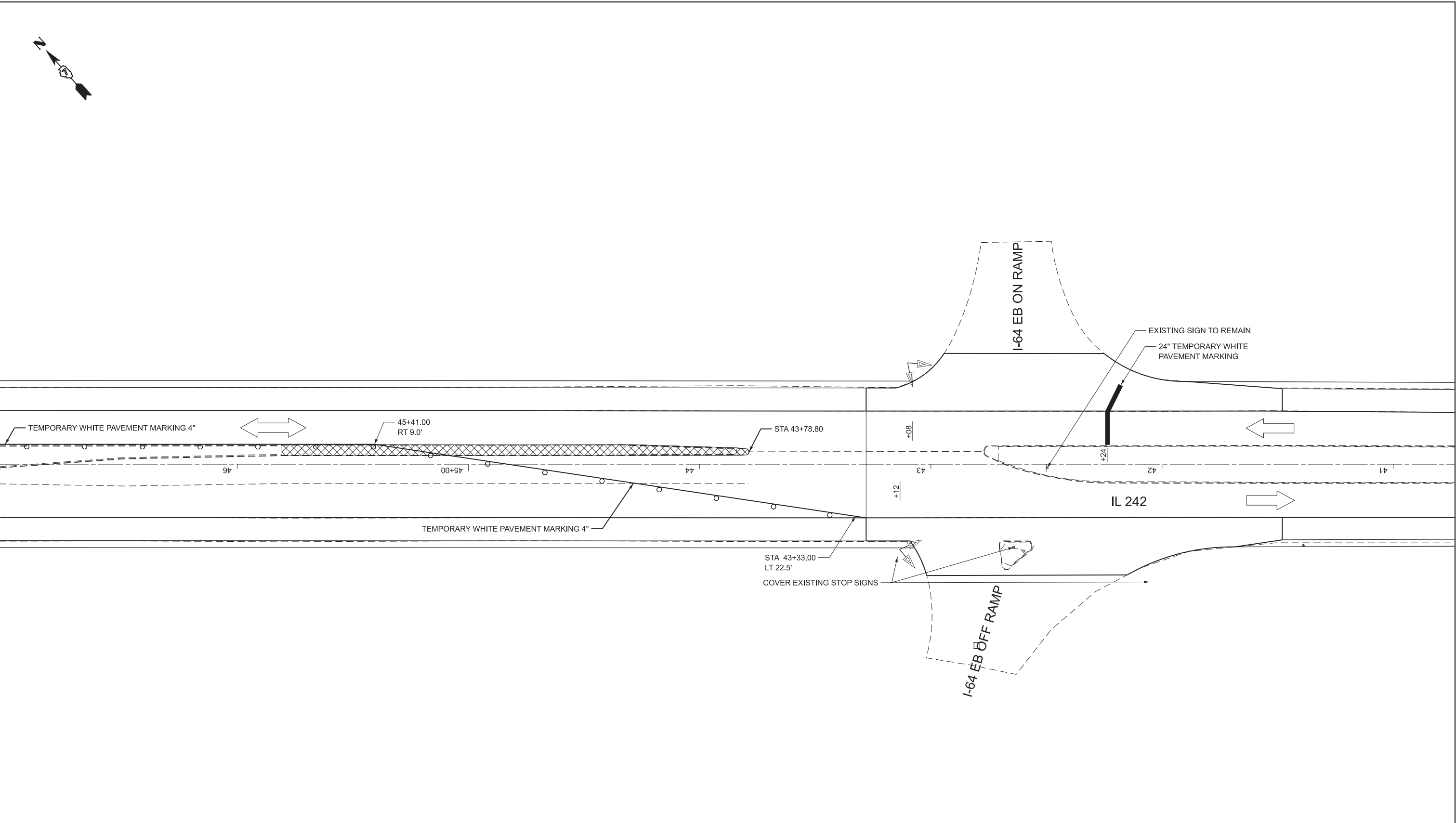
NOTE: SEE STANDARD 701316
FOR TRAFFIC CONTROL IN
ADVANCE OF STOP BARS

TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	1 EACH
TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	1 L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	1 L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	1 L SUM

	TEMPORARY BRIDGE TRAFFIC SIGNAL
	TEMPORARY DETECTOR LOOP
	DRUM WITH STEADY BURNING LIGHT
	TYPE III BARRICADE
	SEE CONCRETE MEDIAN SCHEDULE FOR ALL PAY ITEMS

	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 TRAFFIC CONTROL			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					776	*	WAYNE	81	61
		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 16	OF 20 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2)BDR, BJR		

MODEL: Stage 2-3 [Sheet]
FILE NAME: c:\p\work\work\lund\dd99830\DD74D06-eh-stage-1.dgn



NOTE: SEE STANDARD 701316
FOR TRAFFIC CONTROL IN
ADVANCE OF STOP BARS

TRAFFIC CONTROL AND PROTECTION, STANDARD 7013161 EACH

TRAFFIC CONTROL AND PROTECTION, STANDARD 7012011 L SUM

TRAFFIC CONTROL AND PROTECTION, STANDARD 7014061 L SUM

TRAFFIC CONTROL AND PROTECTION, STANDARD 7014011 L SUM

USER NAME	= levi.lund	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

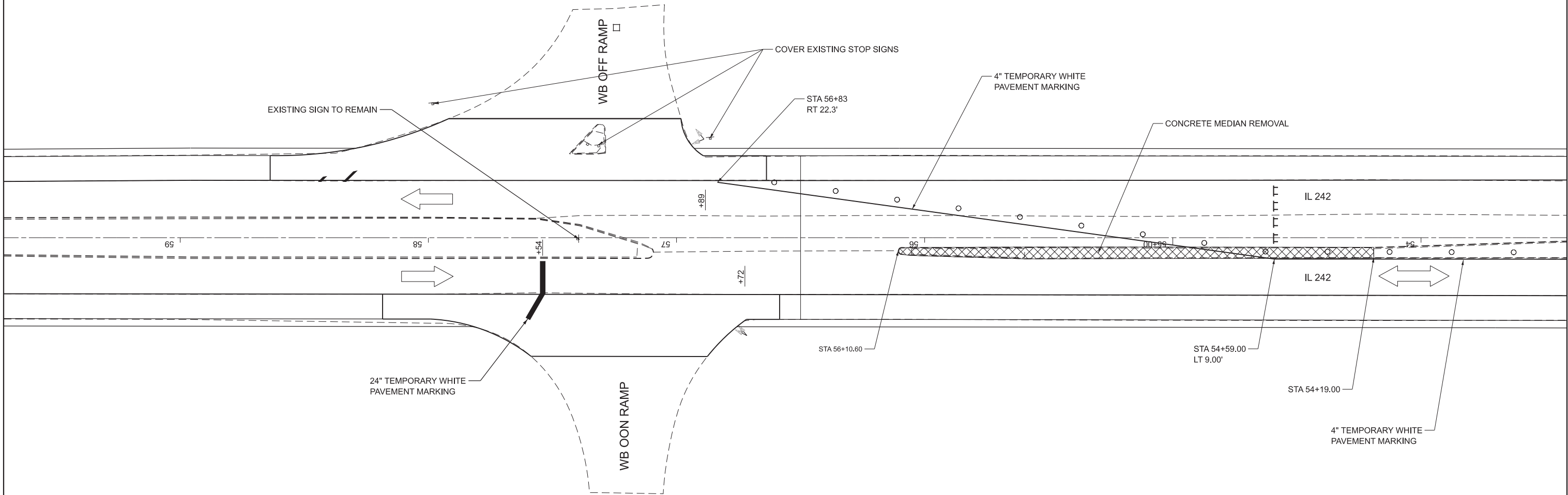
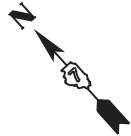
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1 TRAFFIC CONTROL

SCALE: SHEET 17 OF 20 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	62
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				

(101, 102) RS-2, (96-2)BDR, BJR



TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	1 EACH
TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	1 L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	1 L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	1 L SUM

USER NAME	= levi.lund	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2 TRAFFIC CONTROL

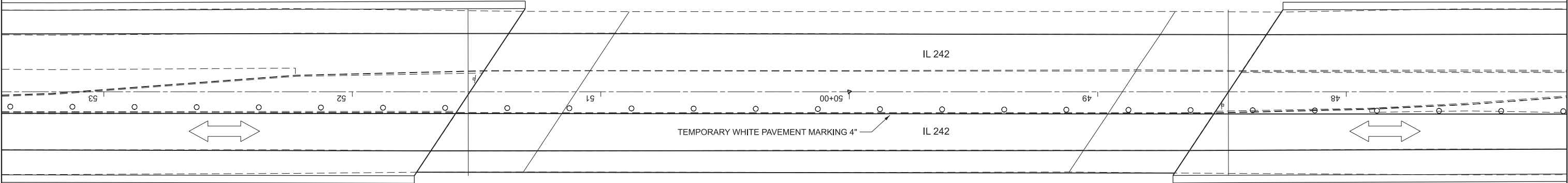
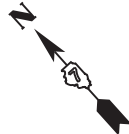
SCALE: SHEET 18 OF 20 SHEETS STA. TO STA.

NOTE: SEE STANDARD 701316
FOR TRAFFIC CONTROL IN
ADVANCE OF STOP BARS

	TEMPORARY BRIDGE TRAFFIC SIGNAL
	TEMPORARY DETECTOR LOOP
	DRUM WITH STEADY BURNING LIGHT
	TYPE III BARRICADE
	SEE CONCRETE MEDIAN SCHEDULE FOR ALL PAY ITEMS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	63
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2)BDR, BJR				

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MODEL: Stage2-2 [Sheet]
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TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 1 EACH
TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 1 L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 1 L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701406 1 L SUM

NOTE: SEE STANDARD 701316
FOR TRAFFIC CONTROL IN
ADVANCE OF STOP BARS

- TEMPORARY BRIDGE TRAFFIC SIGNAL
- TEMPORARY DETECTOR LOOP
- DRUM WITH STEADY BURNING LIGHT
- TYPE III BARRICADE
- SEE CONCRETE MEDIAN SCHEDULE FOR ALL PAY ITEMS

	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 2 TRAFFIC CONTROL			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					776	*	WAYNE	81	64
		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 19	OF 20 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2) BDR, BJR		



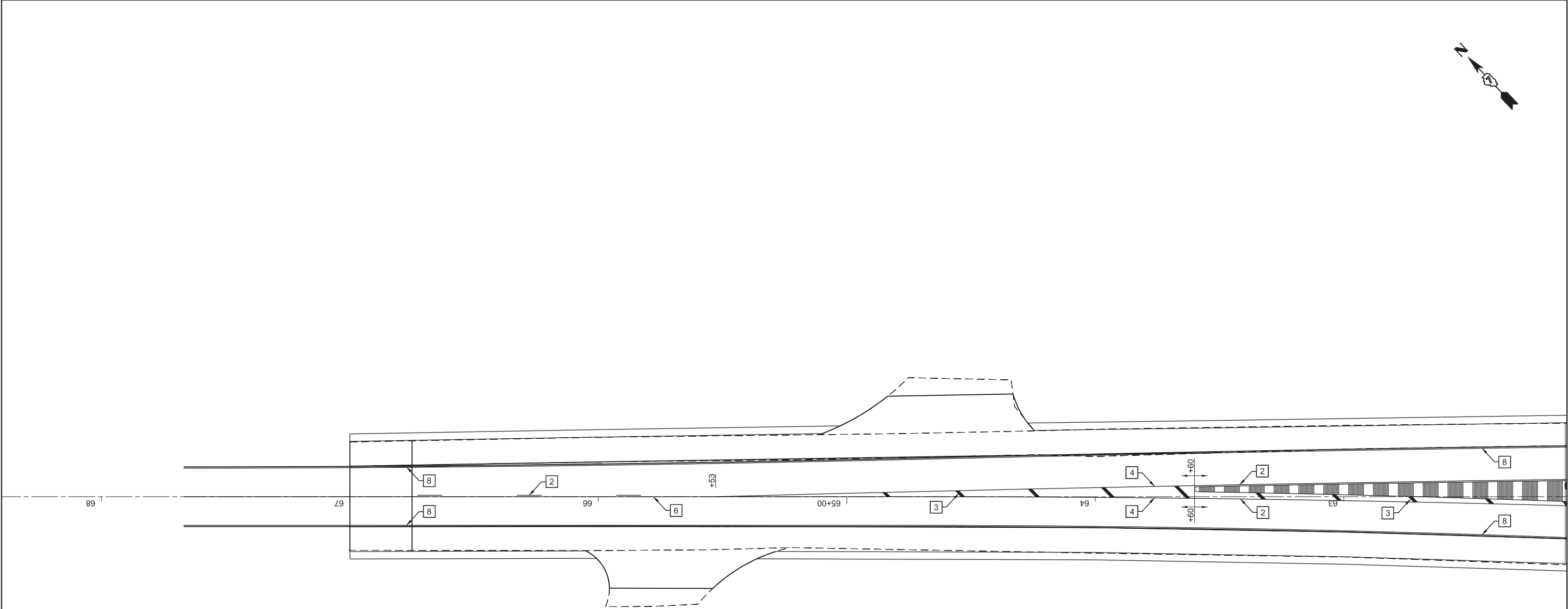
TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	1 EACH
TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	1 L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	1 L SUM
TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	1 L SUM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 20	OF 20	SHEETS	STA.	TO STA.
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(101, 102) RS-2, (96-2)BDR, BJR

MODEL: PMK1 [Sheet]
FILE NAME: c:\pw_work\pmk1\lund\dd099830\DD74D06-ah-PMK.dgn



PAVEMENT MARKING LEGEND

- 1

4" (100) SKIP-DASH (YELLOW)

2

4" (100) SOLID (YELLOW)

3

12" (300) DIAGONAL (YELLOW)

4

4" (100) DOUBLE YELLOW (NARROW)

5

12" (300) SOLID WHITE

6

4" (100) DOUBLE YELLOW (WIDE)

7

6" (150) SKIP-DASH (WHITE)

8

4" (100) SOLID (WHITE)

9

12" (300) DIAGONAL (WHITE)

10

6" (150) SOLID (WHITE)

11

24" (600) STOP BAR (WHITE)

12

8" (200) SOLID (WHITE)

13

4" (100) PARKING WHITE

14

6" (150) SOLID (YELLOW)
- 10'

30'

10'

(3.05 m)

(9.15 m)

(3.05 m)

12" (300)

45°

TRAFFIC

TRAFFIC

4" (100)

8" (200) CTS.

7" (175)

11" (275) CTS.

10'

30'

10'

(3.05 m)

(9.15 m)

(3.05 m)

TRAFFIC

45°

12" (300)

45°

12" (300)

8" (200)

24" (600)

12" (300)

12" (300)

NOT TO SCALE

USER NAME	= levi.lund	DESIGNED	-	REVISED	-
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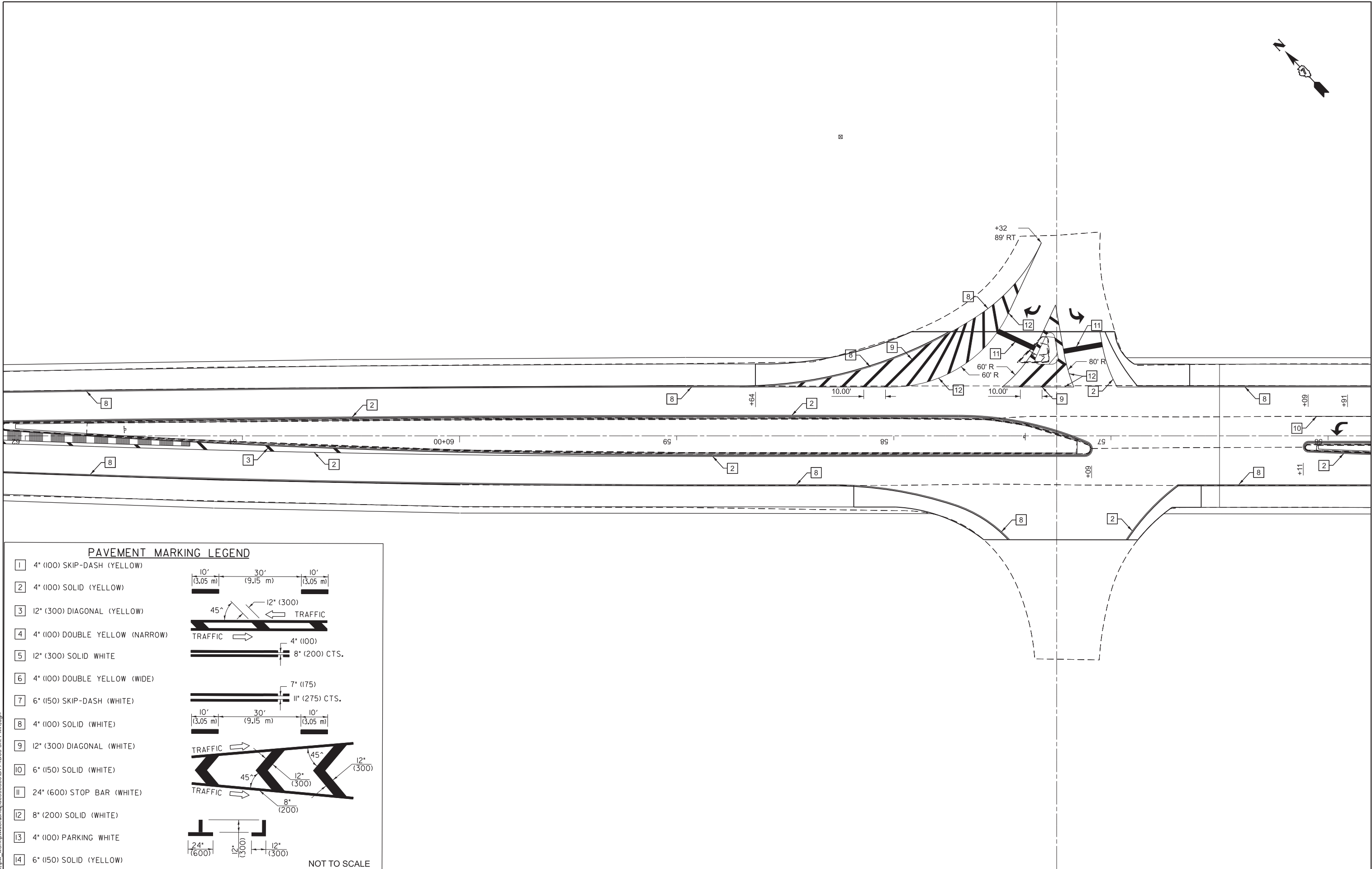
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

SCALE: SHEET 1 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	66
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2) BDR, BJR				

MODEL: PMK2 [Sheet]
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PAVEMENT MARKING LEGEND

- 1

4" (100) SKIP-DASH (YELLOW)

2

4" (100) SOLID (YELLOW)

3

12" (300) DIAGONAL (YELLOW)

4

4" (100) DOUBLE YELLOW (NARROW)

5

12" (300) SOLID WHITE

6

4" (100) DOUBLE YELLOW (WIDE)

7

6" (150) SKIP-DASH (WHITE)

8

4" (100) SOLID (WHITE)

9

12" (300) DIAGONAL (WHITE)

10

6" (150) SOLID (WHITE)

11

24" (600) STOP BAR (WHITE)

12

8" (200) SOLID (WHITE)

13

4" (100) PARKING WHITE

14

6" (150) SOLID (YELLOW)
- 10'
(3.05 m)

30'
(9.15 m)

10'
(3.05 m)

45°

12" (300)

TRAFFIC

TRAFFIC

4" (100)

8" (200) CTS.

7" (175)

11" (275) CTS.

10'
(3.05 m)

30'
(9.15 m)

10'
(3.05 m)

TRAFFIC

45°

12" (300)

45°

12" (300)

8" (200)

TRAFFIC

24" (600)

12" (300)

12" (300)

NOT TO SCALE

USER NAME	= levi.lund	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
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PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

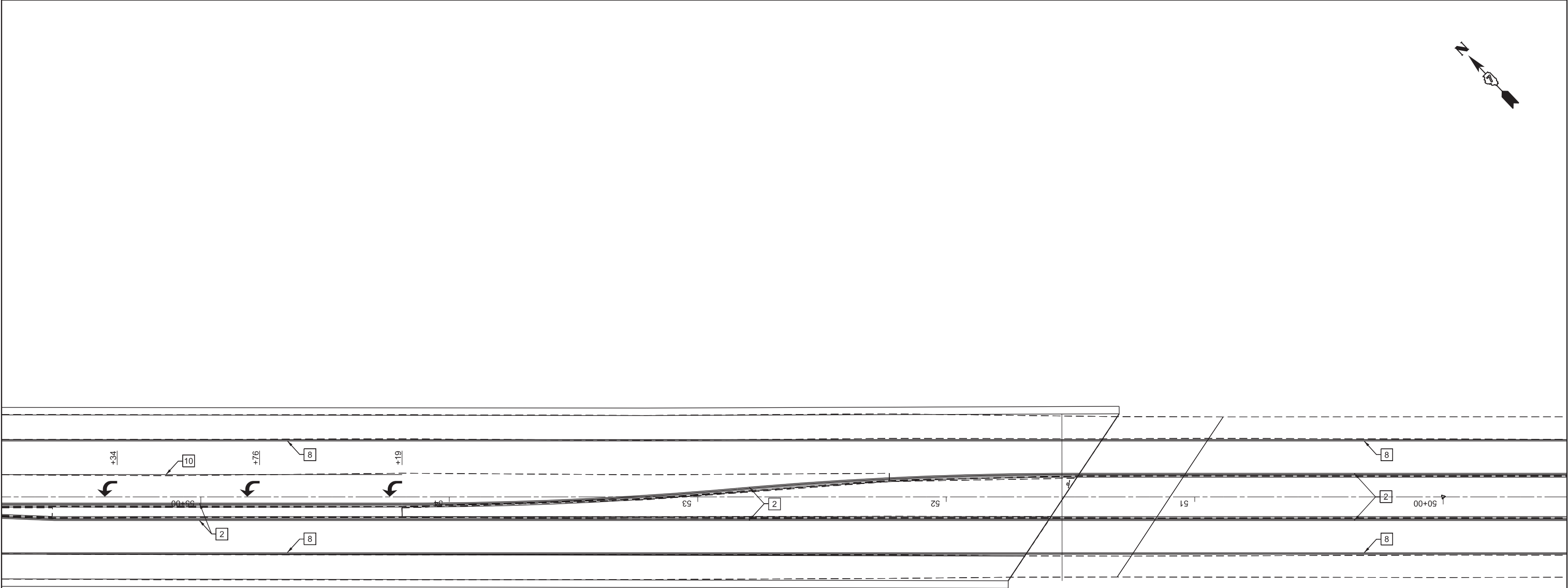
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS			
SCALE:	SHEET 2	OF 16	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	67
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				

(101, 102) RS-2, (96-2)BDR, BJR

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PAVEMENT MARKING LEGEND

- 1

4" (100) SKIP-DASH (YELLOW)

2

4" (100) SOLID (YELLOW)

3

12" (300) DIAGONAL (YELLOW)

4

4" (100) DOUBLE YELLOW (NARROW)

5

12" (300) SOLID WHITE

6

4" (100) DOUBLE YELLOW (WIDE)

7

6" (150) SKIP-DASH (WHITE)

8

4" (100) SOLID (WHITE)

9

12" (300) DIAGONAL (WHITE)

10

6" (150) SOLID (WHITE)

11

24" (600) STOP BAR (WHITE)

12

8" (200) SOLID (WHITE)

13

4" (100) PARKING WHITE

14

6" (150) SOLID (YELLOW)
- 10'

(3.05 m)

30'

(9.15 m)

10'

(3.05 m)
- 45°

12" (300)

TRAFFIC
- TRAFFIC

4" (100)

8" (200) CTS.
- 7" (175)

11" (275) CTS.
- 10'

(3.05 m)
- 30'

(9.15 m)
- 10'

(3.05 m)
- TRAFFIC

45°

12" (300)

45°

12" (300)

8" (200)
- 24" (600)

12" (300)

12" (300)

NOT TO SCALE

USER NAME	= levi.lund	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
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PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

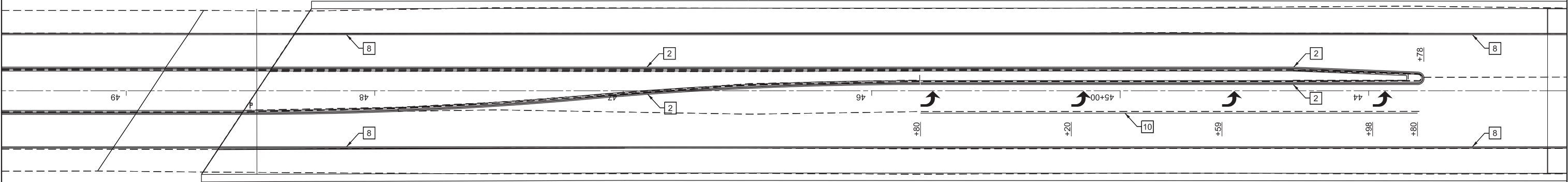
PAVEMENT MARKING DETAILS

SCALE: SHEET 3 OF 16 SHEETS STA. TO STA.

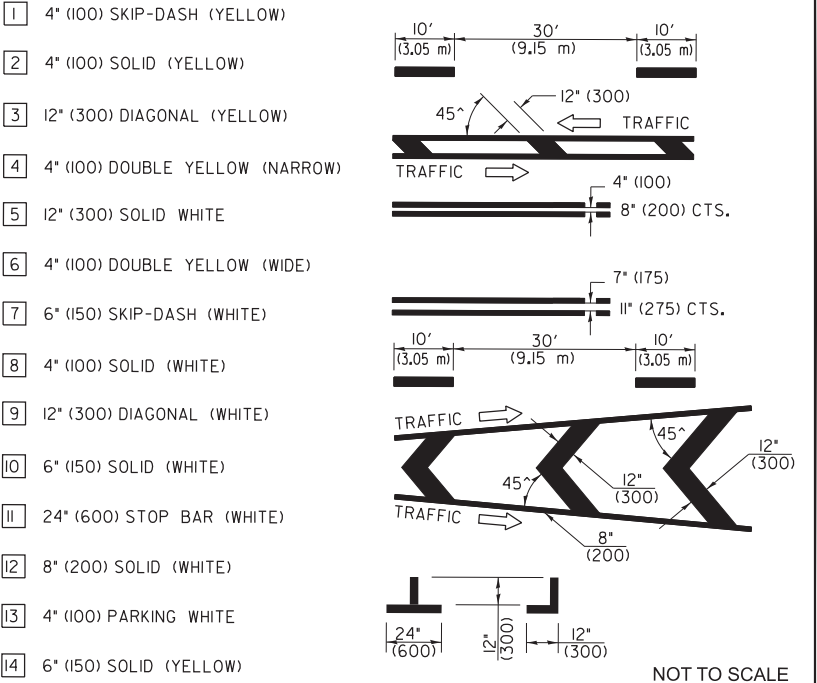
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	68
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				

(101, 102) RS-2, (96-2)BDR, BJR

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PAVEMENT MARKING LEGEND



NOT TO SCALE

USER NAME	= levi.lund	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
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PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

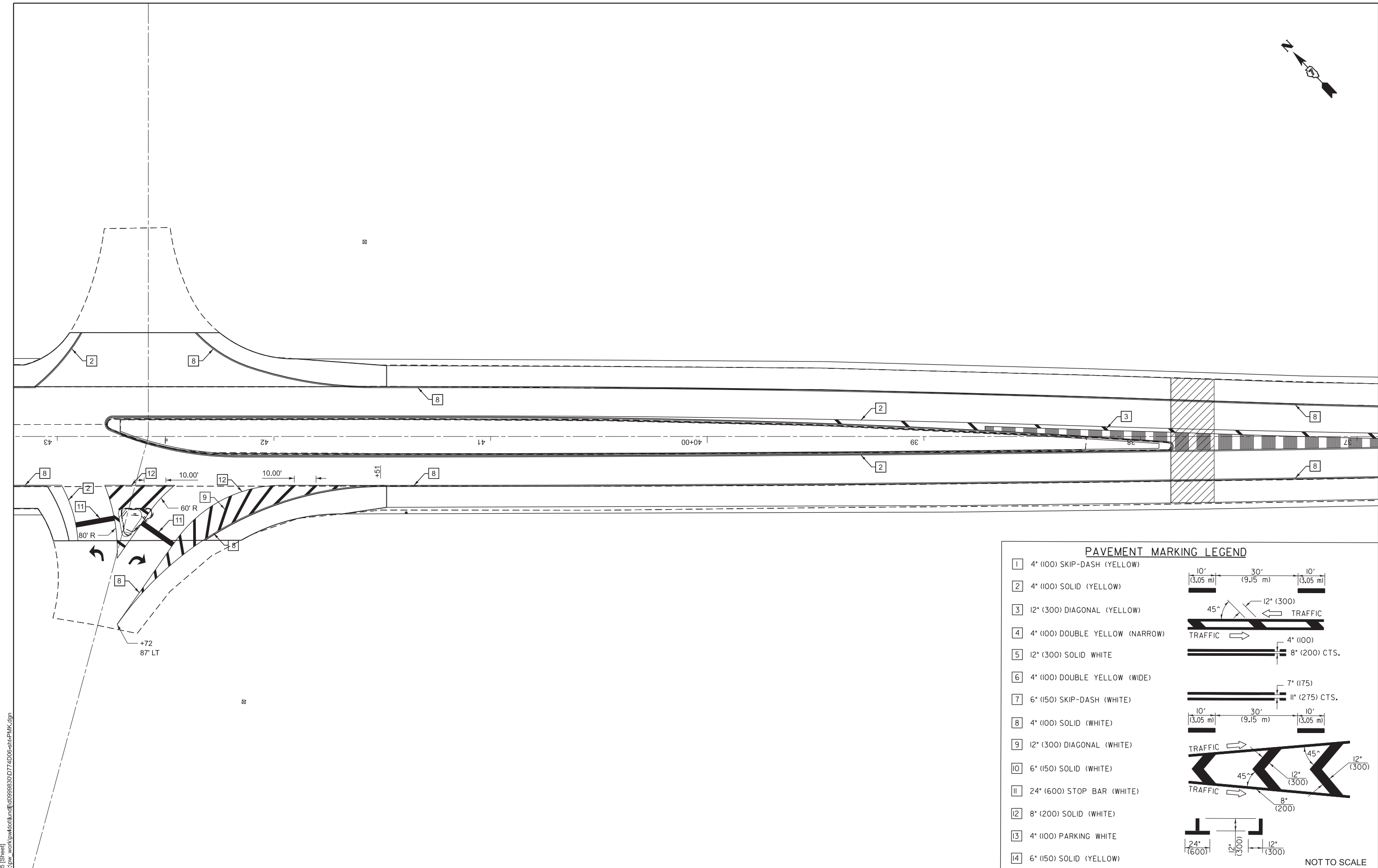
PAVEMENT MARKING DETAILS

SCALE: SHEET 4 OF 16 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	69
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				

(101, 102) RS-2, (96-2) BDR, BJR

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PAVEMENT MARKING LEGEND

1

4" (100) SKIP-DASH (YELLOW)

2

4" (100) SOLID (YELLOW)

3

12" (300) DIAGONAL (YELLOW)

4

4" (100) DOUBLE YELLOW (NARROW)

5

12" (300) SOLID WHITE

6

4" (100) DOUBLE YELLOW (WIDE)

7

6" (150) SKIP-DASH (WHITE)

8

4" (100) SOLID (WHITE)

9

12" (300) DIAGONAL (WHITE)

10

6" (150) SOLID (WHITE)

11

24" (600) STOP BAR (WHITE)

12

8" (200) SOLID (WHITE)

13

4" (100) PARKING WHITE

14

6" (150) SOLID (YELLOW)

10'
(3.05 m)

30'
(9.15 m)

10'
(3.05 m)

45°

12" (300)

TRAFFIC

TRAFFIC

4" (100)

8" (200) CTS.

7" (175)

11" (275) CTS.

10'
(3.05 m)

30'
(9.15 m)

10'
(3.05 m)

TRAFFIC

45°

12" (300)

45°

12" (300)

8" (200)

24" (600)

12" (300)

12" (300)

NOT TO SCALE

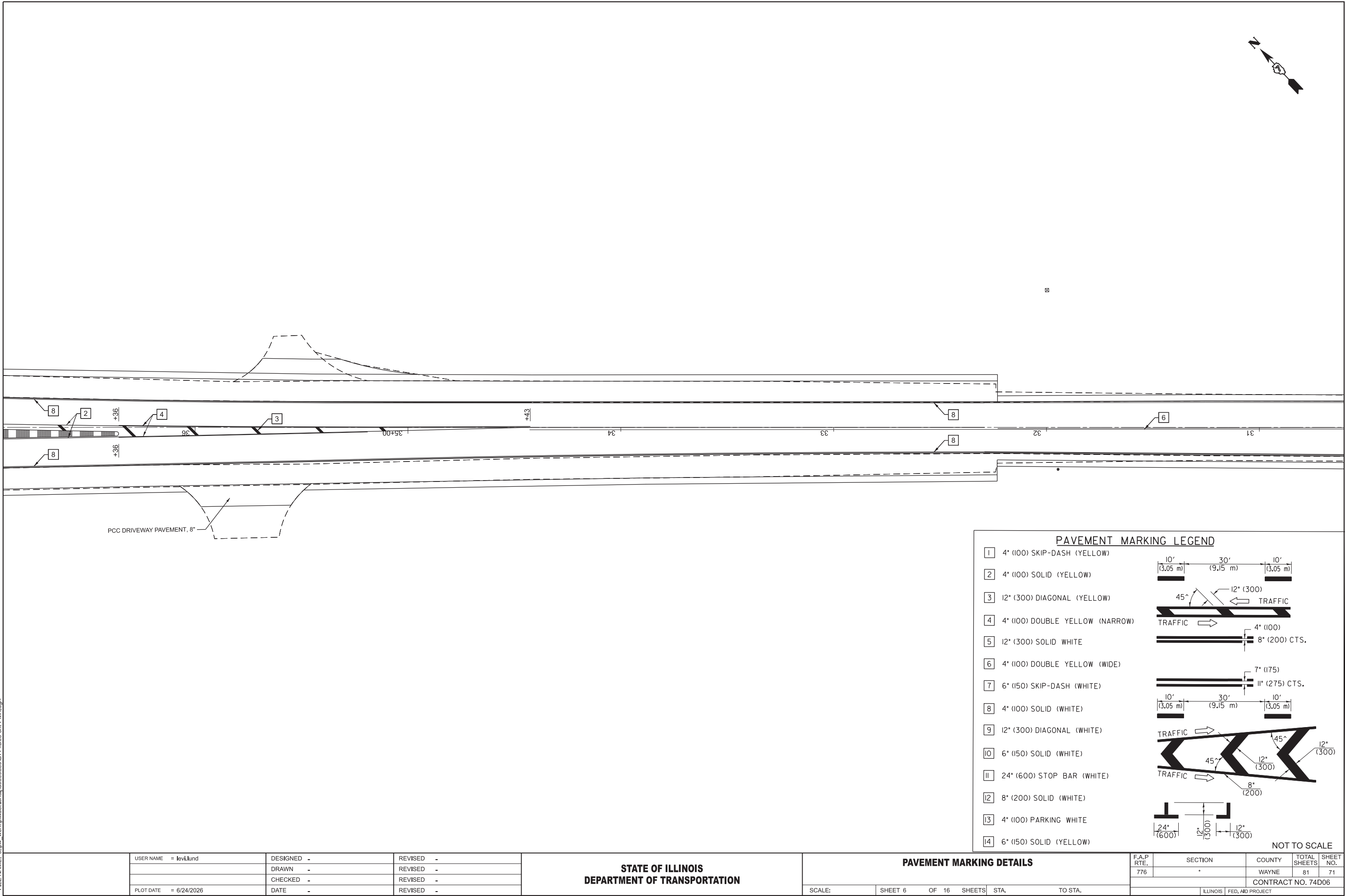
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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

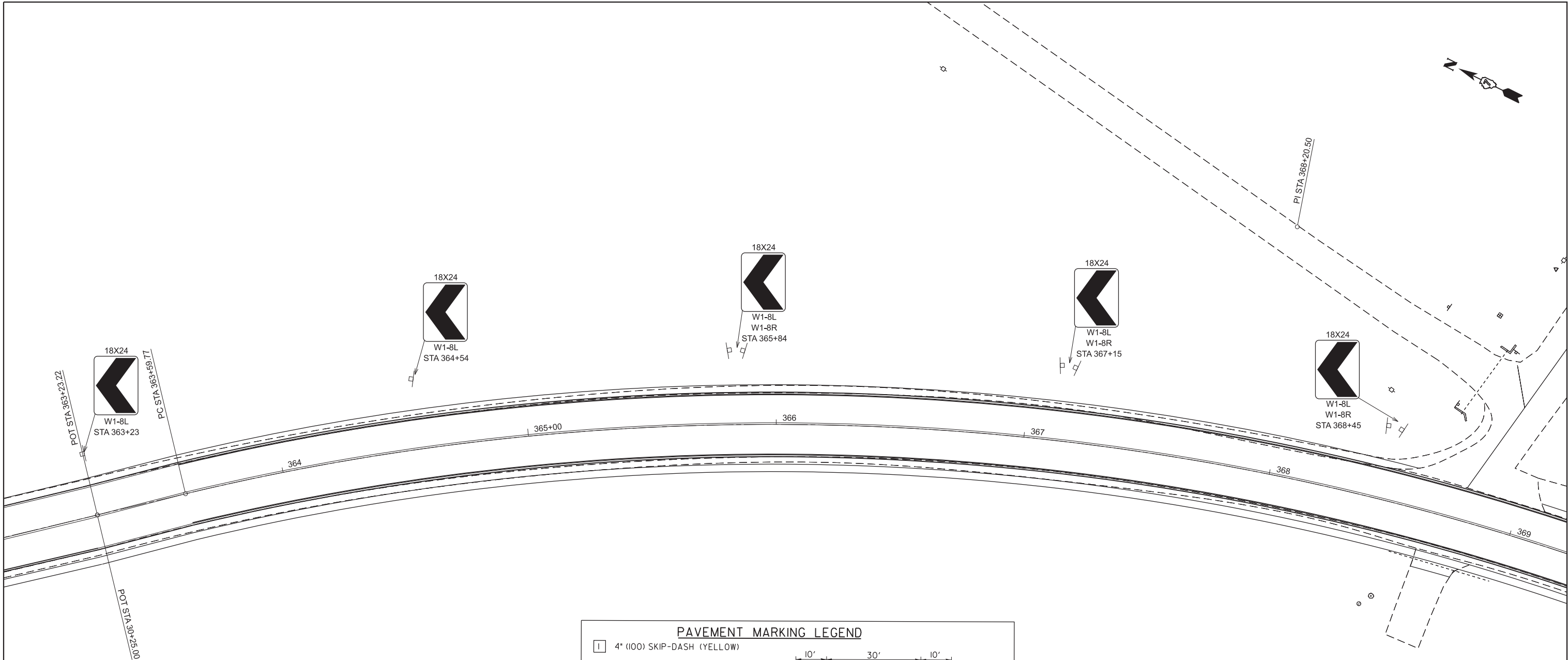
PAVEMENT MARKING DETAILS			
SCALE:	SHEET 5	OF 16 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	70
CONTRACT NO. 74D06				

ILLINOIS FED. AID PROJECT
(101, 102) RS-2, (96-2)BDR, BJR



MODEL: PMK7 (Sheet)
FILE NAME: c:\pw_work\pwk\tdl\und\fd998830\0774D06-ah-PMK.dgn



PAVEMENT MARKING LEGEND

- | | | |
|----|---------------------------------|--|
| 1 | 4" (100) SKIP-DASH (YELLOW) | |
| 2 | 4" (100) SOLID (YELLOW) | |
| 3 | 12" (300) DIAGONAL (YELLOW) | |
| 4 | 4" (100) DOUBLE YELLOW (NARROW) | |
| 5 | 12" (300) SOLID WHITE | |
| 6 | 4" (100) DOUBLE YELLOW (WIDE) | |
| 7 | 6" (150) SKIP-DASH (WHITE) | |
| 8 | 4" (100) SOLID (WHITE) | |
| 9 | 12" (300) DIAGONAL (WHITE) | |
| 10 | 6" (150) SOLID (WHITE) | |
| 11 | 24" (600) STOP BAR (WHITE) | |
| 12 | 8" (200) SOLID (WHITE) | |
| 13 | 4" (100) PARKING WHITE | |
| 14 | 6" (150) SOLID (YELLOW) | |

NOT TO SCALE

EX CURVE
PI STA = 368+20.50
 Δ = 48°57'27" (RT)
D = 05°39'42"
R = 1,011.97'
T = 460.73'
L = 864.70'
E = 99.94'
e =
PC STA = 363+59.77
PT STA = 372+24.24 BK =
372+87.50 AH

USER NAME	= levi.lund	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNAGE DETAILS

SCALE: SHEET 7 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	72
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT				

(101, 102) RS-2, (96-2)BDR, BJR

MODEL: PMK8 [Sheet]
FILE NAME: c:\pw_work\pwork\lund\dd99830\0774D06-ah-PMK.dgn

EX CURVE
PI STA = 368+20.50
 $\Delta = 48^{\circ}57'27''$ (RT)
D = $05^{\circ}39'42''$
R = 1,011.97'
T = 460.73'
L = 864.70'
E = 99.94'
e = _____
PC STA = 363+59.77
PT STA = 372+24.24 BK =
372+87.50 AH

USER NAME	= levi.lund
PLOT DATE	= 6/24/2026

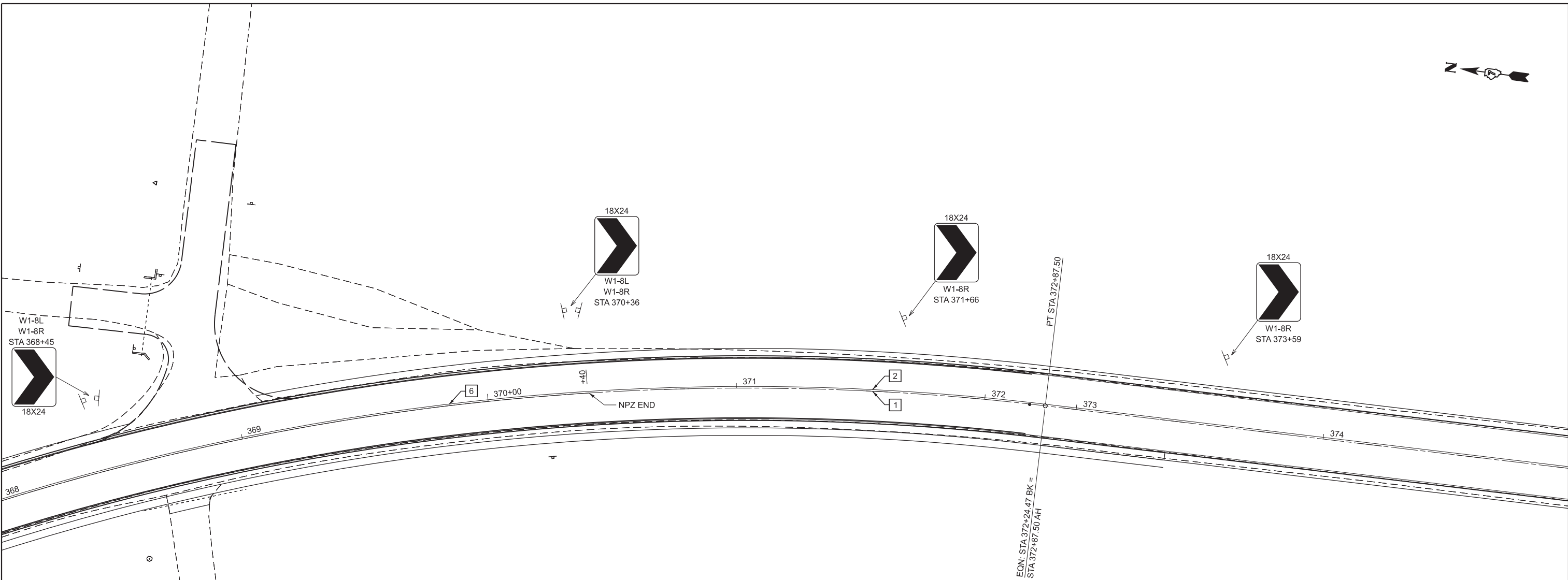
DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNAGE DETAILS

SCALE: SHEET 8 OF 16 SHEETS STA. TO STA.

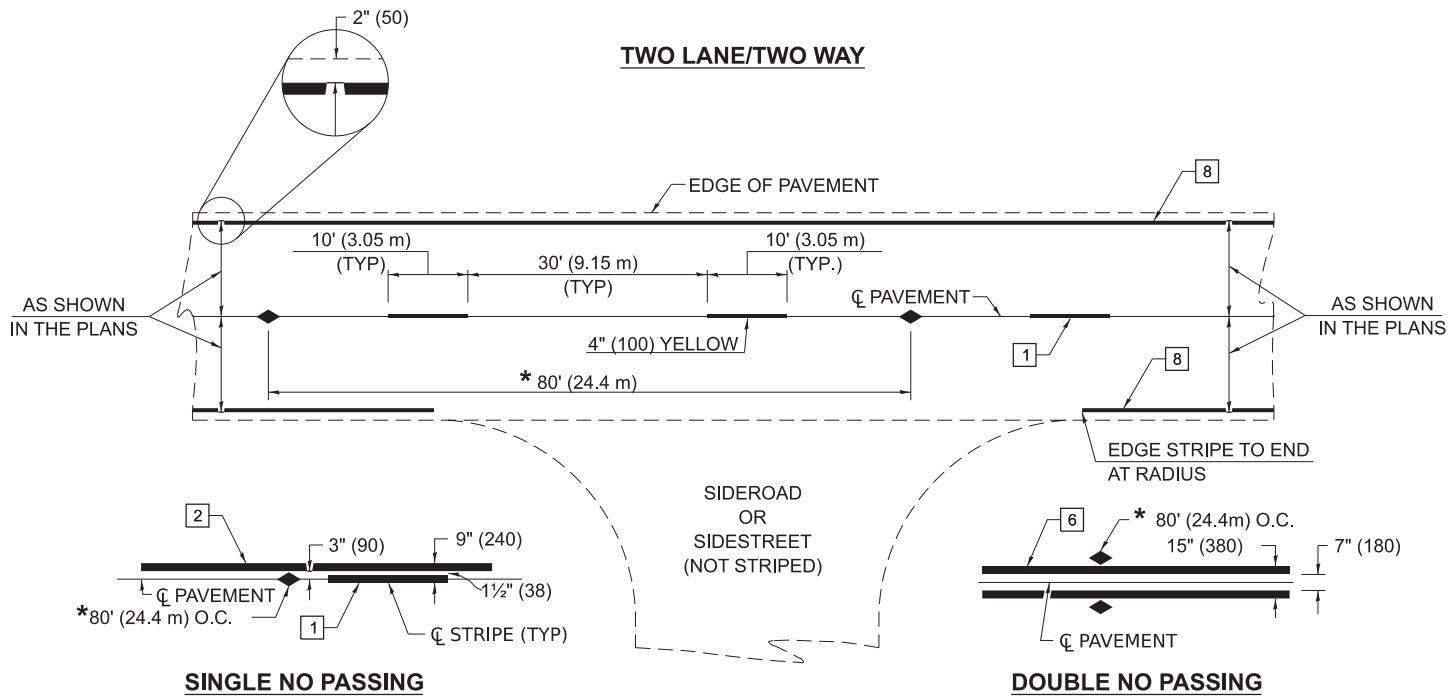
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	73
CONTRACT NO. 74D06				
ILLINOIS FED. AID PROJECT (101, 102) RS-2, (96-2)BDR, BJR				



PAVEMENT MARKING LEGEND

- | | |
|-------------------------------------|--|
| [1] 4" (100) SKIP-DASH (YELLOW) | |
| [2] 4" (100) SOLID (YELLOW) | |
| [3] 12" (300) DIAGONAL (YELLOW) | |
| [4] 4" (100) DOUBLE YELLOW (NARROW) | |
| [5] 12" (300) SOLID WHITE | |
| [6] 4" (100) DOUBLE YELLOW (WIDE) | |
| [7] 6" (150) SKIP-DASH (WHITE) | |
| [8] 4" (100) SOLID (WHITE) | |
| [9] 12" (300) DIAGONAL (WHITE) | |
| [10] 6" (150) SOLID (WHITE) | |
| [11] 24" (600) STOP BAR (WHITE) | |
| [12] 8" (200) SOLID (WHITE) | |
| [13] 4" (100) PARKING WHITE | |
| [14] 6" (150) SOLID (YELLOW) | |

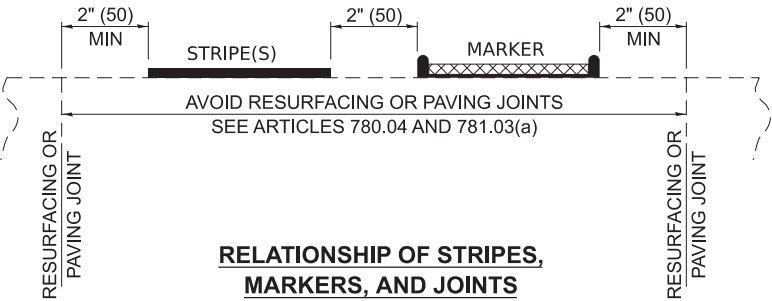
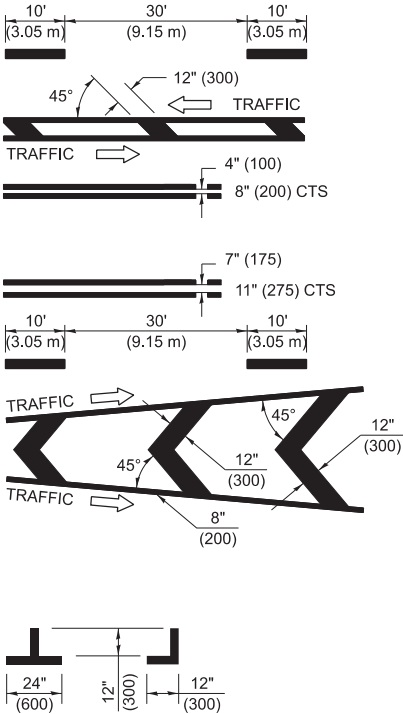
NOT TO SCALE



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 MPH (70 km/h) OR LESS.

PAVEMENT MARKERS LEGEND

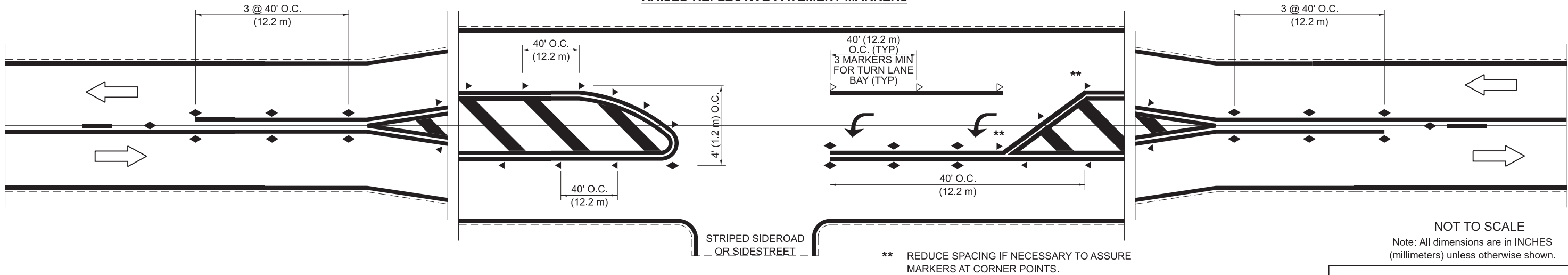
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID (WHITE)
- 6 4" (100) DOUBLE YELLOW (WIDE)
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING (WHITE)



TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RAISED REFLECTIVE PAVEMENT MARKERS



NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

USER NAME	= levi.lund	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVISED	-
CHECKED	-	REVIS	-	REVISED	-
DATE	-	REVIS	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

SCALE: SHEET 9 OF 16 SHEETS STA. TO STA.

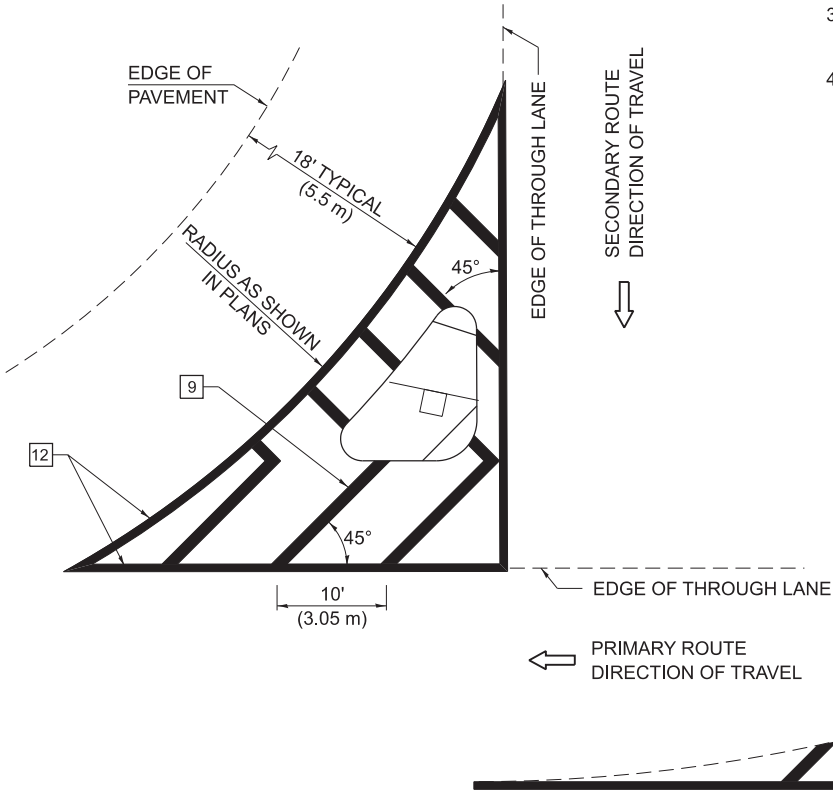
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	74
CONTRACT NO. 74D06				

ILLINOIS FED. AID PROJECT
(101, 102) RS-2, (96-2)BDR, BJR

MODEL: Detail#2 (Sheet)
FILE NAME: c:\pw\work\pav\detail\dd999830\DD74D06-shh-details.dgn

ISLANDS

OPTION 1

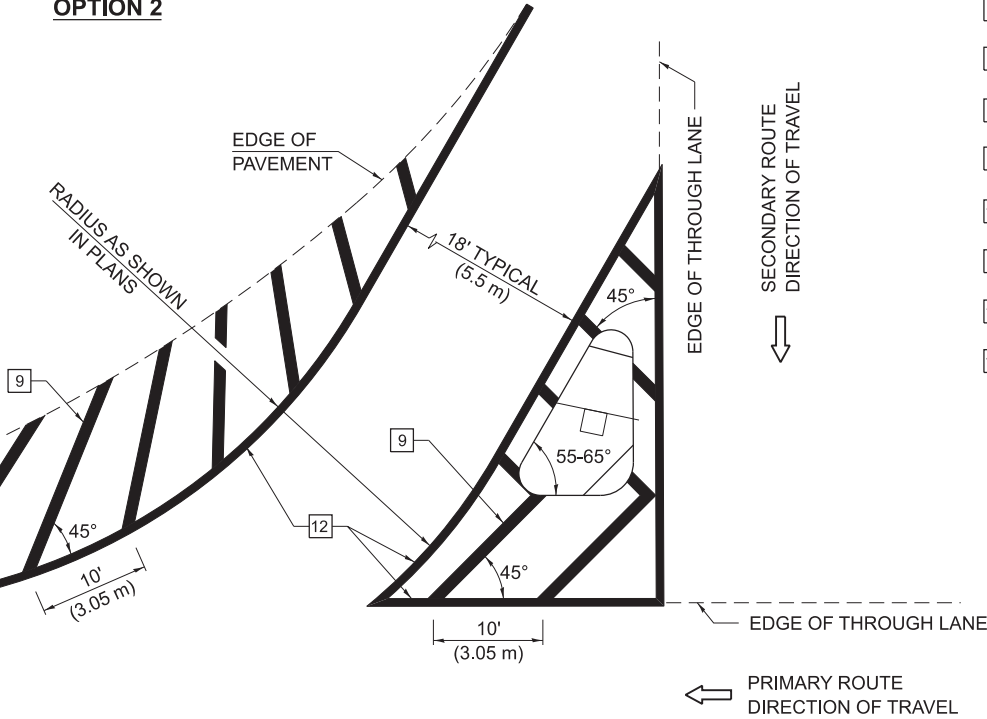


GENERAL NOTES

1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2].
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

<30 MPH (<50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
>45 MPH (>75 km/h)	30' (9.0 m)
6. THE USE OF ISLAND STRIPING OPTION 1 OR OPTION 2 SHALL BE AS SHOWN ON THE PLANS.

OPTION 2



PAVEMENT MARKING LEGEND

[1] 4" (100) SKIP-DASH (YELLOW)

[2] 4" (100) SOLID (YELLOW)

[3] 12" (300) DIAGONAL (YELLOW)

[4] 4" (100) DOUBLE YELLOW (NARROW)

[5] 12" (300) SOLID (WHITE)

[6] 4" (100) DOUBLE YELLOW (WIDE)

[7] 6" (150) SKIP-DASH (WHITE)

[8] 4" (100) SOLID (WHITE)

[9] 12" (300) DIAGONAL (WHITE)

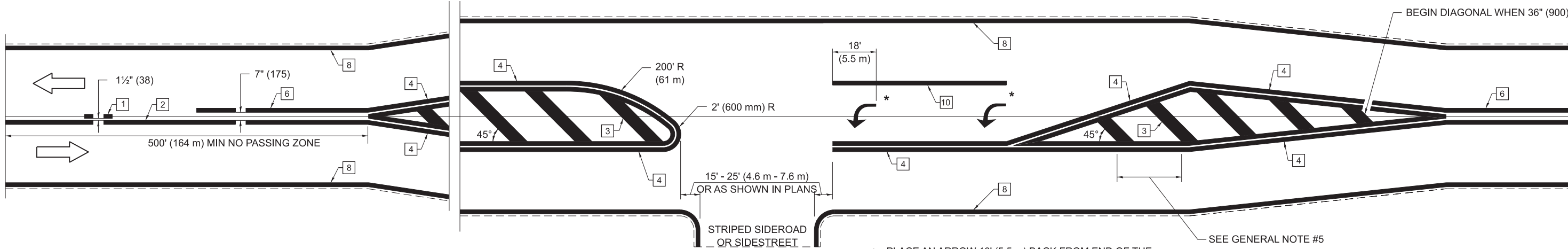
[10] 6" (150) SOLID (WHITE)

[11] 24" (600) STOP BAR (WHITE)

[12] 8" (200) SOLID (WHITE)

[13] 4" (100) PARKING (WHITE)

RURAL LEFT TURN STRIPING



* PLACE AN ARROW 18' (5.5 m) BACK FROM END OF THE SOLID WHITE LINE. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

USER NAME	= levi.lund	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVISED	-
CHECKED	-	REVIS	-	REVISED	-
DATE	-	REVIS	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

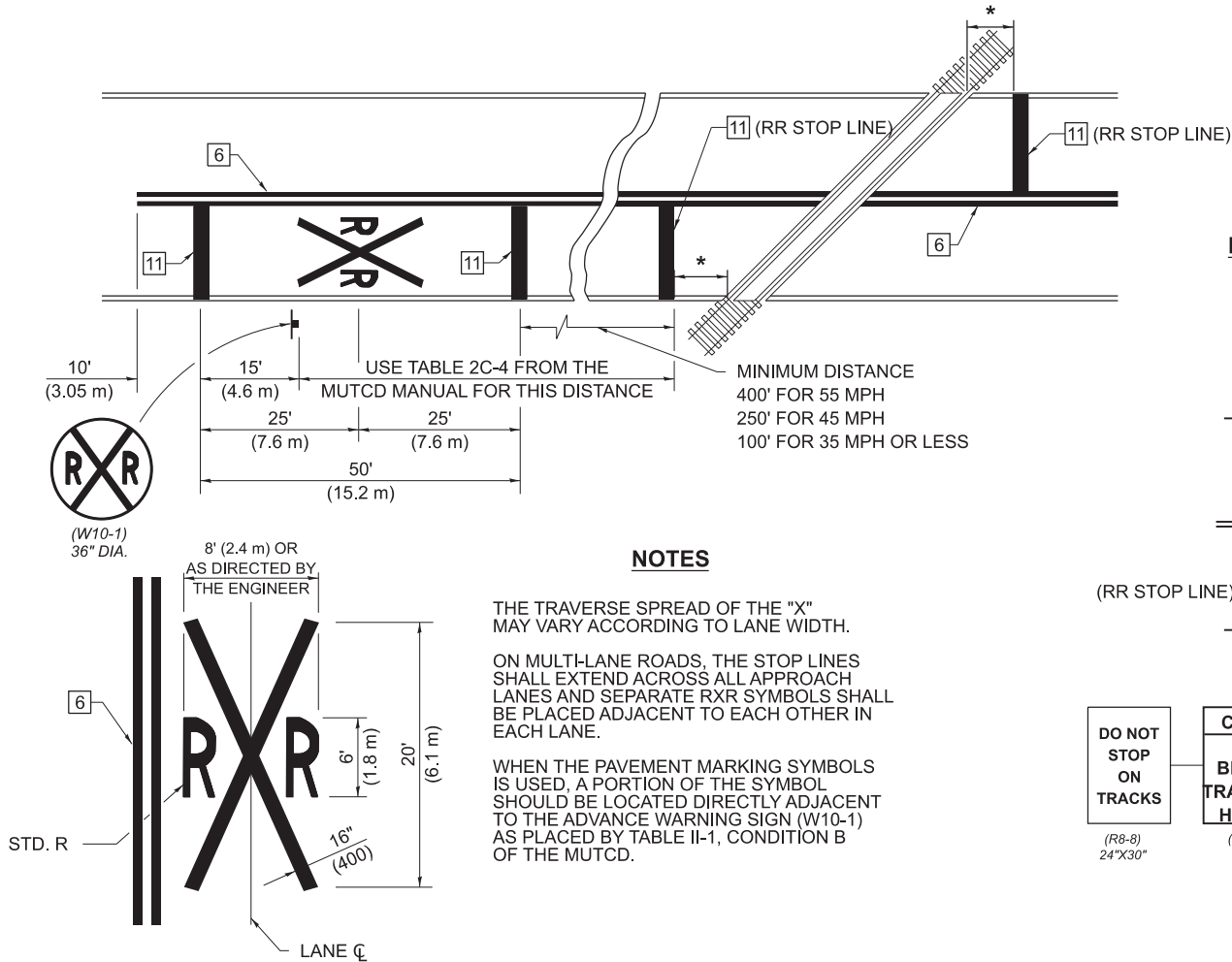
SCALE: SHEET 11 OF 16 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	76
CONTRACT NO. 74D06				

ILLINOIS FED. AID PROJECT
(101, 102) RS-2, (96-2)BDR, BJR

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



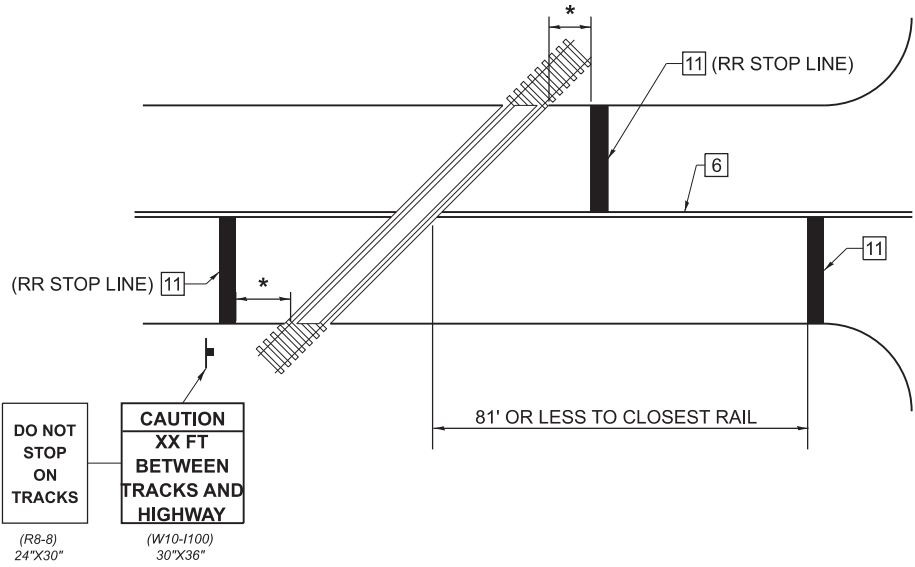
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

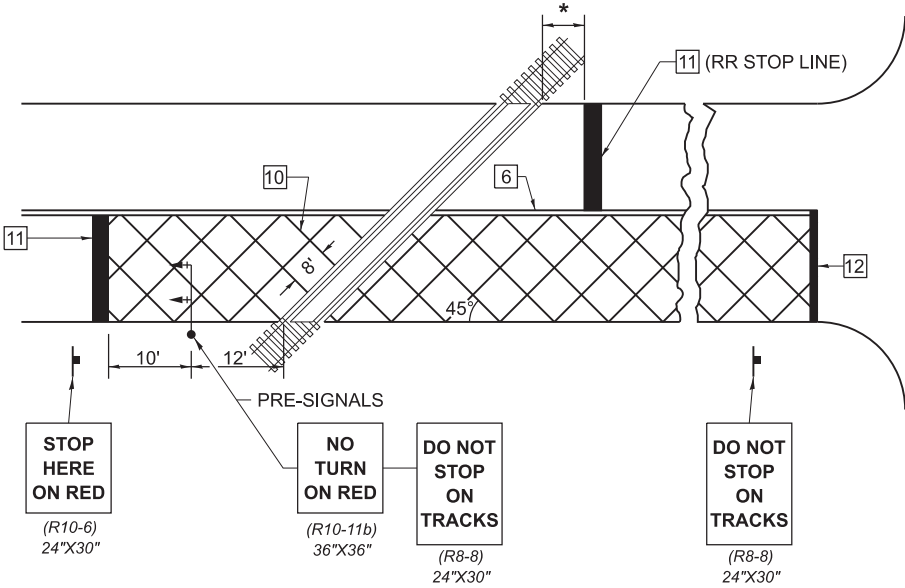
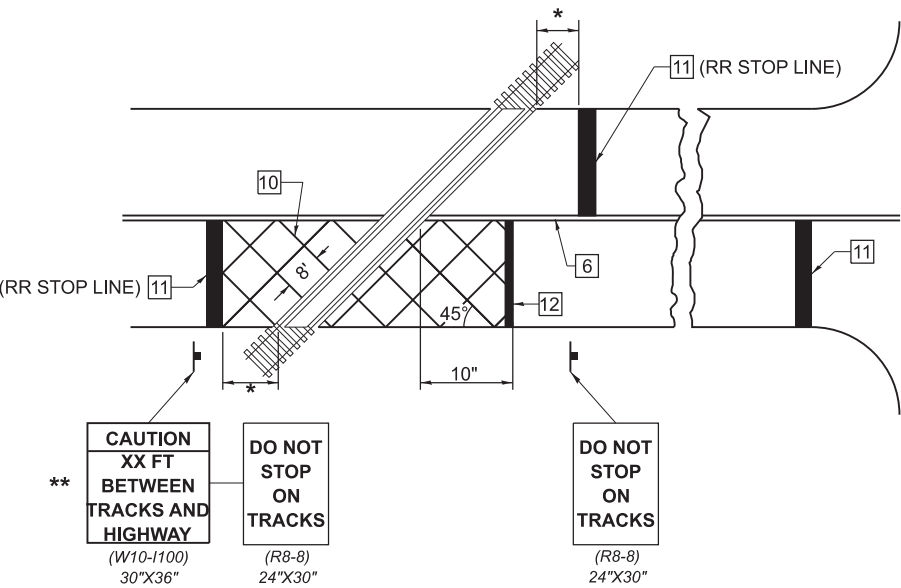
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOLS IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

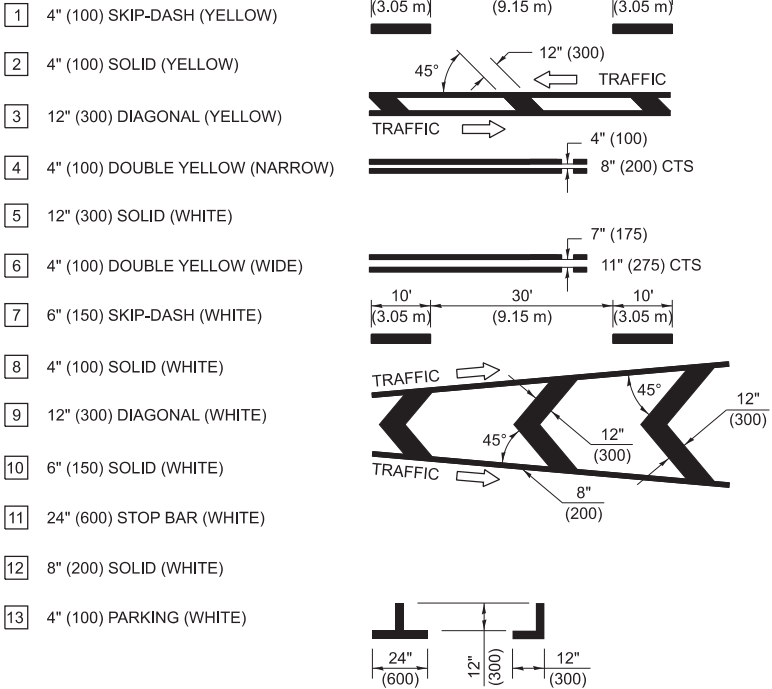
RAILROAD CROSSING WITH NON-SIGNALIZED INTERSECTION



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKING LEGEND



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE PRE-SIGNALS ARE USED.
- WHEN PEDESTRIAN SIGNALS ARE PRESENT WITH INTERCONNECTED SIGNALS, WARNING SIGN W10-101 (18"x24") SHALL BE PLACED NEAR EACH PEDESTRIAN SIGNAL HEAD. COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL NOT BE UTILIZED ALONG WITH INTERCONNECTED SIGNALS.
- PLEASE REFER TO THE IDOT BUREAU OF OPERATION MEMO OPS T-06 DATED DECEMBER 1, 2020 FOR ADDITIONAL INFORMATION.

CAUTION
WALK TIME
SHORTENED
WHEN TRAIN
APPROACHES

(W10-101)
18"x24"

- * 15' FROM NEAR RAIL OR 8' FROM AND PARALLEL TO GATE IF PRESENT
- ** WARNING SIGN W10-100 SHALL BE USED AS AN INTERIM MEASURE AT INTERCONNECTED SIGNAL LOCATIONS WHERE PRE-SIGNALS ARE TO BE INSTALLED IN THE FUTURE. THIS SIGN SHALL BE REMOVED WHEN THE PRE-SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS ARE EXTENDED TO THE INTERSECTION.

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	77
CONTRACT NO. 74D06				

ILLINOIS FED. AID PROJECT
(101, 102) RS-2, (96-2) BDR, BJR

MODEL: Details (Sheet)
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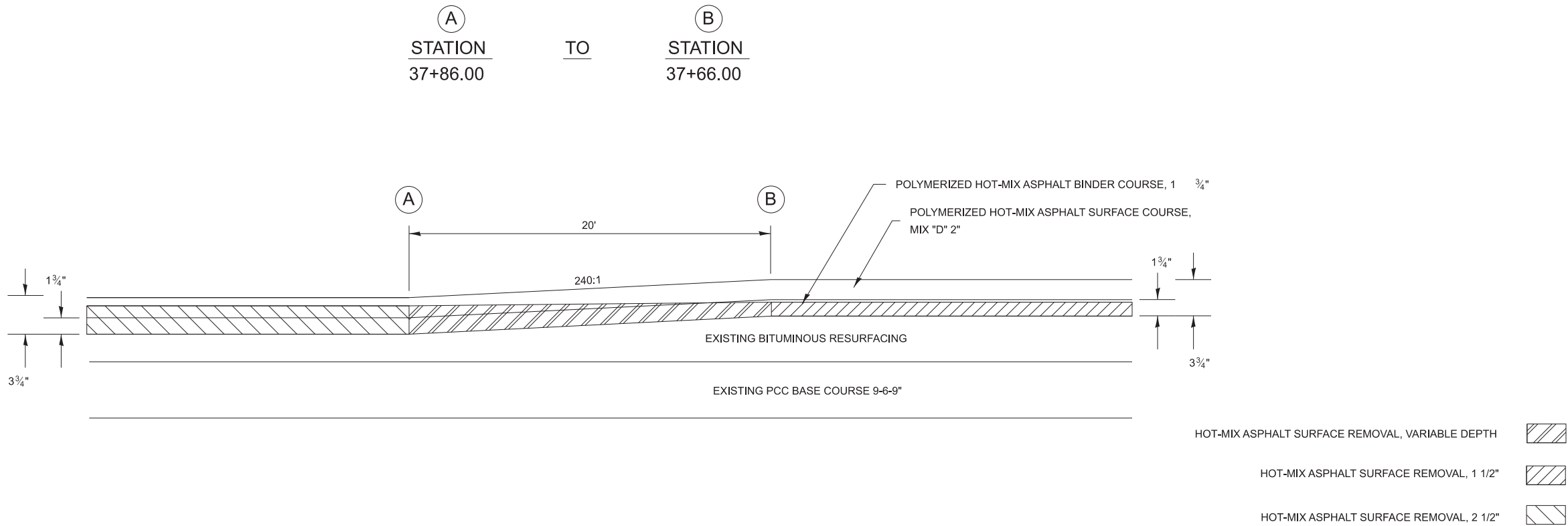
USER NAME = levi.lund	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/24/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

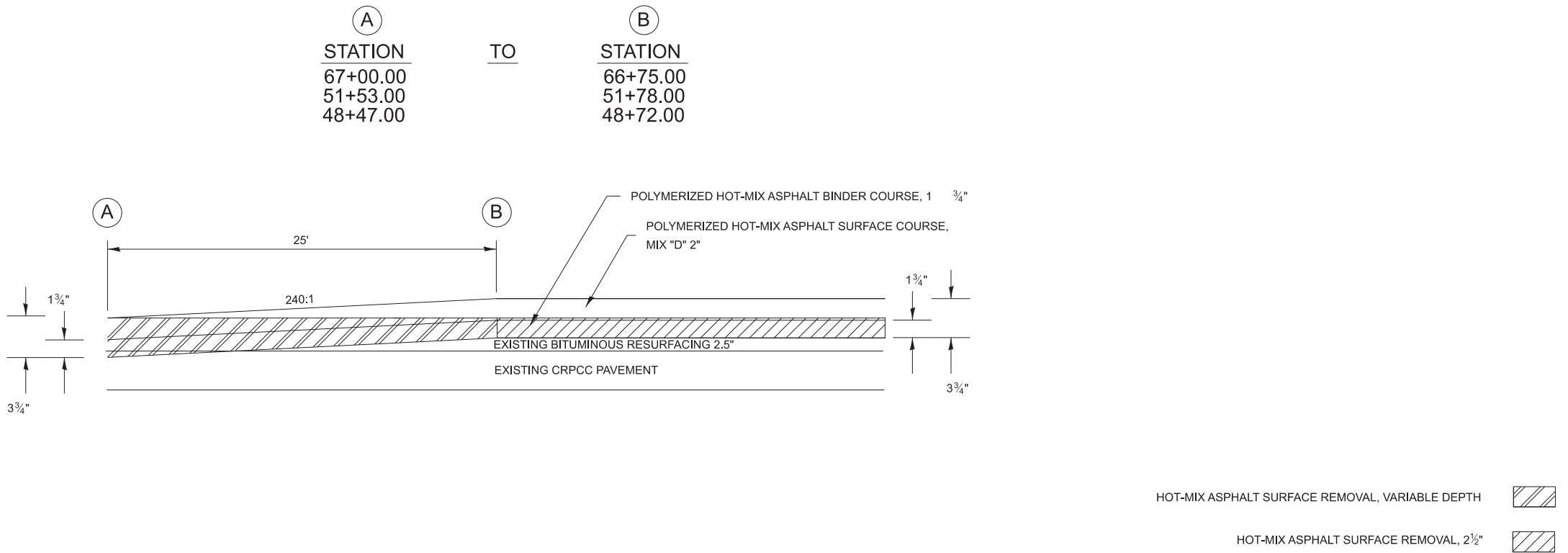
PAVEMENT MARKING DETAILS

SCALE: SHEET 12 OF 16 SHEETS STA. TO STA.

VARIABLE DEPTH SURFACE REMOVAL DETAILS



BUTT JOINT DETAILS

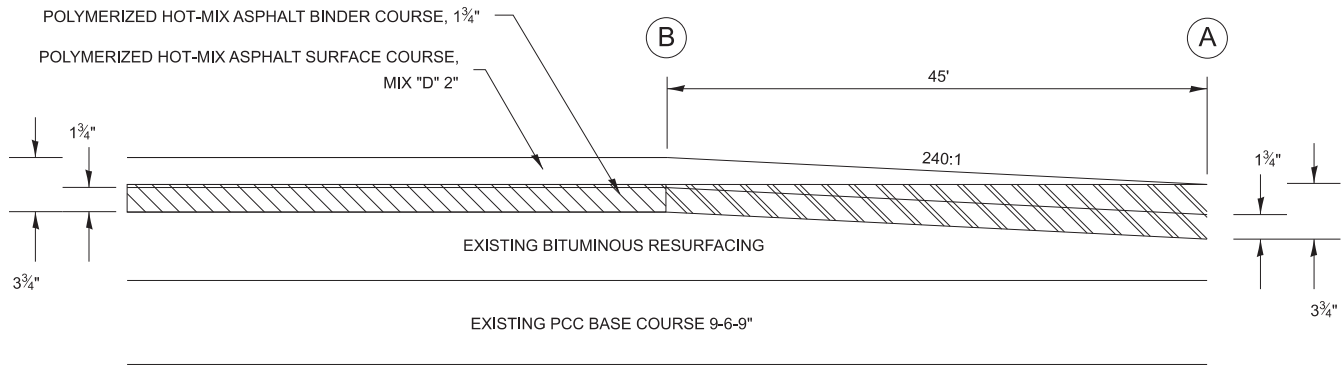


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FILE NAME: c:\pawork\pawork\lund\dd099830\DD74D06-sh-detaills.dgn

	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT DETAILS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					776	*	WAYNE	81	79
		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 14	OF 16	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

BUTT JOINT DETAILS

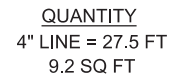
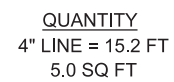
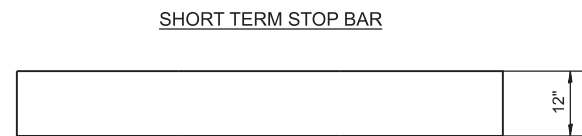
(B)
 STATION
 395+39.00
 TO
 (A)
 STATION
 395+84.00



- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

MODEL: HMA Detail-1 [Sheet]
 FILE NAME: c:\pw_work\pw\detail\detail.dgn

	USER NAME = levi.lund	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT DETAILS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					776	*	WAYNE	81	80
		CHECKED -	REVISED -					CONTRACT NO. 74D06				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE:	SHEET 15	OF 16	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



DISTRICT 7 DETAIL NO. 70300001

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	*	WAYNE	81	81
		CONTRACT NO. 74D06		
		ILLINOIS FED. AID PROJECT		

(101, 102) RS-2, (96-2)BDR, BJR