

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	1
ILLINOIS CONTRACT NO. 74A26				

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT 4725 (2023)

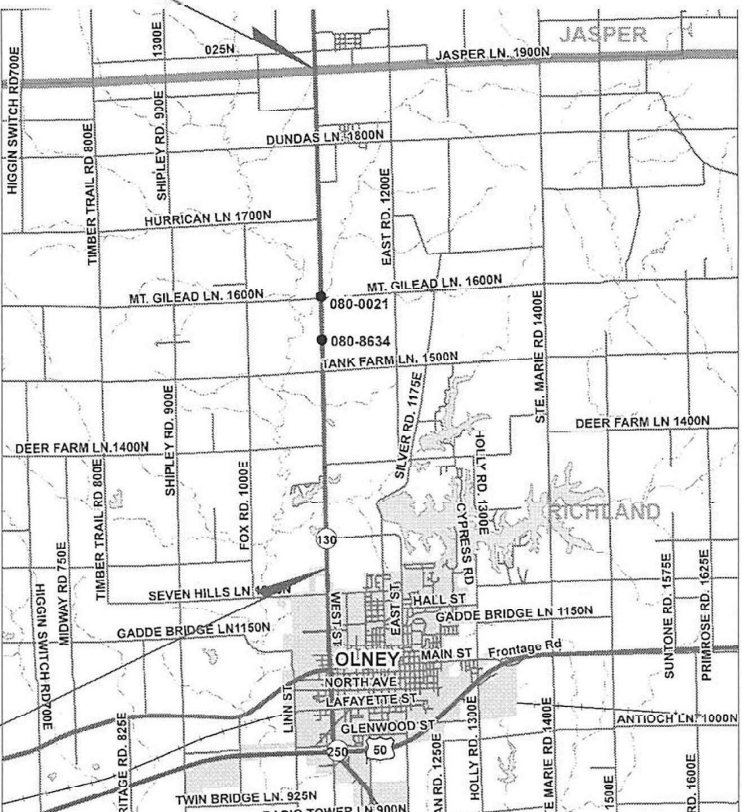
STRUCTURE OMISSION

080-0009 - STA. 896+32 TO STA. 897+69

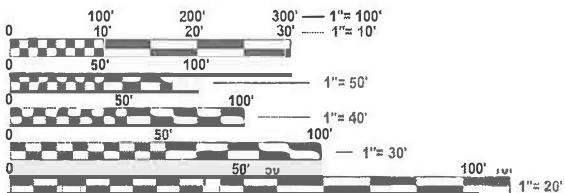
PROPOSED HIGHWAY PLANS

FAP ROUTE 116 (ILL 130)
SECTION 12RS-5,(121,122,123Z)RS-4
PROJECT STP-HSIP-SLPY(581)
DESIGNED OVERLAY, FLASHING BEACON,
AND BRIDGE REPAIRS
RICHLAND COUNTY
C-97-116-20

PROJECT BEGINS
STATION 582+91



PROJECT ENDS
STATION 937+77



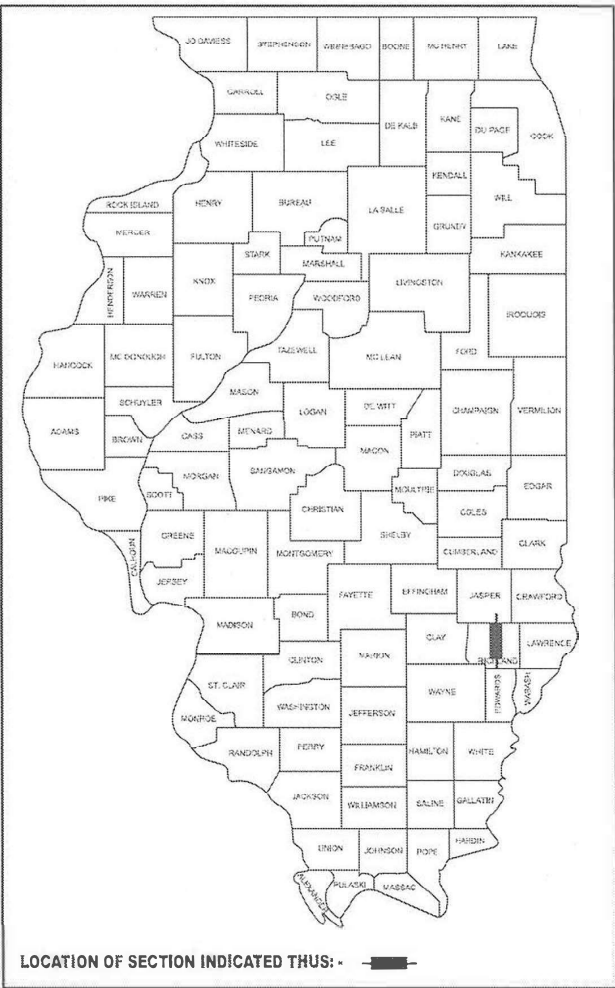
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: MATHEW BOWER
PROJECT MANAGER: KALEB HIRTZEL
PHONE: (217) 342-8256

CONTRACT NO. 74A26

GROSS LENGTH = 35,486 FT. = 6.72 MILE
NET LENGTH = 35,349 FT. = 6.69 MILE



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 30 2025
Loe Rensing REGIONAL ENGINEER

March 21 2025
Scott A. Etk ENGINEER OF DESIGN AND ENVIRONMENT

March 21 2025
Y. Harris DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS, GENERAL NOTES & HIGHWAY STANDARDS
3 - 8	SUMMARY OF QUANTITIES
9 - 11	TYPICAL SECTIONS
12 - 14	SCHEDULES OF QUANTITIES
15 - 26	PLAN SHEETS
27 - 32	FLASHING BEACON PLAN DETAILS
33 - 39	BRIDGE REPAIR STAGING PLANS
40 - 49	BRIDGE REPAIR PLAN SHEETS
50 - 55	CONSTRUCTION DETAILS

THE FOLLOWING HIGHWAY STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS:

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420406	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
642006-01	SHOULDER RUMBLE STRIPS 8"
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701321-19	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS ≥ 45 MPH
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATION RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
B.L.R. 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
420001-10	PAVEMENT JOINTS
420101-07	24' JOINTED PCC PAVEMENT
667101-02	PERMANENT SURVEY MARKERS
704001-08	TEMPORARY CONCRETE BARRIER
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

GENERAL NOTES

SHORT TERM PAVEMENT MARKINGAPPLIED TO ANY MILLED SURFACE SHALL BE PAINT AND THOSE APPLIED TO THE HMA COURSES SHALL BE TAPE.

- SUGGESTED SEQUENCE OF OPERATIONS:
1. STAGED BRIDGE REPAIRS
 2. CLASS D PATCHING
 3. HMA SURFACE REMOVAL OVER EXISTING PAVEMENT AND HMA SHOULDERS
 4. HMA BINDER COURSE OVER EXISTING PAVEMENT AND HMA SHOULDERS
 5. PAVED SHOULDER REMOVAL (SPECIAL)/EXCAVATING AND GRADING EXISTING SHOULDERS
 6. HMA SHOULDERS, 6"
 7. LONGITUDINAL JOINT SEALANT
 8. HMA SURFACE COURSE OVER PAVEMENT AND HMA SHOULDERS
 9. REMAINING PAY ITEMS

THE FOLLOWING APPLICATION RATES WERE USED IN CALCULATING PLAN QUANTITIES:

AGGREGATE SHOULDER AND SURFACE COURSE	2.05 TONS/CU YD
HMA BINDER AND SURFACE COURSES	112 LB/SQ YD/IN

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
MAINLINE	POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N90 (2")	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	N90	PFP
MAINLINE	POLYMERIZED HMA BINDER COURSE, IL-9.5FG, N90 (1.75")	SBS PG 70-22	4.0% @ N=90	IL - 9.5FG	N/A	N90	PFP
PATCHING	HMA BINDER COURSE, IL-19.0, N90	PG 64-22	4.0% @ N=90	IL - 19.0	N/A	N90	QCQA
HMA SHOULDERS, 6"	HMA SURFACE COURSE, IL-9.5, MIX "C", N70 (TOP LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QCQA
HMA SHOULDERS, 6"	HMA BINDER COURSE, IL-19.0, N70 (BOTTOM LIFT)	PG 64-22	4.0% @ N=70	IL - 19.0	N/A	N70	QCQA
HMA SHOULDERS, 8"	HMA SURFACE COURSE, IL-9.5, MIX "C", N70 (TOP LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QCQA
HMA SHOULDERS, 8"	HMA BINDER COURSE, IL-19.0, N70 (BOTTOM LIFTS)	PG 64-22	4.0% @ N=70	IL - 19.0	N/A	N70	QCQA
INCIDENTAL	HMA SURFACE COURSE, IL-9.5, MIX "C", N70	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QCQA
PAVEMENT CONNECTOR	HMA BINDER COURSE, IL-19.0, N90	PG 64-22	4.0% @ N=90	IL - 19.0	N/A	N90	QCQA

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, GENERAL NOTES &
HIGHWAY STANDARDS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	2
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				

REV - MS

MODEL: General Notes (Sheet)
FILE NAME: c:\pwworking\hrtz\kld0975530\0774426-sheets-GeneralNotes.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/14/2025	DATE -	REVISED -

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

MODEL: SQQ [Sheet]
FILE NAME: c:\pw\work\pw\hrtz\kdd975530\0714\26-sheets-SQQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY	90% FEDERAL 10% STATE SAFETY	90% FEDERAL 10% STATE SAFETY	80% FEDERAL 20% STATE BRIDGE	80% FEDERAL 20% COUNTY ROADWAY
				0005	0005	0021	0021	0059	0006
				RURAL	URBAN	RURAL	URBAN	S.N. 080-0021	RURAL
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	687			651	36		
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	473	473					
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	388	328	60				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	80859	76411	4448				
40600370	LONGITUDINAL JOINT SEALANT	FOOT	35109	33169	1940				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	450	450					
40600990	TEMPORARY RAMP	SQ YD	157	157					
40603209	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N90	TON	11441	10814	627				
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX"D", N90	TON	13923	13162	761				
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	149	139	10				
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	224	224					
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	280						280
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	114480	109020	5460				
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1297	1297					

REV - MS

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	3
		CHECKED -	REVISED -					CONTRACT NO. 74A26				
	PLOT DATE = 1/31/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 6	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: SOQ-1 [Sheet]
FILE NAME: c:\pw_work\pwid\hirtzel\ud975530\DT74A26-sheets-SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% COUNTY
				ROADWAY	ROADWAY	SAFETY	SAFETY	BRIDGE	ROADWAY
				0005	0005	0021	0021	0059	0006
				RURAL	URBAN	RURAL	URBAN	S.N. 080-0021	RURAL
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	987		987				
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	3642	3125	517				
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	178	146	32				
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	306	239	67				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	5197	4919	278				
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	18923			17929	994		
50102400	CONCRETE REMOVAL	CU YD	17.5					17.5	
50300225	CONCRETE STRUCTURES	CU YD	33.3					33.3	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	19.4					19.4	
50300300	PROTECTIVE COAT	SQ YD	758					758	
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	72.7					72.7	
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	1880					1880	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	37640					37640	
50800515	BAR SPLICERS	EACH	256					256	

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	4
		CHECKED -	REVISED -					CONTRACT NO. 74A26				
	PLOT DATE = 1/31/2025	DATE -	REVISED -		SCALE:	SHEET 2	OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: SOQ-2 [Sheet]
FILE NAME: c:\pw_workspace\hirtzel\0975530\0714\26-sheets-SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY	90% FEDERAL 10% STATE SAFETY	90% FEDERAL 10% STATE SAFETY	80% FEDERAL 20% STATE BRIDGE	80% FEDERAL 20% COUNTY ROADWAY
				0005	0005	0021	0021	0059	0006
				RURAL	URBAN	RURAL	URBAN	S.N. 080-0021	RURAL
52000110	PREFORMED JOINT STRIP SEAL	FOOT	106					106	
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	12					12	
52100520	ANCHOR BOLTS, 1"	EACH	24					24	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	61025			58391	2634		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9					
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	3	3					
67100100	MOBILIZATION	L SUM	1	1					
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	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					
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1					
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1					1	
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	1137					1137	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	14	14				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3549	3355	194				

REV - MS

PLOT DATE = 1/31/2025	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	5
		CHECKED -	REVISED -		SCALE:			CONTRACT NO. 74A26				
		DATE -	REVISED -		SHEET 3 OF 6 SHEETS			ILLINOIS FED. AID PROJECT				

MODEL: SOQ-3 [Sheet]
FILE NAME: c:\pw_workspace\hirtzel\dd975530\0774426-sheets-SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% COUNTY
				ROADWAY	ROADWAY	SAFETY	SAFETY	BRIDGE	ROADWAY
				0005	0005	0021	0021	0059	0006
				RURAL	URBAN	RURAL	URBAN	S.N. 080-0021	RURAL
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1657	1118	65			474	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	86154	80642	5512				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	562.5					562.5	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	562.5					562.5	
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2					2	
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2					2	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	45	45					
* 73000100	WOOD SIGN SUPPORT	FOOT	64	64					
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	86154	80642	5512				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	440	416	24				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	440	416	24				
* 80500100	SERVICE INSTALLATION, TYPE A	EACH	1	1					
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1929	1929					

* SPECIALTY ITEM

REV - MS

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	6
		CHECKED -	REVISED -					CONTRACT NO. 74A26				
	PLOT DATE = 1/31/2025	DATE -	REVISED -		SCALE:	SHEET 4	OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: SOQ-4 [Sheet]
FILE NAME: c:\pw_workspace\hirtzel\dd975530\0774426-sheets-SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY	90% FEDERAL 10% STATE SAFETY	90% FEDERAL 10% STATE SAFETY	80% FEDERAL 20% STATE BRIDGE	80% FEDERAL 20% COUNTY ROADWAY
				0005	0005	0021	0021	0059	0006
				RURAL	URBAN	RURAL	URBAN	S.N. 080-0021	RURAL
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	212	212					
* 81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	48	48					
* 81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	3	3					
* 85800100	FLASHER CONTROLLER	EACH	1	1					
* 87301115	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 2C	FOOT	2376	2376					
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	25	25					
* 88000105	FLASHING BEACON INSTALLATION	EACH	1	1					
* 88040030	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	4	4					
* 89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1	1					
X4400102	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	1328	1242	86				
X4404260	PAVED SHOULDER REMOVAL (SPECIAL)	SQ YD	11617	263		10745	609		
X4404400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	353	73					280
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	483					483	
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1					1	

* SPECIALTY ITEM

REV - MS

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	7
		CHECKED -	REVISED -					CONTRACT NO. 74A26				
	PLOT DATE = 1/31/2025	DATE -	REVISED -		SCALE:	SHEET 5	OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: SQO-5 [Sheet]
FILE NAME: c:\pw_workspace\hirtzel\dd975530\0774426-sheets-SQO.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY	90% FEDERAL 10% STATE SAFETY	90% FEDERAL 10% STATE SAFETY	80% FEDERAL 20% STATE BRIDGE	80% FEDERAL 20% COUNTY ROADWAY
				0005	0005	0021	0021	0059	0006
				RURAL	URBAN	RURAL	URBAN	S.N. 080-0021	RURAL
* X8302125	WOOD POLE, 25 FT, CLASS 4	EACH	1	1					
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	12					12	
Z0004552	APPROACH SLAB REMOVAL	SQ YD	384					384	
Z0012111	BRIDGE DECK FLY ASH OR GGBF SLAG CONCRETE OVERLAY, 2 1/2"	SQ YD	531					531	
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	531					531	
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	7					7	
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	4					4	
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	661					661	
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	6	6					
Ø Z0076600	TRAINEES	HOUR	500	500					
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500					

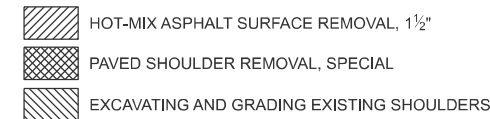
* SPECIALTY ITEM

Ø 0042

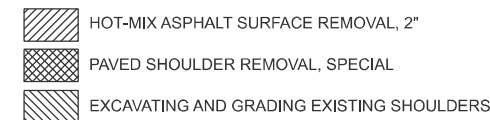
REV - MS

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	8
		CHECKED -	REVISED -						CONTRACT NO. 74A26				
	PLOT DATE = 1/31/2025	DATE -	REVISED -		SCALE:	SHEET 6	OF 6	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

STA. 582+91 TO STA. 743+01
STA. 748+49 TO STA. 896+32
STA. 896+32 TO STA. 897+69 (STR 080-0009 OMISSION)
STA. 897+69 TO STA. 934+75



STA. 743+01 TO STA. 744+54.78
STA. 744+54.78 TO STA. 746+95.22 (STR 080-0021 OMISSION)
STA. 746+95.22 TO STA. 748+49



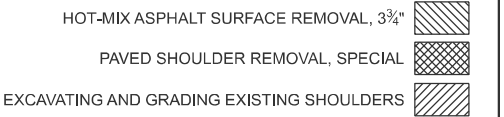
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	9
		CONTRACT NO. 74A26		
		ILLINOIS	FED. AID PROJECT	

MODEL: Typicals [Sheet]
FILE NAME: c:\pw work\pwidot\hirtzel\ld0975530\ld774A26-sheets-Typical.s.dgn

STA. 934+75 TO STA. 937+19

STA. 937+19 TO STA. 937+77



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	10
		CONTRACT NO. 74A26		
ILLINOIS		FED. AID PROJECT		

STA. 10+20.79 TO STA. 10+88.01



EX. AGGREGATE BASE COURSE, 8" —

— PORTLAND CEMENT CONCRETE PAVEMENT, 10"

— PAVEMENT REMOVAL (SPECIAL) 

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,1232)RS-4	RICHLAND	55	11
		CONTRACT NO. 74A26		
		ILLINOIS	FED. AID PROJECT	

MODEL: Schedules (Sheet)
FILE NAME: c:\p\work\hrtz\k\0975530\D774A26-sheets-Schedules.dgn

WIDENING SCHEDULE FOR STAGING				EXCAVATING AND GRADING EXISTING SHOULDER	PAVED SHOULDER REMOVAL (SPECIAL)	PAVEMENT REMOVAL(SPECIAL)	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING
STATIONING		SIDE	LENGTH FEET				
FROM	TO						
PRE-STAGE							
743+01.00	744+07.35	RT	106.4	1.1	35.5	-	70.9
744+07.35	745+14.19	RT	81.1	-	-	73.2	71.2
745+14.19	745+20.18	RT	6.0	-	-	-	2.0
746+59.64	746+65.64	RT	6.0	0.1	1.0	-	2.0
746+65.64	748+49.00	RT	183.4	1.8	61.1	-	122.2
PRE-STAGE TOTALS:				3.0	97.6	73.2	268.4
STAGE 1							
743+01.00	744+54.78	LT	153.8	1.5	51.3	-	102.1
746+95.22	748+49.00	LT	153.8	1.5	51.3	-	102.7
STAGE 1 TOTALS:				3.1	102.5	0.0	204.8
STAGE 2							
744+54.78	745+14.19	RT	59.4		39.6		
745+14.19	745+20.18	RT	6.0	-	2.0	-	-
746+59.64	746+65.64	RT	6.0	-	2.0	-	-
746+65.64	746+95.22	RT	29.6	-	19.7	-	-
STAGE 2 TOTALS:				0.0	63.3	0.0	0.0
STAGING TOTALS:				6	263	73	473

APPROACH SLAB REMOVAL SCHEDULE			APPROACH SLAB REMOVAL
STATIONING		LENGTH	
FROM	TO	FEET	
			SQ YD
STAGE 1			
744+54.78	745+02.78	48.0	83.4
746+47.22	746+95.22	48.0	119.3
STAGE 1 TOTAL:			202.7
STAGE 2			
744+54.78	745+02.78	48.0	108.6
746+47.22	746+95.22	48.0	72.7
STAGE 2 TOTAL:			181.3
PROJECT TOTAL:			384

PAVEMENT CONNECTOR SCHEDULE			PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
STATIONING		LENGTH	
FROM	TO	FEET	
STAGE 1			SQ YD
744+54.78	744+82.78	28.0	38.0
746+67.22	746+95.22	28.0	74.0
STAGE 1 TOTAL:			112.0
STAGE 2			
744+54.78	744+82.78	28.0	74.0
746+67.22	746+95.22	28.0	38.0
STAGE 2 TOTAL:			112.0
PROJECT TOTAL:			224

C.H. 14 PAVING SCHEDULE			PAVEMENT REMOVAL (SPECIAL)	PORTLAND CEMENT CONCRETE PAVEMENT, 10"
STATIONING		LENGTH		
FROM	TO	FEET		
			SQ YD	SQ YD
STAGE 2				
10+20.78	10+88	67.2	280.0	280.0
STAGE 2 TOTALS:			280	280

EXISTING SURVEY MARKERS						PROPOSED	QUANTITY
POINT NO.	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	RESET	EACH
1000	791878.42	1052259.00	610+17	0.0'	ALUM DISK (FOUND)	Type I - IDOT Disk	1
1001	789190.74	1052278.15	636+96	5.0' LT	MAG SPIKE (FOUND)	Mag Nail	1
1002	786507.40	1052287.46	636+81	0.6' LT	MAG SPIKE (FOUND)	Mag Nail	1
1003	783826.09	1052306.52	690+63	1.6' LT	MAG NAIL (FOUND)	Mag Nail	1
1004	771631.73	1052337.29	812+58	2.0' RT	ALUM DISK (FOUND)	Type I - IDOT Disk	1
1005	762337.12	1052335.48	905+35	5.6' RT	MAG NAIL (FOUND)	Mag Nail	1
						TOTAL =	6

TRAFFIC CONTROL SCHEDULE		TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATOR, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATOR, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
STATIONING					
FROM	TO	FOOT	FOOT	EACH	EACH
STAGE 1					
743+25	744+25	100.0	-	1	-
744+25	747+25	300.0	-	-	-
747+25	748+87	162.5	-	1	-
STAGE 1 TOTALS:		562.5	0.0	2	0
STAGE 2					
742+63	744+25	-	162.5	-	1
744+25	747+25	-	300.0	-	-
747+25	748+25	-	100.0	-	1
STAGE 2 TOTALS:		0.0	562.5	0	2
PROJECT TOTALS:		562.5	562.5	2	2

BLACKOUT TAPE SCHEDULE			PAVEMENT MARKING BLACKOUT TAPE, 5"	SHORT TERM PAVEMENT MARKING REMOVAL
STATIONING		LENGTH		
FROM	TO	FEET		
	STAGE 1		FOOT	SQ FT
740+95	741+49	54.0	13.5	5.6
741+49	743+26	177.0	44.3	0.0
743+26	743+76	50.0	62.5	20.8
743+76	747+74	398.0	398.0	165.8
747+74	748+24	50.0	62.5	20.8
748+24	750+01	177.0	44.3	0.0
STAGE 1 TOTALS:			625.0	213.1
STAGE 2				
741+49	743+26	177.0	-	18.4
743+26	743+76	50.0	50.0	26.0
743+76	747+74	398.0	398.0	165.8
747+74	748+24	50.0	50.0	26.0
748+24	750+01	177.0	-	18.4
750+01	750+56	55.0	13.8	5.7
STAGE 2 TOTALS:			511.8	260.5
PROJECT TOTALS:			1137	474

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	12
		CHECKED -	REVISED -					CONTRACT NO. 74A26				
	PLOT DATE = 2/20/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED.AID PROJECT		

MODEL: Schedules-1 [Sheet]
FILE NAME: c:\p\p_work\pwrtd\hrtzsk\dd975530\DT74A26-sheets-Schedules.dgn

PAVING SCHEDULE			HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	EXCAVATING AND GRADING EXISTING SHOULDER	PAVED SHOULDER REMOVAL (SPECIAL)	HOT-MIX ASPHALT SHOULDERS, 6"	SHOULDER RUMBLE STRIPS, 8 INCH	AGGREGATE WEDGE SHOULDERS, TYPE B
STATIONING		LENGTH	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	POUND	FOOT	TON	TON	UNIT	SQ YD	SQ YD	FOOT	TON
FROM	TO	FEET														
RURAL																
582+91	583+36	45.0	150.0	41.7	-	-	-	103.5	45.0	14.7	17.9	0.9	15.0	25.0	90.0	6.8
583+36	742+91	15955.0	-		53183.3	-	-	36696.5	15955.0	5197.9	6332.2	314.8	5246.5	8744.2	28834.0	2384.0
742+91	743+01	10.0	-		-	33.3	-	23.0	10.0	3.3	4.0	0.2	3.3	5.6	20.0	1.5
743+01	744+54.78	153.8	-	16.0	-	615.1	-	415.2	153.8	60.3	68.9	-	-	-	212.6	23.4
744+54.78	744+82.78	28.0	-		-	-	-	-	-	-	-	-	-	-	-	-
744+82.78	746+67.22	184.4	-		-	-	-	-	-	-	-	-	-	-	-	-
746+67.22	746+95.22	28.0	-		-	-	-	-	-	-	-	-	-	-	-	-
746+95.22	748+49	153.8	-	16.0	-	615.1	-	415.2	153.8	60.3	68.9	-	-	-	247.6	23.4
748+49	748+59	10.0	-		-	33.3	-	23.0	10.0	3.3	4.0	0.2	3.3	5.6	20.0	1.5
748+59	895+87	14728.0	-		49093.3	-	-	33874.4	14728.0	4784.3	5824.0	286.3	4772.2	7953.6	25161.0	2165.6
895+87	896+32	45.0	150.0	41.7	-	-	-	103.5	45.0	14.7	17.9	0.9	15.0	25.0	90.0	6.8
896+32	897+69	137.0	-		-	-	-	-	-	-	-	-	-	-	-	-
897+69	898+14	45.0	150.0	41.7	-	-	-	103.5	45.0	14.7	17.9	0.9	15.0	25.0	90.0	6.8
898+14	918+37	2023.0	-		6743.3	-	-	4652.9	2023.0	660.8	805.6	40.5	674.3	1145.0	3626.0	299.2
RURAL TOTALS:			450	157	109020	1297	0	76411	33169	10814	13162	645	10745	17929	58391	4919
URBAN																
918+37	934+75	1638.0	-	-	5460.0	-	-	3767.4	1638.0	532.0	647.6	31.8	530.3	362.8	2192.0	241.6
934+75	935+20	45.0	-	-	-	-	150.0	103.5	45.0	14.7	17.9	0.9	15.0	25.0	90.0	6.8
935+20	937+19	199.0	-	-	-	-	663.3	457.7	199.0	62.6	75.6	3.2	54.0	90.0	294.0	24.6
937+19	937+77	58.0	-	-	-	-	174.0	118.9	58.0	17.1	20.2	0.6	9.7	16.1	58.0	4.4
URBAN TOTALS:			0	0	5460	0	987	4448	1940	627	761	37	609	994	2634	278
PROJECT TOTALS:			450	157	114480	1297	987	80859	35109	11441	13923	681	11354	18923	61025	5197

PAVEMENT MARKING SCHEDULE			SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
STATIONING		LENGTH						
FROM	TO	FEET	FOOT	SQ FT	FOOT	FOOT	EACH	EACH
RURAL								
582+91	726+47	14356	1435.6	478.5	31968.0	31968.0	179	179
726+47	733+22	675	67.5	22.5	2193.8	2193.8	8	8
733+22	737+30	408	40.8	13.6	918.0	918.0	5	5
737+30	747+40	1010	101	33.7	3282.5	3282.5	11	11
747+40	805+98	5858	585.8	195.3	12994.5	12994.5	73	73
805+98	810+64	466	46.6	15.5	1514.5	1514.5	6	6
810+64	815+98	534	53.4	17.8	1201.5	1201.5	7	7
815+98	821+21	523	52.3	17.4	1699.8	1699.8	7	7
821+21	830+78	957	95.7	31.9	2153.3	2153.3	12	12
830+78	836+10	532	53.2	17.7	1729.0	1729.0	7	7
836+10	840+70	460	46	15.3	1035.0	1035.0	6	6
840+70	845+89	519	51.9	17.3	1686.8	1686.8	6	6
845+89	879+48	3359	335.9	112.0	7362.8	7362.8	42	42
879+48	886+84	736	73.6	24.5	2267.0	2267.0	9	9
886+84	889+36	252	25.2	8.4	567.0	567.0	3	3
889+36	895+15	579	57.9	19.3	1791.8	1791.8	7	7
895+15	906+68	1153	115.3	38.4	2594.3	2594.3	13	13
906+68	916+60	992	99.2	33.1	3224.0	3224.0	12	12
916+60	917+77	117	11.7	3.9	263.3	263.3	1	1
917+77	918+37	60	6	2.0	195.0	195.0	1	1
RURAL TOTALS:			3355	1118	80642	80642	416	416
URBAN								
918+37	926+27	790	79	26.3	2477.5	2477.5	10	10
926+27	933+30	703	70.3	23.4	1581.8	1581.8	9	9
933+30	937+77	447	44.7	14.9	1452.8	1452.8	6	6
URBAN TOTALS:			194	65	5512	5512	24	24
TOTALS:			3549	1183	86154	86154	440	440

NOTE: FOR PAINT PAVEMENT MARKING - LINE 4" AND TEMPORARY PAVEMENT MARKING - LINE 4" PAINT THERE IS 16,201 FEET OF YELLOW AND 69,953 FEET OF WHITE.

THE RAISED REFLETIVE PAVEMENT MARKERS ARE ALL 2-WAY AMBER MARKERS.

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	13
CONTRACT NO. 74A26				
ILLINOIS		FED. AID PROJECT		

MODEL: Schedules-2 [Sheet]
FILE NAME: c:\p\p\work\hrtz\k\0975530\D774A26-sheets-Schedules.dgn

ENTRANCE SCHEDULE (RURAL)				SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	INCIDENTAL HOT-MIX ASPHALT SURFACE	AGGREGATE SURFACE COURSE, TYPE A
STATION	SIDE	ENT. TYPE	SURFACE TYPE			
583+50	LT	PE	AGG	-	-	4.9
583+58	RT	FE	AGG	-	-	3.2
595+34	RT	FE	AGG	-	-	2.7
597+53	RT	PE	AGG	-	-	2.3
598+64	RT	PE	AGG	-	-	2.9
602+34	LT	FE	AGG	-	-	2.7
602+48	RT	CE	AGG	-	-	3.5
603+25	RT	PE	AGG	-	-	3.2
605+65	RT	PE	AGG	-	-	3.2
606+61	RT	PE	AGG	-	-	3.2
607+10	LT	FE	AGG	-	-	2.7
610+15	RT	PRA	HMA	41.1	4.6	-
619+80	RT	PE	AGG	-	-	3.2
623+47	LT	PRA	HMA	41.7	4.7	-
623+47	RT	FE	AGG	-	-	2.8
637+02	LT	PRA	HMA	52.8	5.9	-
637+02	RT	PRA	HMA	47.2	5.3	-
637+64	RT	PE	AGG	-	-	2.9
638+29	LT	PE	AGG	-	-	4.4
639+70	RT	FE	AGG	-	-	2.9
640+45	LT	PE	AGG	-	-	3.2
643+62	RT	FE	AGG	-	-	3.2
643+99	LT	PE	AGG	-	-	3.2
644+76	LT	PE	AGG	-	-	2.5
640+49	LT	PE	AGG	-	-	1.9
648+18	LT	PE	AGG	-	-	1.9
651+05	RT	PE	AGG	-	-	2.9
652+17	RT	PE	AGG	-	-	2.8
656+88	RT	FE	AGG	-	-	3.2
657+24	RT	PE	AGG	-	-	2.3
663+40	RT	FE	AGG	-	-	3.0
663+84	LT	PRA	AGG	-	-	2.5
664+00	RT	FE	AGG	-	-	3.0
677+32	LT	FE	AGG	-	-	1.9
677+50	RT	FE	AGG	-	-	3.8
682+65	LT	PE	HMA	33.3	3.7	-
682+70	RT	FE	AGG	-	-	3.0
690+60	RT	PRA	HMA	53.3	6.0	-
690+68	LT	FE	AGG	-	-	1.9
694+09	RT	PE	AGG	-	-	2.7
698+22	RT	FE	AGG	-	-	3.5
700+92	LT	FE	AGG	-	-	1.6
702+76	LT	FE	AGG	-	-	2.5
709+06	LT	PE	AGG	-	-	2.5
714+07	RT	PE	AGG	-	-	4.8
715+00	LT	PE	AGG	-	-	3.8
719+77	LT	PE	AGG	-	-	3.2
723+03	LT	PE	AGG	-	-	2.8
723+22	RT	PE	AGG	-	-	4.6
724+89	LT	PE	AGG	-	-	3.2
727+60	LT	CE	HMA	66.7	7.5	-

ENTRANCE SCHEDULE (RURAL)				SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	INCIDENTAL HOT-MIX ASPHALT SURFACE	AGGREGATE SURFACE COURSE, TYPE A
STATION	SIDE	ENT. TYPE	SURFACE TYPE			
729+74	RT	FE	AGG	-	-	3.0
731+84	RT	PE	AGG	-	-	3.0
733+55	RT	PE	AGG	-	-	3.5
734+93	LT	PE	HMA	34.4	3.9	-
736+13	RT	PE	AGG	-	-	1.8
737+55	RT	PE	AGG	-	-	3.0
744+50	RT	PRA	HMA	66.1	7.4	-
746+84	LT	PRA	HMA	55.6	6.2	-
751+92	LT	FE	AGG	-	-	2.7
756+55	LT	FE	AGG	-	-	1.9
759+53	LT	FE	AGG	-	-	1.9
759+53	RT	PE	AGG	-	-	3.0
762+89	RT	PE	HMA	27.8	3.1	-
764+33	LT	FE	AGG	-	-	1.9
767+00	RT	PE	AGG	-	-	4.1
770+92	RT	PE	AGG	-	-	3.8
773+20	LT	PE	AGG	-	-	1.9
778+46	LT	CE	PCC	72.2	8.1	-
779+49	LT	PE	AGG	-	-	3.2
780+97	LT	PE	HMA	16.7	1.9	-
782+47	LT	FE	AGG	-	-	2.8
783+29	RT	PE	AGG	-	-	3.2
784+78	RT	FE	HMA	25.0	2.8	-
786+13	LT	PE	AGG	-	-	2.5
792+11	LT	PE	AGG	-	-	2.5
794+84	LT	CE	AGG	-	-	6.3
795+07	RT	CE	AGG	-	-	5.7
798+21	RT	PE	AGG	-	-	2.5
799+47	LT	PRA	HMA	41.7	4.7	-
799+47	RT	PRA	HMA	47.2	5.3	-
804+82	LT	FE	AGG	-	-	1.9
804+82	RT	PE	AGG	-	-	1.9
806+70	RT	FE	AGG	-	-	2.8
809+60	LT	FE	AGG	-	-	1.6
815+27	RT	FE	AGG	-	-	4.1
816+45	LT	PE	AGG	-	-	3.2
822+80	RT	PE	AGG	-	-	5.1
826+02	RT	CE	AGG	-	-	3.2
830+29	RT	PE	AGG	-	-	2.8
831+26	LT	PE	HMA	27.8	3.1	-
832+86	RT	FE	AGG	-	-	3.8
836+98	RT	PE	AGG	-	-	3.2
837+79	RT	PE	AGG	-	-	3.5
838+62	LT	PE	AGG	-	-	3.2
838+87	RT	FE	AGG	-	-	2.5
843+06	LT	FE	AGG	-	-	2.8
845+68	RT	PE	AGG	-	-	2.8
847+03	RT	PE	AGG	-	-	3.5
850+49	LT	FE	AGG	-	-	2.2
852+17	RT	PRA	HMA	50.0	5.6	-

ENTRANCE SCHEDULE (RURAL)				SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	INCIDENTAL HOT-MIX ASPHALT SURFACE	AGGREGATE SURFACE COURSE, TYPE A
STATION	SIDE	ENT. TYPE	SURFACE TYPE			
854+24	LT	PE	AGG	-	-	1.9
856+33	LT	CE	AGG	-	-	4.4
857+23	LT	PE	AGG	-	-	1.6
857+77	LT	PE	AGG	-	-	1.6
860+23	LT	CE	PCC	55.6	6.2	-
863+63	LT	PE	AGG	-	-	1.9
865+35	LT	PRA	PCC	61.1	6.8	-
865+50	RT	CE	HMA	50.0	5.6	-
866+72	LT	PE	AGG	-	-	2.8
867+56	LT	PE	AGG	-	-	1.9
868+97	LT	PE	AGG	-	-	2.5
869+05	LT	PE	AGG	-	-	3.2
871+72	LT	PE	AGG	-	-	1.9
873+94	LT	PE	AGG	-	-	1.9
874+19	RT	PRA	HMA	41.7	4.7	-
874+31	LT	PE	AGG	-	-	1.9
881+73	RT	PRA	AGG	-	-	8.2
882+40	RT	CE	AGG	-	-	15.2
882+56	LT	CE	AGG	-	-	5.1
885+62	RT	PRA	HMA	38.9	4.4	-
886+15	LT	PRA	HMA	44.4	5.0	-
892+65	LT	PE	AGG	-	-	2.5
892+85	RT	PRA	HMA	61.1	6.8	-
895+86	RT	FE	AGG	-	-	2.5
904+62	RT	FE	AGG	-	-	1.9
905+36	RT	PE	HMA	33.3	3.7	-
905+46	LT	PE	HMA	55.6	6.2	-
907+89	RT	PRA	AGG	-	-	6.0
914+62	LT	CE	AGG	-	-	3.2
917+01	RT	PE	AGG	-	-	5.1
RURAL TOTALS:				1242	139	328

ENTRANCE SCHEDULE (URBAN)				SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	INCIDENTAL HOT-MIX ASPHALT SURFACE	AGGREGATE SURFACE COURSE, TYPE A
STATION	SIDE	ENT. TYPE	SURFACE TYPE			
918+57	RT	PE	AGG	-	-	3.7
918+77	LT	PRA	HMA	50.0	5.6	-
920+49	LT	PE	AGG	-	-	1.6
921+37	LT	PE	AGG	-	-	2.5
921+76	LT	CE	AGG	-	-	2.8
924+13	LT	CE	AGG	-	-	5.7
924+72	LT	CE	HMA	36.1	4.0	-
925+44	LT	CE	AGG	-	-	5.7
926+37	RT	PE	AGG	-	-	3.5
926+44	LT	PE	AGG	-	-	1.9
927+52	RT	PE	AGG	-	-	2.4
928+70	RT	PE	AGG	-	-	2.5
928+77	LT	CE	AGG	-	-	5.7
930+13	RT	PE	AGG	-	-	2.9
930+46	RT	PE	AGG	-	-	2.9
930+85	LT	CE	AGG	-	-	5.7
931+12	RT	PE	AGG	-	-	2.3
931+56	LT	CE	AGG	-	-	3.2
932+06	LT	PE	AGG	-	-	1.9
932+60	RT	CE	AGG	-	-	2.9
URBAN TOTALS:				86	10	60
PROJECT TOTALS:				1328	149	388

PLOT DATE = 1/29/2025	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

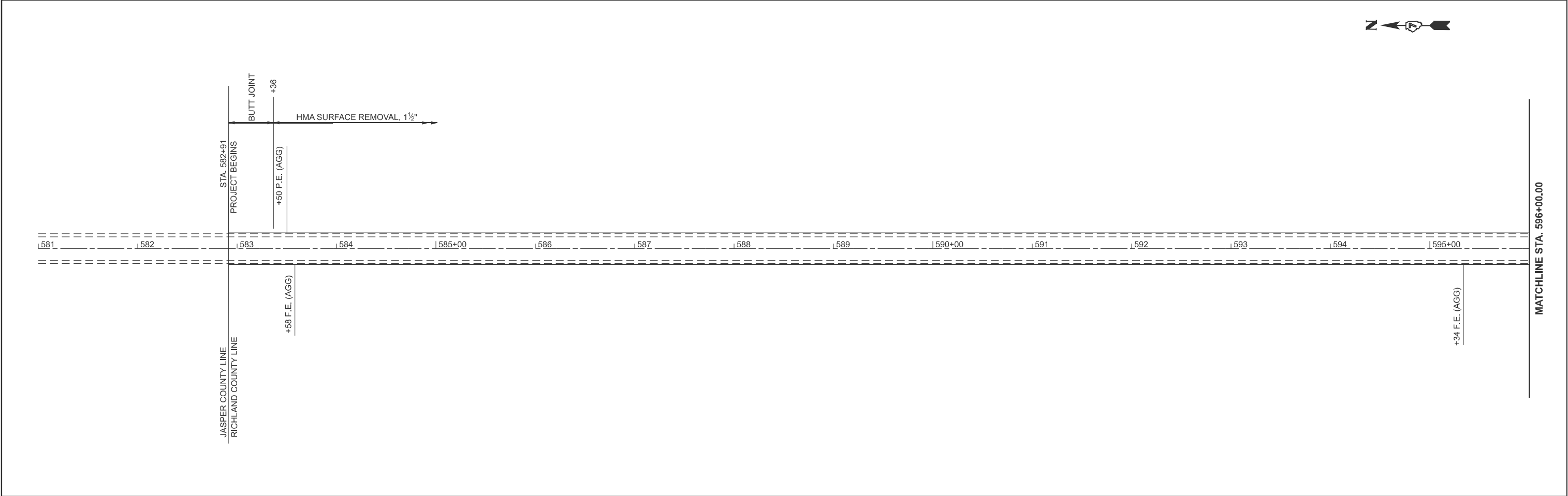
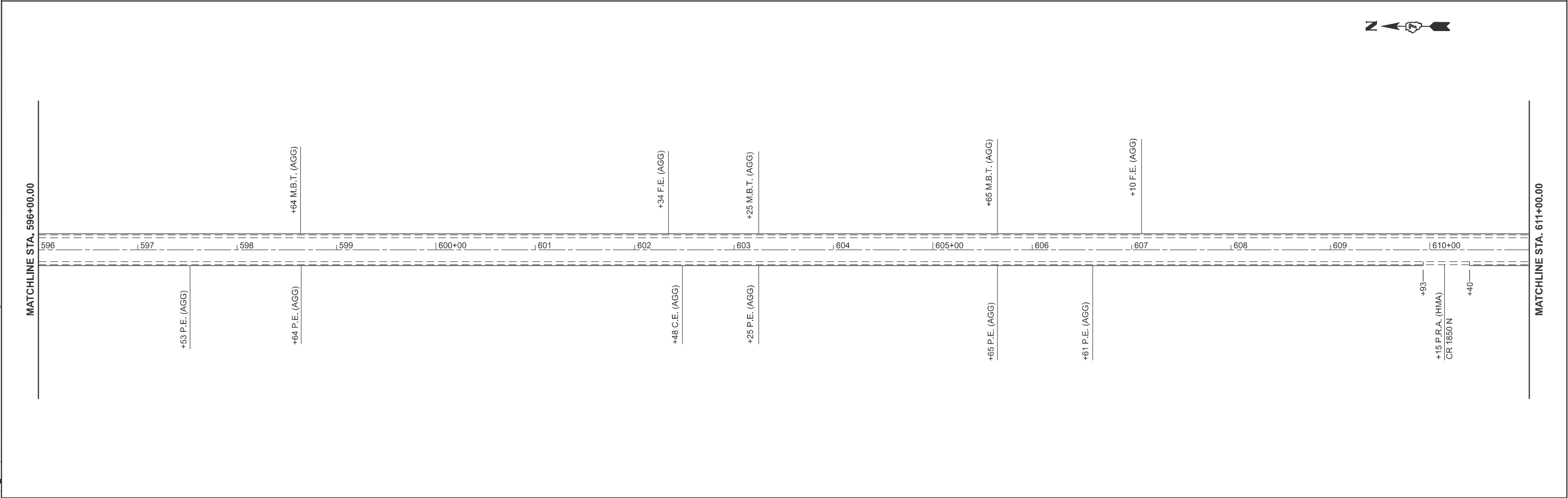
SCHEDULE OF QUANTITIES

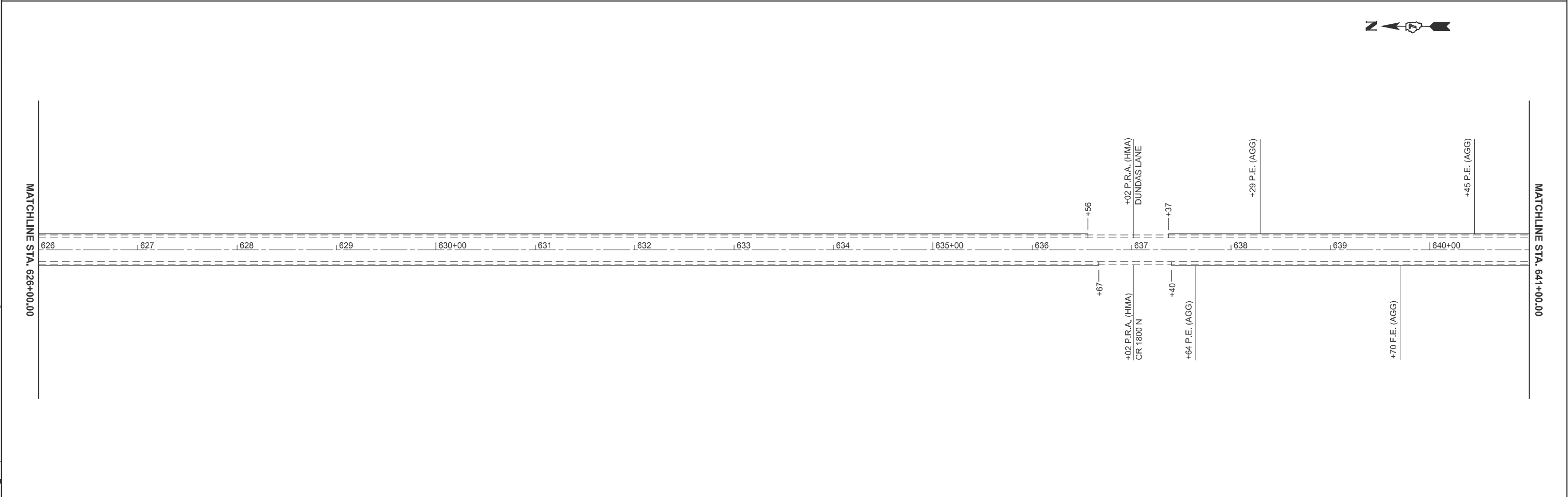
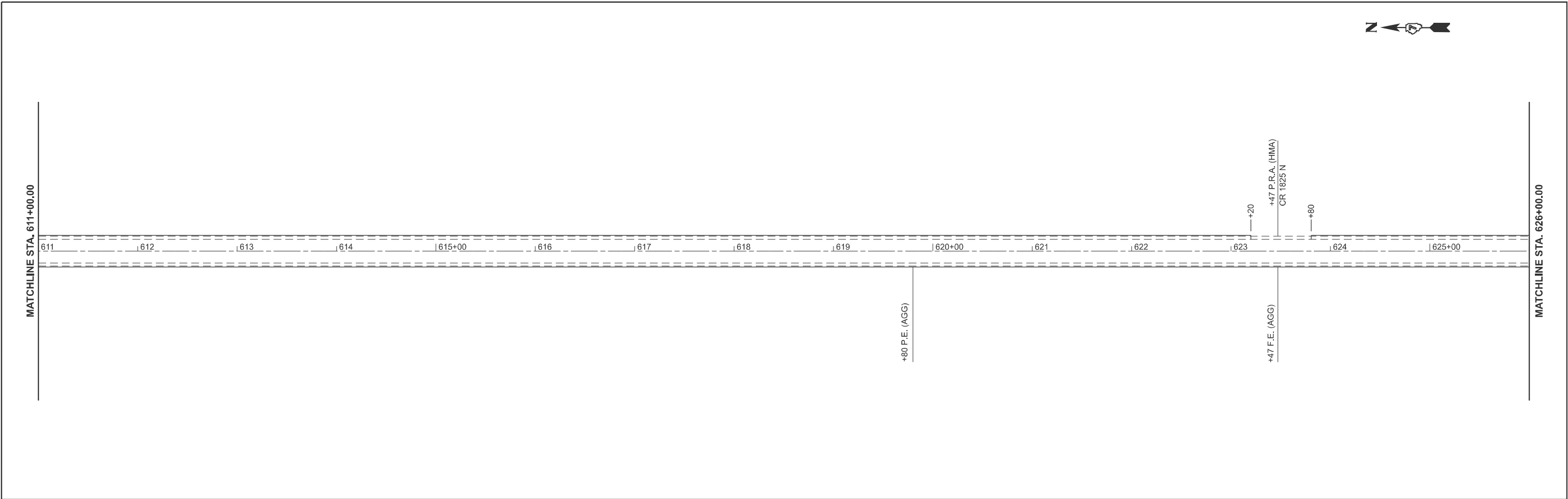
SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	14
CONTRACT NO. 74A26				
		ILLINOIS	FED. AID PROJECT	

MODEL: IL 130 CL - IL 130 [Sheet]
FILE NAME: c:\p\work\p\hrtz\hrtz\097530\D774A26-sheets-Plan.dgn

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	15
		CHECKED -	REVISED -		SCALE: 1"=50'			CONTRACT NO. 74A26				
	PLOT DATE = 1/29/2025	DATE -	REVISED -		SHEET 1	OF 12	SHEETS	STA. 581+00.00	TO STA. 611+00.00	ILLINOIS	FED.AID PROJECT	

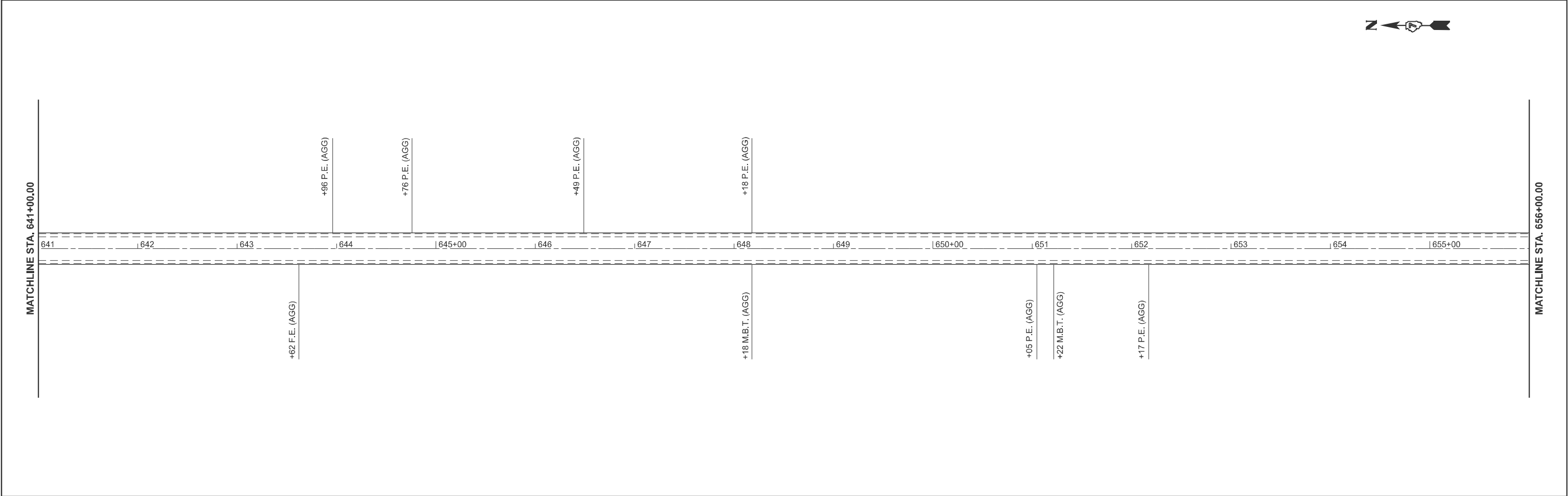
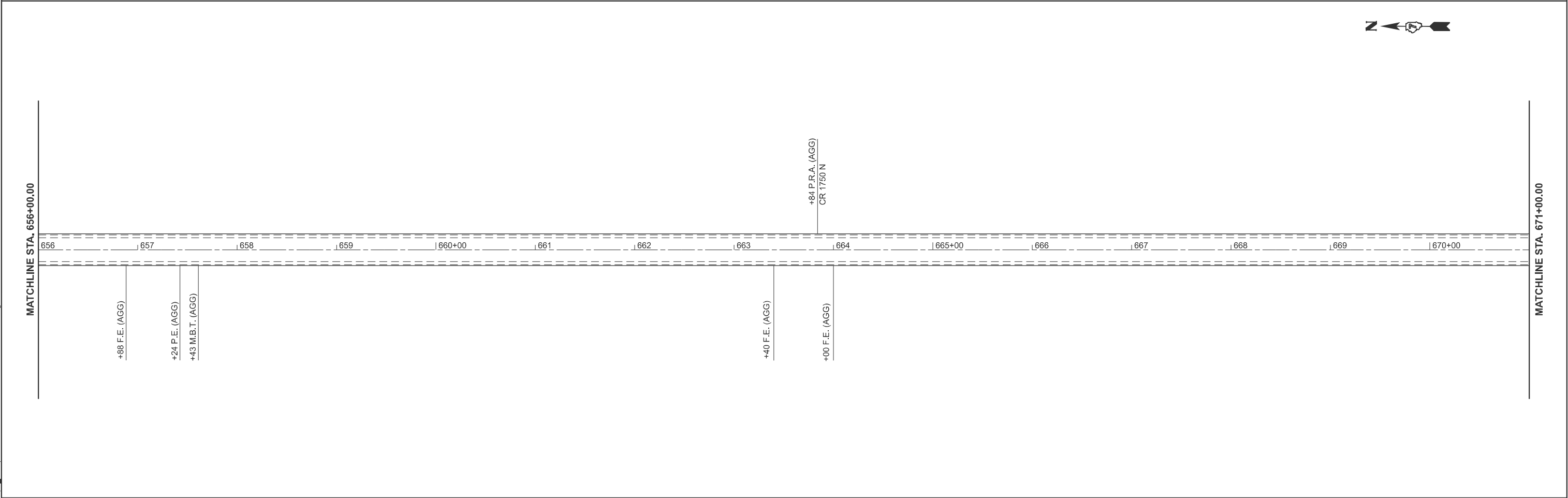


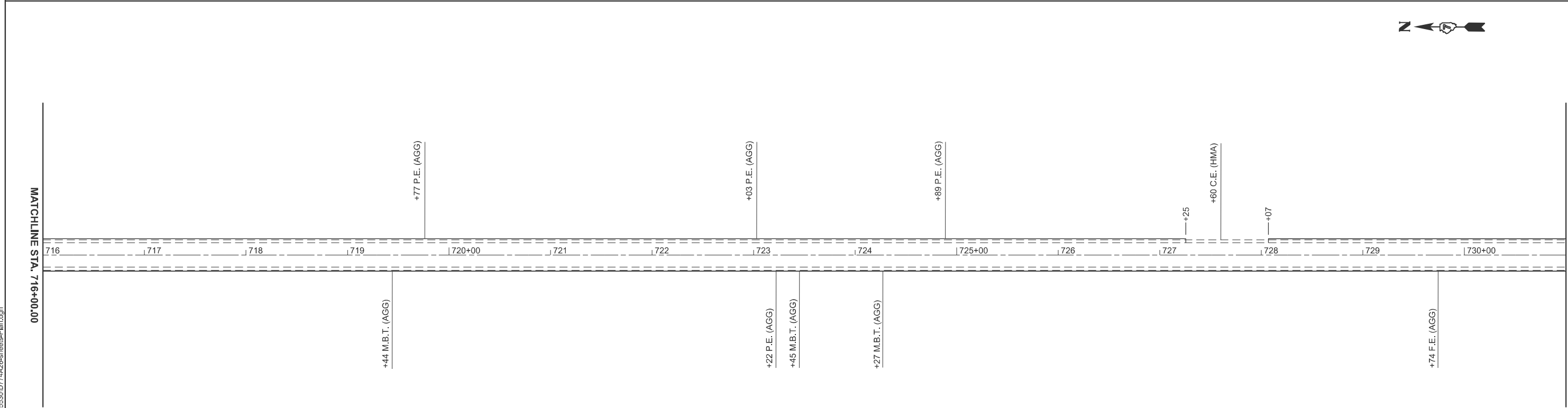
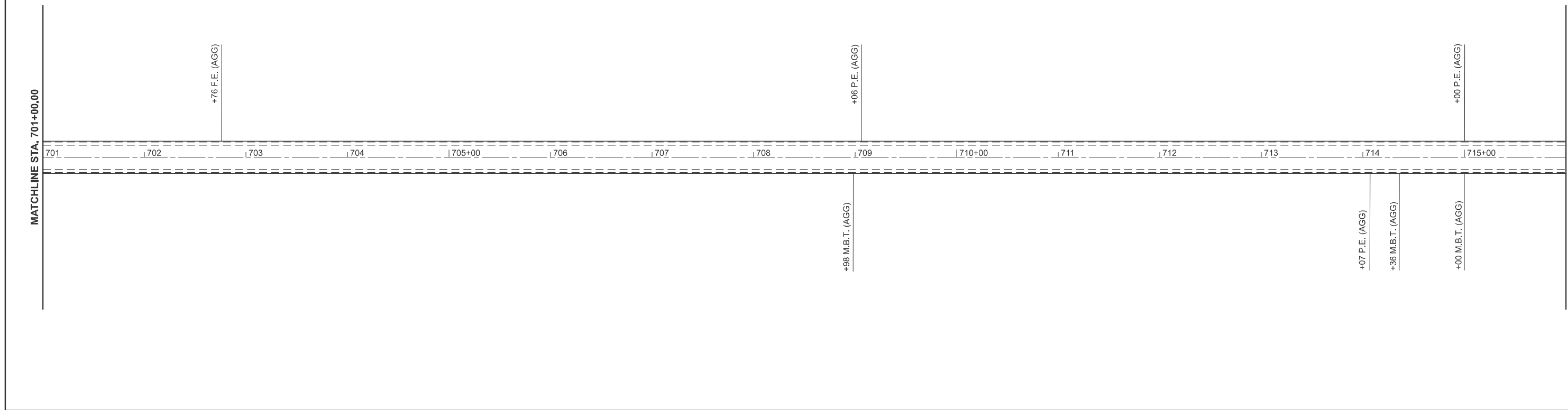


	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET				F.A.P RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						116	12RS-5,(121,122,123Z)RS-4		RICHLAND	55	16
		CHECKED -	REVISED -				CONTRACT NO. 74A26							
	PLOT DATE = 1/29/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 2	OF 12	SHEETS	STA. 611+00.00	TO STA. 641+00.00				
							ILLINOIS		FED. AID PROJECT					

MODEL: IL130 CL - IL 134 [Sheet]
FILE NAME: c:\p\work\p\wido\hirtzel\0975530\D774A26-sheets-Plan.dgn

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	17
		CHECKED -	REVISED -					CONTRACT NO. 74A26				
	PLOT DATE = 1/29/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 3	OF 12 SHEETS	STA. 641+00.00	TO STA. 671+00.00	ILLINOIS FED. AID PROJECT		





USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/29/2025	DATE -	REVISED -

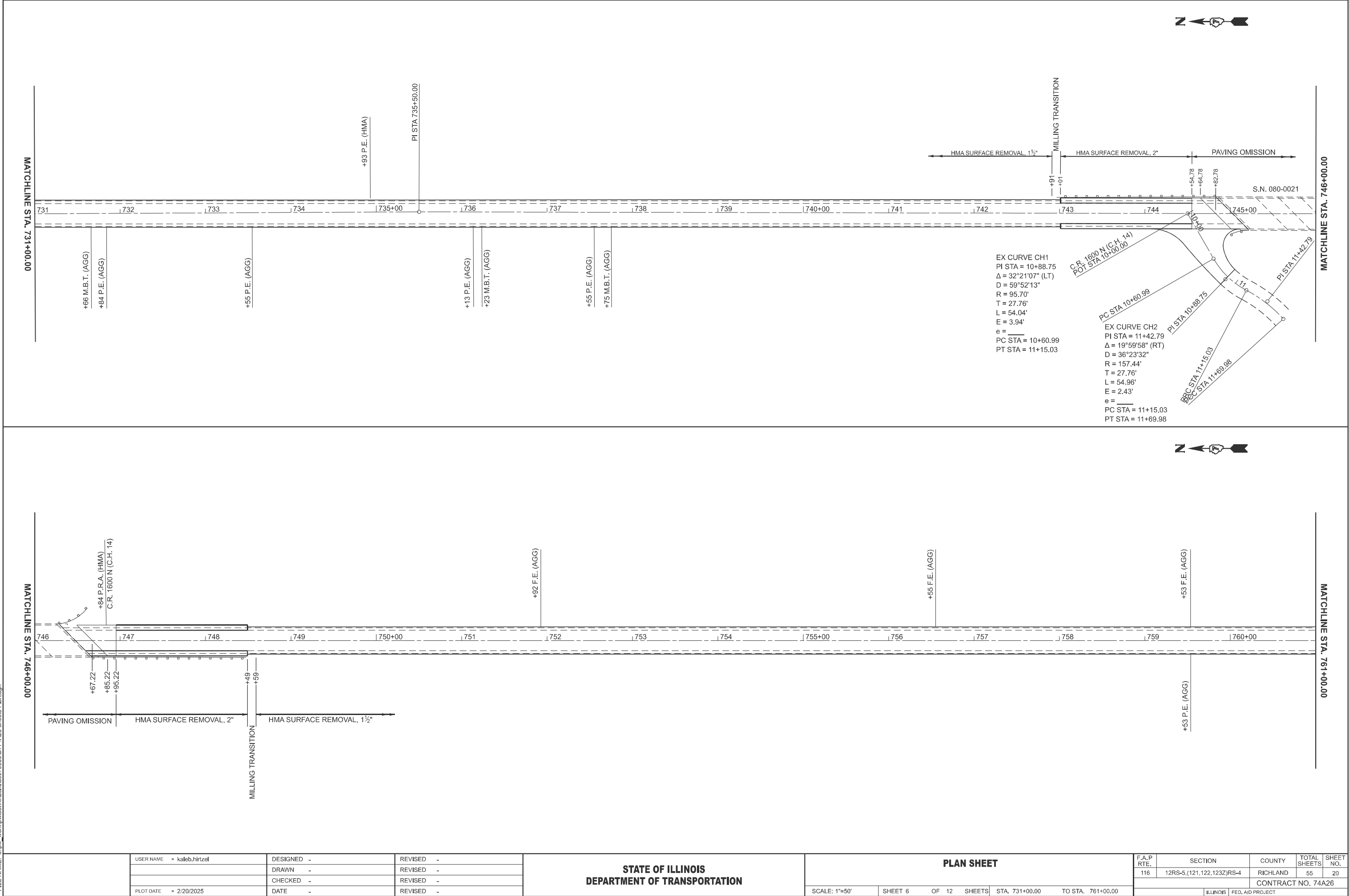
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: 1"=50'	SHEET 5	OF 12	SHEETS	STA. 701+00.00	TO STA. 731+00.00
---------------	---------	-------	--------	----------------	-------------------

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	19
CONTRACT NO. 74A26				
ILLINOIS		FED. AID PROJECT		

MODEL: IL130 CL - IL 140 [Sheet]
FILE NAME: c:\p\work\p\wid\hrtzel\dd975530\D774A26-sheets-Plan.dgn



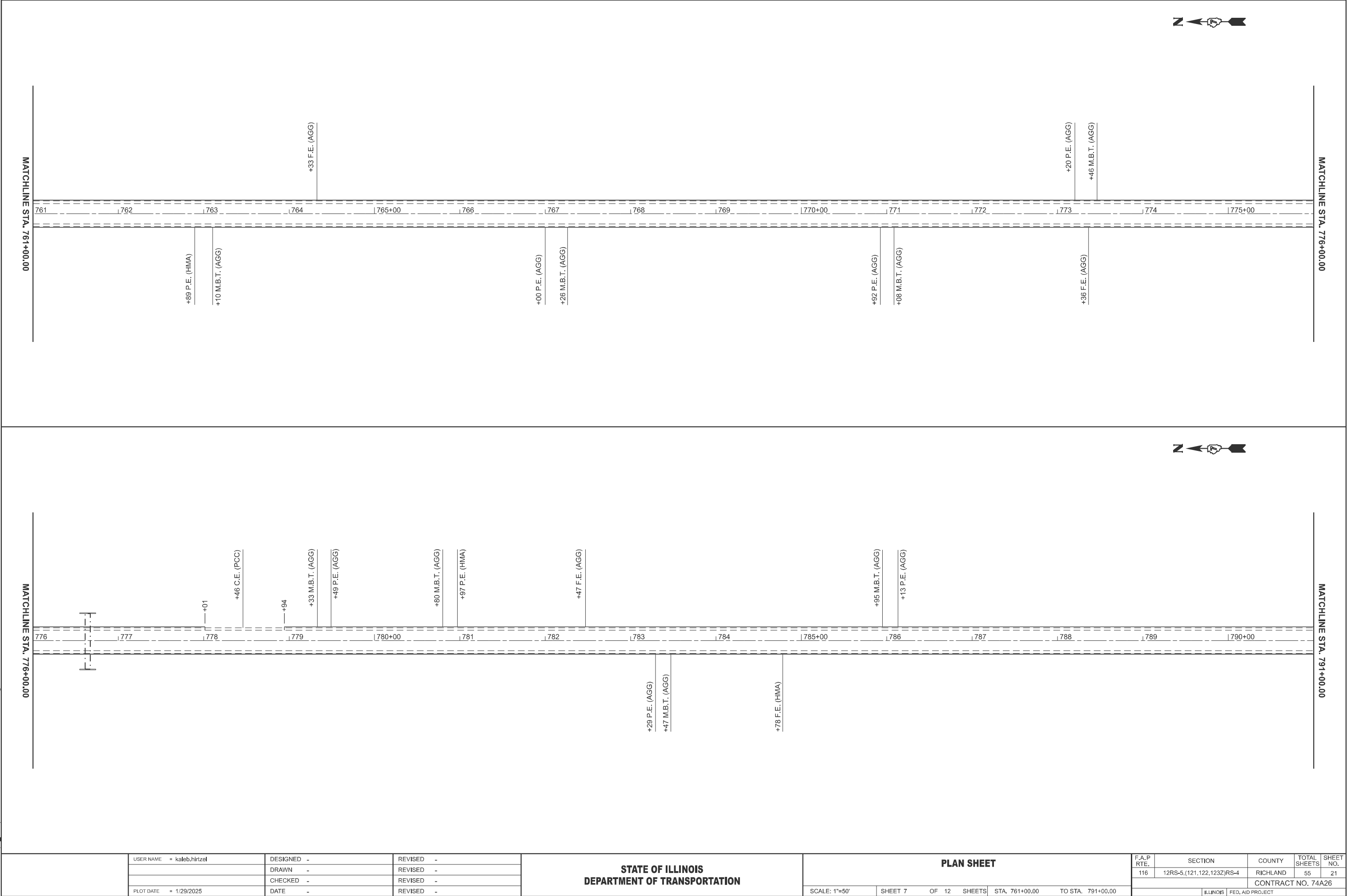
	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 2/20/2025	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
---	--

PLAN SHEET			
SCALE: 1"=50'	SHEET 6	OF 12 SHEETS	STA. 731+00.00 TO STA. 761+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	20
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				

MODEL: IL130 CL - IL 142 [Sheet]
FILE NAME: c:\p\work\p\widolhirtzel\ld975530\D774A26-sheets-Plan.dgn



USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/29/2025	DATE -	REVISED -

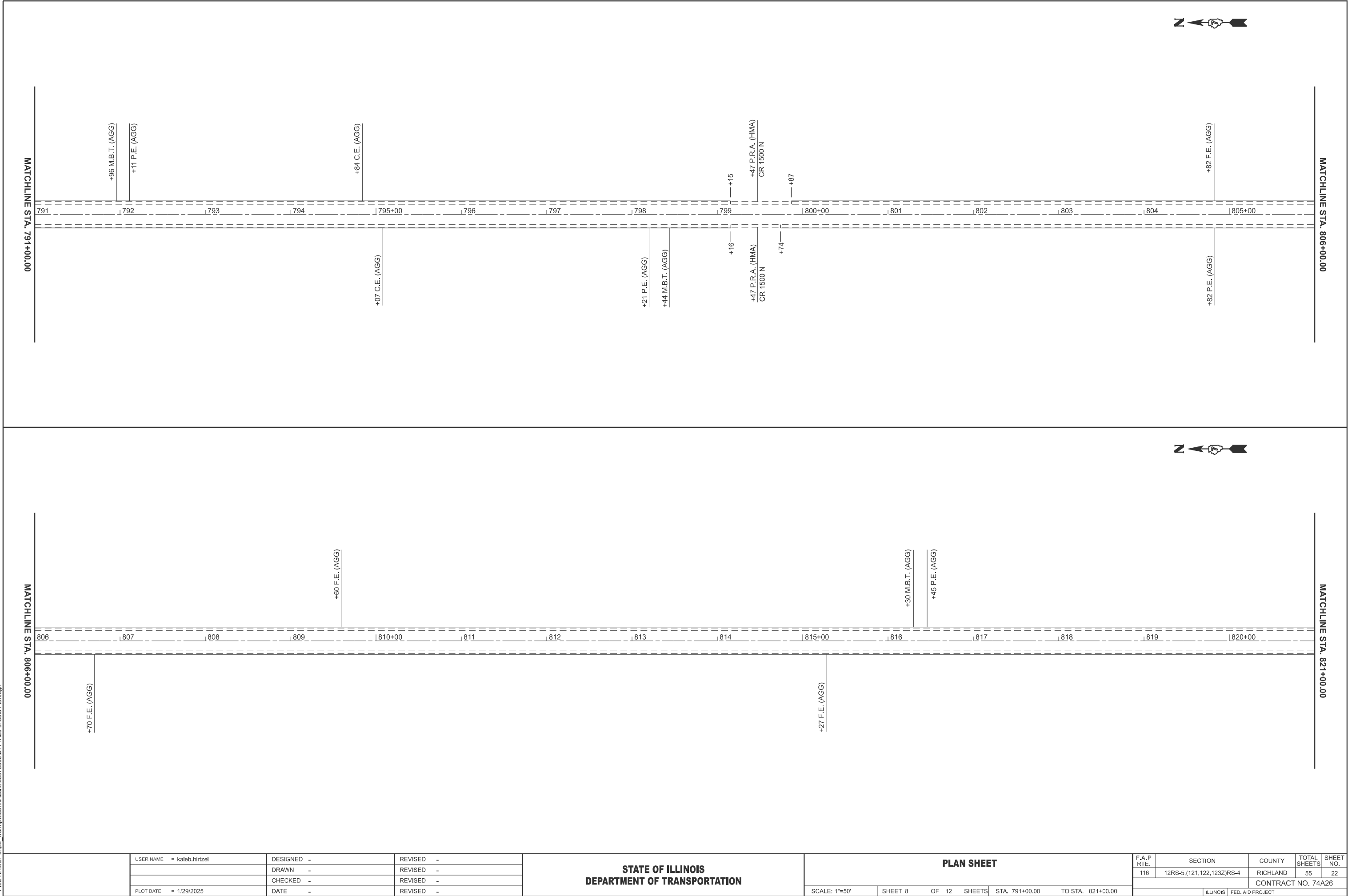
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: 1"=50' SHEET 7 OF 12 SHEETS STA. 761+00.00 TO STA. 791+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	21
		CONTRACT NO. 74A26		
		ILLINOIS	FED. AID PROJECT	

MODEL: IL130 CL - IL 144 [Sheet]
FILE NAME: c:\p\work\p\widolhirtzel\ld976530\D774A26-sheets-Plan.dgn

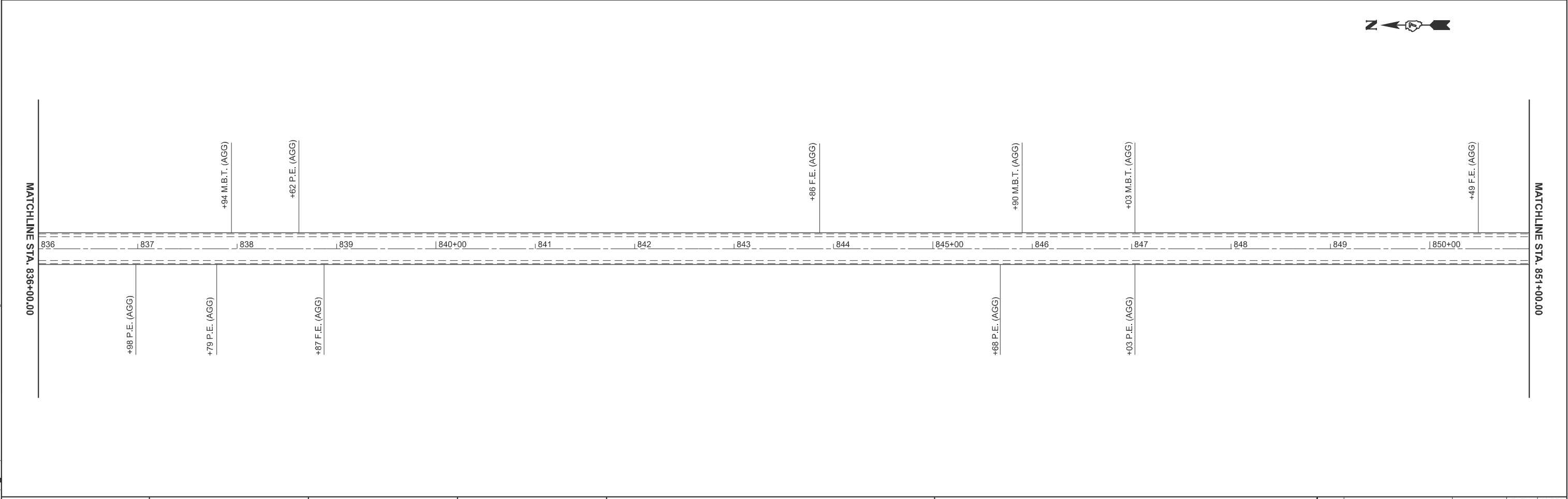
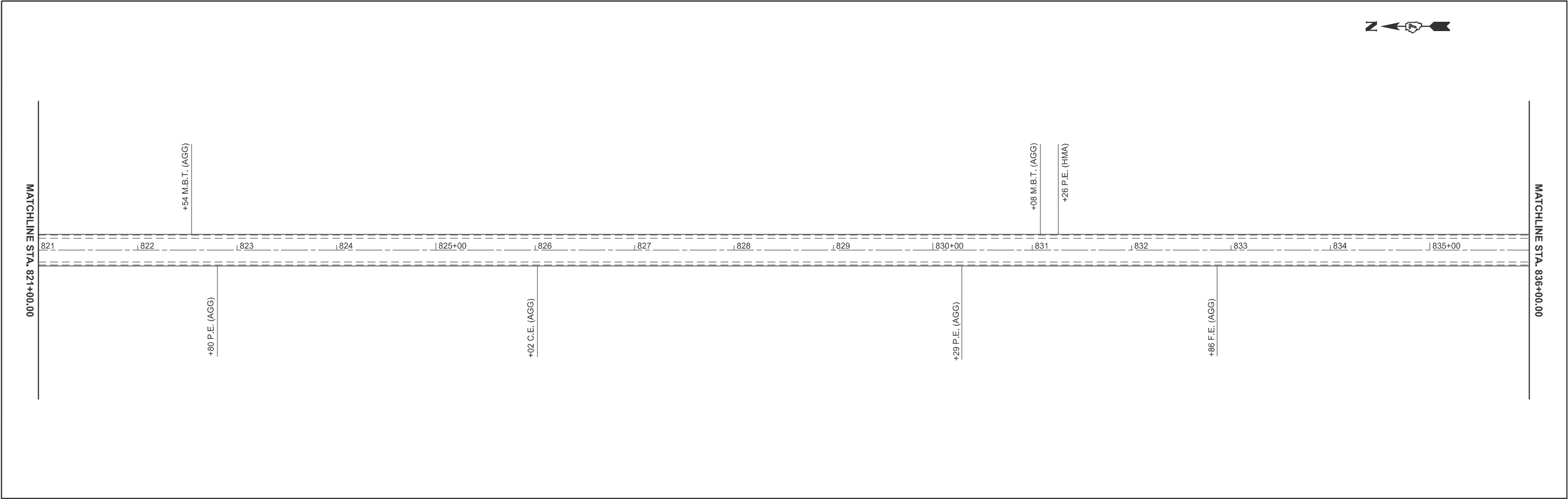


USER NAME	= kaleb.hirtzel	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 1/29/2025	DATE	-	REVISED	-

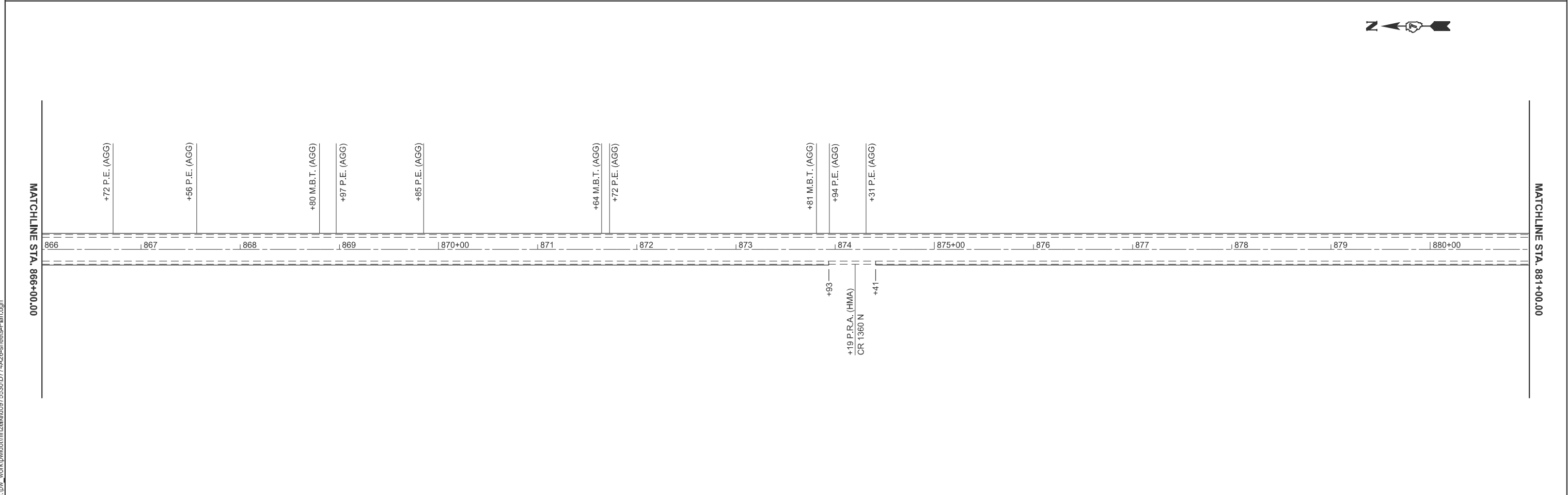
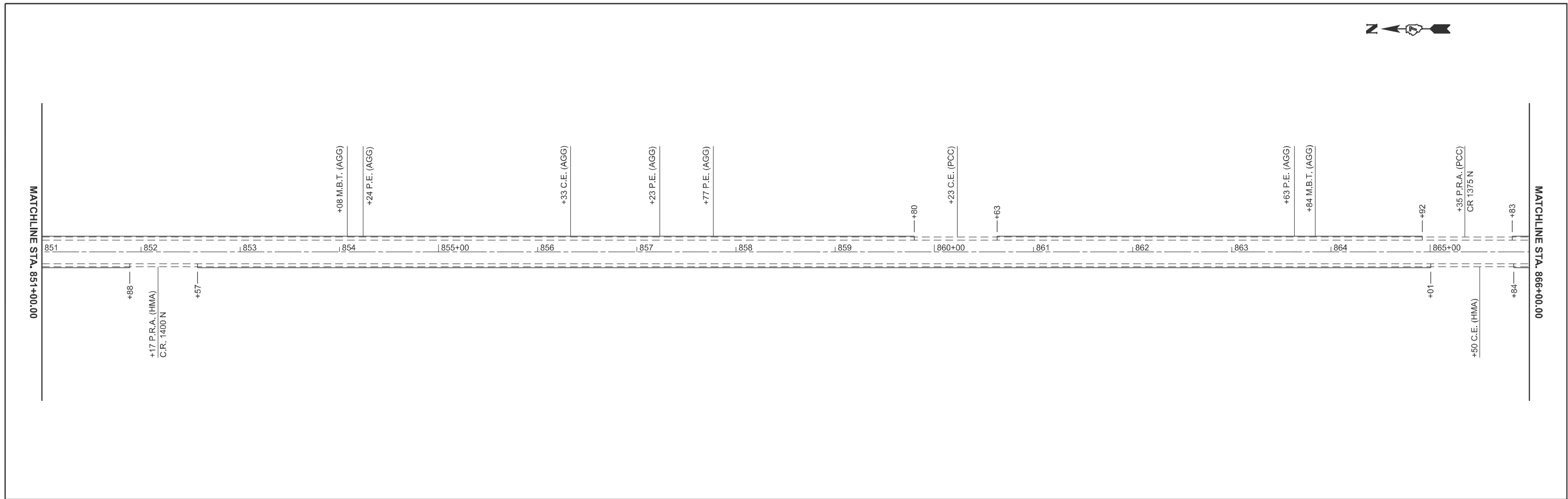
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN SHEET			
SCALE: 1"=50'	SHEET 8	OF 12 SHEETS	STA. 791+00.00 TO STA. 821+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	22
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				



	USER NAME = kaleb,hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	23
		CHECKED -	REVISED -				CONTRACT NO. 74A26					
	PLOT DATE = 1/29/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 9 OF 12 SHEETS	STA. 821+00.00 TO STA. 851+00.00	ILLINOIS FED. AID PROJECT				



FILE NAME	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET						F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		116	12RS-5, (121,122,123Z)RS-4	RICHLAND	55	24						
		CHECKED -	REVISED -		CONTRACT NO. 74A26										
	PLOT DATE = 1/29/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 10	OF 12	SHEETS	STA. 851+00.00	TO STA. 881+00.00	ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS FOR FLASHING BEACONS

CODE	ITEM	UNIT	QUANTITY
72000I00	SIGN PANEL-TYPE I	SQFT	45
73000I00	WOOD SIGN SUPPORT	FOOT	64
80500I00	SERVICE INSTALLATION,TYPE A	EACH	I
8I028340	UNDERGROUND CONDUIT, PVC, I-I/2" DIA	FOOT	I929
8I028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	2I2
8II00500	CONDUIT ATTACHED TO STRUCTURE, I-I/2" DIA., GALVANIZED STEEL	FOOT	48
8I400730	HANDHOLE, COMPOSITE CONCRETE	EACH	3
85800I00	FLASHER CONTROLLER	EACH	I
8730III5	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.I2 2C	FOOT	2376
8730I805	ELECTRIC CABLE IN CONDUIT,SERVICE,NO 6 2C	FOOT	25
88000I05	FLASHING BEACON INSTALLATION	EACH	I
88040030	SIGNAL HEAD, POLYCARONATE, LED, IFACE, ISECTION, POST MOUNTED	EACH	4
89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	I
X8302I25	WOOD POLE, 25 FT, CLASS 4	EACH	I

GENERAL NOTES

THIS PROJECT IS LOCATED AT THE JUNCTION OF DUNDAS ROAD (CO RD 1800 N) AND ILLINOIS 130 RICHLAND COUNTY, JUST WEST OF DUNDAS IL.THE WORK INCLUDED IN THIS SECTION CONSISTS OF INSTALLING POST MOUNTED SIGNS WITH FLASHING BEACONS AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THE LOCATION OF ALL FLASHING BEACON COMPONENTS AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY.THE FINAL LOCATION SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE EXISTING UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION.CALL J.U.L.I.E. AT 1-800-892-0123. THE TRAFFIC SIGNAL UTILITY LINES WILL BE LOCATED BY IDOT,CALL 217-342-5677.

THE TRAFFIC SIGNAL ENGINEER AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 217-342-5677 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT.

THE SIZE OF THE CABLE SUPPLIED SHALL BE EQUAL TO OR GREATER THAN THE SIZE OF THE CABLE REQUIRED TO CARRY THE LOAD BETWEEN THE CONTROLLER AND THE SERVICE INSTALLATION.

ALL NEW FLASHER SIGNAL WIRING SHALL EXTEND FROM FLASHER CONTROLLER TO THE FLASHER BEACONS.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED.CABLES SHALL BE NEATLY WOUND IN HANDHOLES.CABLES SHALL BE NEATLY TRAINED IN THE FLASHER CABINET.

ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

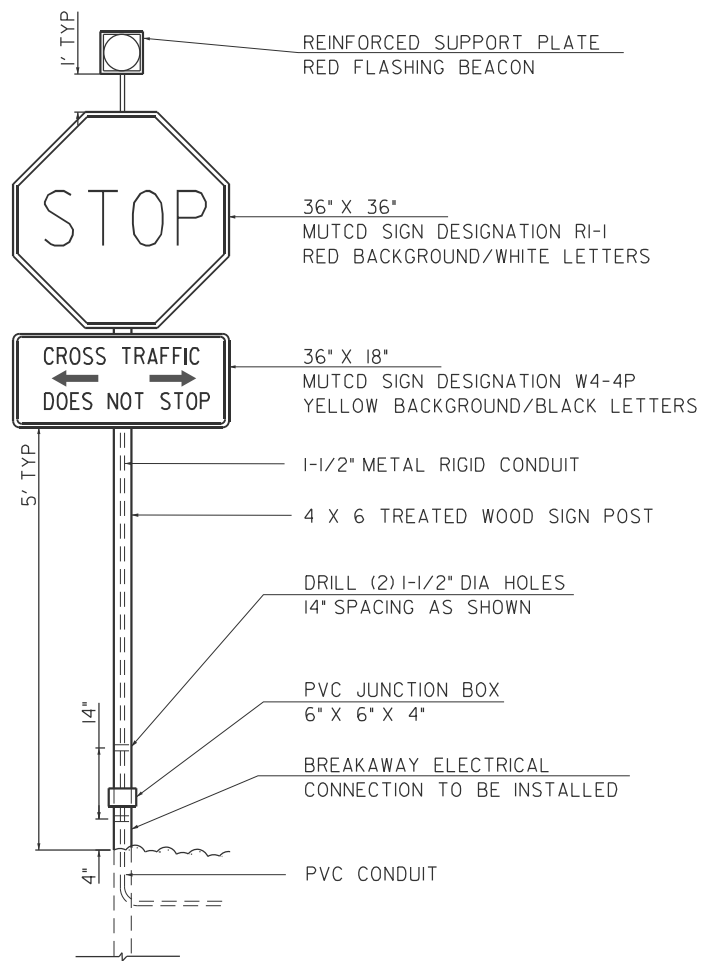
NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY.THE COST OF THIS WORK IS TO BE INCLUDED WITH THE ELECTRICAL WORK PAY ITEM.

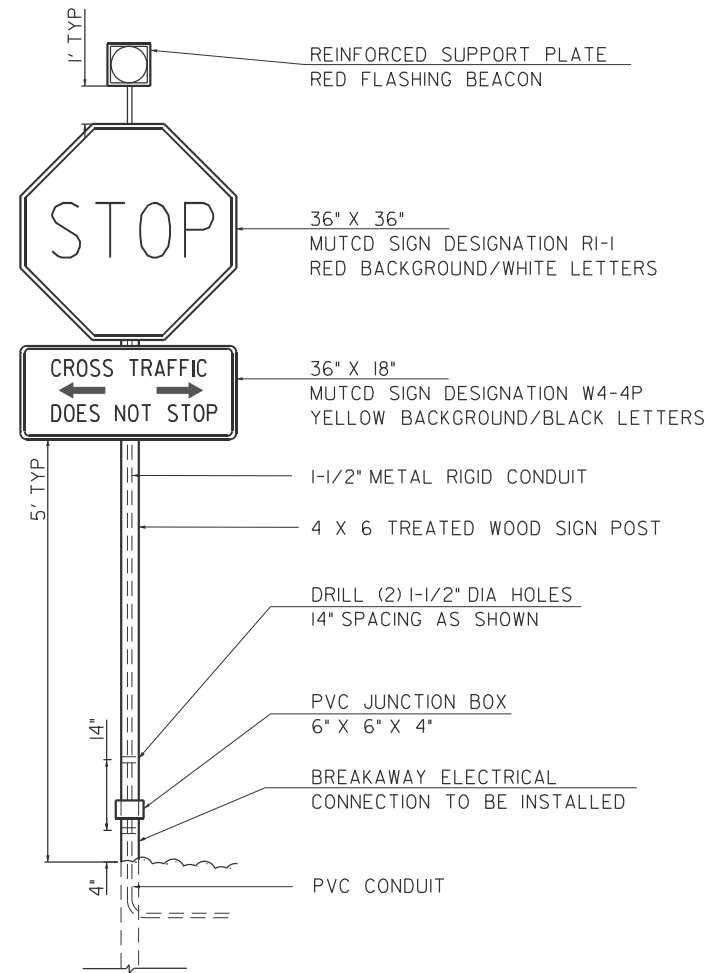
THE NUMBER OF CONDUCTORS FOR ELECTRIC CABLES AS SHOWN ON THE PLANS SHALL BE THE MINIMUM NUMBER OF CONDUCTORS FURNISHED FOR EACH LOCATION.THE CONTRACTOR MAY SUBSTITUTE AN ELECTRIC CABLE WITH MORE CONDUCTORS THAN SPECIFIED BUT NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE EXTRA CONDUCTORS.

MODEL: TS-Sht1 [Sheet]
FILE NAME: c:\p\work\pw\hrt\hrtz\kld976530\D774A26_SHT-TS-DETAIL.S.dgn

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 130 & DUNDAS RD GENERAL NOTES/BILL OF MATERIALS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	27
		CHECKED -	REVISED -					CONTRACT NO. 74A26				
	PLOT DATE = 1/29/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 6	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



LOCATION 1



LOCATION 2

MODEL: TS-SN2 (Sheet)
FILE NAME: c:\p\work\pw\kohlhirtzel\kud975530\DT74A26_SHT-TS-DETAILS.dgn

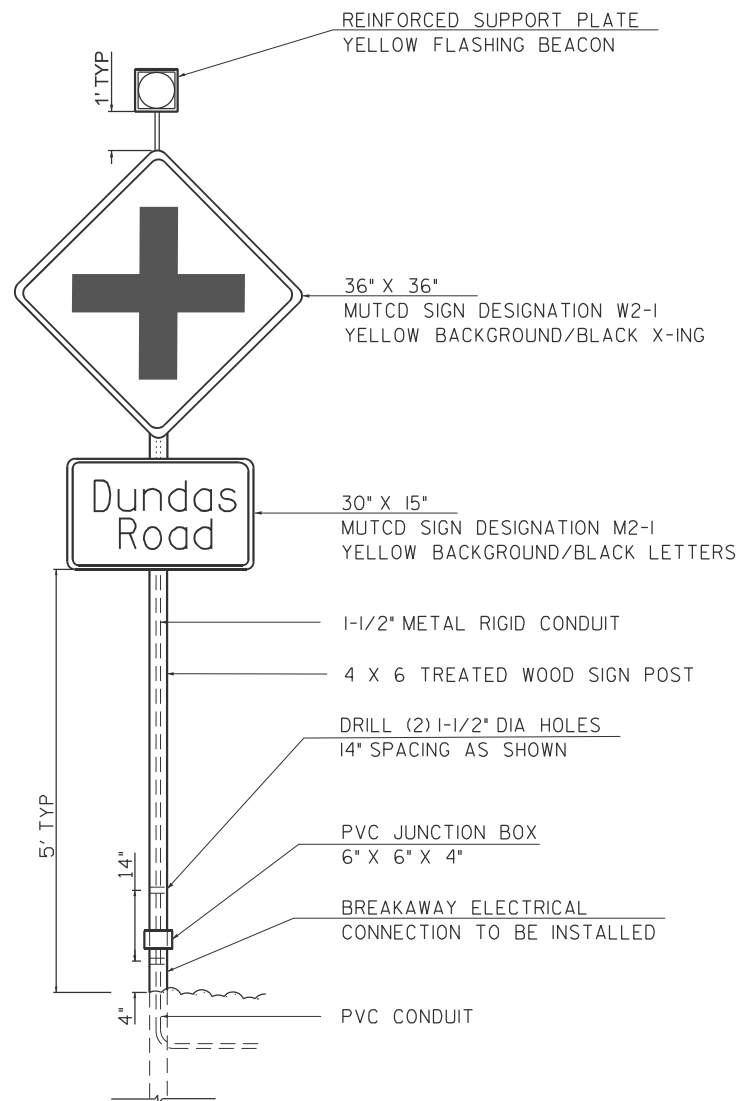
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

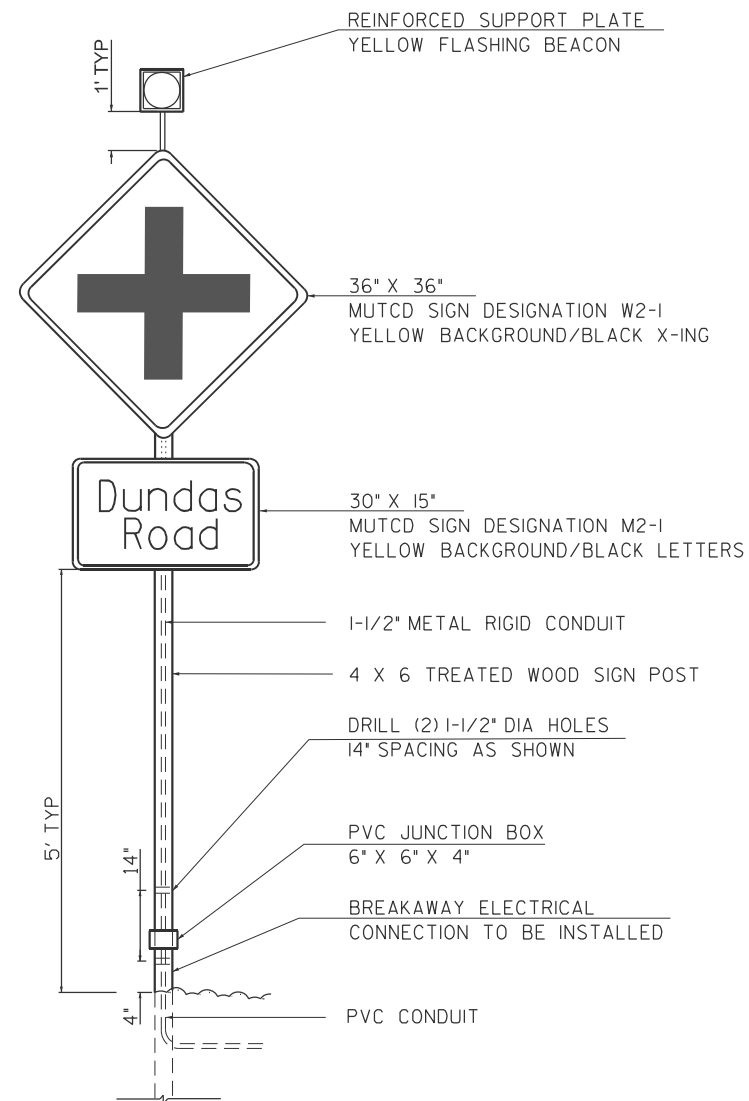
IL 130 & DUNDAS RD
SIGNAGE/BEACON DETAILS

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	28
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				



LOCATION 3



LOCATION 4

MODEL: TS-SN3 (Sheet)
FILE NAME: c:\p\work\pwh\hrtz\kld97530\D774A26_SHT-TS-DETAILS.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/29/2025	DATE -	REVISED -

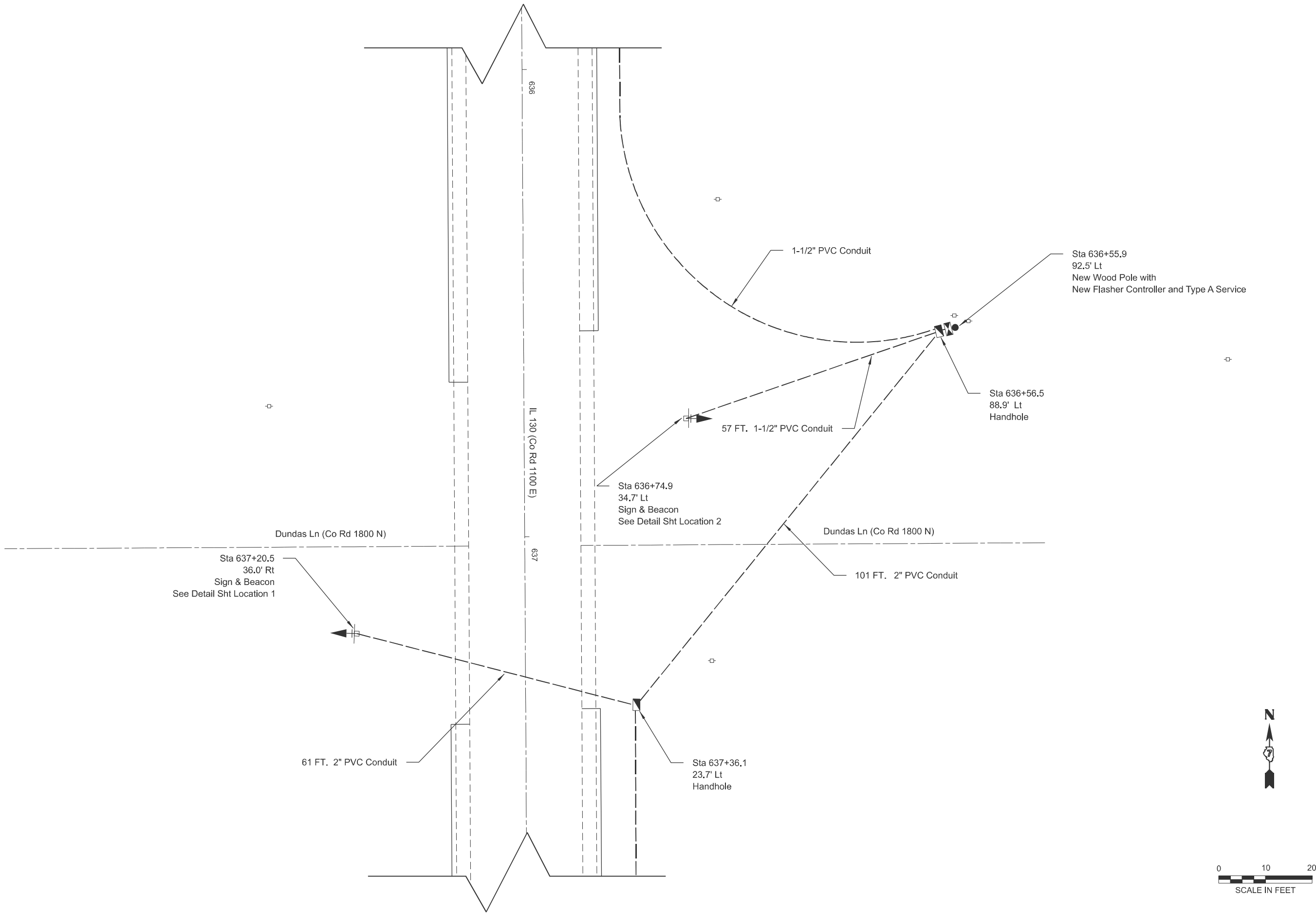
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 130 & DUNDAS RD
SIGNAGE/BEACON DETAILS

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	29
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				

MODEL: TS-Sht4 (Sheet)
FILE NAME: c:\p\work\hrtz\hrtz\id97530\74A26_SHT-TS-INTERSECTION LAYOUT.dgn



	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 130 & DUNDAS RD INTERSECTION SIGNAGE & BEACONS		F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	30
		CHECKED -	REVISED -				CONTRACT NO. 74A26				
	PLOT DATE = 2/20/2025	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 4 OF 6 SHEETS		STA.		TO STA.					

MODEL: TS-SN15-2 (Sheet)
FILE NAME: c:\p\work\hrtz\hrtz\id97530\ID74A26_SHT-TS-SB-ADVANCED-BEACONS.dgn

Sta 629+47.0
28.8' Rt
Sign and Beacon
See Detail Sht Location 3

Sta 629+47.0
21.9' Lt
Handhole

50 FT. 2" PVC Conduit

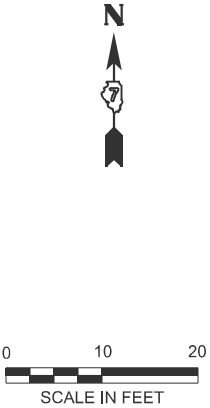
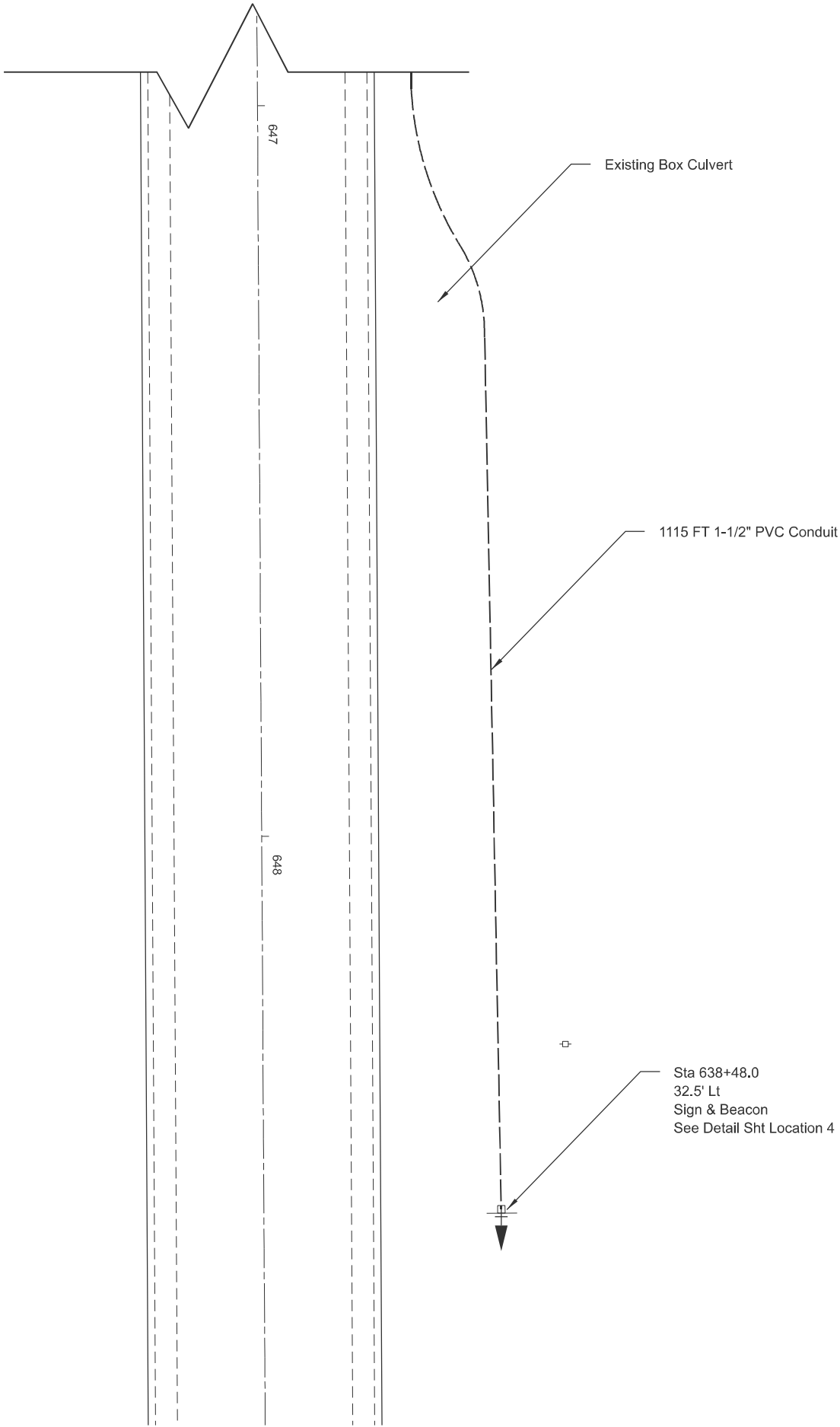
756 FT 1-1/2" PVC Conduit

629

630+00

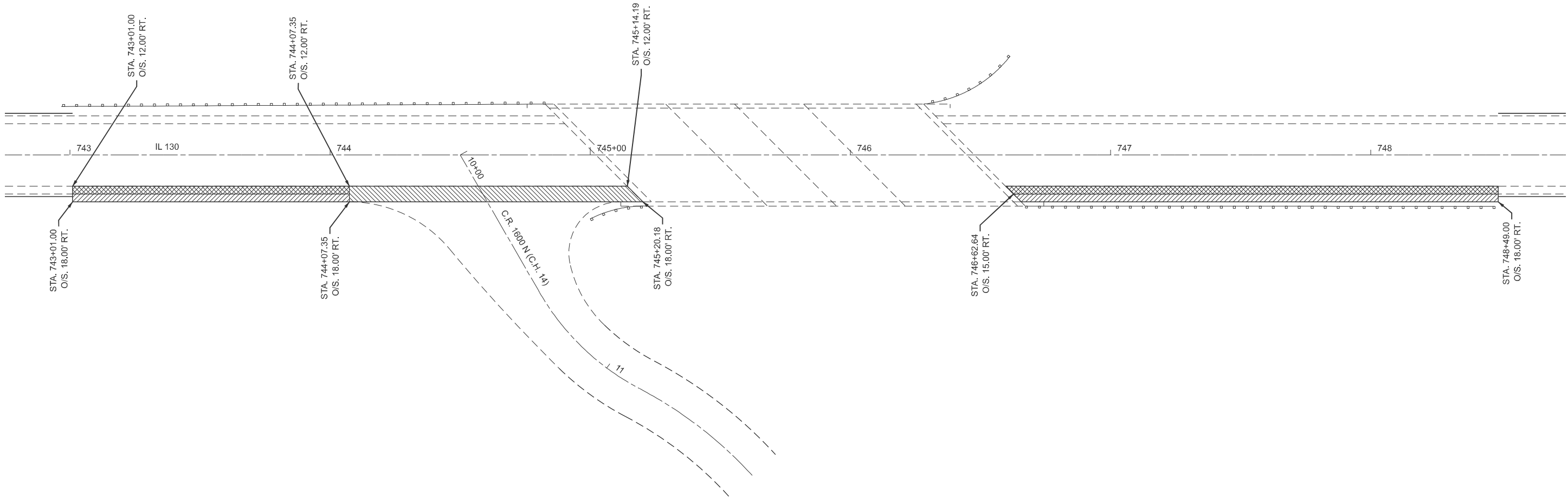


	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 130 & DUNDAS RD SB ADVANCED BEACONS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	31
		CHECKED -	REVISED -		CONTRACT NO. 74A26							
	PLOT DATE = 1/29/2025	DATE -	REVISED -		SCALE:	SHEET 5	OF 6	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



MODEL: TS-SN6 [Sheet]
FILE NAME: c:\p\work\pw\kohlhirtzel\0975530\D774A26_SHT-TS-NB-ADVANCED-BEACONS.dgn

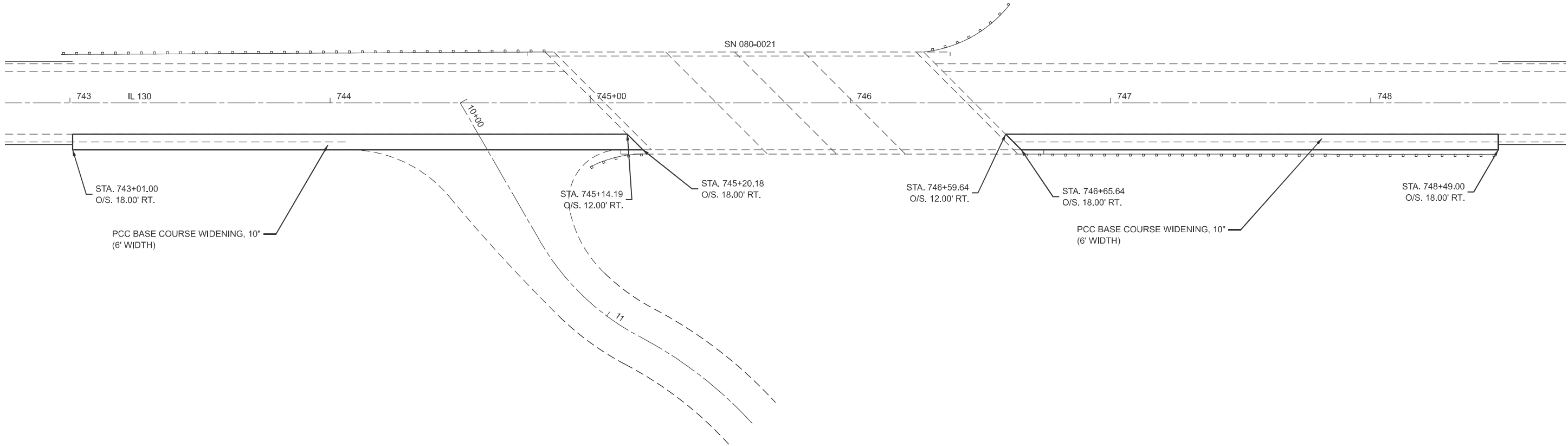
	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 130 & DUNDAS RD NB ADVANCED BEACONS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	32
		CHECKED -	REVISED -					CONTRACT NO. 74A26				
	PLOT DATE = 1/29/2025	DATE -	REVISED -		SCALE:	SHEET 6	OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



-  PAVED SHOULDER REMOVAL (3' WIDTH)
-  EXCAVATING AND GRADING EXISTING SHOULDERS (3' WIDTH)
-  PAVEMENT REMOVAL (SPECIAL)

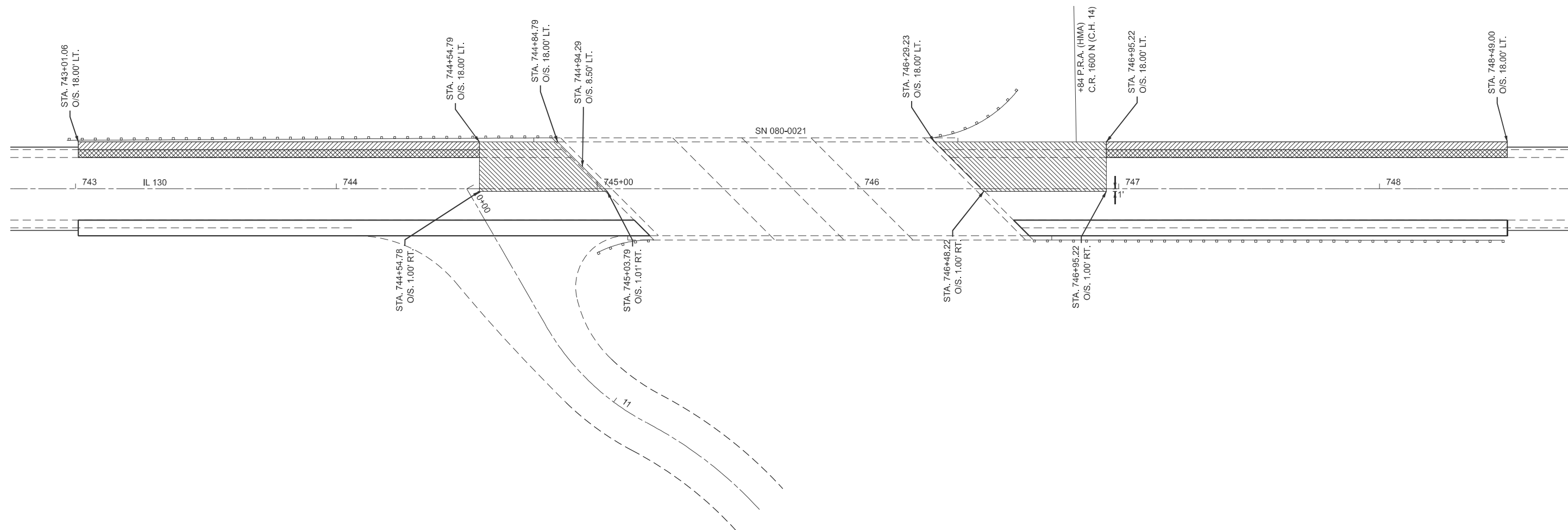
MODEL: IL 130 CL - PreStage Removals (Sheet)
FILE NAME: c:\p\work\hartzel\id375530\74A26-sheets-Staging-PreStageRemovals.dgn

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRE-STAGE CONSTRUCTION REMOVALS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	33
		CHECKED -	REVISED -					CONTRACT NO. 74A26				
	PLOT DATE = 2/20/2025	DATE -	REVISED -		SCALE: 1"=20'	SHEET 1	OF 7 SHEETS	STA. 742+75.00	TO STA. 748+75.00	ILLINOIS	FED. AID PROJECT	



MODEL: IL 130 CL - PreStage [Sheet]
FILE NAME: c:\p\work\wid\hrtzel\ud975530\D774A26-sheets-Staging-PreStage.dgn

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PRE-STAGE CONSTRUCTION			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	34
		CHECKED -	REVISED -					CONTRACT NO. 74A26				
	PLOT DATE = 2/24/2025	DATE -	REVISED -		SCALE: 1"=20'	SHEET 2	OF 7 SHEETS	STA. 742+75.00	TO STA. 748+75.00	ILLINOIS	FED. AID PROJECT	



-  PAVED SHOULDER REMOVAL (3' WIDTH)
 EXCAVATING AND GRADING EXISTING SHOULDER (3' WIDTH)
 APPROACH SLAB REMOVAL

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

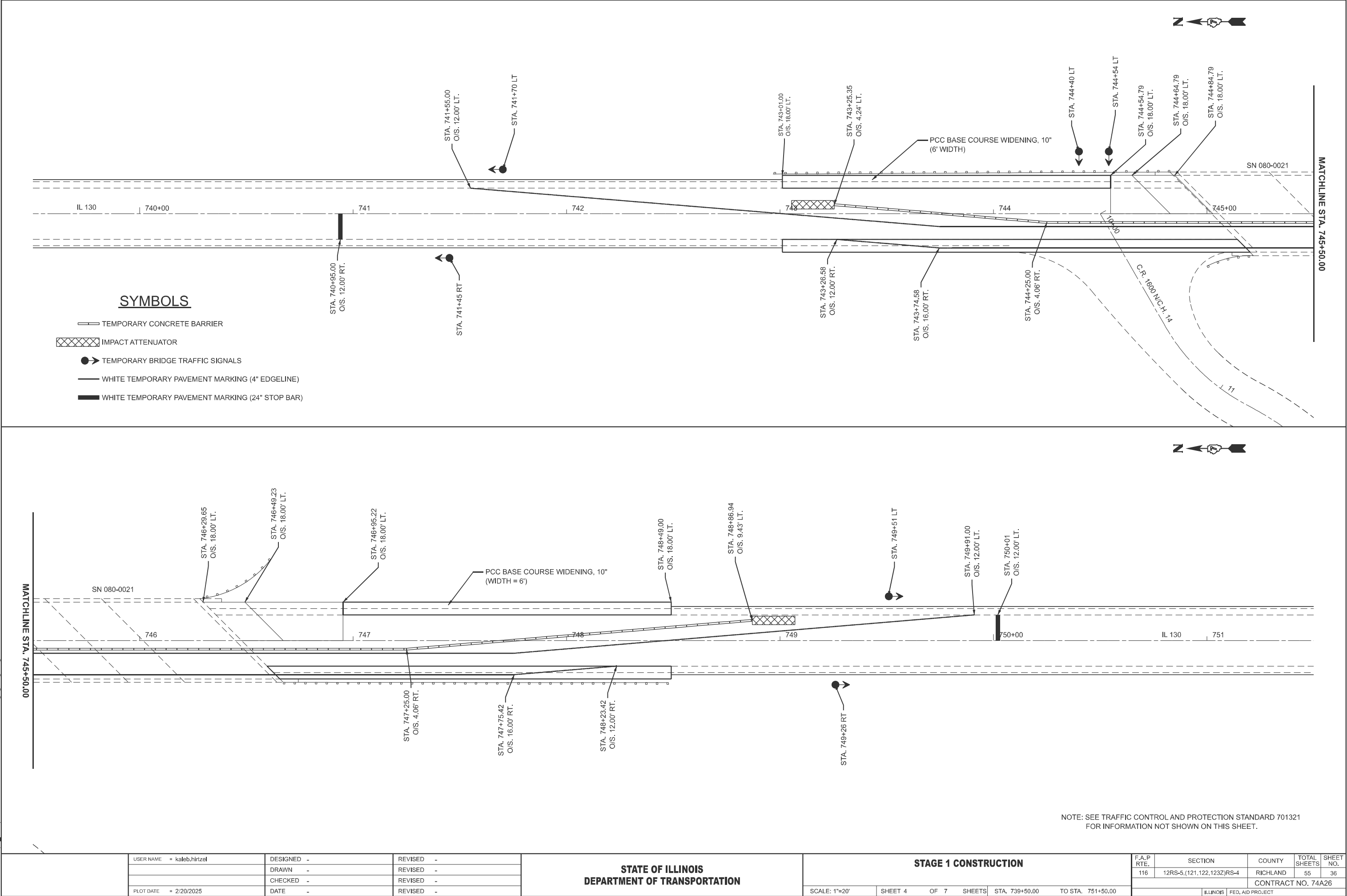
STAGE 1 CONSTRUCTION REMOVALS

SCALE: 1"=20'	SHEET 3	OF 7	SHEETS	STA. 742+75.00	TO STA. 748+75.00
---------------	---------	------	--------	----------------	-------------------

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	35
		CONTRACT NO. 74A26		
ILLINOIS		FED. AID PROJECT		

MODEL: IL130 CL - Stage 1 Removals [Sheet]
FILE NAME: c:\pw_work\pwidot\hrlz\id0975530\ID774A26-sheets-Staging-Stage 1 Removals.dgn

MODEL: IL130 CL - Stage 1 [Sheet]
FILE NAME: c:\p\work\kaleb.hirtzel\0975530\D774A26-sheets-Stage1.dgn



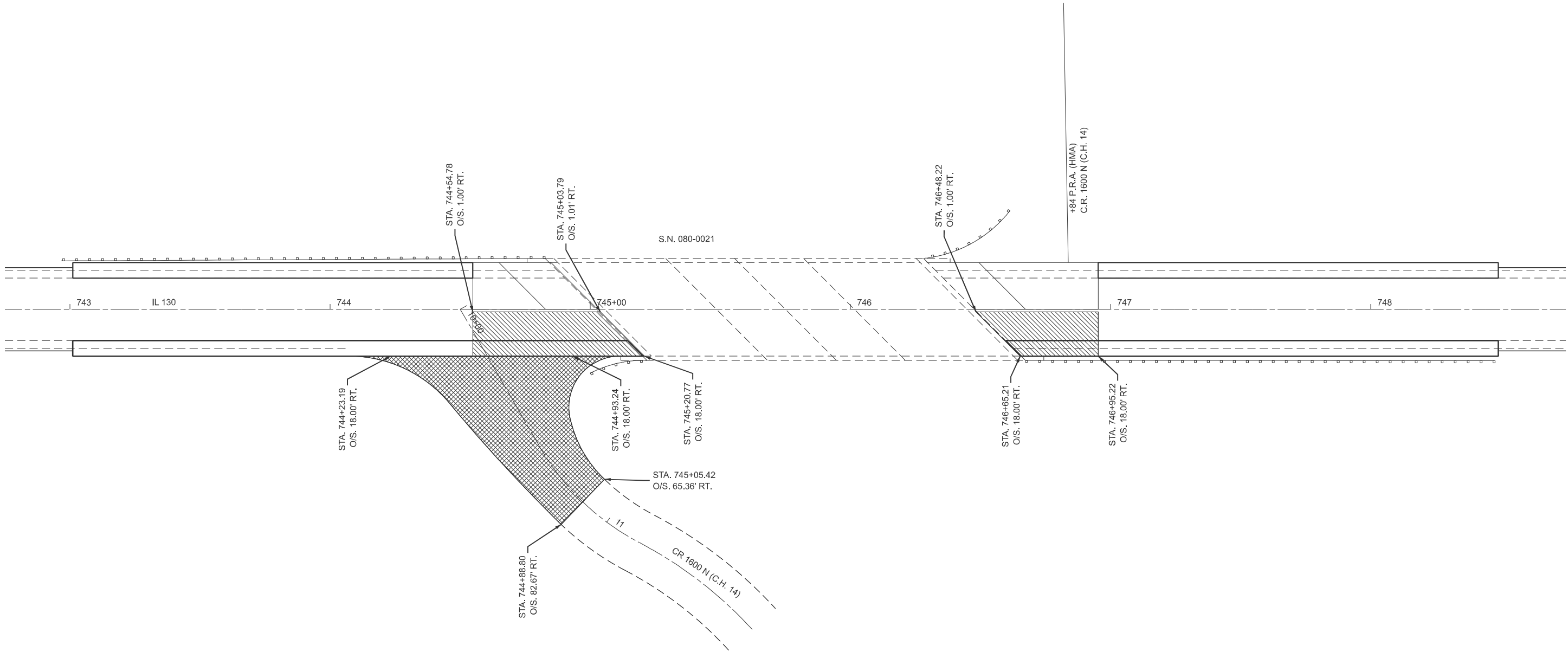
	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 2/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1 CONSTRUCTION

SCALE: 1"=20' SHEET 4 OF 7 SHEETS STA. 739+50.00 TO STA. 751+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	36
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				



- APPROACH SLAB REMOVAL
- PAVEMENT REMOVAL (SPECIAL)

MODEL: IL 130 CL - Stage 2 Removals [Sheet]
FILE NAME: c:\p\work\hiltz\hiltz\id97530\74A26-sheets-staging-Stage2Removals.dgn

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/20/2025	DATE -	REVISED -

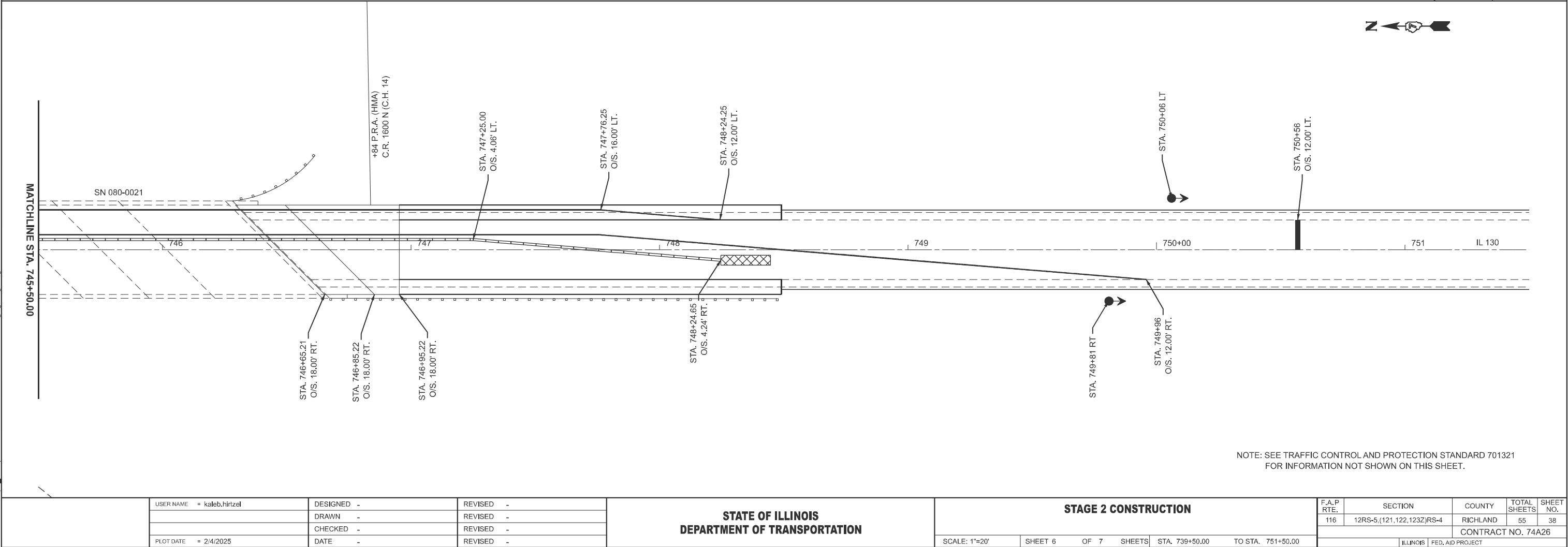
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2 CONSTRUCTION
REMOVALS

SCALE: 1"=20' SHEET 5 OF 7 SHEETS STA. 742+75.00 TO STA. 748+75.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	37
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				

MODEL: IL 130 CL - Stage 2 [Sheet]
FILE NAME: c:\p\work\hrtz\k\id975530\D774A26-sheets-Stage2.dgn



NOTE: SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701321
FOR INFORMATION NOT SHOWN ON THIS SHEET.

	USER NAME = kaleb.hirtzel		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 2 CONSTRUCTION				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED -						116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	38
			CHECKED -	REVISED -						CONTRACT NO. 74A26				
	PLOT DATE = 2/4/2025		DATE -	REVISED -		SCALE: 1"=20'	SHEET 6	OF 7	SHEETS	STA. 739+50.00	TO STA. 751+50.00	ILLINOIS	FED. AID PROJECT	

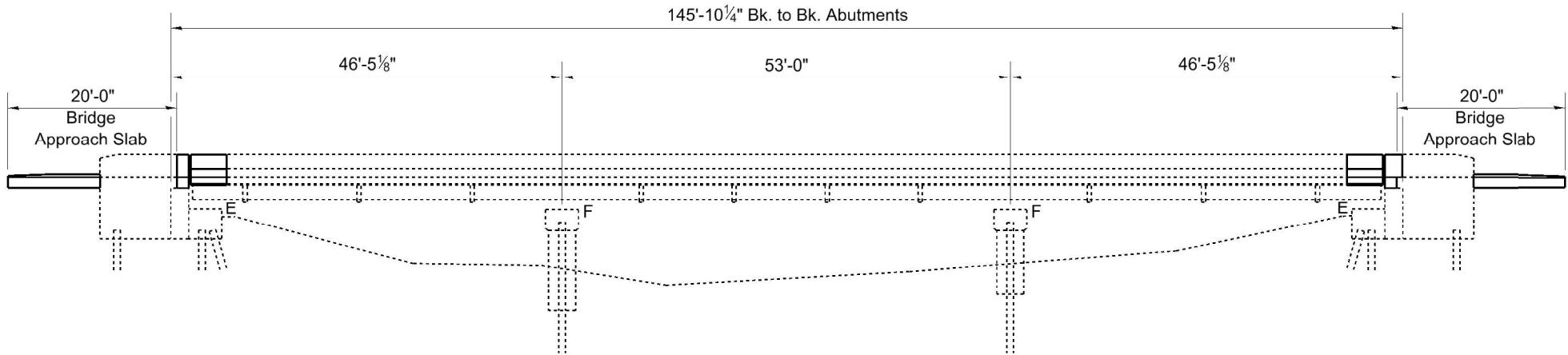
Structure 080-0021 carries ILL 130 over Long Branch Fox River.
The three span, steel multi-beam structure was built in 1982.
The proposed project consists of replacement of the expansion
joints with new strip seals, bearing replacement, full depth deck
patching, scarification, concrete overlay, and new approach pavements.

DESIGN SPECIFICATIONS

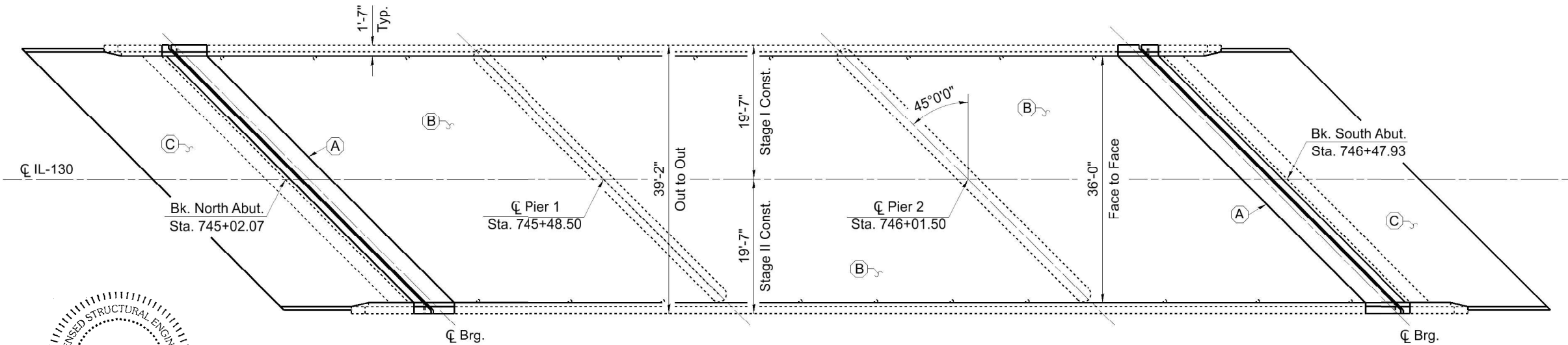
2002 AASHTO Standard Specifications
for Highway Bridges

PROPOSED DESIGN STRESSES

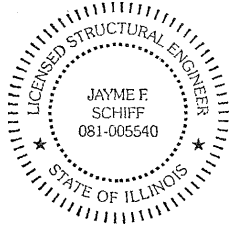
$f_c = 4,000$ psi (Superstructure)
 $f_y = 60,000$ psi (Reinforcement)



ELEVATION



PLAN



EXPIRES 11-30-2024

Jayme F. Schiff

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

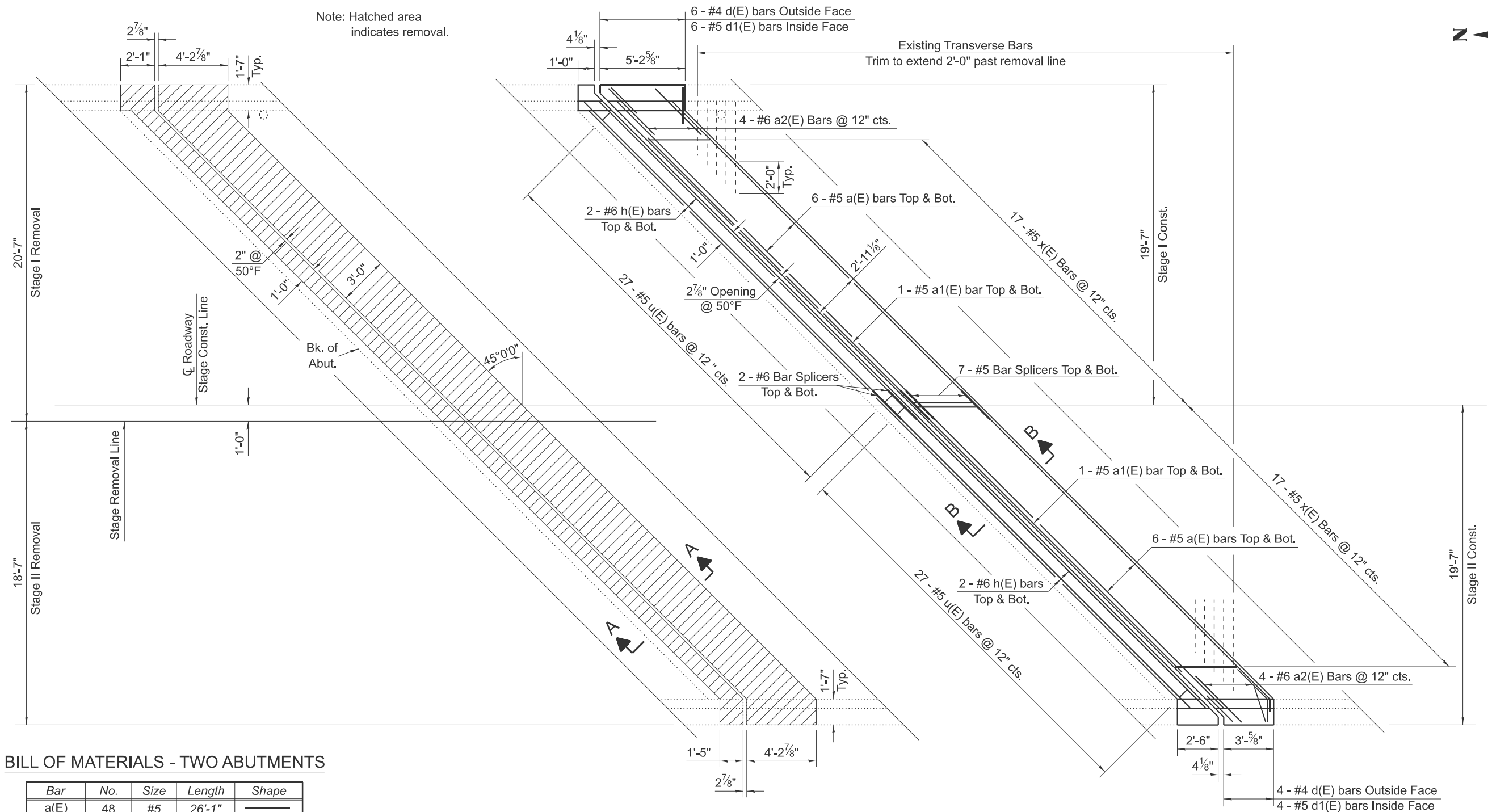
NOTE: Default
FILE NAME: p:\projects\p080021\080021.dgn
PROJECT: 080-0021
SHEET: 1 OF 1
DATE: 3/11/2025

USER NAME	DESIGNED	REVISIONS
DRAWN	REVISIONS	
CHECKED	REVISIONS	
DATE	REVISIONS	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

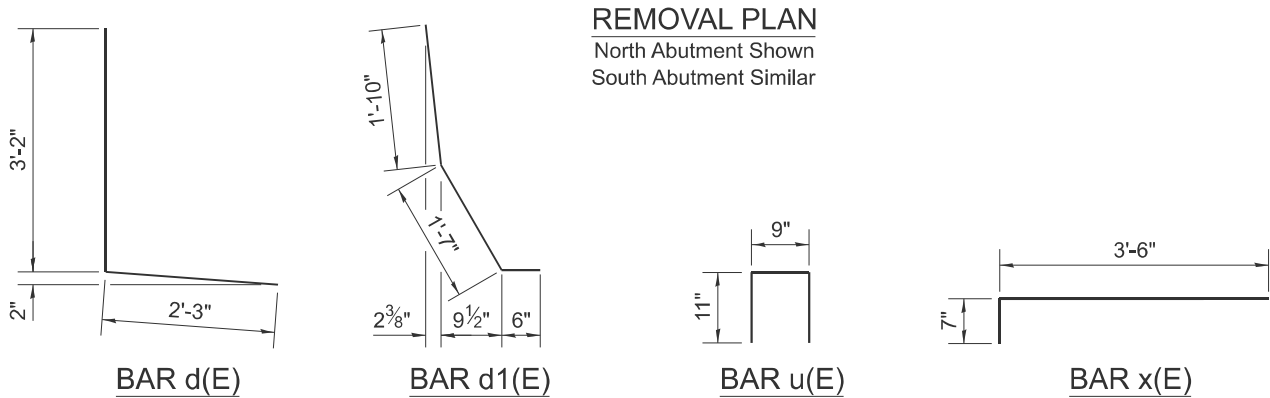
GENERAL PLAN & ELEVATION
S.N. 080-0021
SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	40
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS - TWO ABUTMENTS

Bar	No.	Size	Length	Shape
a(E)	48	#5	26'-1"	
a1(E)	8	#5	23'-0"	
a2(E)	16	#6	4'-0"	
d(E)	20	#4	5'-5"	
d1(E)	20	#5	3'-11"	
h(E)	16	#6	26'-1"	
u(E)	108	#5	2'-7"	
x(E)	68	#5	4'-1"	
ITEM			UNIT	QUANTITY
Concrete Removal			Cu. Yd.	17.5
Concrete Superstructure			Cu. Yd.	19.4
Reinforcement Bars, Epoxy Coated			Pound	2,960
Bar Splicers			Each	36



REINFORCEMENT PLAN
North Abutment Shown
South Abutment Similar

MODEL: Bridge-3 (Sheet)
FILE NAME: c:\p\work\hille\ad0975530\080-0021 Bridge Repair Plans.dgn

USER NAME = jessica.hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXPANSION JOINT REPLACEMENT DETAILS
S.N. 080-0021

SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	42
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				

Technical drawing of a bridge deck cross-section. The drawing shows the existing structure and proposed modifications. Key dimensions and labels include:

- Existing Approach Pavement:** Indicated on the left side.
- Existing Reinf. to remain in place:** Points to reinforcement within the existing structure.
- Bk. of Abut.:** Back of abutment line.
- 2" @ 50°F:** Temperature-related dimension at the top.
- 1'-0":** Dimension for the existing structure width.
- 3'-0":** Dimension for the proposed structure width.
- 1'-3 1/4" to 1'-7":** Variable dimension for the existing structure height.
- 1'-5 5/8":** Dimension for the proposed structure width.
- 3 5/8":** Dimension for the proposed structure height.
- 3" min.:** Minimum dimension for the proposed structure height.
- Varies:** Indicated for the proposed structure height.
- Measured along C Beam:** Dimension for the proposed structure width.
- Existing Reinf. to remain in place:** Points to reinforcement within the existing structure.
- Existing Girder:** Indicated on the right side.
- 3/4" Bridge Deck Scarification:** Dimension for the proposed structure height.
- 7 1/2":** Dimension for the proposed structure height.

For details of expansion joint - see sheet 5 of 9

2 7/8" @ 50°F

1'-0"

u(E)

2'-11 1/8"

*2 1/2" Concrete Overlay

*9 1/4"

Existing Reinf. to remain in place

Existing Girder

Bk. of Abut.

Proposed Approach Slab

Varies *1'-5" to *1'-8 3/4"

h(E)

x(E)

a(E)

a1(E)

6"

Diagram illustrating the proposed concrete overlay on the parapet. The overlay is circular with a diameter of 9". The parapet width is 1'-0" (12"). The diagram shows the "Toe of Parapet" on the left, the "Slope" of the parapet, and the "Surface of Proposed Concrete Overlay".

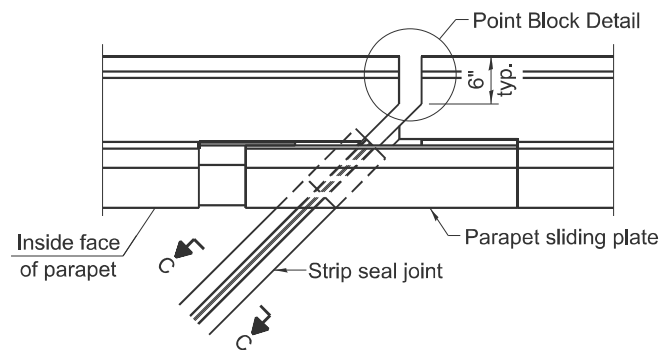
Technical drawing of a reinforced concrete wall and footing cross-section. The wall has a total height of 1'-9" and a base width of 3'-1 1/2". The footing is 9" thick. Reinforcement details include top bars (d(E), d1(E)), bottom bars (a(E), a2(E)), and existing reinforcement (Existing Reinf. to remain in place (Typ.)). Dimensions for various sections are provided in feet and inches.

[illegible]

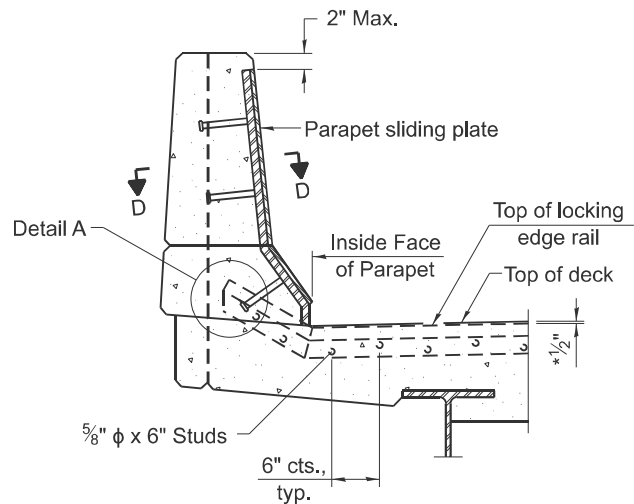
A cross-sectional diagram of a bridge deck and concrete overlay. The diagram shows a sloped bridge deck on the left, transitioning into a horizontal concrete overlay on the right. The bridge deck is labeled $\frac{3}{4}$ " Bridge Deck. The concrete overlay is labeled $*2\frac{1}{2}$ " Concrete Overlay. A vertical line separates the bridge deck from the concrete overlay, labeled Scarification. A horizontal line is drawn across the top of the concrete overlay, labeled $**1"$. An arrow points to the existing bridge deck surface, labeled Existing Drain.

MODEL: Bridge-4 [Sheet]
FILE NAME: c:\pw_work\pwidot\hillead\0975530\080-0021 Bridge Repair Plans.dgn

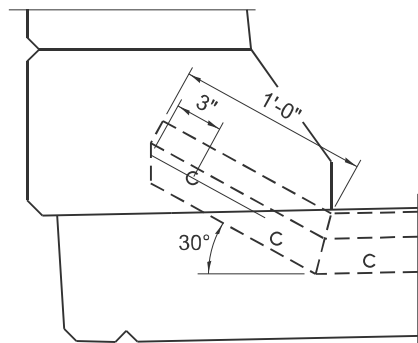
USER NAME = jessica.hille	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXPANSION JOINT REPLACEMENT DETAILS S.N. 080-0021				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	43
	CHECKED -	REVISED -		CONTRACT NO. 74A26								
PLOT DATE = 1/31/2025	DATE -	REVISED -										
				SCALE:	SHEET 4	OF 9	SHEETS	STA.	TO STA.			



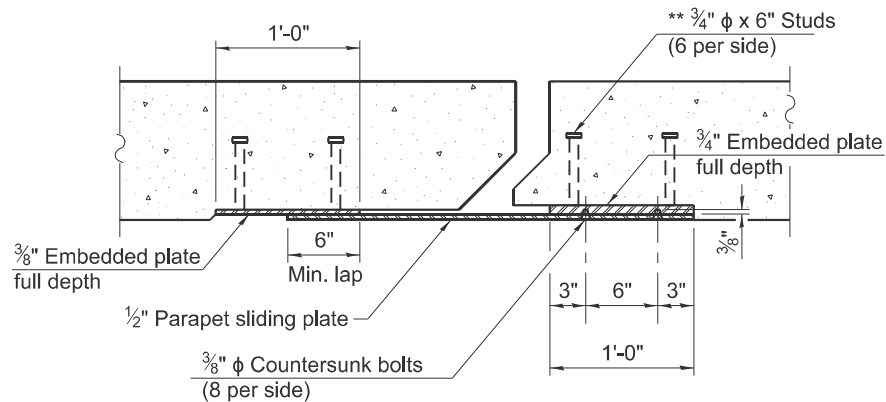
PLAN AT PARAPET



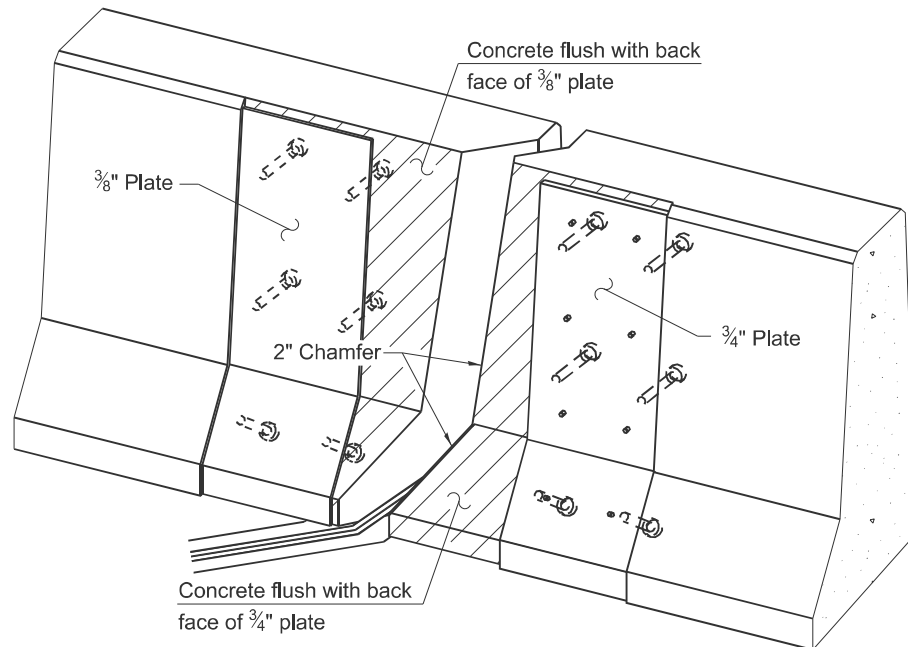
ELEVATION AT PARAPET



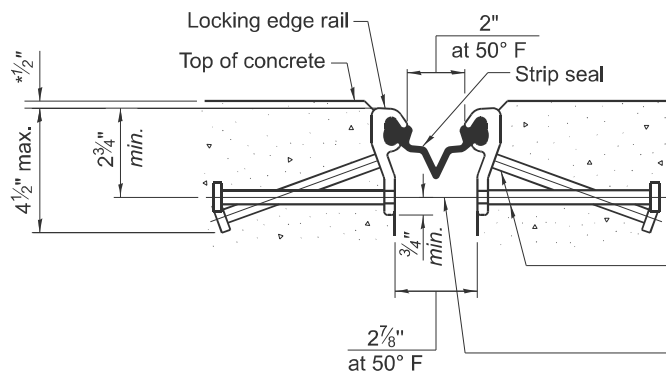
DETAIL A



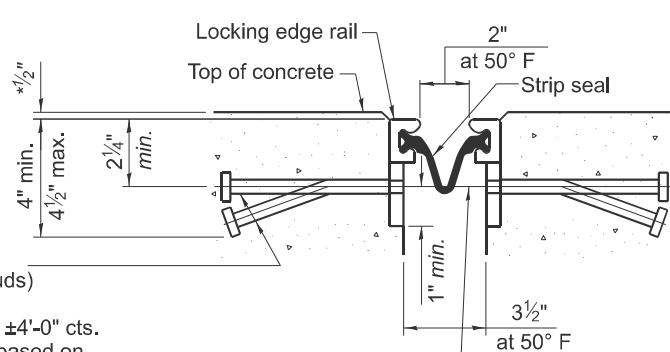
SECTION D-D



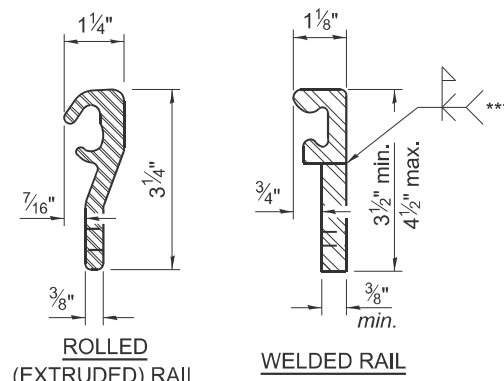
TRIMETRIC VIEW
(Showing embedded plates only)



SHOWING ROLLED RAIL JOINT

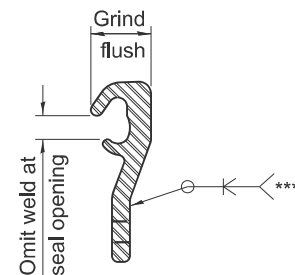


SHOWING WELDED RAIL JOINT



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	106

GENERAL NOTES

The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4 1/2" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.

The manufacturer's recommended installation methods shall be followed.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

Cost of parapet sliding plates, embedded plates, and anchorage studs included with Preformed Joint Strip Seal.

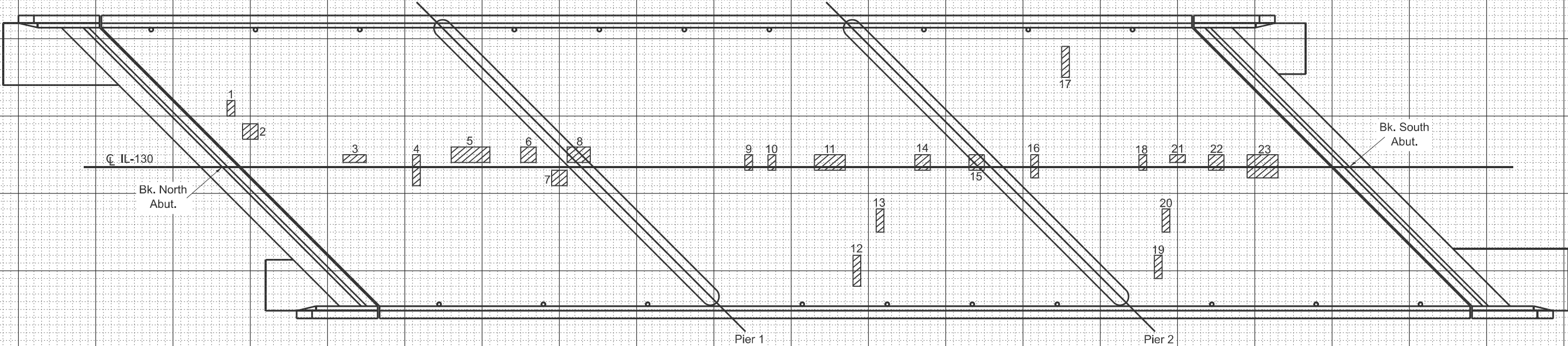
The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

USER NAME = jessica.hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/31/2025	DATE -	REVISED -

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	44
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				



080-0021 Bridge Deck Patching



PATCH	SIZE		DECK SLAB REPAIR (FD TYPE I)	DECK SLAB REPAIR (FD TYPE II)
	NO.	LENGTH	WIDTH	SQ YD
1	1.0	2.0	0.2	
2	2.0	2.0	0.4	
3	3.0	1.0	0.3	
4	1.0	4.0	0.4	
5	5.0	2.0		1.1
6	2.0	2.0	0.4	
7	2.0	2.0	0.4	
8	3.0	2.0		0.7
9	1.0	2.0	0.2	
10	1.0	2.0	0.2	
11	4.0	2.0		0.9
12	1.0	4.0	0.4	
13	1.0	3.0	0.3	
14	2.0	2.0	0.4	
15	2.0	2.0	0.4	
16	1.0	3.0	0.3	
17	1.0	4.0	0.4	
18	1.0	2.0	0.2	

PATCH	SIZE		DECK SLAB REPAIR (FD TYPE I)	DECK SLAB REPAIR (FD TYPE II)	
	NO.	LENGTH	WIDTH	SQ YD	SQ YD
	19	1.0	3.0	0.3	
	20	1.0	3.0	0.3	
	21	2.0	1.0	0.2	
	22	2.0	2.0	0.4	
	23	4.0	3.0		1.3
TOTAL ROUNDS TO:				7.0	4.0

THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.



DATE OF SURVEY: 3-18-24
SURVEY BY: DPM & DRL
METHOD OF SURVEY: VISUAL

ESTIMATED
PAY QUANTITIES:

DECK SLAB REPAIR
(FULL DEPTH TYPE I)
7.0 SQ YD

DECK SLAB REPAIR
(FULL DEPTH TYPE II)
4.0 SQ YD

MODEL: Bridge-6 [Sheet]
FILE NAME: c:\p\work\jwh\hille\ad0975530\080-0021 Bridge Repair Plans.dgn

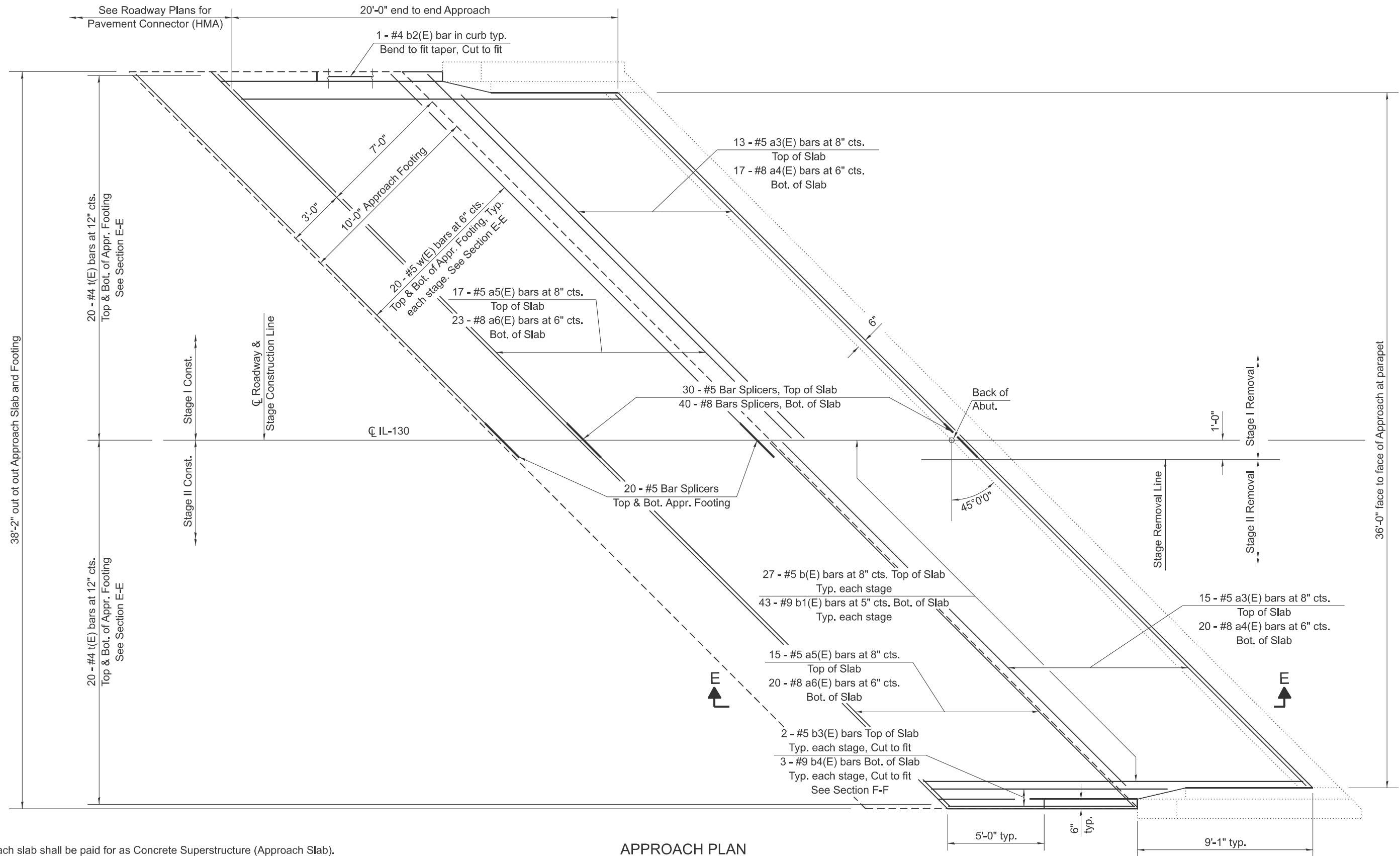
PLOT DATE = 1/31/2025	USER NAME = jessica.hille	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE DECK PATCHING
S.N. 080-0021

SCALE: SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	45
CONTRACT NO. 74A26				
ILLINOIS		FED. AID PROJECT		



Notes:
Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
Approach footing concrete shall be paid as Concrete Structures.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
Cost of excavation for approach footing included with Concrete Structures.

APPROACH PLAN

North Approach Shown
South Approach Similar

MODEL: Bridge-7 [Sheet]
FILE NAME: c:\p\work\hille\hille\ad0975530\080-0021 Bridge Repair Plans.dgn

USER NAME = jessica.hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/31/2025	DATE -	REVISED -

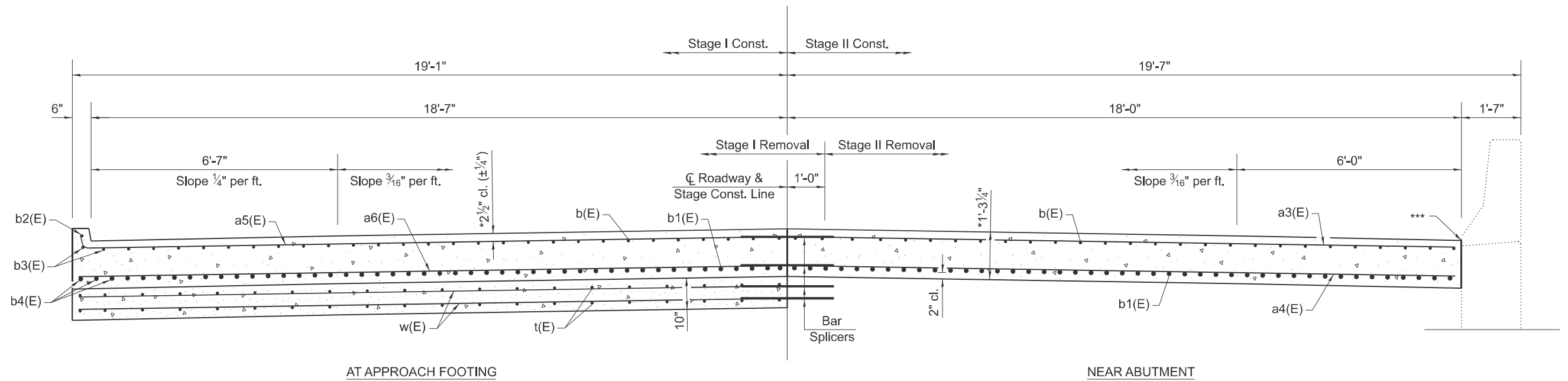
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS - SHEET 1 OF 2

S.N. 080-0021

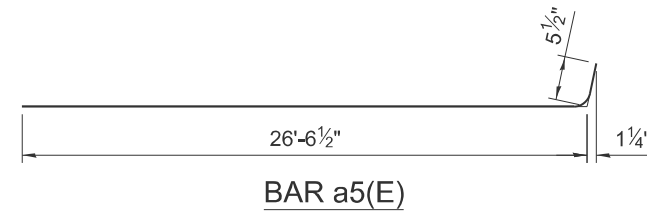
SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	46
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				



APPROACH CROSS SECTION

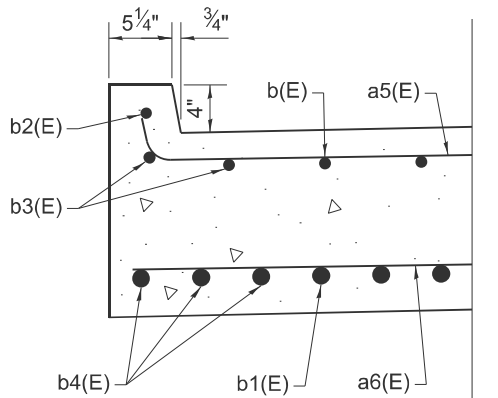
Looking South



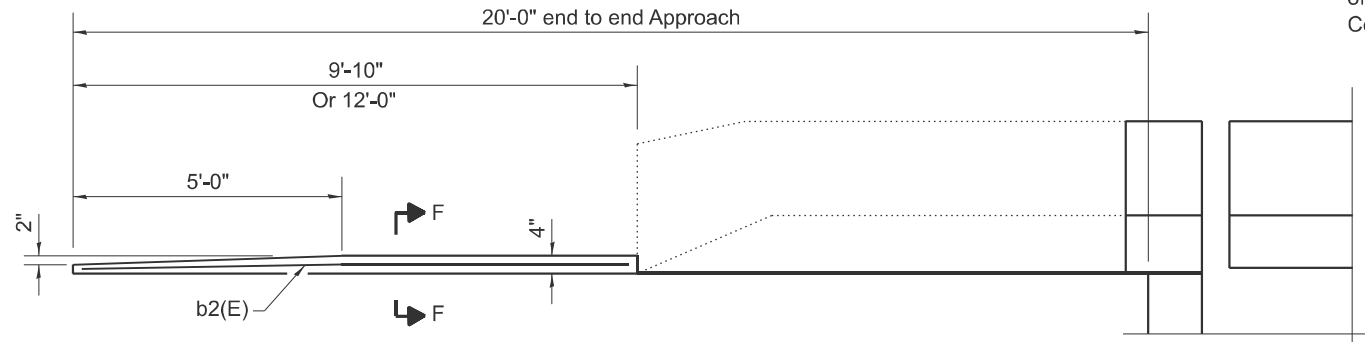
* Thickness prior to 1/4" grinding (Typ.)

** Cost included with Concrete Superstructure (Approach Slab)

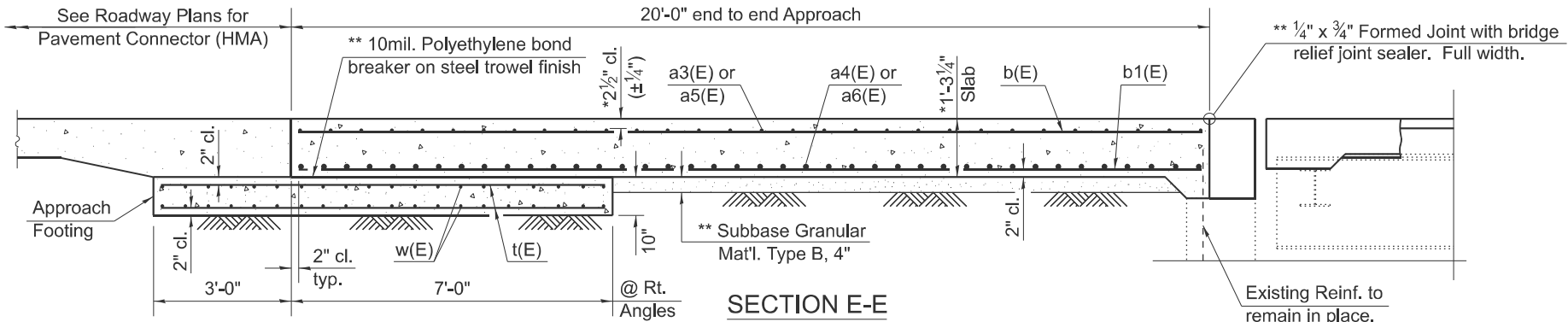
*** 1/2" Preformed Expansion Joint Filler according to Article 1051.09 of the Standard Specifications; full depth of slab, full length of wingwall. Cost included with Concrete Superstructure (Approach Slab).



SECTION F-F



INSIDE ELEVATION OF CURB



SECTION E-E

BILL OF MATERIALS - TWO APPROACHES

Bar	No.	Size	Length	Shape
a3(E)	56	#5	25'-2"	—
a4(E)	74	#8	25'-2"	—
a5(E)	64	#5	27'-0"	—
a6(E)	86	#8	26'-8"	—
b(E)	108	#5	19'-8"	—
b1(E)	172	#9	19'-8"	—
b2(E)	4	#4	11'-5"	—
b3(E)	8	#5	12'-10"	—
b4(E)	12	#9	12'-10"	—
t(E)	160	#4	13'-10"	—
w(E)	160	#5	26'-8"	—
ITEM			UNIT	QUANTITY
Concrete Structures			Cu. Yd.	33.3
Concrete Superstructure (Approach Slab)			Cu. Yd.	72.7
Reinforcement Bars, Epoxy Coated			Pound	34,680
Bar Splicers			Each	220

MODEL: Bridge-S (Sheet)
FILE NAME: c:\p\work\hille\ad0975530\080-0021 Bridge Repair Plans.dgn

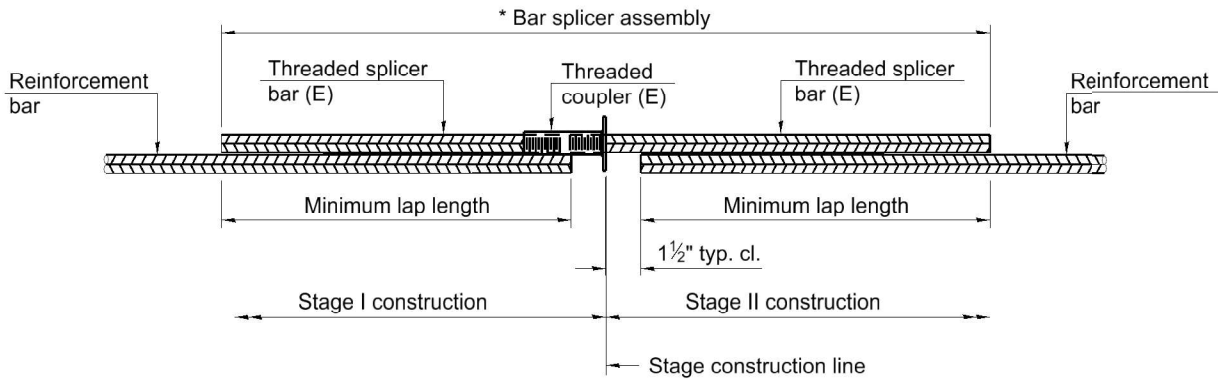
USER NAME = jessica.hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS - SHEET 2 OF 2
S.N. 080-0021

SCALE: SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	47
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				



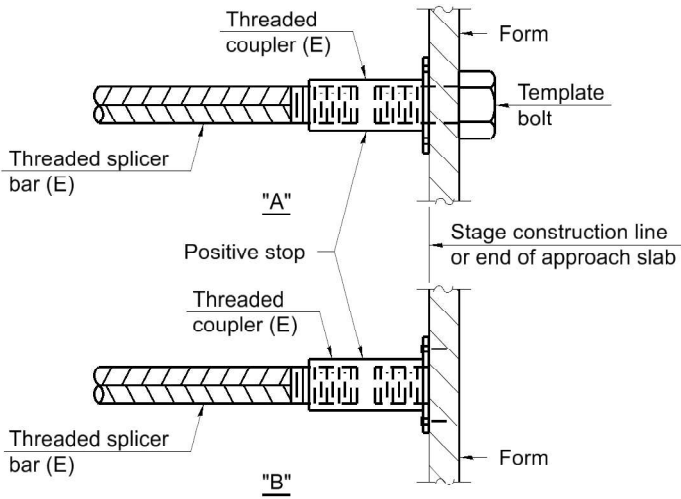
STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

Threaded splicer bar length = min. lap length + 1½" + 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
Deck	#5	28	3'-6"
Hatch Block	#6	8	4'-0"
Approach	#5	60	3'-0"
Approach	#8	80	4'-9"
Approach Footing	#5	80	3'-2"

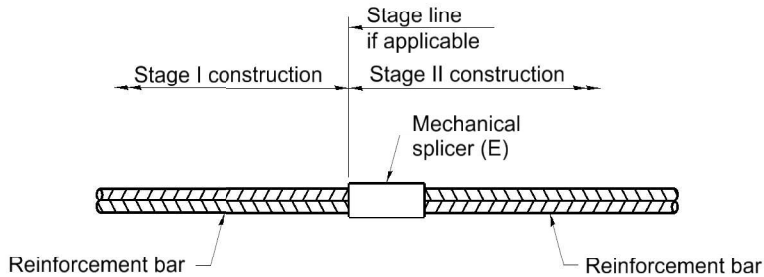


INSTALLATION AND SETTING METHODS

"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: p:\projects\pwr_bentley.com\PROJECTS\DOT\Office\District 7\CRSD Projects\071436\CADD\Bids\Bids\080-0021 Bridge Repair Plans.dgn

USER NAME =	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
S.N. 080-0021

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)/RS-4	RICHLAND	55	48
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				

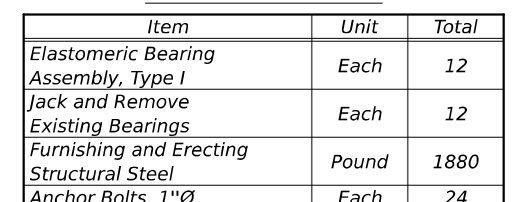
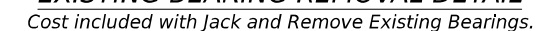
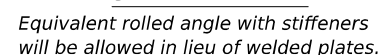


$R_{\varnothing}$	(K)	19.9
$R_{\perp}$	(K)	32.5
$Imp.$	(K)	9.7
R (Total)	(K)	62.1

Cost of Side retainers and Stainless Steel plates shall be included in the cost of Elastomeric Bearing Assembly, Type I.

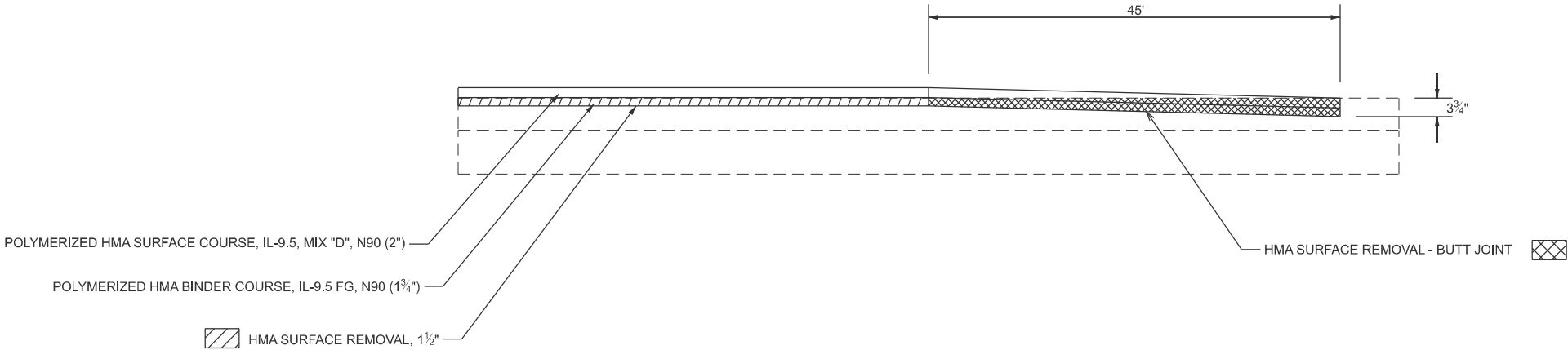


Shim plates shall not be placed under Bearing Assembly.



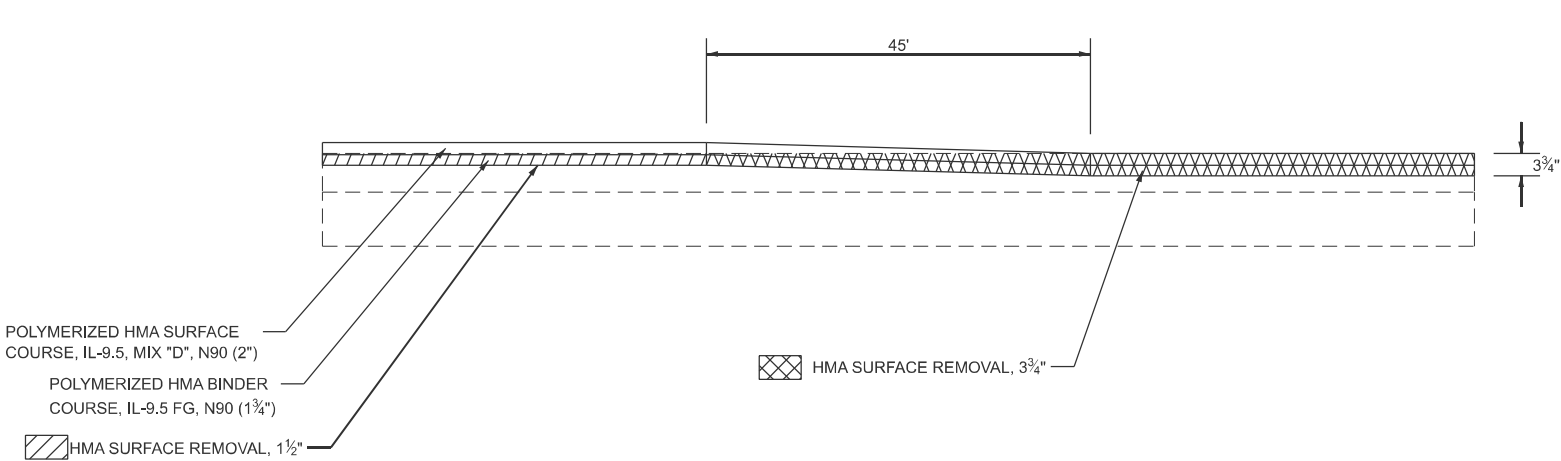
BUTT - JOINT DETAIL

STA. 582+91 TO STA. 583+36
STA. 895+87 TO STA. 896+32
STA. 897+69 TO STA. 898+14



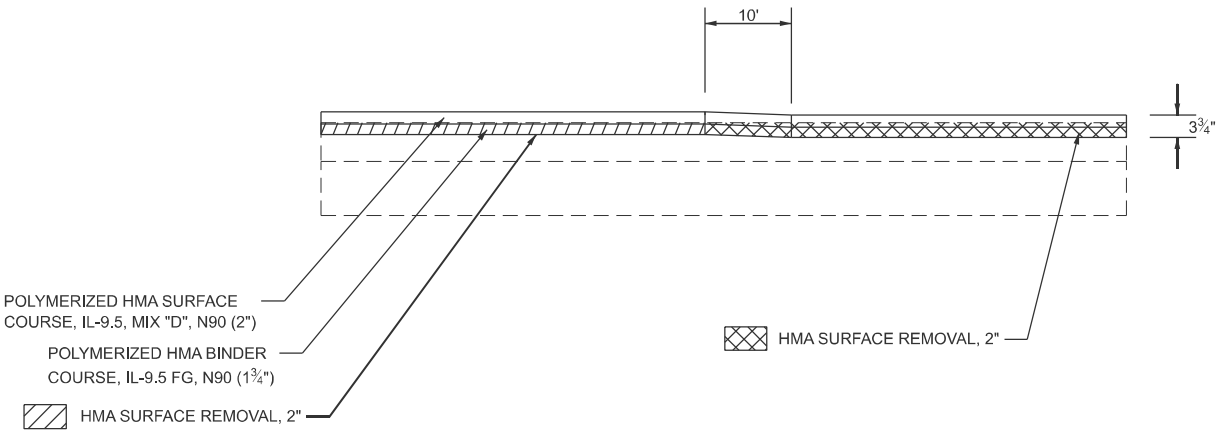
MILLING TRANSITION DETAIL (1 1/2" TO 3 3/4")

STA. 934+75 TO STA. 935+20



MILLING TRANSITION DETAIL (1 1/2" TO 2")

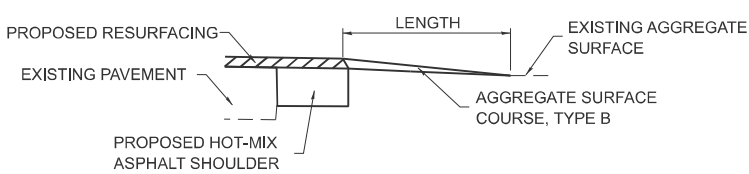
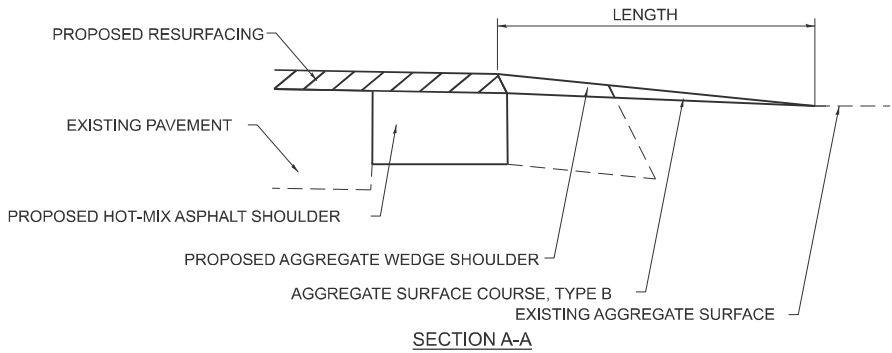
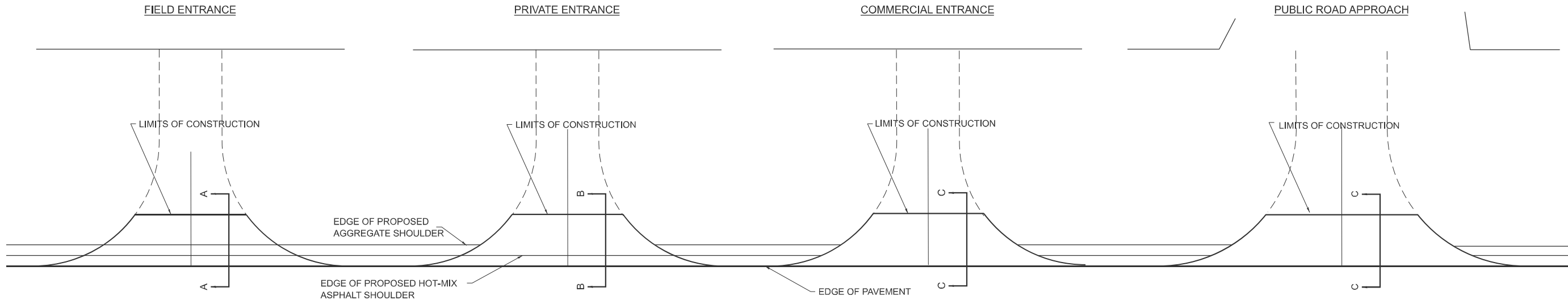
STA. 742+91 TO STA. 743+01
STA. 748+49 TO STA. 748+59



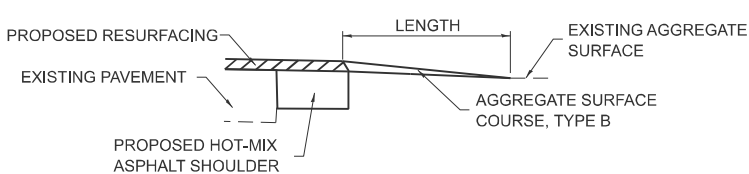
MODEL: Details [Sheet]
FILE NAME: c:\pwwork\pwwork\hillel\ad0975530\0774A26-sheets-Details.dgn

	USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVING DETAILS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	50
		CHECKED -	REVISED -					CONTRACT NO. 74A26				
	PLOT DATE = 2/3/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

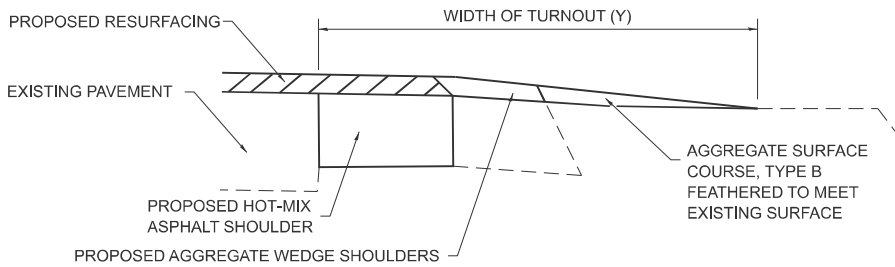
MODEL: Details-1 [Sheet]
FILE NAME: c:\p\work\hrtz\kld975530\DT74A26-sheets-Details.dgn



SECTION B-B

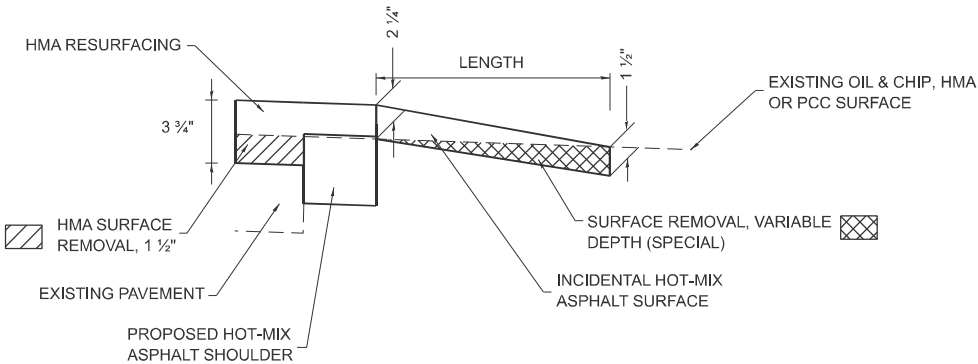


SECTION C-C

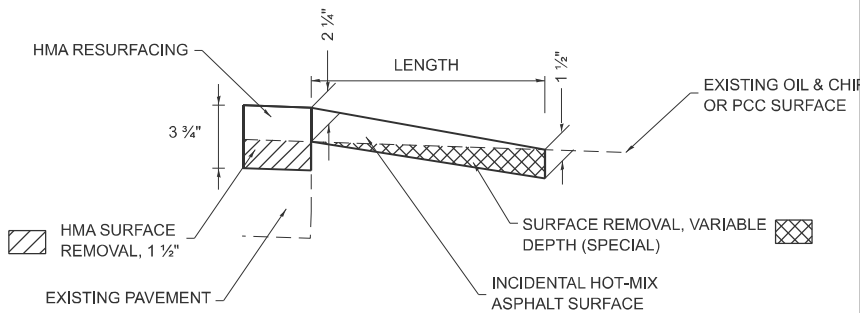


TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS



SECTION B-B



SECTION C-C

NOTES

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

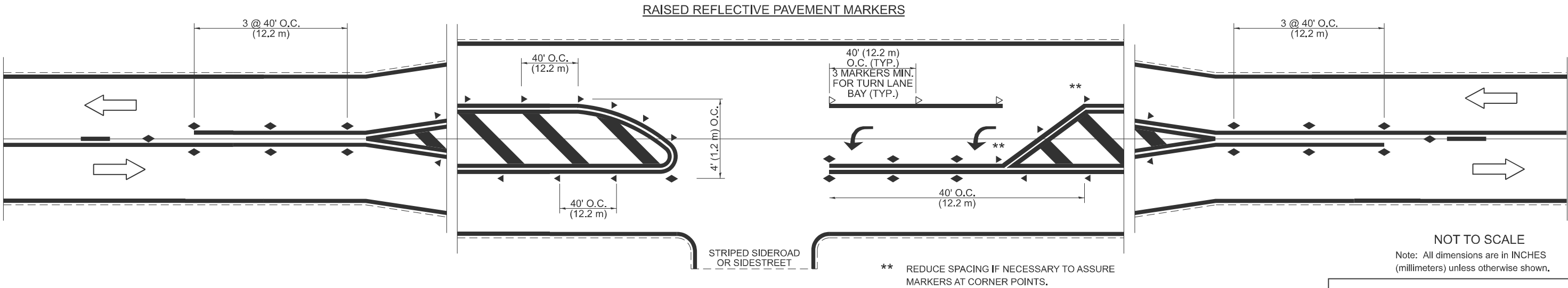
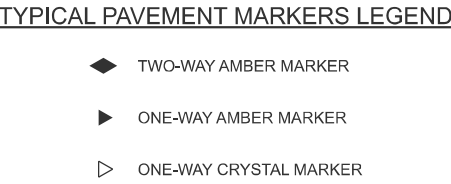
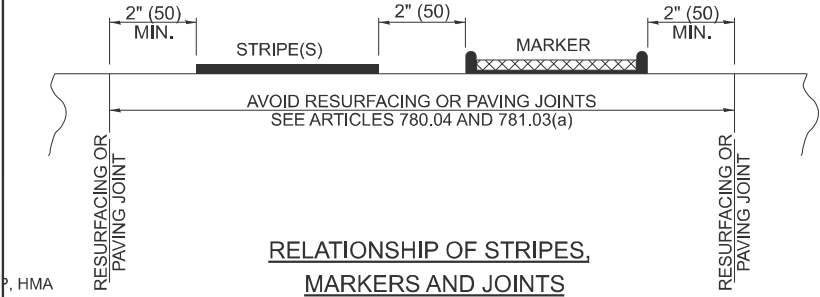
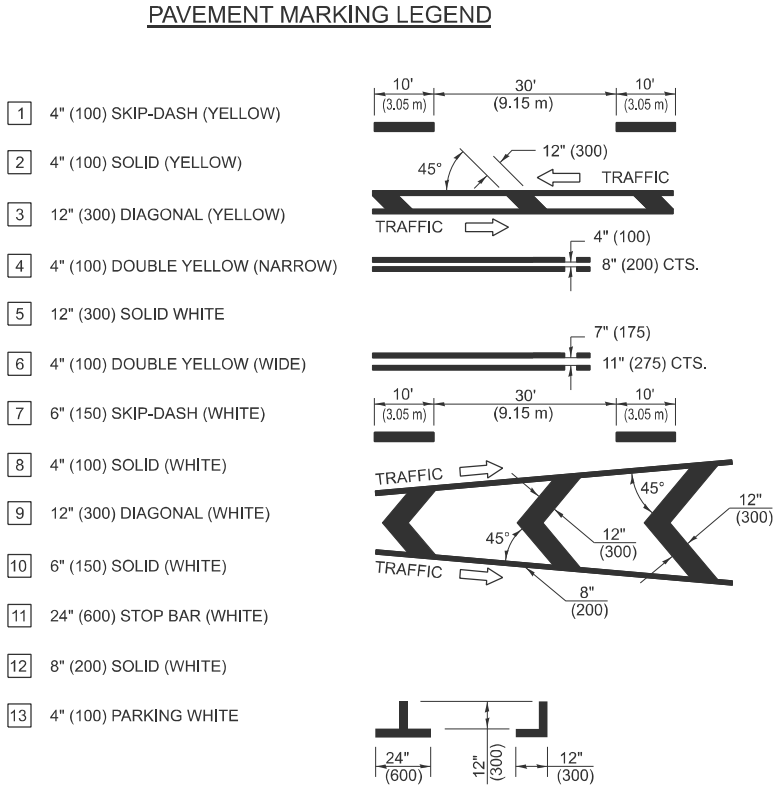
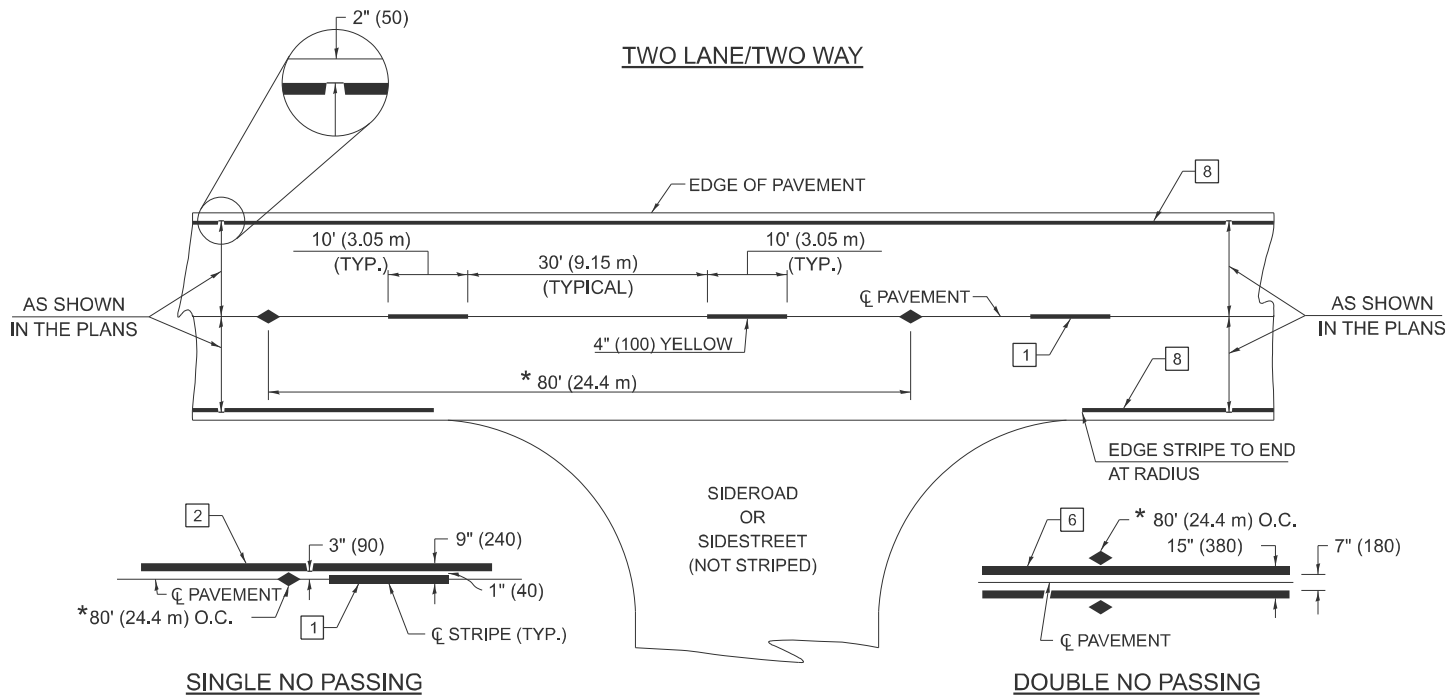
THE PROPOSED HOT-MIX ASPAHLT SHOULDERS SHALL BE CONSTRUCTED THROUGH AN AGGREGATE COMMERCIAL ENTRANCE OR PUBLIC ROAD, AND THE THICKNESS SHALL BE 10". THE COST OF THE EXTRA THICKNESS SHALL BE INCLUDED WITH THE HOT-MIX ASPHALT SHOULDERS PAY ITEM.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	51
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				



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.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	52
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				

MODEL: Details-2 [Sheet]
FILE NAME: c:\paw\work\hrtz\k\dd975530\DT74A26-sheets-Details.dgn

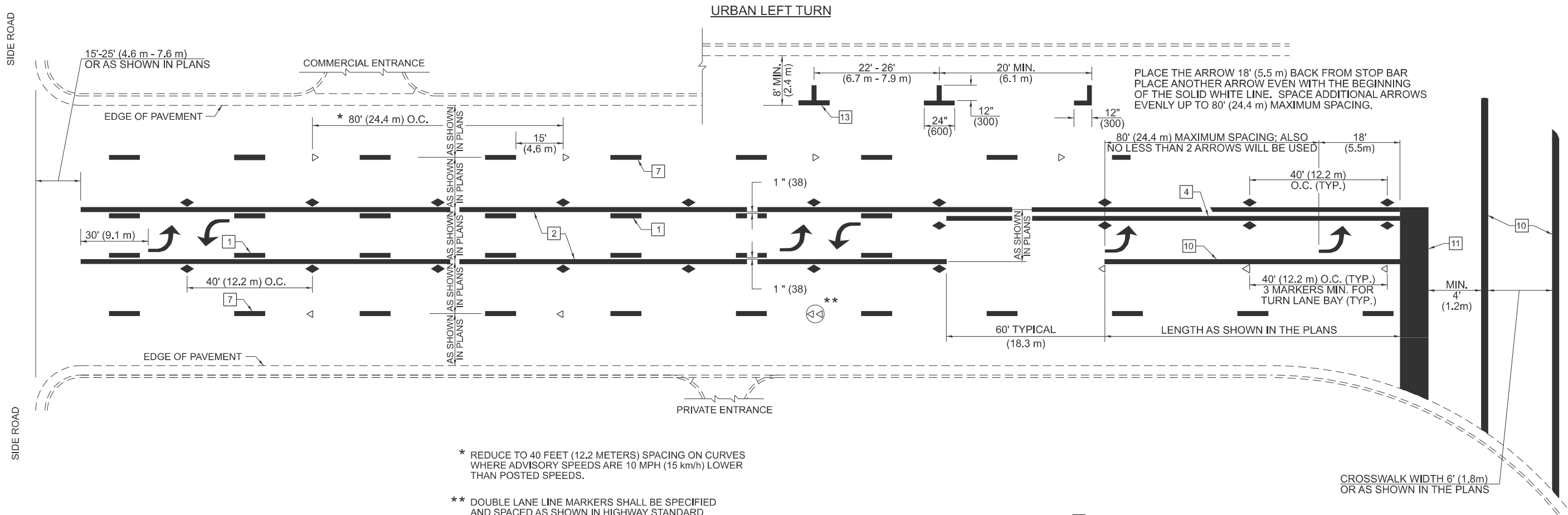
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
RURAL AND URBAN APPLICATIONS

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

MODEL: Details-3 (Sheet)
FILE NAME: c:\pwwork\hrtz\k\dd975530\DT74A26-sheets-Details.dgn



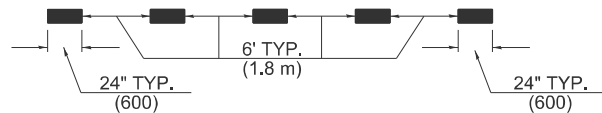
- * REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- ** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

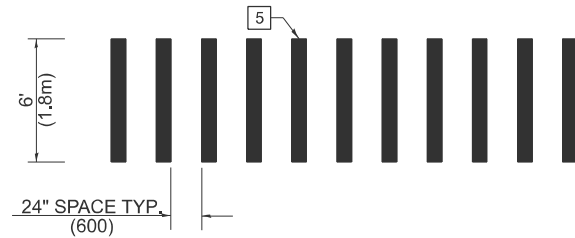
- | | | |
|----|---------------------------------|--|
| 1 | 4" (100) SKIP-DASH (YELLOW) | |
| 2 | 4" (100) SOLID (YELLOW) | |
| 3 | 12" (300) DIAGONAL (YELLOW) | |
| 4 | 4" (100) DOUBLE YELLOW (NARROW) | |
| 5 | 12" (300) SOLID WHITE | |
| 6 | 4" (100) DOUBLE YELLOW (WIDE) | |
| 7 | 6" (150) SKIP-DASH (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 | |

GENERAL NOTES

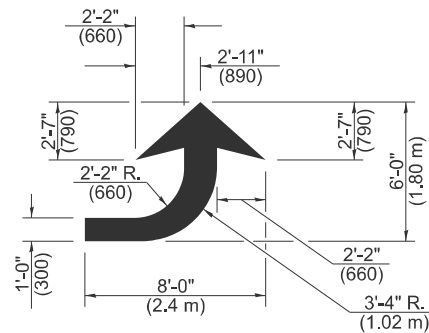
- TURN ARROW PAIRS SHALL BE PLACED AT 250'(75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
- THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
- USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE SECTION 780 FOR SYMBOLS TABLE)
- LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.
- ALL WHITE SKIP-DASH LINES SHALL BE 6" IN WIDTH.



LANE LINE EXTENSIONS

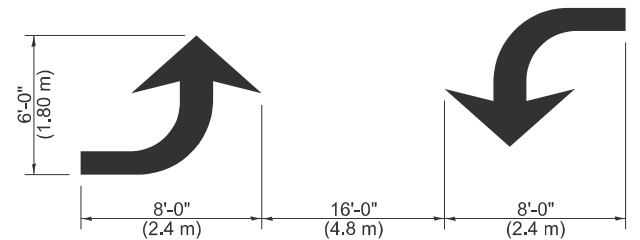


CROSSWALK DETAIL (DECATUR CITY LIMITS ONLY)



LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



TYPICAL DOUBLE TURN ARROWS (WHITE)

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.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	53
CONTRACT NO. 74A26				
ILLINOIS FED. AID PROJECT				

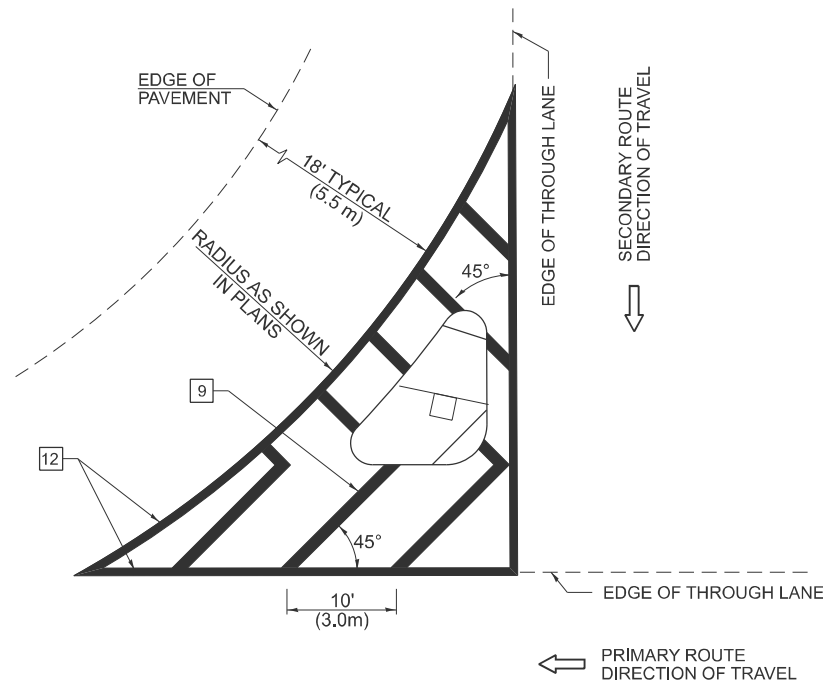
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
RURAL AND URBAN APPLICATIONS

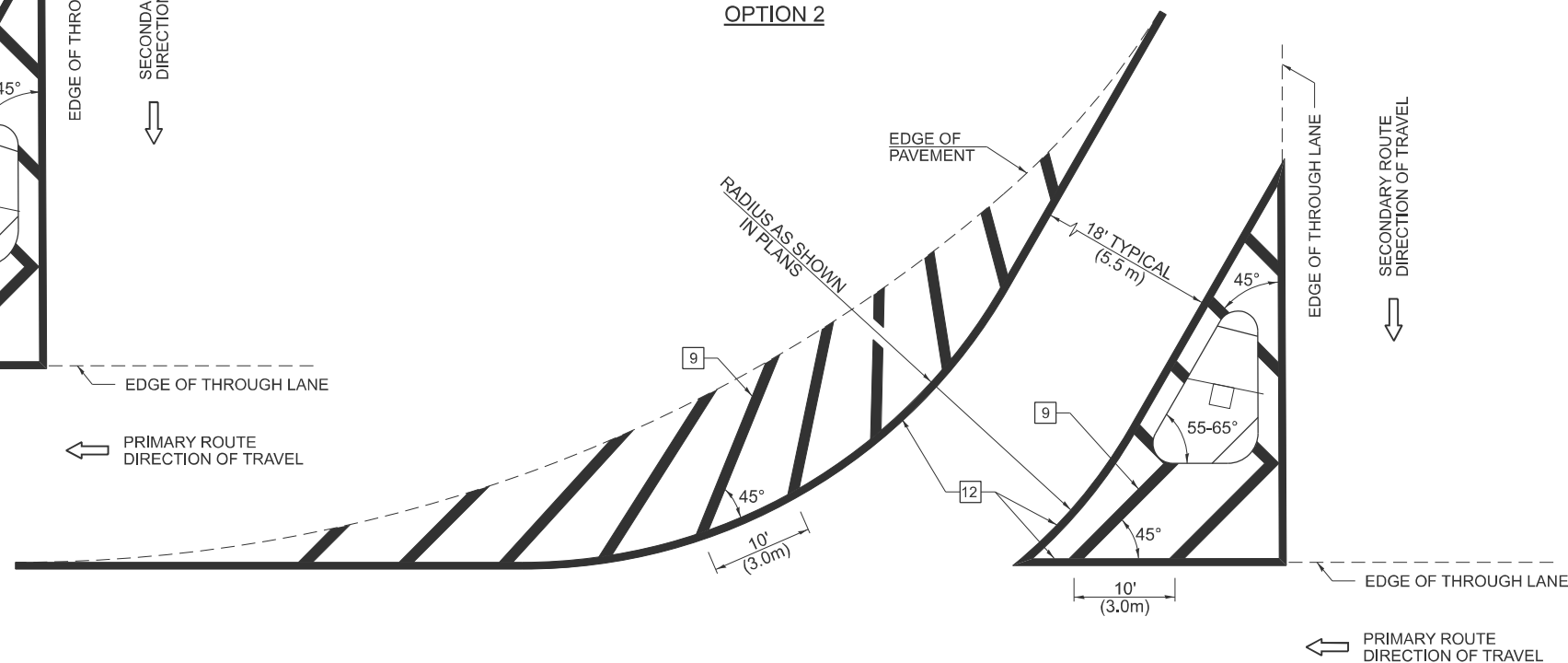
SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/30/2025	DATE -	REVISED -

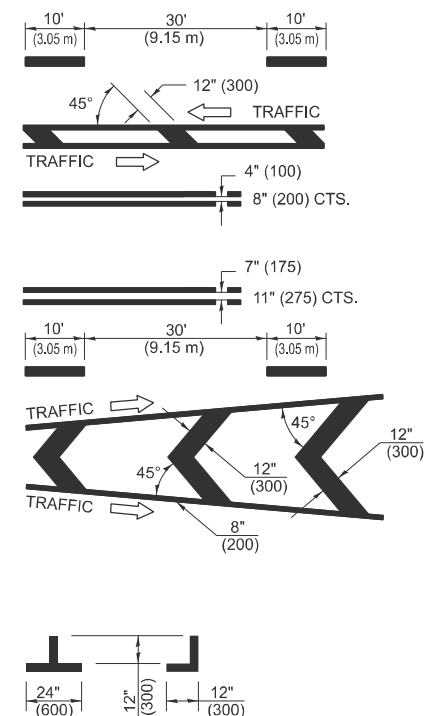
OPTION 1



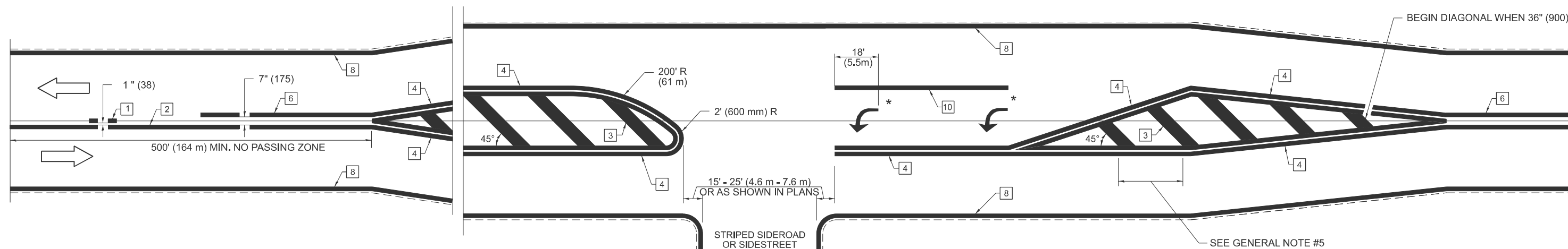
OPTION 2



- 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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	54
		CONTRACT NO. 74A26		
ILLINOIS		FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS RURAL AND URBAN APPLICATIONS

SCALE:	SHEET 3	OF 4	SHEETS	STA.	TO STA.
--------	---------	------	--------	------	---------

MODEL: Details-4 [Sheet]
FILE NAME: c:\pw work\pwidth\hirtzelkl\d975530\D774A26-sheets-Details.dgn

PAVEMENT MARKING LEGEND

10' (3.05 m)

15' (4.5 m)

25' (7.6 m)

25' (7.6 m)

50' (15.2 m)

11' (RR STOP LINE)

6'

11' (RR STOP LINE)

USE TABLE 2C-4 FROM THE MUTCD MANUAL FOR THIS DISTANCE

Minimum Distance
400' for 55 MPH
250' for 45 MPH
100' for 35 MPH or Less

(W10-1)
36" DIA.

NOTES

-
- Figure 10.10 illustrates typical cross-sections of a two-lane highway with a 12-in. (300-mm) concrete curb. The figure shows three cross-sections: (a) a standard two-lane highway with a 12-in. (300-mm) concrete curb, a 45-degree slope, and a 12-in. (300-mm) concrete curb; (b) a two-lane highway with a 12-in. (300-mm) concrete curb, a 45-degree slope, and a 12-in. (300-mm) concrete curb; (c) a two-lane highway with a 12-in. (300-mm) concrete curb, a 45-degree slope, and a 12-in. (300-mm) concrete curb.

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE PRE-SIGNALS ARE USED.
3. WHEN PEDESTRIAN SIGNALS ARE PRESENT WITH INTERCONNECTED SIGNALS, WARNING SIGN W10-1101 (18"x24") SHALL BE PLACED NEAR EACH PEDESTRIAN SIGNAL HEAD. COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL NOT BE UTILIZED ALONG WITH INTERCONNECTED SIGNALS.
4. 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**

- * 15' FROM NEAR RAIL OR 8' FROM AND PARALLEL TO GATE IF PRESENT
- ** WARNING SIGN W10-I100 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.

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.
116	12RS-5,(121,122,123Z)RS-4	RICHLAND	55	55
		CONTRACT NO. 74A26		
		ILLINOIS	FED. AID PROJECT	

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS RURAL AND URBAN APPLICATIONS

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

MODEL: Details-5 [Sheet]
FILE NAME: c:\pw work\pwidot\hirtzel\ld0975530\ld774A26-sheets-Details.dgn