

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
1808	1(RS-3)	LAWRENCE	28	1

ILLINOIS CONTRACT NO. 74D53

D-97-018-25

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAS ROUTE 1808 (OLD US 50)
SECTION (1)RS-3
PROJECT STP-0699(362)
(3P) RESURFACING
LAWRENCE COUNTY

C-97-045-25

PAVING OMISSIONS:

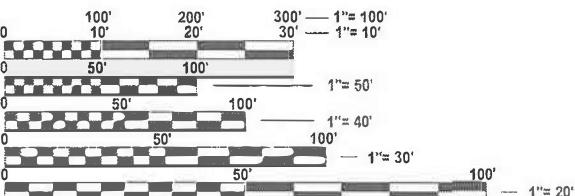
- STA. 75+13 TO STA. 78+20 (EX. S.N. 051-0057)
- STA. 163+42 TO STA. 163+87 (EX. S.N. 051-0056)
- STA. 200+13 TO STA. 201+03 (EX. S.N. 051-0055)
- STA. 248+49 TO STA. 249+77 (EX. S.N. 051-0058)
- STA. 308+92 TO STA. 310+17 (EX. S.N. 051-0059)
- STA. 343+03 TO STA. 343+48 (EX. S.N. 051-2004)

STATION EQUATIONS:

- STA. 75+20.40 (BK) = STA. 74+54.50 (AH)
- STA. 85+29.18 (BK) = STA. 84+81.60 (AH)

ADT = 2,400 (2023)

PROJECT BEGINS
STA. 71+34



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



GROSS LENGTH = 29,689 FT. = 5.623 MILE
NET LENGTH = 28,864 FT. = 5.467 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED NOVEMBER 25, 2020
Teresa C. Price/bs
REGIONAL ENGINEER

January 23, 2021 SE
ENGINEER OF DESIGN AND ENVIRONMENT

January 23, 2021 SE
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

CONTRACT NO. 74D53

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OF THE STATE OF ILLINOIS

REV - MS

INDEX OF SHEETS:

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS, GENERAL NOTES & HIGHWAY STANDARDS
3 - 4	SUMMARY OF QUANTITIES
5 - 8	TYPICAL SECTIONS
9 - 10	SCHEDULE OF QUANTITIES
11 - 20	PLAN SHEETS
21 - 28	DETAIL SHEETS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERD SHEET IN THE PLANS.

STD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
442201-04	CLASS C & D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINALS
631032-10	TRAFFIC BARRIER TERMINAL, TYPE 6A
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15 FT AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS \geq 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-11	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES:

THE LONGITUDINAL JOINT SEALANT SHALL BE APPLIED TO THE SURFACE OF THE POLYMERIZED HMA BINDER COURSE.

TO AVOID A 2" OR MORE DROP-OFF AT THE PAVEMENT CENTERLINE, BOTH LANES OF OLD US 50 SHALL BE MILLED PRIOR TO OPENING BOTH LANES TO TRAFFIC.

WHEN APPLYING SHORT-TERM PAVEMENT MARKINGS, TEMPORARY TAPE SHALL BE USED ON THE FINAL HMA SURFACE.

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

AGGREGATE SURFACE COURSE, TYPE B 2.05 TONS/CU YD

AGGREGATE WEDGE SHOULDERS, TYPE B 2.05 TONS/CU YD

HOT-MIX ASPHALT 112 LB/SQ YD/IN

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR Voids	MIXTURE COMPOSITION	FRICITION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM
MAINLINE	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	PG 64-22	4.0% @ N=0	IL - 9.5	"C"	N70	QCP
MAINLINE	HOT-MIX ASPHALT BINDER COURSE, IL-9.5F3, N70	PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	N70	QCP
SHOULDER	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70 (TOP LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5	"C"	N70	QC/QA
SHOULDER	HOT-MIX ASPHALT BINDER COURSE, IL-9.5F3, N70	PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	N70	QC/QA
PATCHING	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	PG 64-22	4.0% @ N=70	IL - 19.0	N/A	N70	QC/QA
INCIDENTAL	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	PG 64-22	4.0% @ N=70	IL - 9.5	"C"	N70	QC/QA

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 9/12/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, GENERAL NOTES
& HIGHWAY STANDARDS

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

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	1(RS-3)	LAWRENCE	28	2
				CONTRACT NO. 74D53

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				ROADWAY	80% FED 20% STATE
				0005	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	228	228	
				RURAL	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	49783	49783	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	28490	28490	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1365	1365	
40600990	TEMPORARY RAMP	SQ YD	240	240	
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	7063	7063	
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	8156	8156	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	38	38	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	68179	68179	
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	109	109	
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	20	20	
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	324	324	
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	249	249	
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	37	37	

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				ROADWAY	80% FED 20% STATE
				0005	
				RURAL	
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	76	76	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2420	2420	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	134	134	
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	325	325	
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	2	2	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2	
63200310	GUARDRAIL REMOVAL	FOOT	496	496	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5	
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	2	2	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2993	2993	

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				ROADWAY	80% FED 20% STATE
				0005	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1035	1035	RURAL
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	71805	71805	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	56	56	
*	72501000 TERMINAL MARKER - DIRECT APPLIED	EACH	2	2	
*	78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1837	1837	
*	78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	56	56	
*	78001110 PAINT PAVEMENT MARKING - LINE 4"	FOOT	69968	69968	
*	78011025 GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	1837	1837	
*	78011125 GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	56	56	
*	78100100 RAISED REFLECTIVE PAVEMENT MARKER	EACH	358	358	
*	78200005 GUARDRAIL REFLECTORS, TYPE A	EACH	8	8	
X4400102	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	360	360	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	5671	5671	

* SPECIALTY ITEM

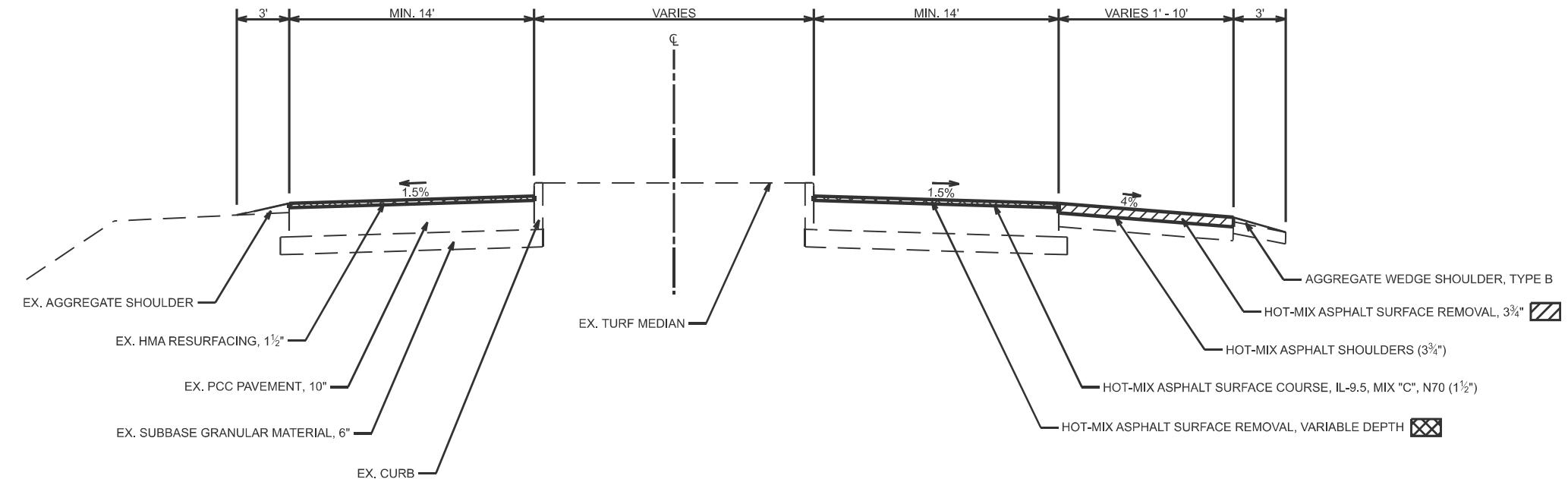
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

USER NAME	DESIGNED	REVISED	DRAWN	REVISED	CHECKED	REVISED	PLOT DATE	DATE	REVISED	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	F.A.S RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
														1808	1(RS-3)	LAWRENCE	28	4	
																		ILLINOIS	FED. AID PROJECT

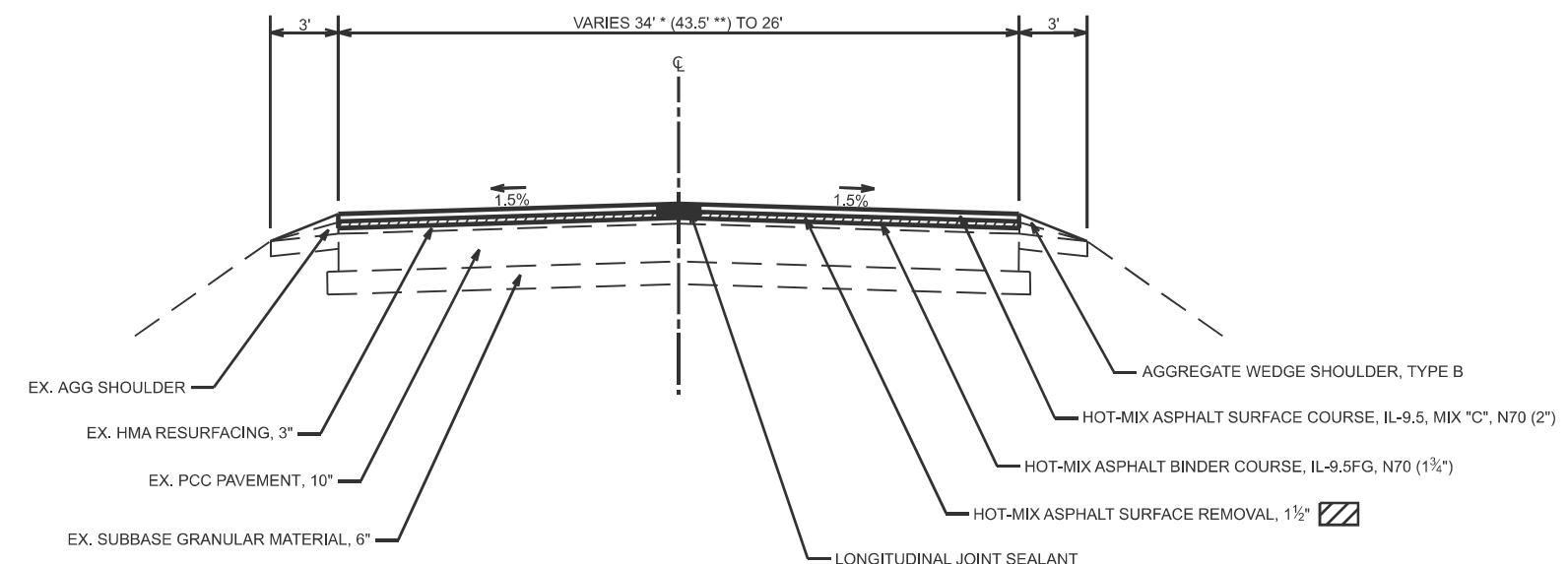
① PROPOSED TYPICAL SECTION

(PROJECT BEGINS) STA. 71+34 TO STA. 73+26 ②



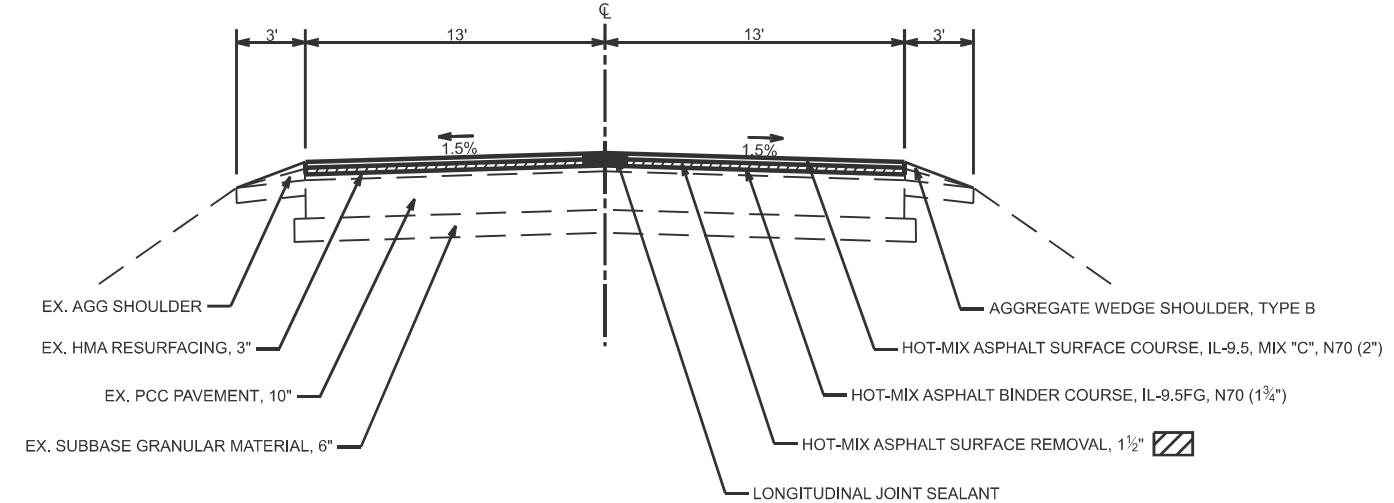
② PROPOSED TYPICAL SECTION

① STA. 73+26 TO STA. 75+20.40 *
 STA. 75+20.40 (BK) = STA. 74+54.50 (AH) ③
 ③ STA. 363+52 TO STA. 365+27 ** ⑧



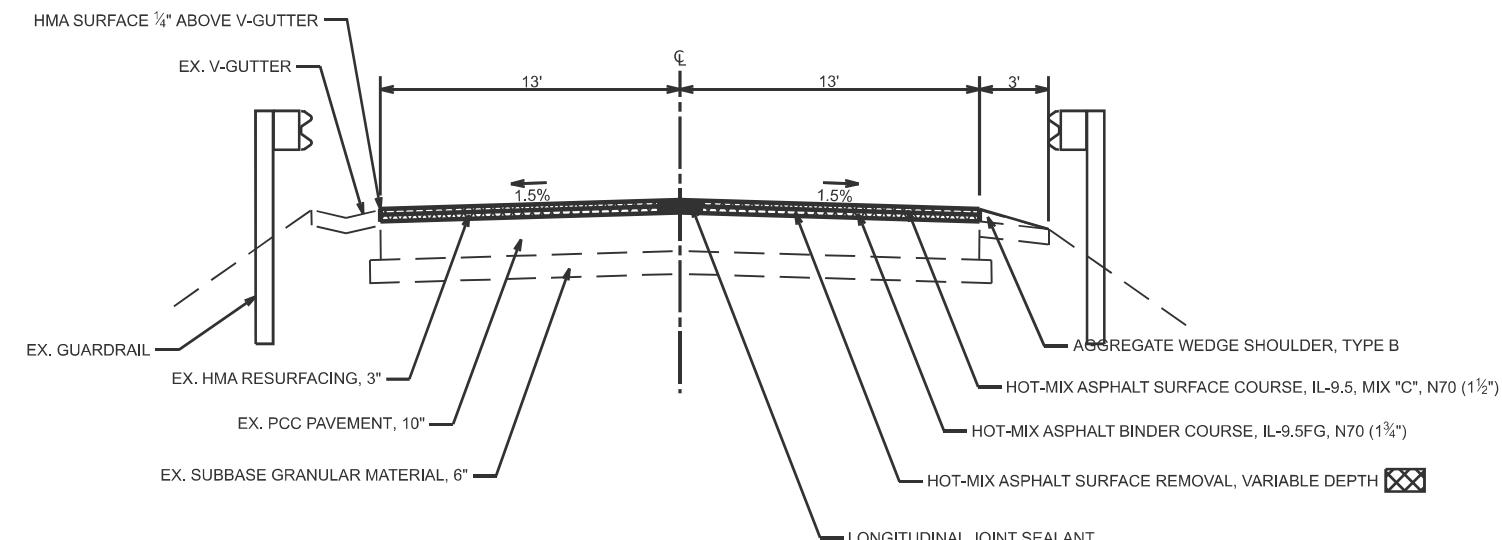
③ PROPOSED TYPICAL SECTION

② STA. 74+54.50 TO STA. 75+13
 STA. 75+13 TO STA. 78+20 (STR 051-0057 OMISSION) ④
 ④ STA. 82+70 TO STA. 85+29.18
 STA. 85+29.18 (BK) = STA. 84+81.60 (AH)
 STA. 84+81.60 TO STA. 86+56 ⑤
 ⑤ STA. 354+00 TO STA. 363+52 ②



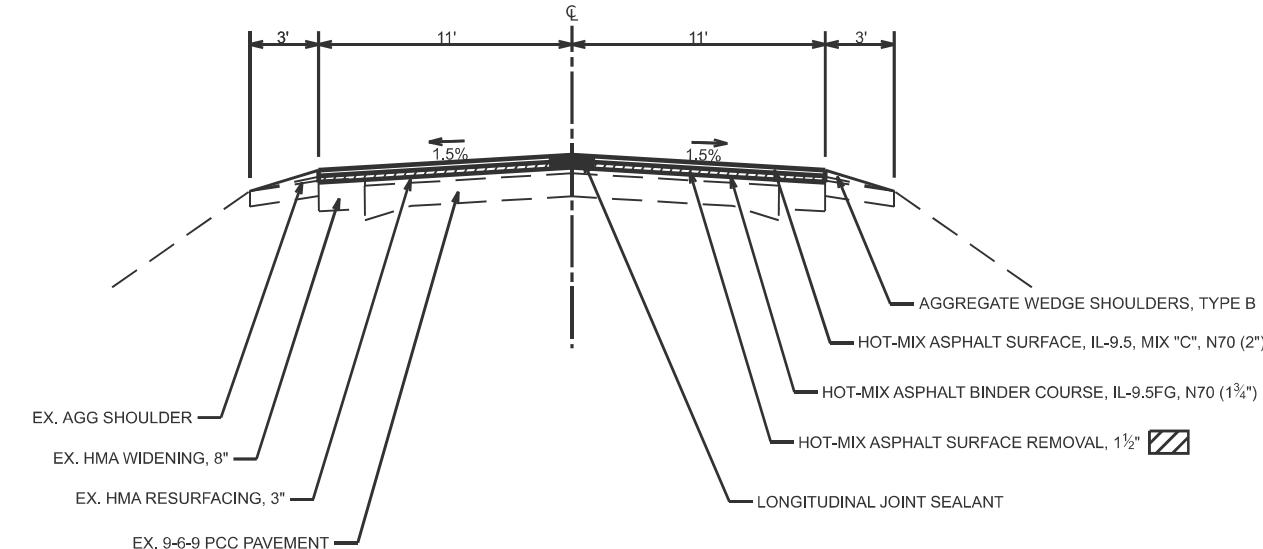
④ PROPOSED TYPICAL SECTION

③ STA. 78+20 TO STA. 82+70 ③



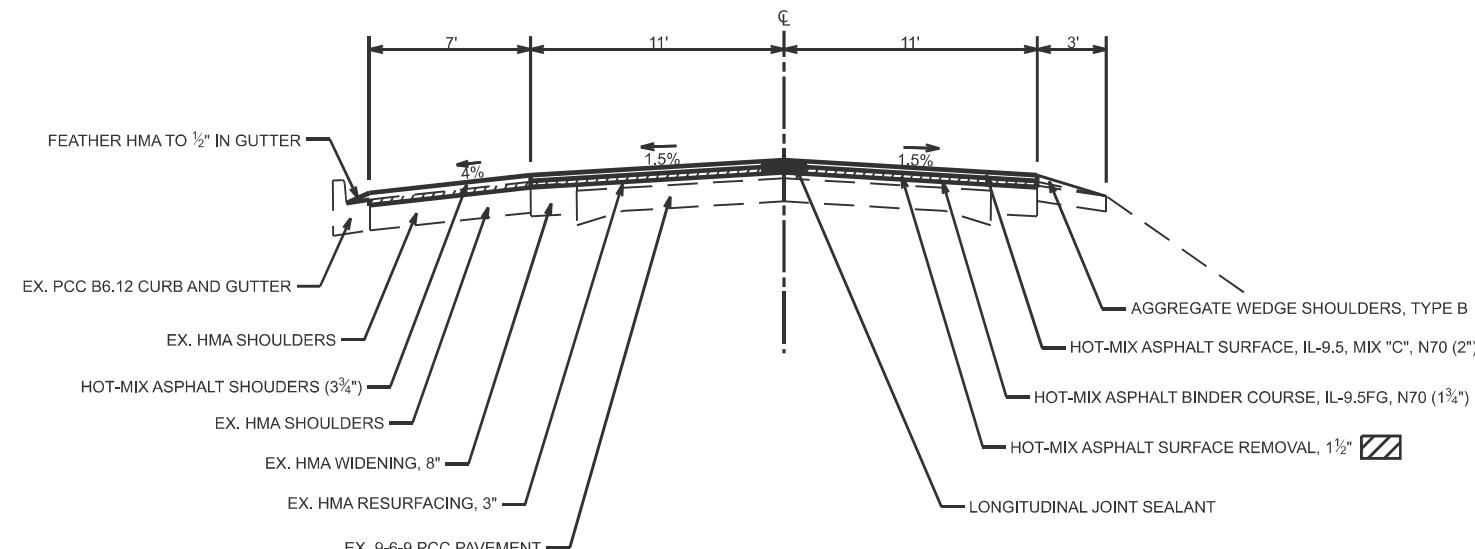
⑤ PROPOSED TYPICAL SECTION

③ STA. 86+56 TO STA. 123+62 ⑥
 ⑥ STA. 128+46 TO STA. 163+87
 STA. 163+87 TO STA. 164+80 (STR 051-0056 OMISSION)
 STA. 164+80 TO STA. 200+13
 STA. 200+13 TO STA. 201+03 (STR 051-0055 OMISSION)
 STA. 201+03 TO STA. 248+49
 STA. 248+49 TO STA. 249+77 (STR 051-0058 OMISSION)
 STA. 249+77 TO STA. 308+92
 STA. 308+92 TO STA. 310+17 (STR 051-0059 OMISSION)
 STA. 310+17 TO STA. 342+48 ⑦
 ⑦ STA. 345+29.5 TO STA. 354+00 ③



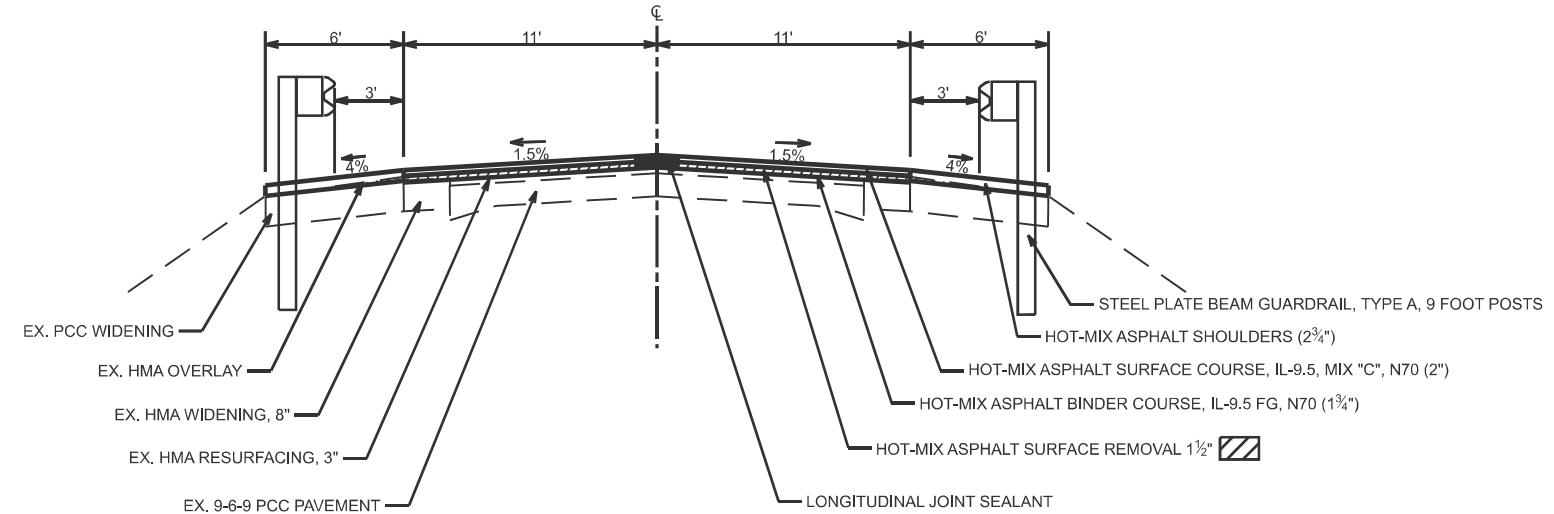
⑥ PROPOSED TYPICAL SECTION

⑤ STA. 123+62 TO STA. 128+46 ⑤



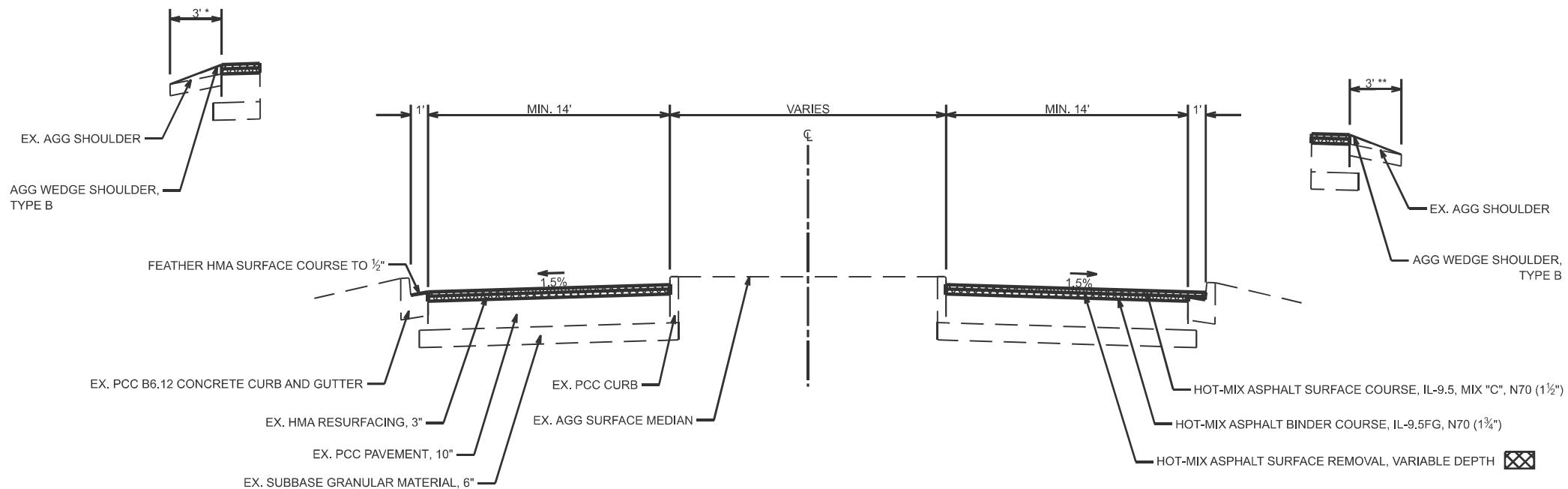
⑦ PROPOSED TYPICAL SECTION

⑤ STA. 342+48 TO STA. 343+48
 STA. 343+48 TO STA. 344+30 (STR 051-2004 OMISSION)
 STA. 344+30 TO STA. 345+29.5 ⑥



⑧ PROPOSED TYPICAL SECTION

② STA. 365+27 TO STA. 367+10 (PROJECT ENDS)



* 3' LT AGGREGATE SHOULDER RUNS FROM STA. 365+27 TO STA. 365+73

** 3' RT AGGREGATE SHOULDER RUNS FROM STA. 365+27 TO STA. 366+05

PAVING SCHEDULE

PAVING SCHEDULE			HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		TEMPORARY RAMP		HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"		HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"		HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH		BITUMINOUS MATERIALS (TACK COAT)		LONGITUDINAL JOINT SEALANT		HOT-MIX ASPHALT BINDER COURSE, IL-9.5 FG, N70		HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70		HOT-MIX ASPHALT SHOULDER	
STATIONING		LENGTH	FROM	TO	FEET	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	POUND	FOOT	TON	TON	TON	TON	TON	TON			
71+34	71+97	63			-	-	-	-	109.2	590.0	471.9	-	-	-	49.6	22.9						
71+97	73+26	129			-	-	-	-	-	411.9	278.0	-	-	-	34.6	-						
73+26	73+71	45			-	-	-	-	-	155.0	104.6	45.0	15.2	17.4	-							
73+71	75+20.40	149.40			-	-	448.2	-	-	-	302.5	149.4	43.9	50.2	-							
75+20.40	74+54.50	-	STATION EQUATION																			
74+54.50	74+68	13.5			-	-	39.0	-	-	26.3	13.5	3.8	4.4	-								
74+68	75+13	45	130.0		23.1	-	-	-	-	87.8	45.0	12.7	14.6	-								
75+13	78+20	307	STR 051-0057 OMISSION																			
78+20	78+25	5	14.4		-	-	-	-	-	9.8	5.0	1.4	1.2	-								
78+25	82+70	445	-		-	-	-	-	1285.6	867.8	445.0	126.0	144.0	-								
82+70	83+10	40	-		-	-	-	-	115.6	78.0	40.0	11.3	12.9	-								
83+10	85+29.18	219.18	-		-	633.2	-	-	-	127.1	219.2	62.1	70.9	-								
85+29.18	84+81.60	-	STATION EQUATION																			
84+81.60	86+56	174.40	-		-	465.1	-	-	313.9	174.4	45.6	52.1	-									
86+56	123+32	3676	-		-	8985.8	-	-	6065.4	3676.0	880.6	1006.4	-									
123+32	123+62	30	-		-	-	-	-	73.3	49.5	30.0	7.2	8.2	-								
123+62	123+76	14	-		-	-	-	-	42.0	28.4	14.0	3.4	3.8	1.7								
123+76	128+34	458	-		-	-	-	-	1475.8	996.2	458.0	109.7	125.4	76.6								
128+34	128+46	12	-		-	-	-	-	36.0	24.3	12.0	2.9	3.3	1.4								
128+46	128+76	30	-		-	-	-	-	73.3	49.5	30.0	7.2	8.2	-								
128+76	163+42	3466	-		-	8472.4	-	-	-	5718.9	3466.0	830.3	948.9	-								
163+42	163+87	45	110.0		19.6	-	-	-	-	74.3	45.0	10.8	12.3	-								
163+87	164+80	93	STR 051-0056 OMISSION																			
164+80	165+25	45	110.0		19.6	-	-	-	-	74.3	45.0	10.8	12.3	-								
165+25	199+68	3443	-		-	8416.2	-	-	-	5681.0	3443.0	824.8	942.6	-								
199+68	200+13	45	110.0		19.6	-	-	-	-	74.3	45.0	10.8	12.3	-								

PAVEMENT MARKING SCHEDULE

PAVING SCHEDULE

GUARDRAIL REMOVAL SCHEDULE

GUARDRAIL REMOVAL SCHEDULE				GUARDRAIL REMOVAL
STATIONING		SIDE	FOOT	
FROM	TO			
246+26	248+72	RT	246.0	
249+58	252+08	LT	250.0	
		TOTALS:	496	

GUARDRAIL SCHEDULE

AGGREGATE SHOULDER SCHEDULE			AGGREGATE WEDGE SHOULDER, TYPE B
STATIONING		LENGTH	
FROM	TO	FEET	TON
71+34	73+49	215	8.2
73+49	74+37	88	10.6
74+37	75+20.40	83.40	13.5
75+20.40	74+54.50	STA. EQU.	
74+54.50	75+13	58.50	9.4
75+13	78+20	307	-
78+20	81+50	330	28.2
81+50	83+01	151	7.1
83+01	85+29.18	228.18	16.5
85+29.18	84+81.60	STA. EQU.	
84+81.60	104+50	1968.40	137.2
104+50	106+23	173	30.2
106+23	106+83	60	13.3
106+83	106+90	7	1.9
106+90	118+51	1161	199.1
118+51	123+62	511	36.7
123+62	128+46	484	12.6
128+46	161+86	3340	244.5
161+86	162+52	66	8.0
162+52	163+87	135	21.8
163+87	164+80	93	-
164+80	165+25	45	7.3
165+25	166+69	144	17.4
166+69	198+95	3226	260.2
198+95	199+82	87	10.5
199+82	200+13	31	5.0
200+13	201+03	90	-
201+03	201+99	96	15.5
201+99	202+60	61	7.4
202+60	246+02	4342	340.7
246+02	247+55	153	18.5
247+55	248+49	94	15.2
248+49	249+77	128	-
249+77	250+69	92	14.8
250+69	252+31	102	19.6
252+31	307+50	5519	430.9
307+50	308+07	57	6.9
308+07	308+92	85	13.7
308+92	310+17	125	
310+17	311+04	87	14.0
311+04	311+60	56	6.8
311+60	342+63	3103	250.3
342+63	342+84	21	0.8
342+84	343+48	64	-
343+48	344+30	82	-
344+30	344+92	62	-
344+92	345+20	28	1.1
345+20	365+72	2052	163.5
365+72	366+05	33	0.9
366+05	367+10	105	-
	TOTALS:	2420	

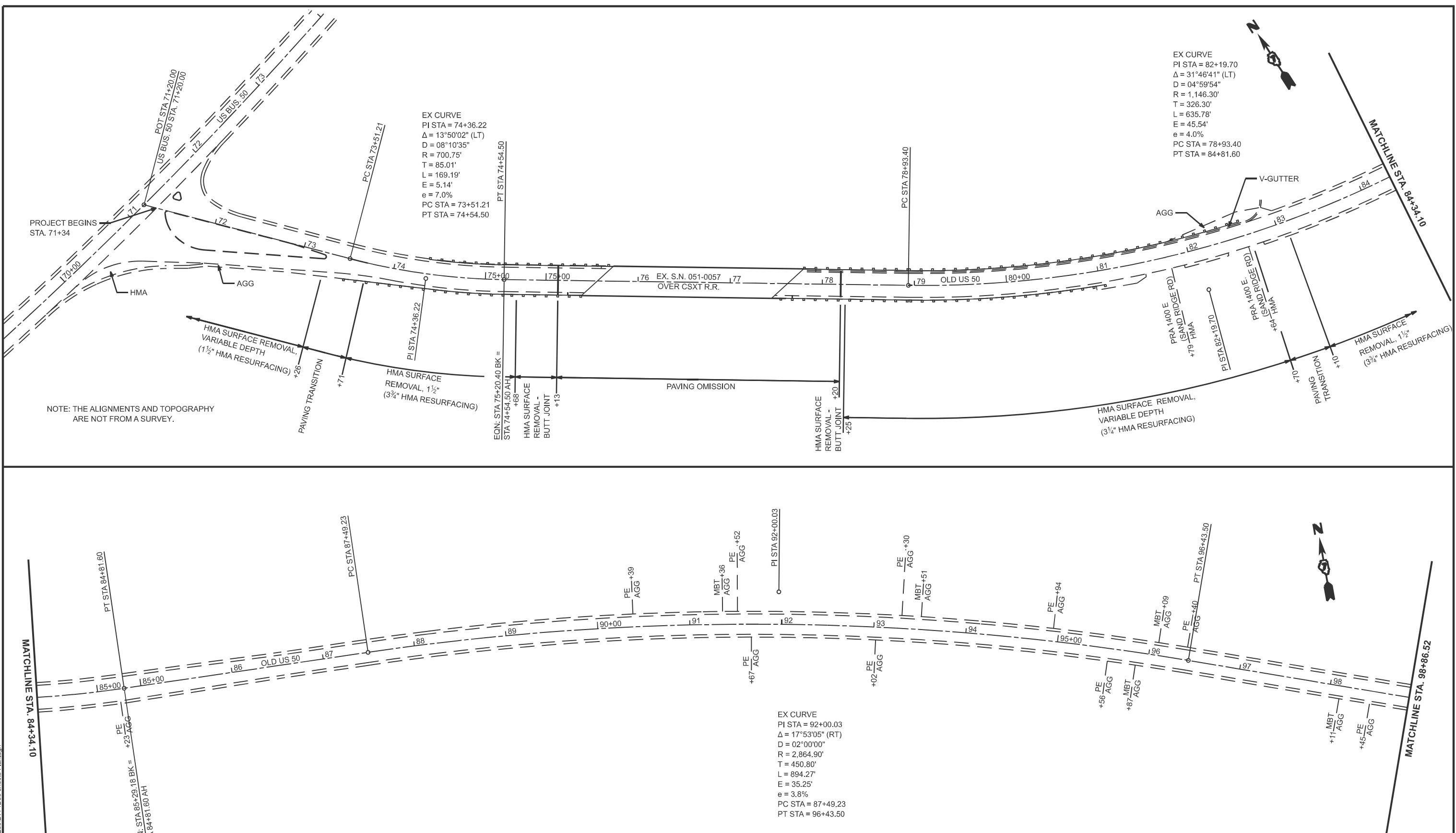
ENTRANCE SCHEDULE			SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE, TYPE B
SIDE	STATION	TYPE	SQ YD	TON	TON
RT	81+79	PRA	51.1	5.4	-
RT	82+64	PRA	54.4	5.7	-
RT	85+23	PE	-	-	6.9
LT	90+39	PE	-	-	2.4
LT	91+36	MBT	-	-	2.5
LT	91+52	PE	-	-	2.1
RT	91+67	PE	-	-	1.7
RT	93+02	PE	-	-	2.5
LT	93+30	PE	-	-	3.0
LT	93+51	MBT	-	-	1.7
LT	94+94	PE	-	-	4.3
RT	95+56	PE	-	-	3.5
RT	95+07	MBT	-	-	0.9
LT	96+09	MBT	-	-	1.5
LT	96+40	PE	-	-	2.2
RT	98+11	MBT	-	-	0.8
RT	98+45	PE	-	-	3.7
LT	99+16	PE	-	-	1.9
RT	99+16	PE	-	-	2.1
RT	99+72	PE	-	-	2.1
RT	100+93	PE	-	-	2.5
RT	102+49	MBT	-	-	1.3
RT	102+61	PE	23.3	2.5	-
RT	103+73	PE	-	-	2.0
RT	104+28	MBT	-	-	0.1
RT	104+39	PE	-	-	1.4
RT	109+83	MBT	-	-	2.4
RT	110+02	PE	-	-	2.8
RT	116+84	FE	-	-	3.7
RT	121+65	MBT	-	-	1.6
LT	121+82	PE	-	-	1.9
RT	122+27	PE	-	-	8.4
LT	122+68	MBT	-	-	0.4
RT	132+56	CE	-	-	2.1
LT	133+05	CE	-	-	8.8
LT	133+91	PRA	147.8	15.5	-
RT	133+98	PRA	37.8	4.0	-
RT	144+60	PE	-	-	3.2
LT	148+37	PE	-	-	2.6
RT	148+47	FE	-	-	3.6
LT	148+89	PE	-	-	2.2
LT	149+28	MBT	-	-	5.0
LT	150+21	MBT	-	-	3.6
LT	150+42	PE	-	-	1.7

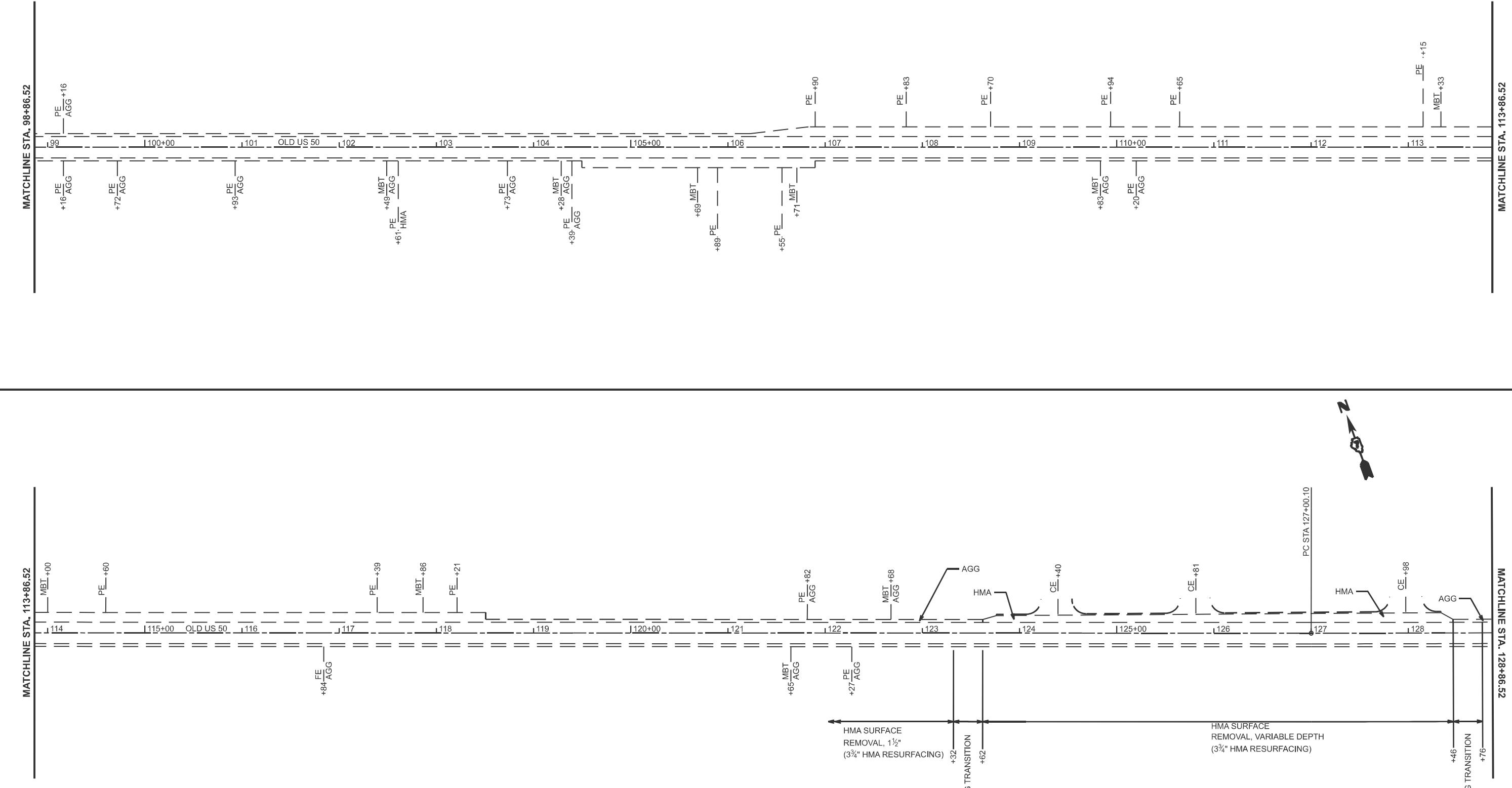
ENTRANCE SCHEDULE			SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE, TYPE B
SIDE	STATION	TYPE	SQ YD	TON	TON
LT	153+75	MBT	-	-	0.8
LT	153+97	PE	-	-	1.7
LT	155+75	MBT	-	-	0.3
LT	156+05	PE	-	-	3.1
LT	157+08	MBT	-	-	0.8
RT	157+34	FE	-	-	2.4
LT	157+36	PE	-	-	3.3
LT	161+63	PE	-	-	3.0
RT	165+24	FE	-	-	1.6
LT	175+87	FE	-	-	2.4
RT	176+35	FE	-	-	3.1
LT	189+91	FE	-	-	2.6
RT	190+23	FE	-	-	1.9
RT	199+76	FE	-	-	2.4
RT	204+20	PRA	-	-	4.9
RT	211+58	FE	-	-	2.6
LT	221+32	CE	-	-	8.2
RT	222+85	PE	-	-	2.6
RT	223+03	MBT	-	-	1.5
LT	225+56	CE	-	-	3.2
LT	232+78	FE	-	-	2.4
RT	233+28	FE	-	-	5.4
LT	255+32	PRA	-	-	5.8
RT	255+81	FE	-	-	2.5
LT	257+46	MBT	-	-	4.0
LT	257+76	PE	-	-	2.6
RT	261+82	FE	-	-	2.7
LT	273+42	FE	-	-	1.9
RT	274+82	FE	-	-	2.8
RT	284+30	MBT	-	-	2.6
RT	284+48	PE	-	-	1.8
RT	285+33	PE	-	-	1.6
LT	288+17	PRA	-	-	5.0
RT	288+46	PRA	-	-	5.7
LT	290+48	PE	-	-	4.4
LT	290+93	MBT	-	-	2.8
RT	303+50	FE	-	-	1.5
LT	303+95	FE	-	-	3.2
RT	324+83	FE	-	-	2.8
RT	336+55	FE	-	-	3.8
LT	336+77	FE	-	-	2.1
RT	356+21	FE	-	-	1.5
RT	360+00	PE	45.6	4.8	-

TOTALS: 360 38 228

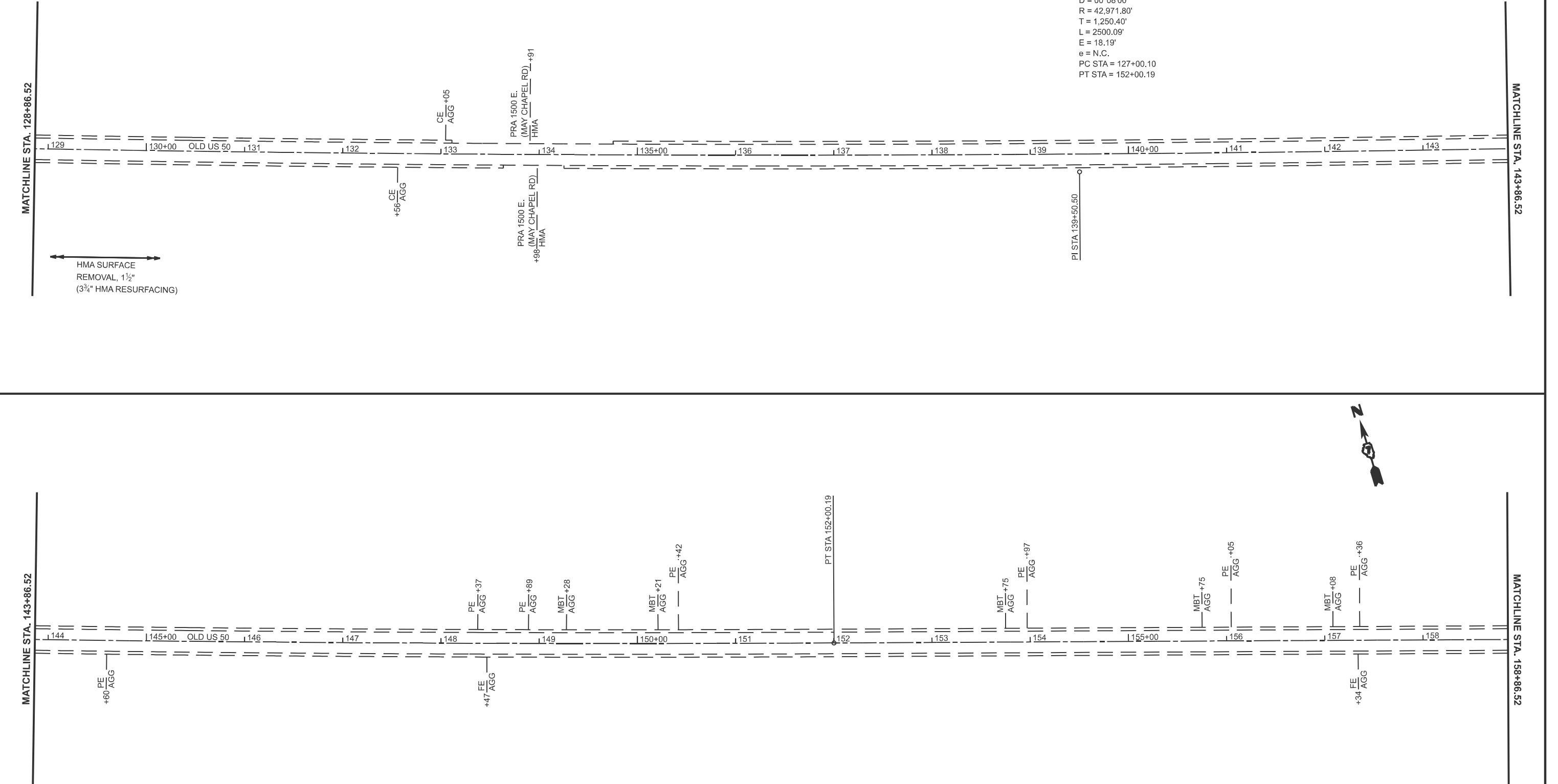
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

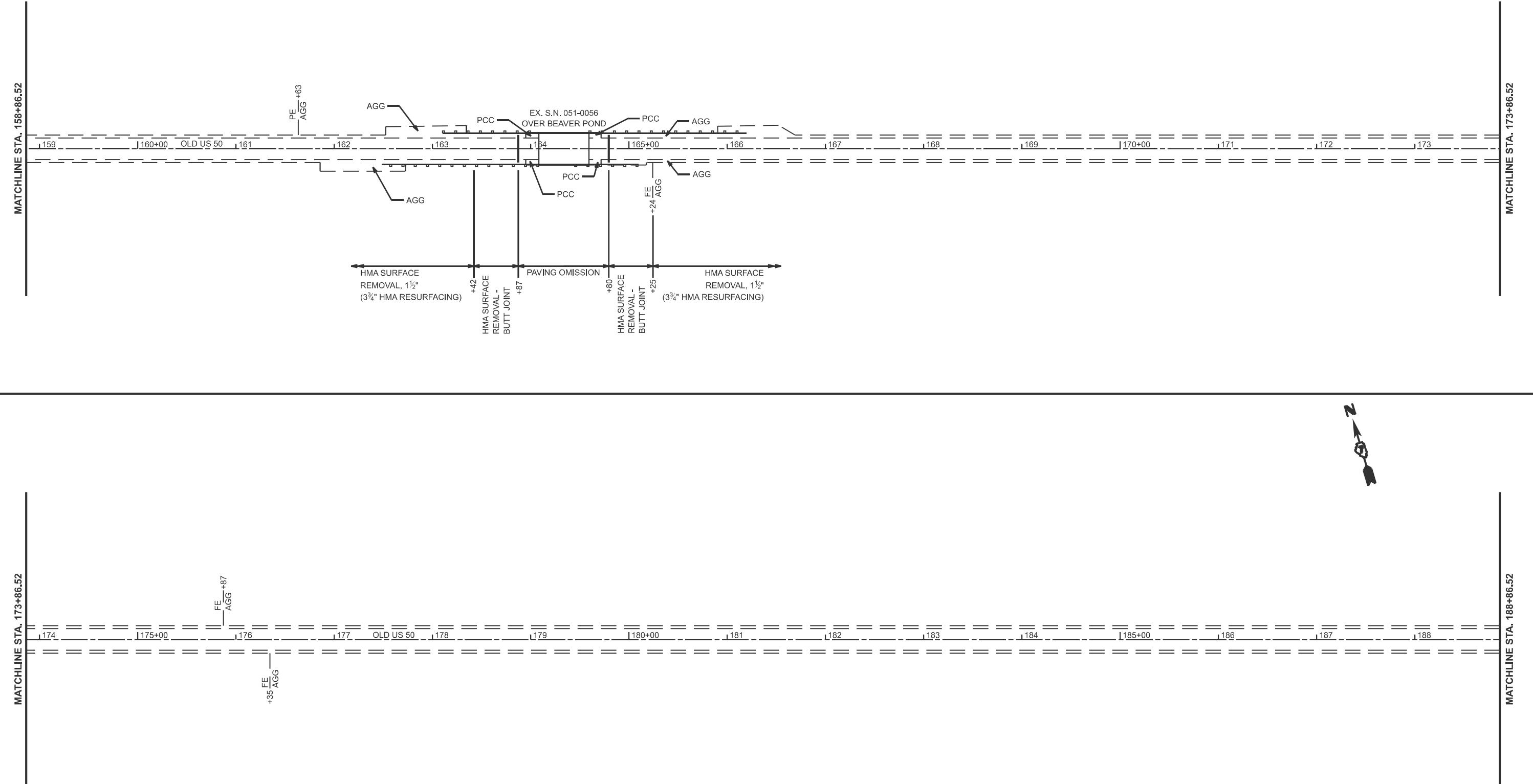


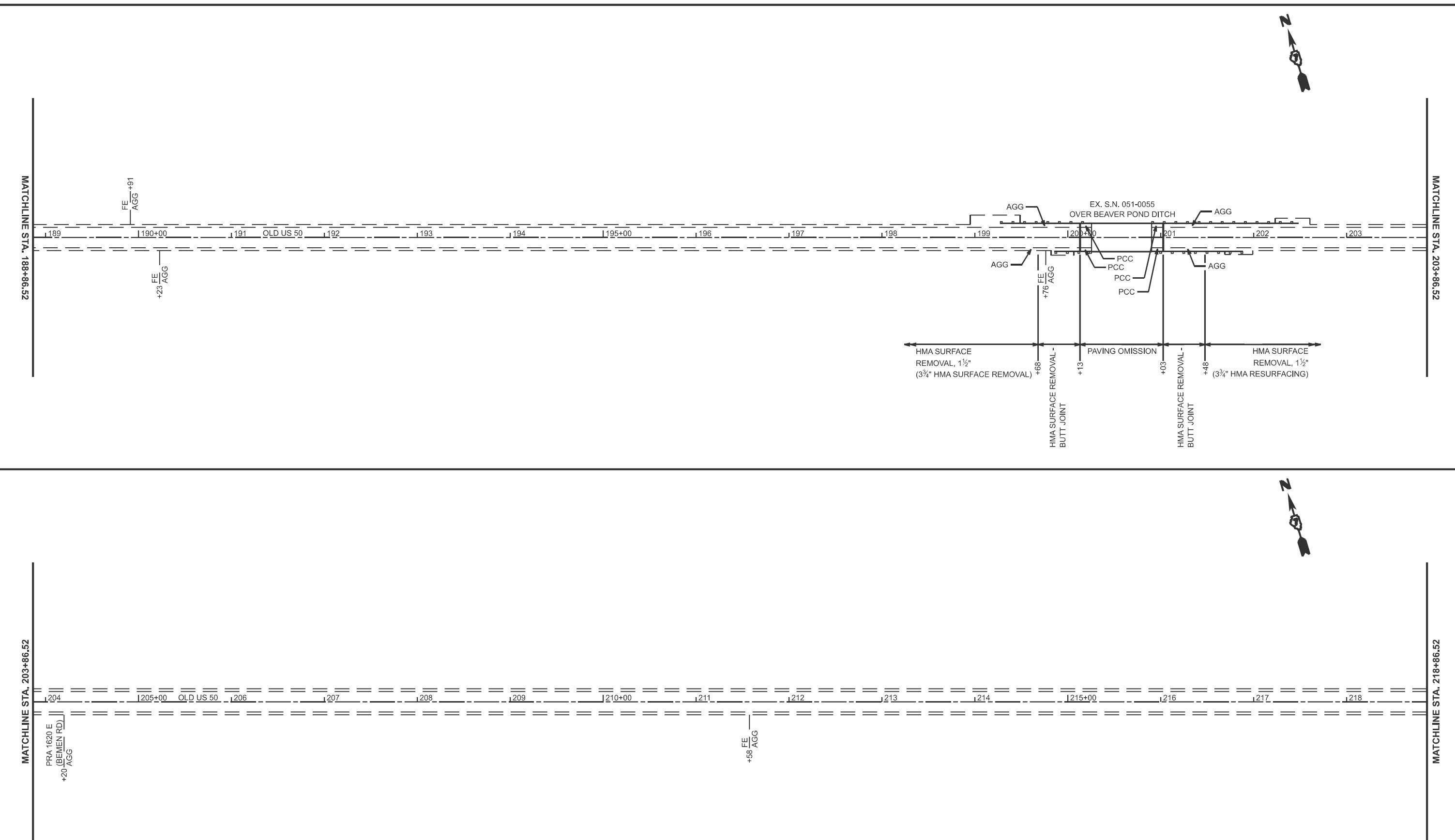


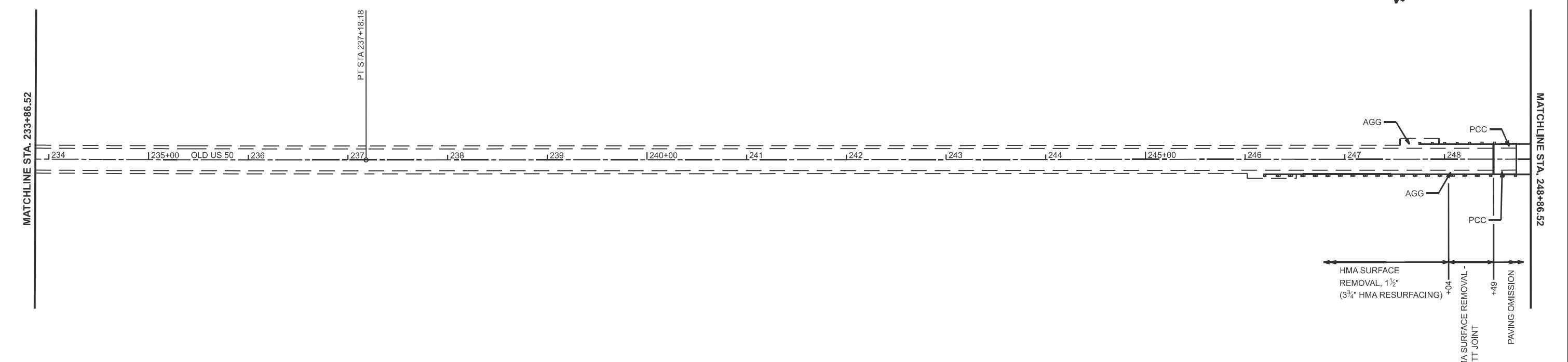
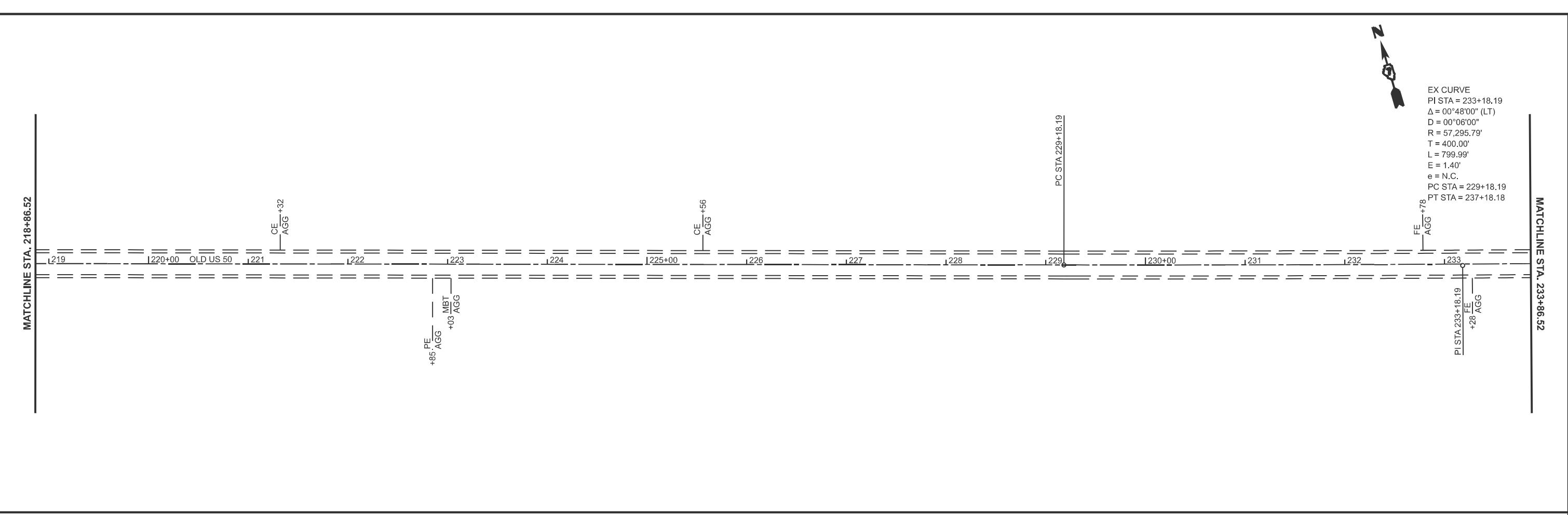
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET				F.A.S RTE. 1808	SECTION 1(RS-3)	COUNTY LAWRENCE	TOTAL SHEETS 28	SHEET NO. 12
DRAWN -	REVISED -			SCALE: 1"=50'	SHEET 2	OF 10	SheETS	STA. 98+86.52 R3	TO STA. 128+86.52 R3			
CHECKED -	REVISED -											
PLOT DATE = 9/12/2025	DATE -	REVISED -										



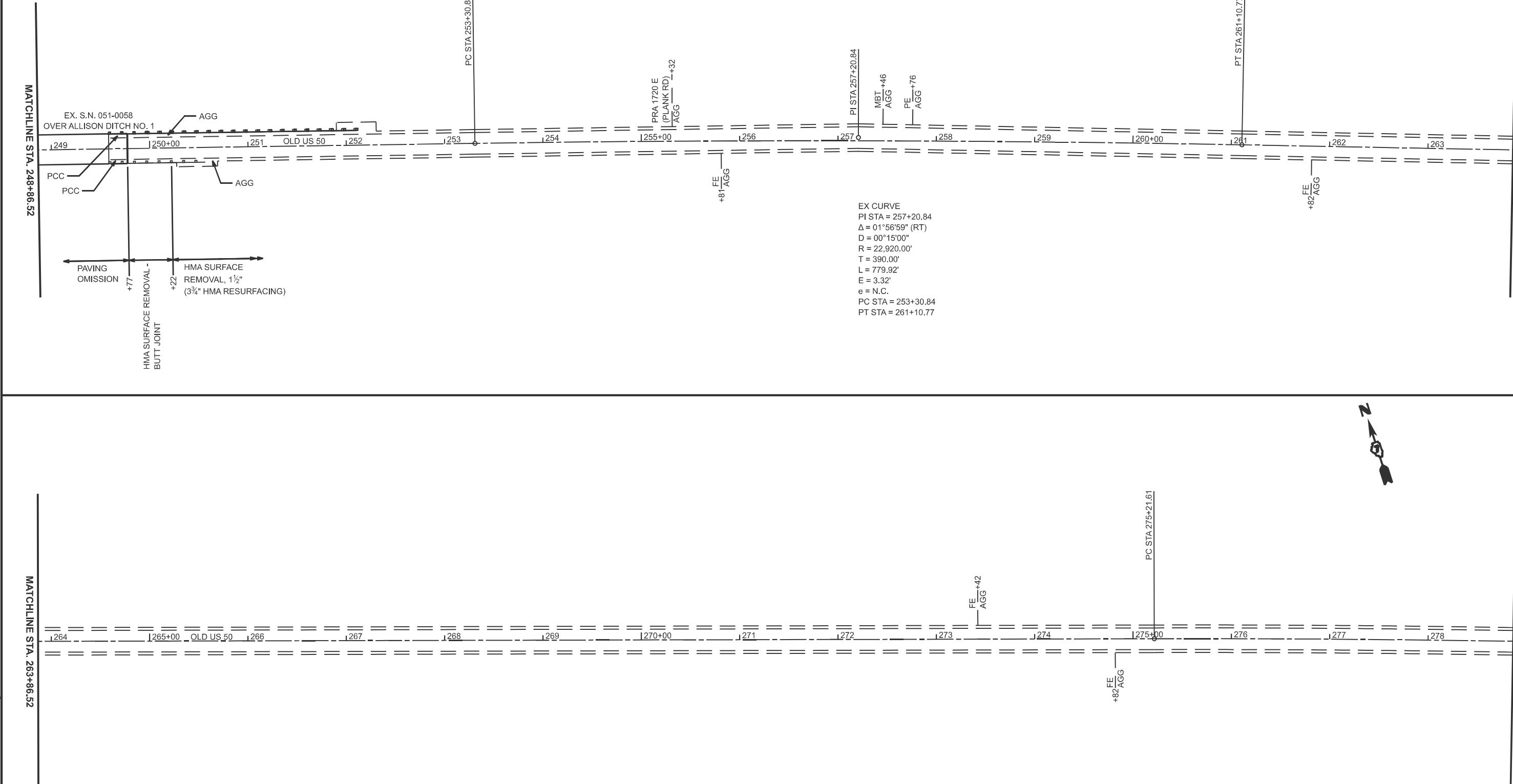
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET				F.A.S RTE 1808	SECTION 1(RS-3)	COUNTY LAWRENCE	TOTAL SHEETS 28	SHEET NO. 13
	DRAWN -	REVISED -		SCALE: 1"=50'	SHEET 3	OF 10	Sheets	STA. 128+86.52 R3	TO STA. 158+86.52 R3			
	CHECKED -	REVISED -										
PLOT DATE = 9/12/2025	DATE -	REVISED -										



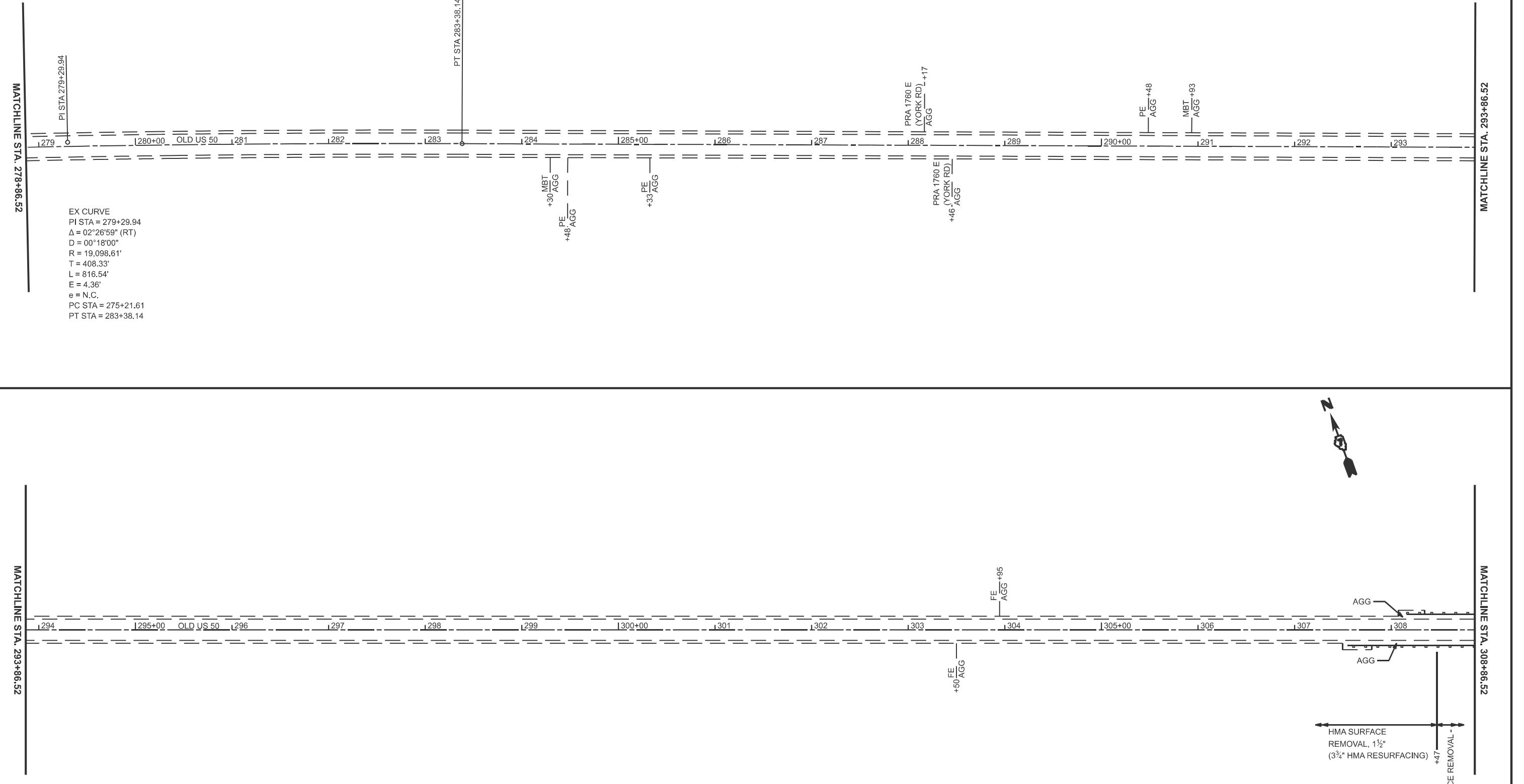




USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET				F.A.S RTE. 1808	SECTION 1(RS-3)	COUNTY LAWRENCE	TOTAL SHEETS 28	SHEET NO. 16
	DRAWN -	REVISED -		SCALE: 1"=50'	SHEET 6	OF 10	Sheets	STA. 218+86.52 R3	TO STA. 248+86.52 R3			
	CHECKED -	REVISED -										
PLOT DATE = 9/12/2025	DATE -	REVISED -										



USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET				F.A.S RTE 1808	SECTION 1(RS-3)	COUNTY LAWRENCE	TOTAL SHEETS 28	SHEET NO. 17
	DRAWN -	REVISED -										
	CHECKED -	REVISED -										
PLOT DATE = 9/12/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 7	OF 10	Sheets	STA. 248+86.52 R3	TO STA. 278+86.52 R3		ILLINOIS	FED. AID PROJECT



MATCHLINE STA. 278+86.52

PI STA 279+29.94

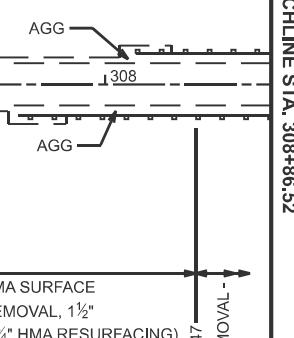
PT STA 283+38.14

PRA 1760 E (YORK RD) +17 AGG

PRA 1760 E (YORK RD) +46 AGG

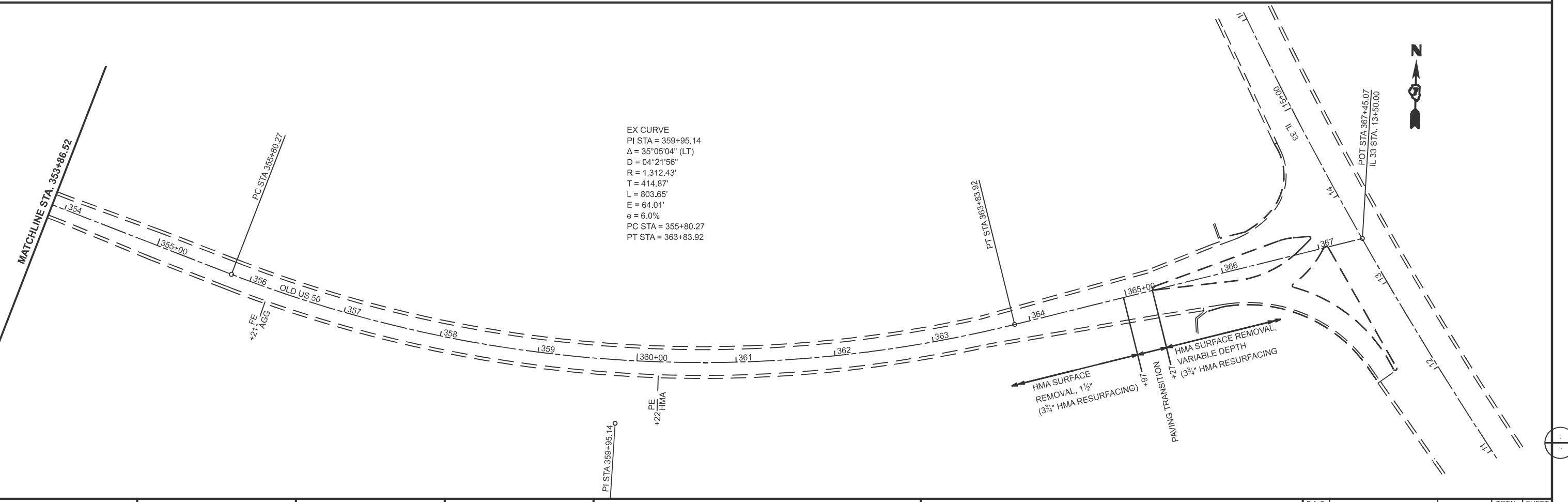
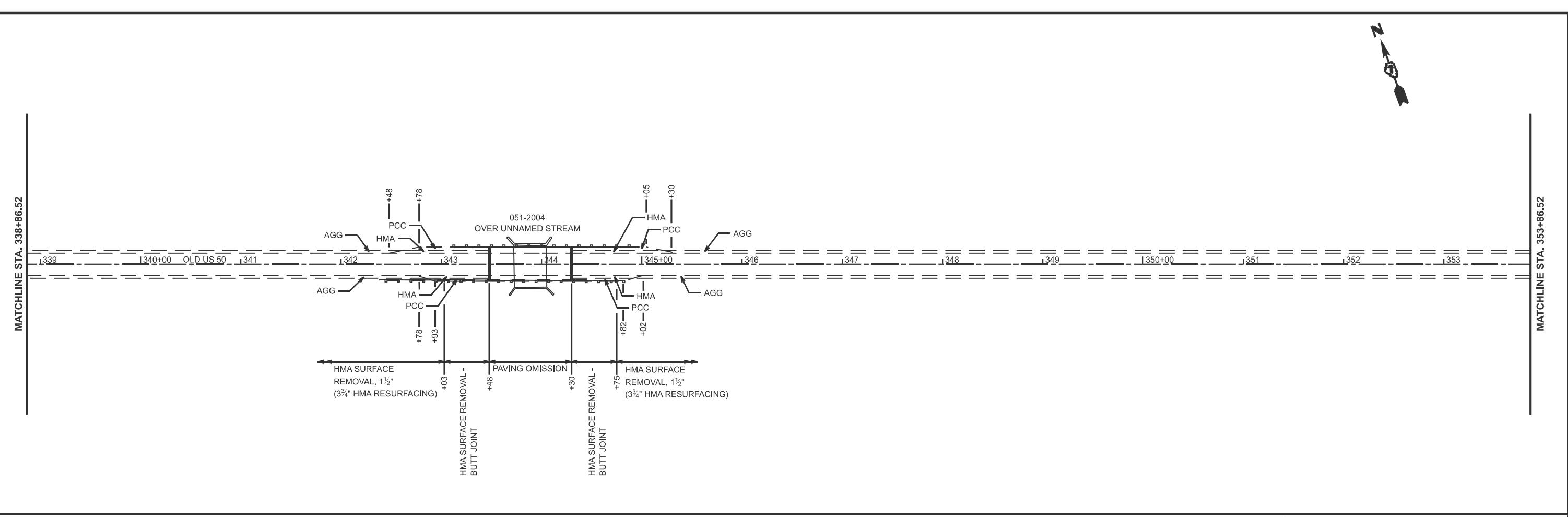
FE AGG +95

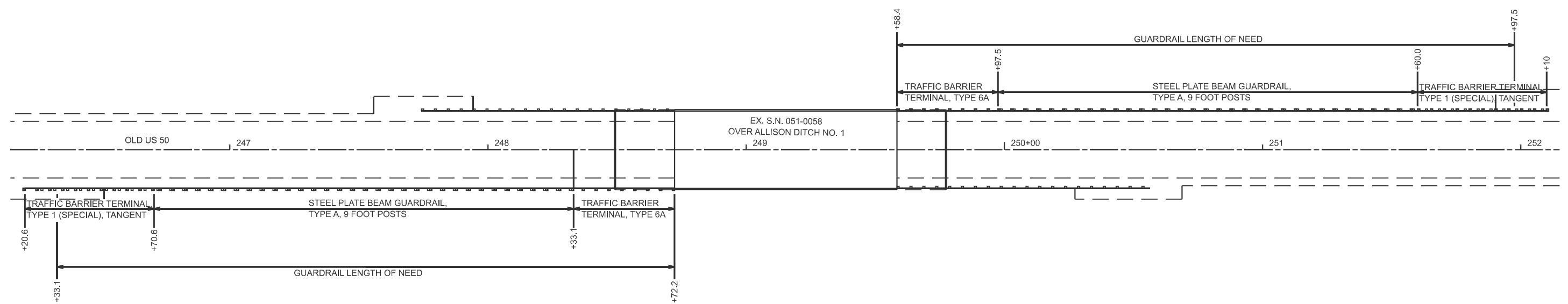
+50 FE AGG





USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET				F.A.S RTE. 1808	SECTION 1(RS-3)	COUNTY LAWRENCE	TOTAL SHEETS 28	SHEET NO. 19
	DRAWN -	REVISED -										
	CHECKED -	REVISED -										
PLOT DATE = 9/12/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 9	OF 10	Sheets	STA. 308+86.52 R3	TO STA. 338+86.52 R3		ILLINOIS	FED. AID PROJECT



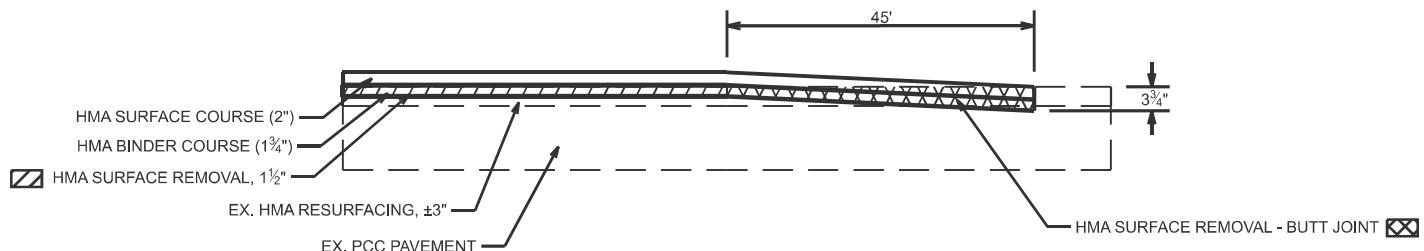


2
2

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL DETAILS				F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						1808	1(RS-3)	LAWRENCE	28	21
	CHECKED -	REVISED -								CONTRACT NO. 74D53		
PLOT DATE = 9/24/2025	DATE -	REVISED -		SCALE: 1"=20'	SHEET 1	OF 1	Sheets	STA. 246+15.00 R3	TO STA. 252+15.00 R3	ILLINOIS	FED. AID PROJECT	

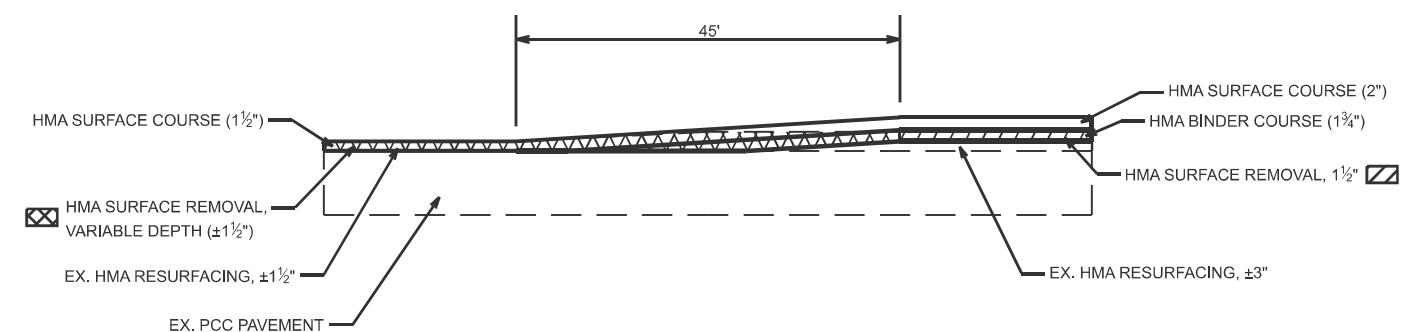
BUTT-JOINT DETAIL

STA. 74+68 TO STA. 75+13
 STA. 163+42 TO STA. 163+87
 STA. 164+80 TO STA. 165+25
 STA. 199+68 TO STA. 200+13
 STA. 201+03 TO STA. 201+48
 STA. 248+04 TO STA. 248+49
 STA. 249+77 TO STA. 250+22
 STA. 308+47 TO STA. 308+92
 STA. 310+17 TO STA. 310+62
 STA. 343+03 TO STA. 343+48
 STA. 344+30 TO STA. 344+75



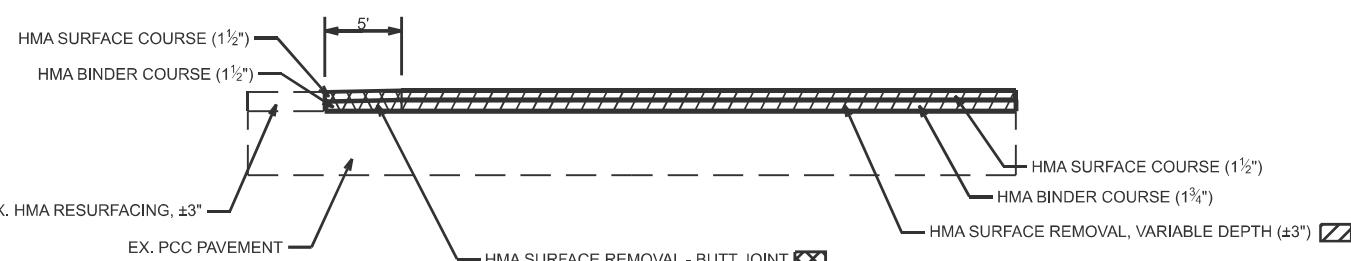
PAVING TRANSITION DETAIL

STA. 73+26 TO STA. 73+71



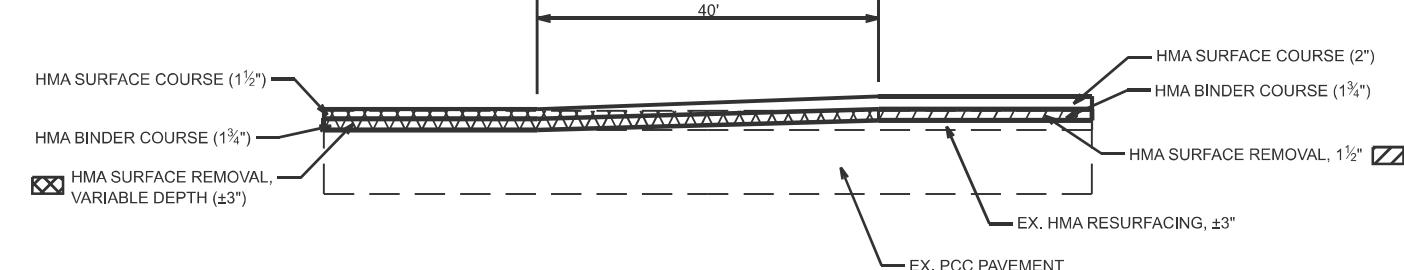
BUTT-JOINT DETAIL

STA. 78+20 TO STA. 78+25



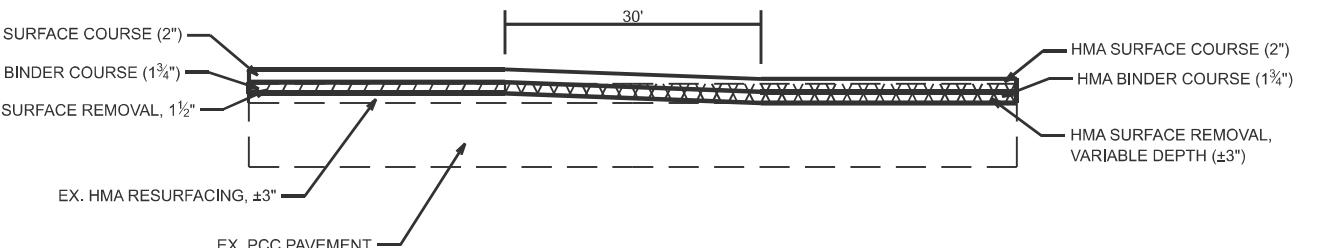
PAVING TRANSITION DETAIL

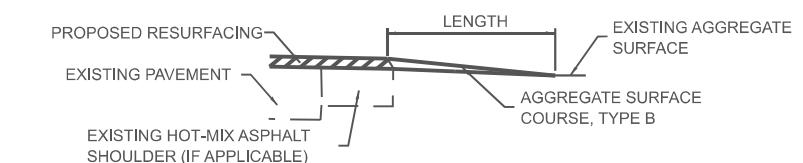
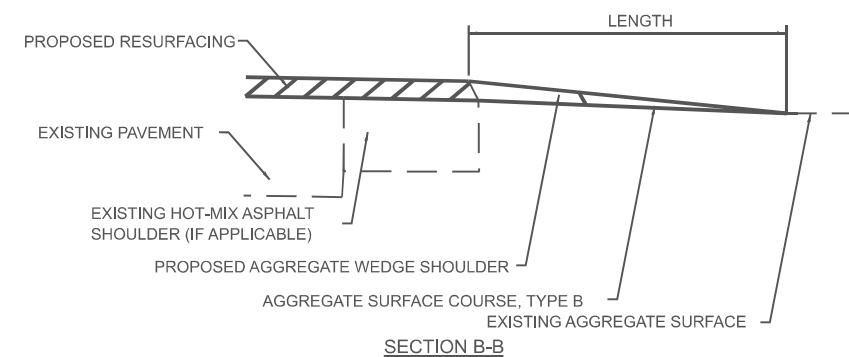
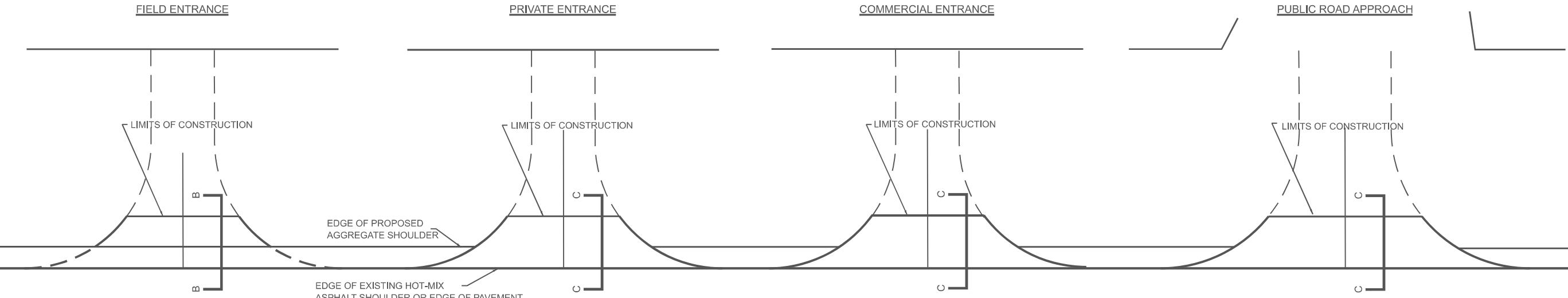
STA. 82+70 TO STA. 83+10



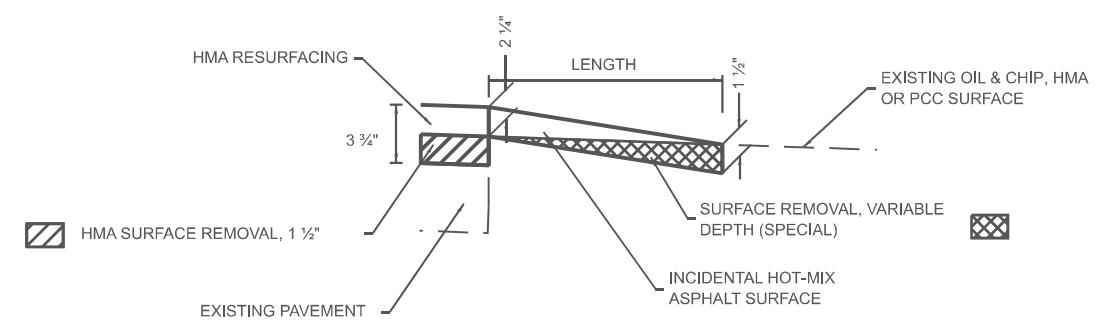
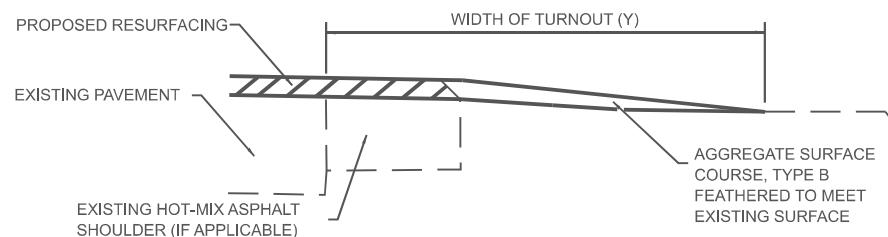
PAVING TRANSITION DETAIL

STA. 123+32 TO STA. 123+62
STA. 128+46 TO STA. 128+76
STA. 364+97 TO STA. 365+27





SECTION C-C



SECTION C-C

TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

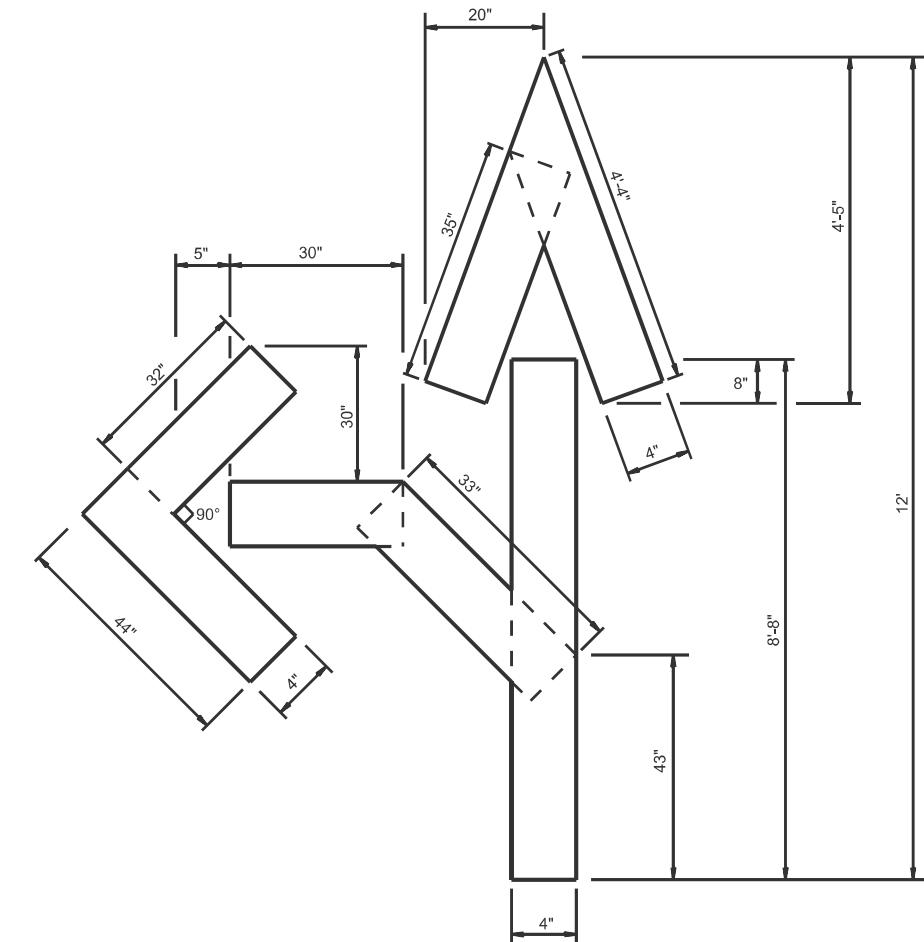
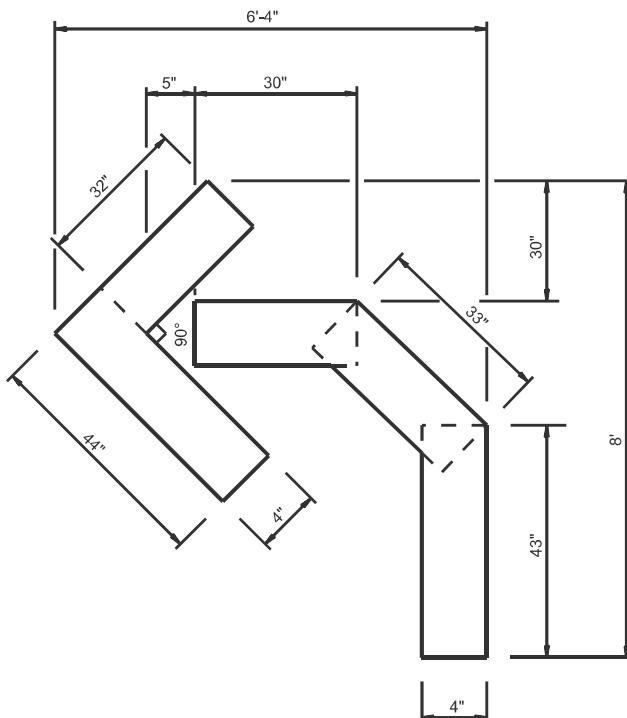
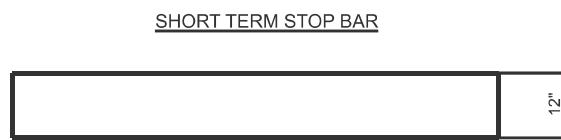
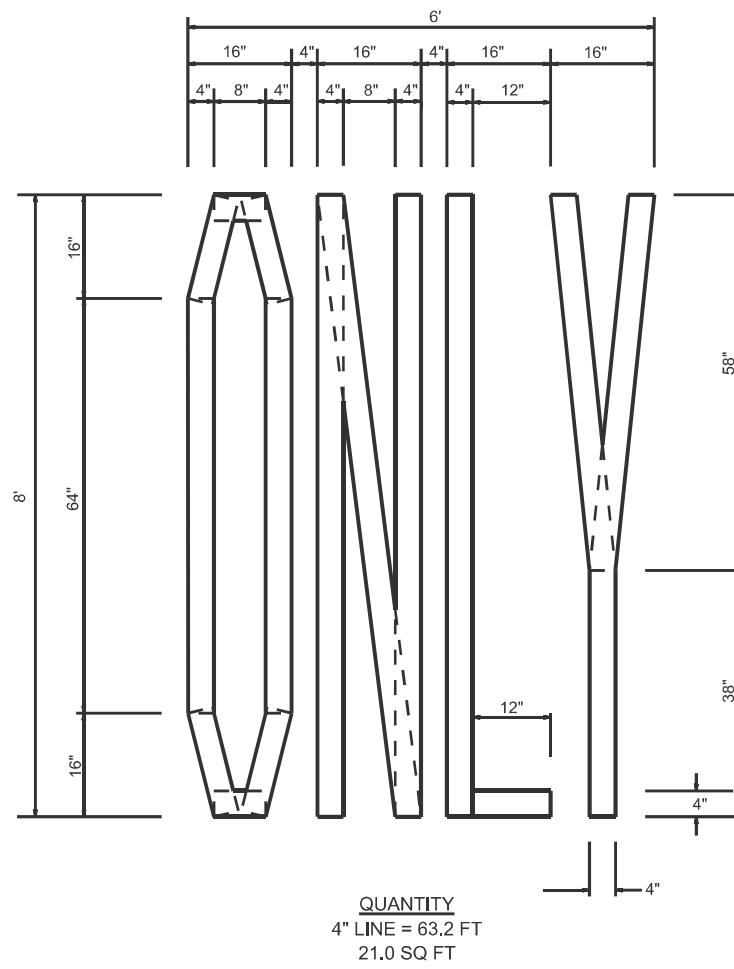
NOTES

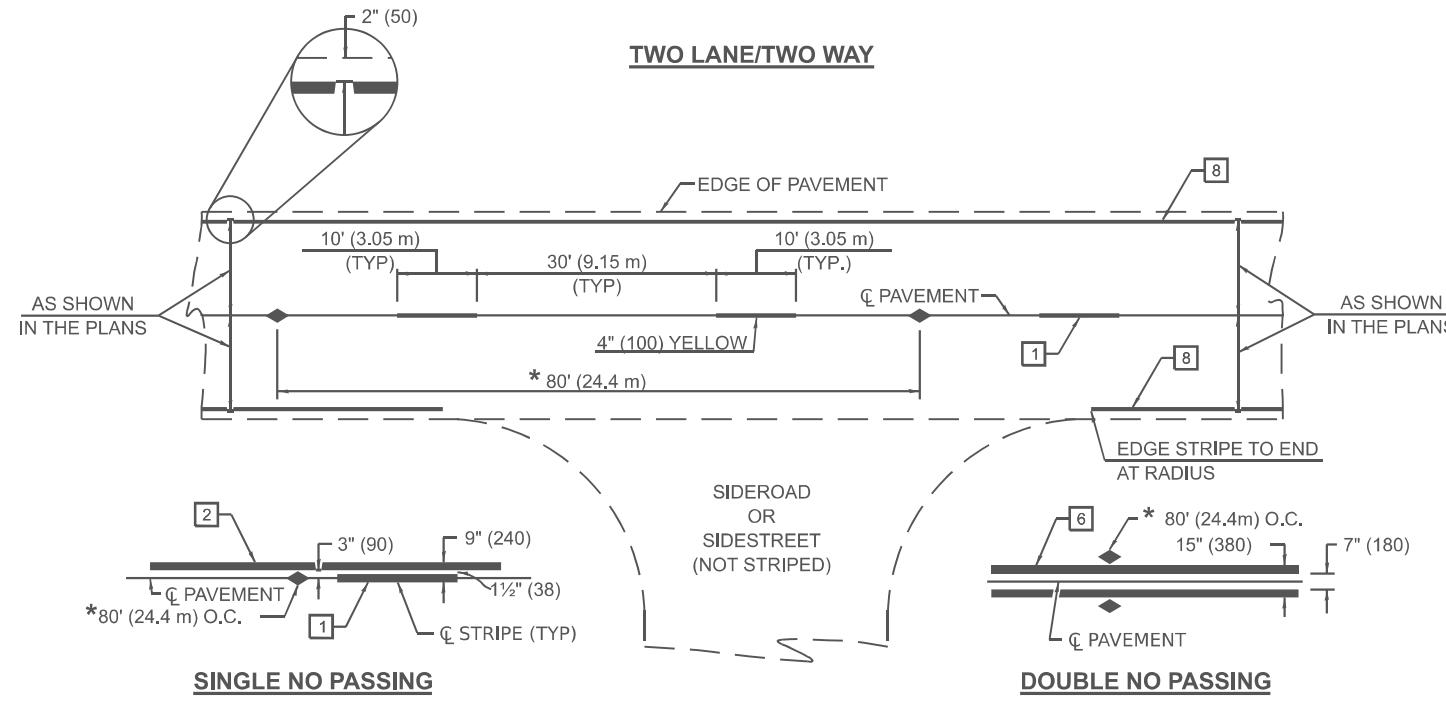
LENGTH - 10' UNLESS OTHERWISE NOTED ON PLANS

IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

USER NAME = kaleb.hrtzel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 9/12/2025	DATE -	REVISED -

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	1(RS-3)	LAWRENCE	28	23

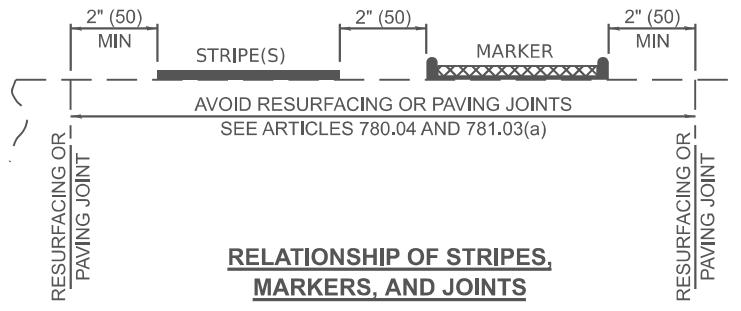




TWO LANE/TWO WAY

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)	

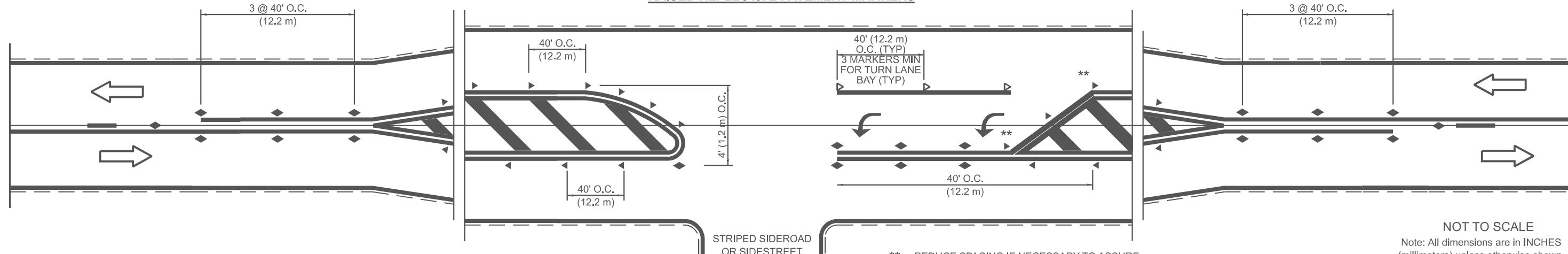


RELATIONSHIP OF STRIPES, MARKERS, AND JOINTS

RAISED REFLECTIVE PAVEMENT MARKERS

TYPICAL PAVEMENT MARKERS LEGEND

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



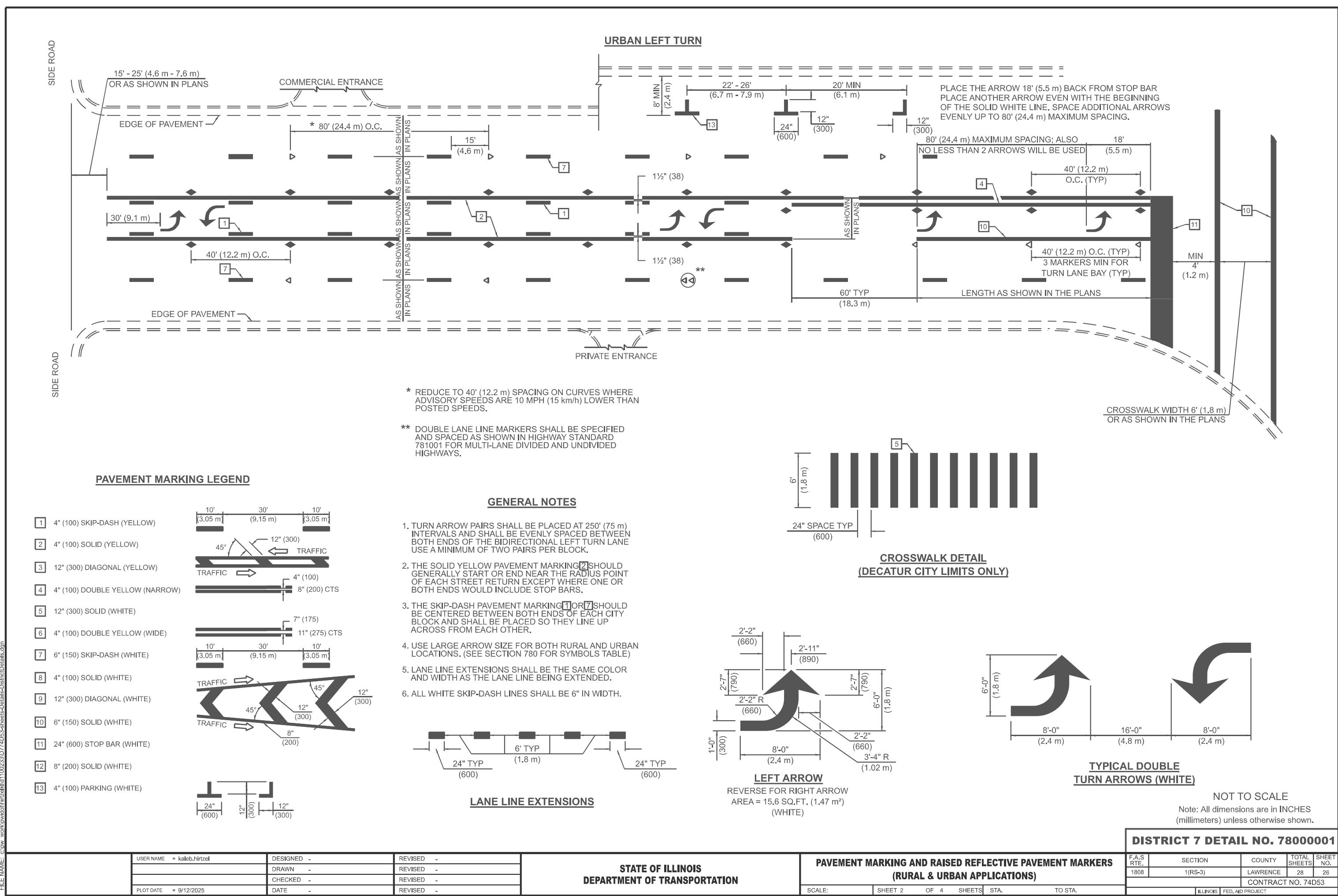
NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

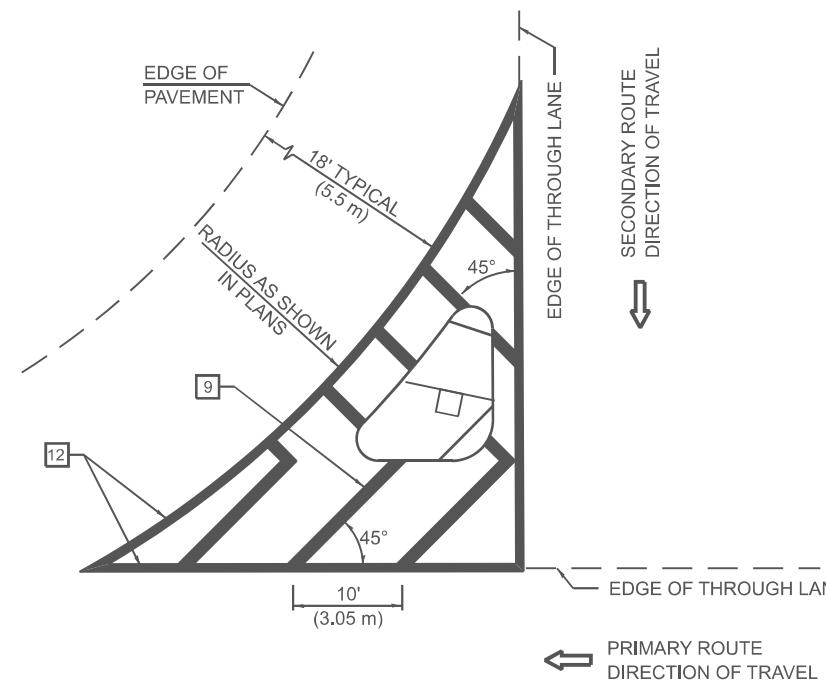
USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
DRAWN -	REVISED -	
CHECKED -	REVISED -	
PLOT DATE = 9/12/2025	DATE -	REVISED -

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	1(RS-3)	LAWRENCE	28	25



ISLANDS

OPTION 1



- RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH **2**
- SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
- PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
- FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.

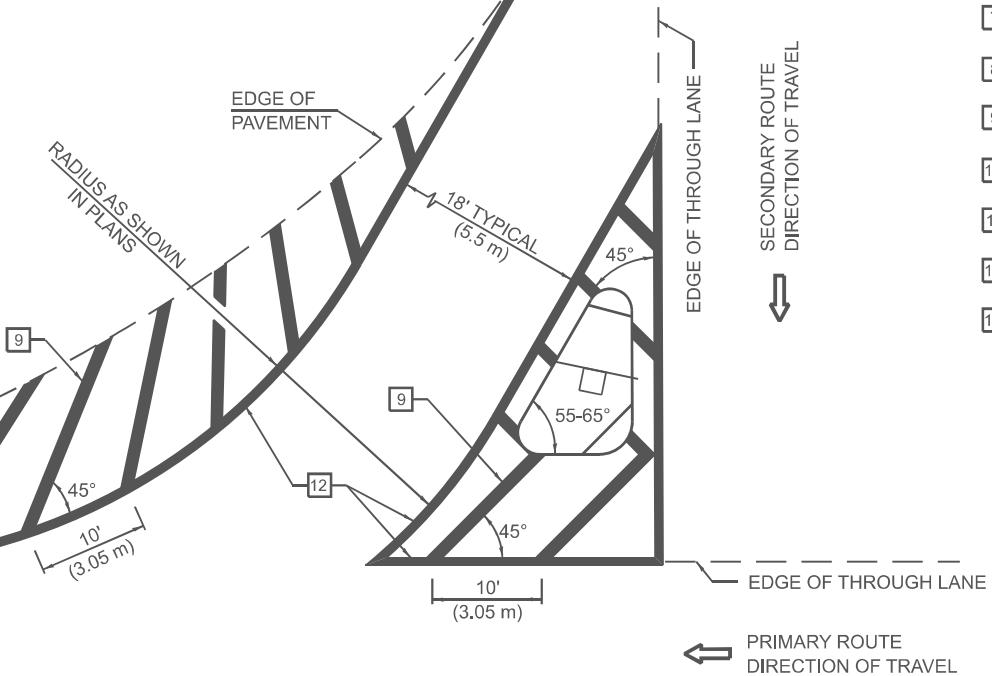
GENERAL NOTES

- 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)

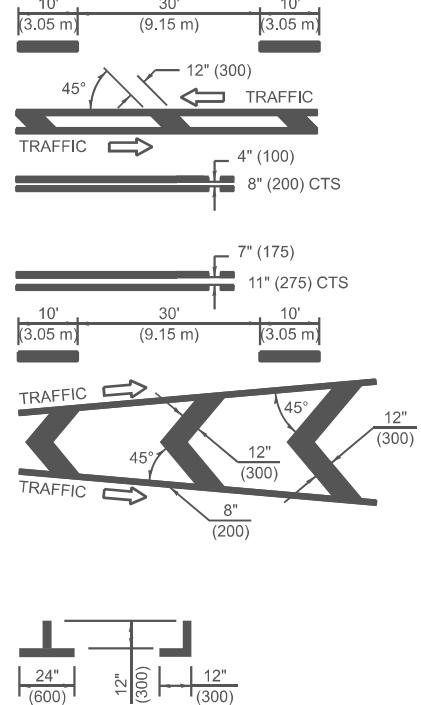
- THE USE OF ISLAND STRIPING OPTION 1 OR OPTION 2 SHALL BE AS SHOWN ON THE PLANS.

OPTION 2

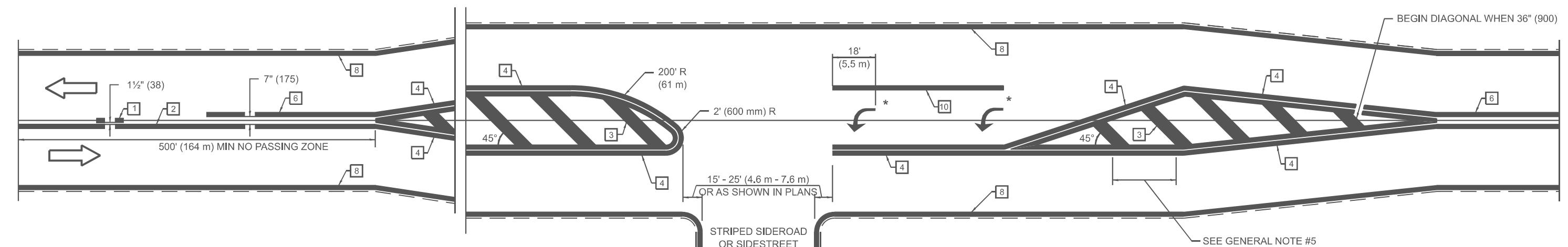


PAVEMENT MARKING LEGEND

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 = kaleb.hirtzel	DESIGNED -	REVISED -
DRAWN -	REVISED -	
CHECKED -	REVISED -	
PLOT DATE = 9/12/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1808	1(RS-3)	LAWRENCE	28	27

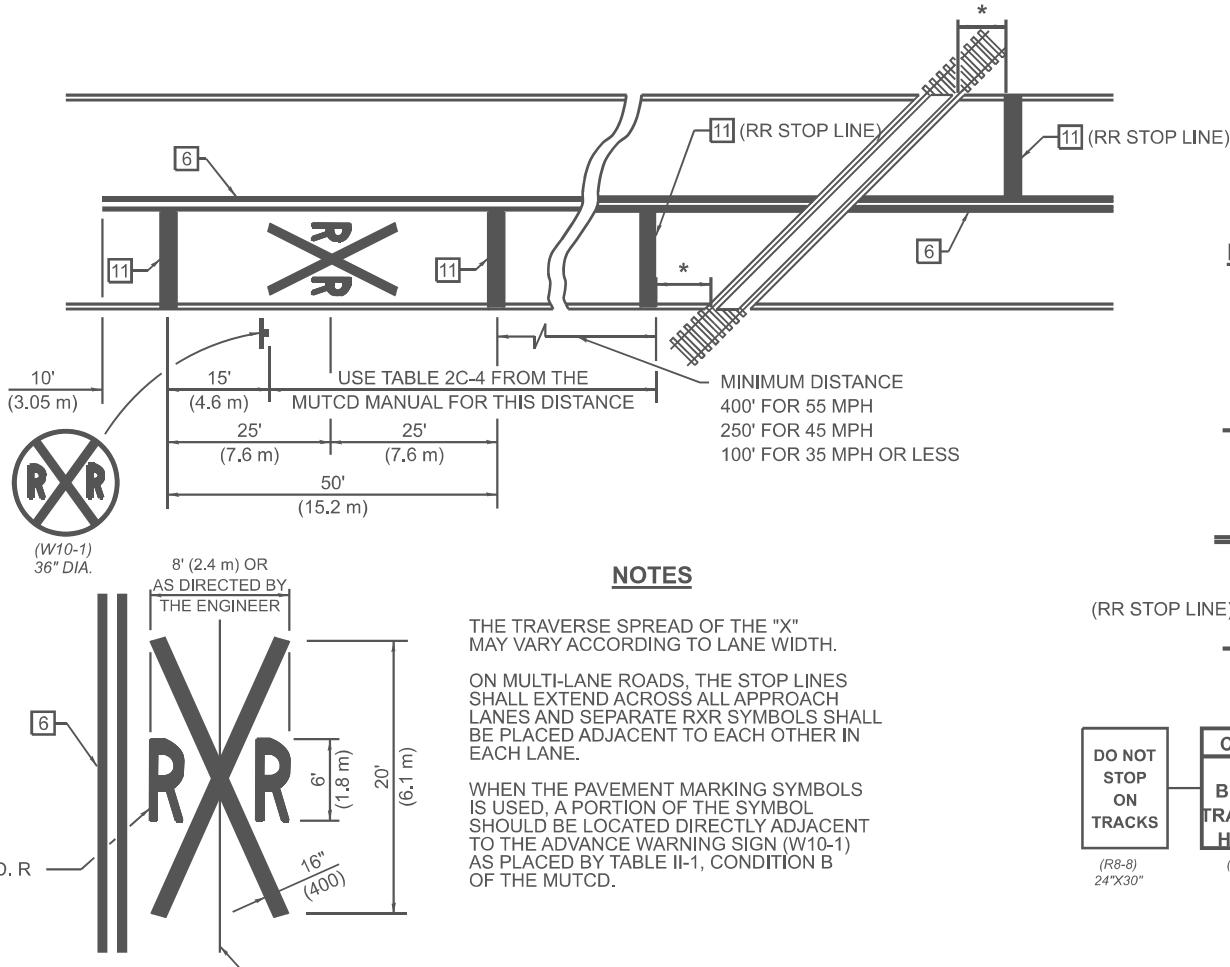
ILLINOIS FED. AID PROJECT
CONTRACT NO. 74D53

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

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)

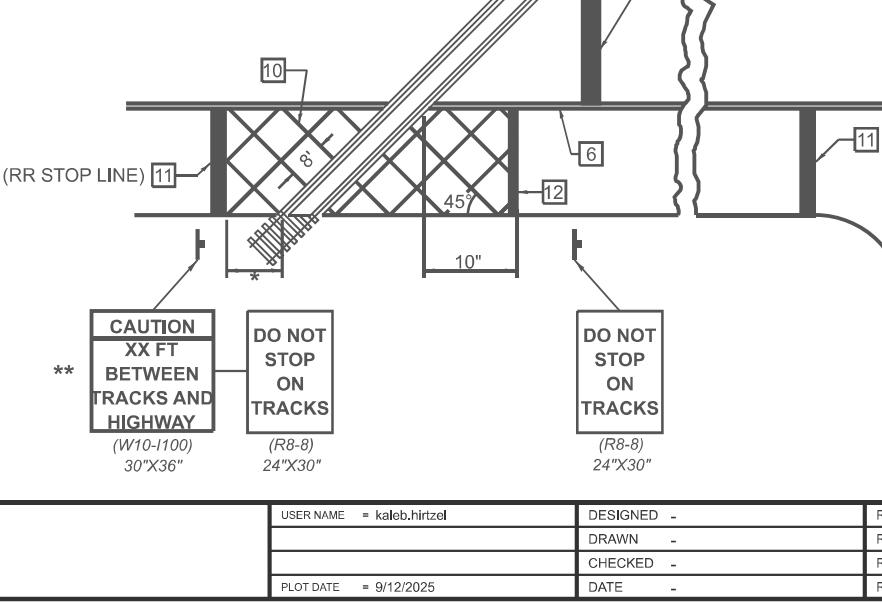
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



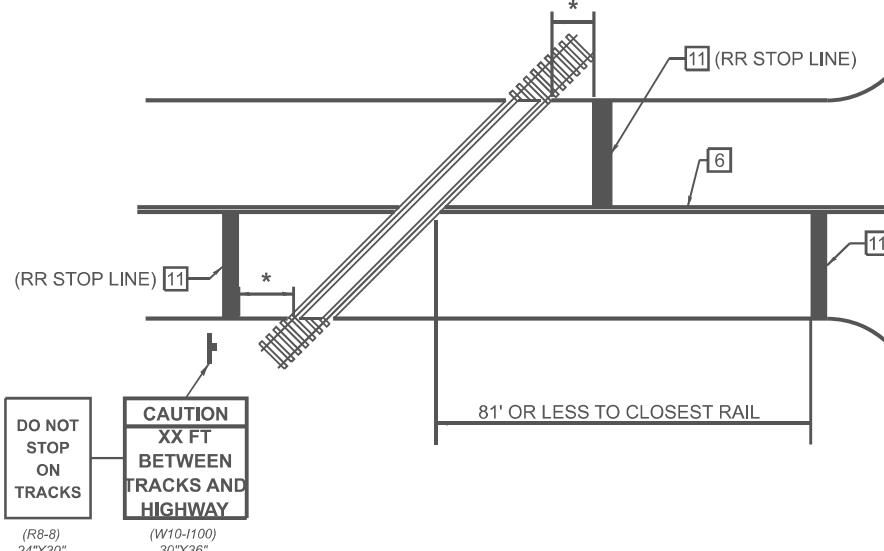
NOTES

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.

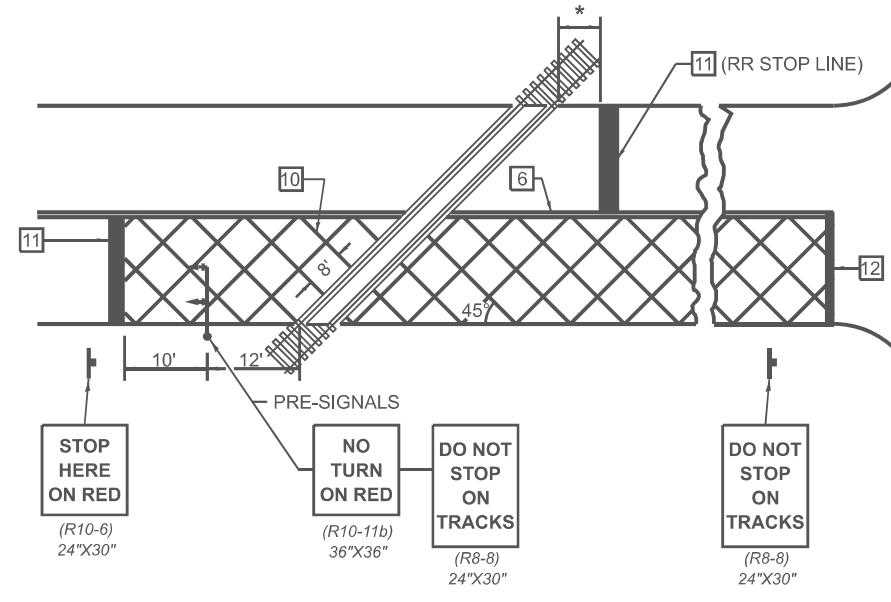
RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH NON-SIGNALIZED INTERSECTION



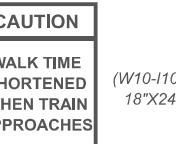
RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY 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-I101 (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.

* 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.



NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

USER NAME = kaleb.hirtzel	DESIGNED -	REVISED -
DRAWN -	REVISED -	
CHECKED -	REVISED -	
PLOT DATE = 9/12/2025	DATE -	REVISED -