

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

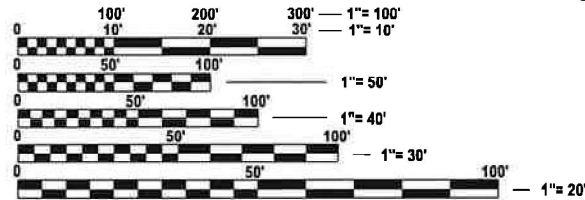
F.A.S. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
298	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3		*	30	1
		ILLINOIS	CONTRACT NO. 66R31		
'GRUNDY & LIVINGSTON					

INDEX OF SHEETS	
1	COVER SHEET
2	GENERAL NOTES, STANDARDS & COMMITMENTS
3 - 5	SUMMARY OF QUANTITIES
6	TYPICAL SECTIONS
7 - 10	SCHEDULE OF QUANTITIES
11 - 25	PLAN VIEWS
26 - 30	DETAILS

HIGHWAY STANDARDS
SEE SHEET 2

PROPOSED
HIGHWAY PLANS

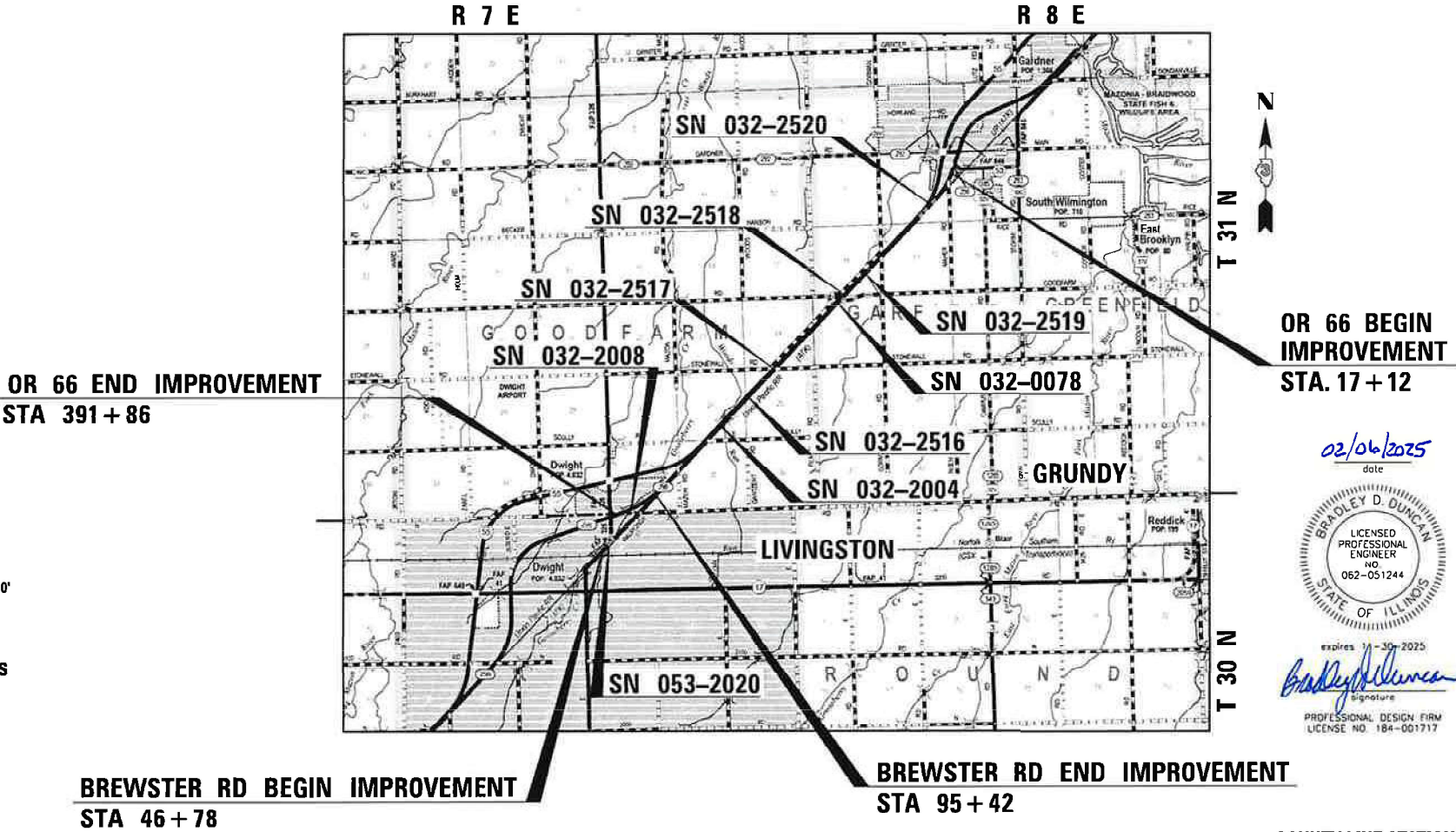
FAS ROUTE 298 (OR 66) & SBI 4 (BREWSTER RD)
SECTION (7X-3, 7R-2, 6R-2)RS-1 & 92RS-3
PROJECT STP-79F4(271)
3P RESURFACING (DESIGNED OVERLAY)
GRUNDY & LIVINGSTON COUNTIES
C-93-077-25



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: JOE KANNEL, P.E.
UNIT CHIEF: MOHAMED YOUSIF
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66R31



OR 66 - MAJOR COLLECTOR (RURAL)
ADT=1050 (2023)
PV=94.8% SU=1.0% MU=4.2%
BREWSTER RD - LOCAL ROAD
ADT = 200 (2023)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 6, 20 25
Trisha Thompson
REGIONAL ENGINEER

March 21 20 25
S. A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

March 21 20 25
Director of Highways Project Implementation

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

OR 66: GROSS AND NET LENGTH = 37,474 FT. = 7.10 MILE
BREWSTER RD: GROSS AND NET LENGTH = 4,869 FT. = 0.92 MILE



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USER NAME = CHAMLIN	DESIGNED -	REVISED -
	DRAWN - JAA	REVISED -
	CHECKED - BD	REVISED -
PLOT DATE = 02/03/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	2
CONTRACT NO. 66R31				
ILLINOIS FED. AID PROJECT			** GRUNDY & LIVINGSTON	

GENERAL NOTES

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

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

LEAVE ANY/ALL EXCAVATION ON SITE WITHIN IDOT RIGHT OF WAY.

RESIDENT ENGINEER SHALL BE RESPONSIBLE FOR NOTING LOCATION OF NO PASSING ZONES PRIOR TO MILLING.

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RS OR WIDENING & RS PROJECTS
635001-02	DELINEATORS
701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701901-10	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

COMMENTS

RESIDENT ENGINEER TO PROVIDE NEW
VERTICAL CLEARANCES TO THE BRIDGE
MAINTENANCE SETION FOR SN 032-0078

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

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FILE NAME: C:\Users\686501-02\DOT - D3 Spring Road Repair Projects\Survey D366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\D366R31-1sh-SQO.dgn

				CONSTRUCTION CODE			
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				LIVINGSTON	LIVINGSTON	GRUNDY	GRUNDY
				0005	0005	0005	0005
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	OR 66	BREWSTER RD	OR 66	BREWSTER RD
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	214		8	84	122
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	116475	1658	7374	103427	4016
40600370	LONGITUDINAL JOINT SEALANT	FOOT	42364	586	3141	36903	1734
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	39	0.5	2.7	34.2	1.6
40600405	MATERIAL TRANSFER DEVICE	TON	26962	387	1721	23947	907
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	376			376	
40600990	TEMPORARY RAMP	SQ YD	850	106	448	126	170
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	16178	232	1033	14369	544
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	10784	155	688	9578	363
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	223			211	12
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	115879	1842		114037	
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	12518		8192		4326
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YD	1311	45	96	1104	66
44201299	DOWEL BARS 1 1/2"	EACH	2798	100	198	2356	144

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				CONSTRUCTION CODE			
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LIVINGSTON	LIVINGSTON	GRUNDY	GRUNDY
				0005	0005	0005	0005
				OR 66	BREWSTER RD	OR 66	BREWSTER RD
44213200	SAW CUTS	FOOT	6978	248	442	5970	318
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3395	50	171	3101	73
63500105	DELINEATORS	EACH	15		3	11	1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5			5	
67100100	MOBILIZATION	L SUM	1			0.9	0.1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.1	0.1	0.7	0.1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.1	0.1	0.7	0.1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13112	206	939	11442	525
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1457	23	104	1272	58
* 78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 24"	FOOT	226		43	129	54
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	171509	2750	12450	149018	7291
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	20800	240	1560	18140	860
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	290				290
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	226		43	129	54

* SPECIALTY ITEMS

	USER NAME = CHAMLIN	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - DS	REVISED -					*	(7X-3, 7R2, 6R-2) RS-1 & 92RS-3	**	30	4
		CHECKED - BD	REVISED -					CONTRACT NO. 66R31				
	PLOT DATE = 02/03/2025	DATE -	REVISED -		SCALE:	SHEET 2	OF 3 SHEETS	STA.	TO STA.	ILLINOIS	FED.AID PROJECT	

*FAS 298(OR66) & SBI 4 (BREWSTER RD.)

**GRUNDY AND LIVINGSTON

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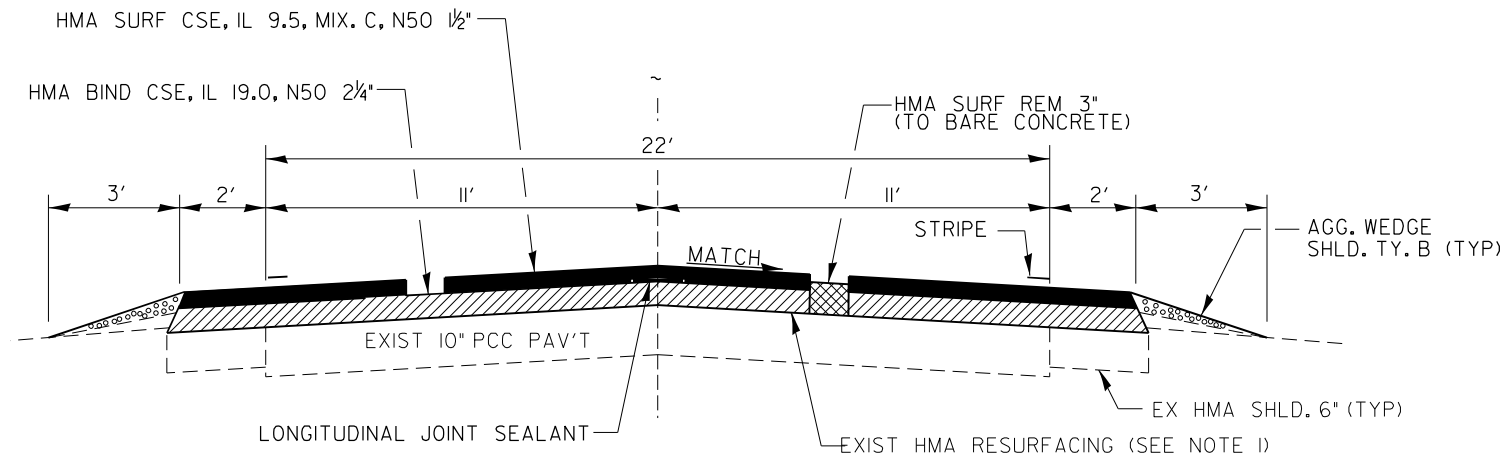
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	LIVINGSTON	LIVINGSTION	GRUNDY	GRUNDY
				0005	0005	0005	0005
				OR 66	BREWSTER RD	OR 66	BREWSTER RD
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	524	7	38	459	20
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	19		6	13	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	524	7	38	459	20
X2040805	FURNISHED EXCAVATION (SPECIAL)	CU YD	39			34	5
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1492			1217	275
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	13		4	9	
Ø Z0076600	TRAINEES	HOUR	1000	1000			
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	63	21	21	21	
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1000	1000			
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1			0.9	0.1

* SPECIALTY ITEMS Ø 0042

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		DRAWN - DS	REVISED -					*	(7X-3, 7R2, 6R-2) RS-1 & 92RS-3	**	30	5
		CHECKED - BD	REVISED -					CONTRACT NO. 66R31				
	PLOT DATE = 02/03/2025	DATE -	REVISED -		SCALE:	SHEET 3	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

*FAS 298(OR66) & SBI 4 (BREWSTER RD.)

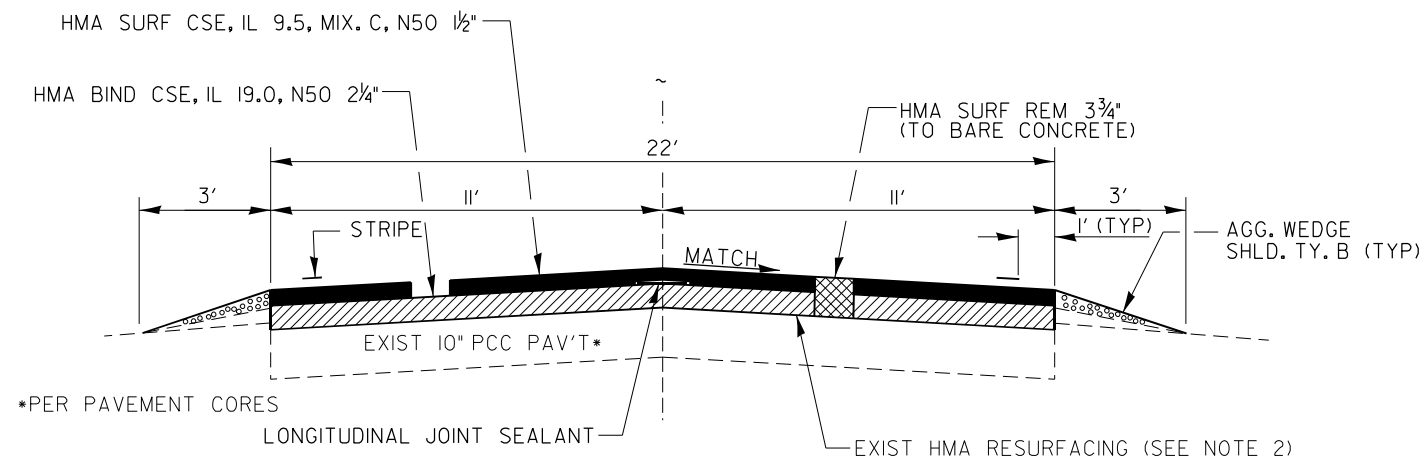
**GRUNDY AND LIVINGSTON



PROPOSED TYPICAL SECTION – OR 66

STA. 17+12 - STA. 64+38*
*STATIONING IS APPROXIMATE. ENGINEER MAY ADJUST IN FIELD

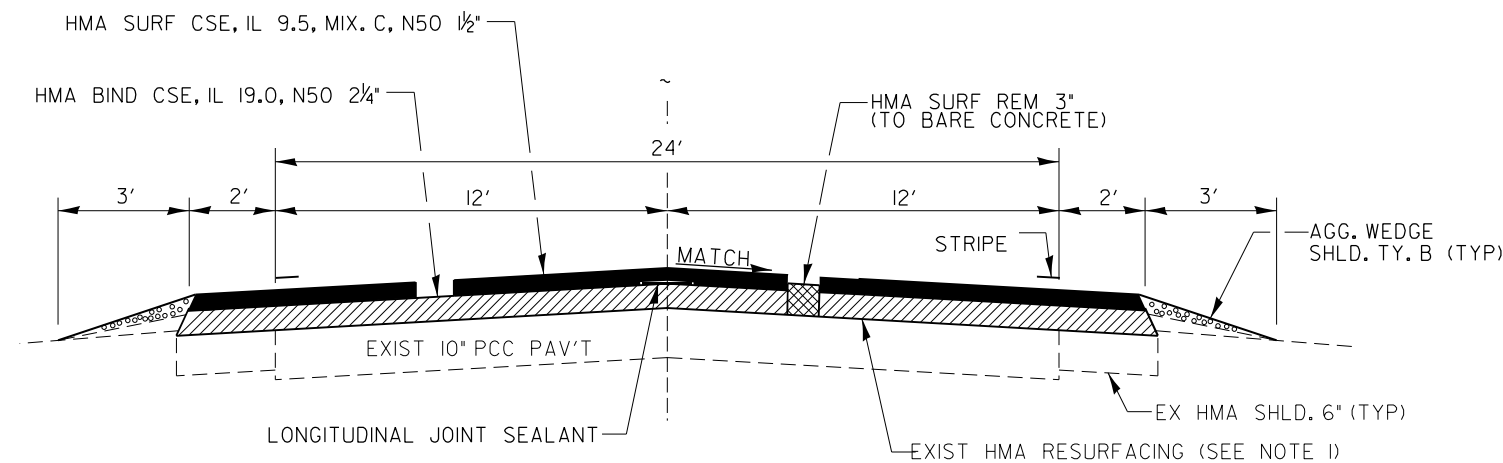
NOTE 1: PER PAVEMENT CORES EXISTING HMA IS ±3"



PROPOSED TYPICAL SECTION – BREWSTER RD

STA. 46+78 - STA. 95+42

NOTE 2: PER PAVEMENT CORES EXISTING HMA IS ±3 3/4"



PROPOSED TYPICAL SECTION – OR 66

STA. 64+38 - STA. 391+86

HMA MIXTURE REQUIREMENT TABLE

LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA	HMA	HMA
	BINDER	SURFACE	INCIDENTAL
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE:		MIXTURE C	MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCP	QCP	QCQA
SUBLOT SIZE:	1000 TONS	1000 TONS	NA
DENSITY TEST METHOD:	CORES	CORES	SATISFACTION OF ENGINEER
MATERIAL TRANSFER DEVICE (REQUIRED):	YES	YES	NO

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3,7R-2,6R-2)RS-1 & 92RS-3	**	30	6
CONTRACT NO. 66R31				
ILLINOIS FED. AID PROJECT			** GRUNDY & LIVINGSTON	

* FAS 298 (OR 66) & SBI 4 (BREWSTER RD)

MAINLINE SCHEDULE

LOCATION			LENGTH	MAINLINE WIDTH	PAVEMENT AREA	HMA SURF REM 3"	HMA SURF REM 3 3/4"	HMA SC IL-9.5 MIX C, N50 (1 1/2")	HMA BC IL-19.0, N50 (2 1/4")	MIX CR JTS & FLANGEWYS	BIT MATLS TACK CT	LONG JOINT SEALANT	TEMP RAMP	AGG WEDGE SHLDS	MATL TRANSFER DEVICE
STA	TO	STA	FOOT	FOOT	SQ YD	SQ YD	SQ YD	TON	TON	TON	POUND	FOOT	SQ YD	TON	TON
STP-RURAL															
OR 66 - GRUNDY CO.															
17+12	TO	18+03.00	91	VARIES	333	333		28	42	0.1	300	91	126	8	70
18+03.00	TO	43+47	2544	26	7349	7349		617	926	2.2	6614	2544		212	1543
43+47	TO	63+83	2036	26	5883	5883		494	741	1.8	5294	2036		173	1235
63+83	TO	64+38	55	VARIES	164	164		14	21	0.1	148	55		5	35
64+38	TO	343+27	27889	28'	86767	86767		7288	10933	26.0	78090	27889		2349	18221
STA 343+27.11 BK= STA 343+13.11AH															
343+13	TO	375+25	3212	28'	9993	9993		839	1259	3.0	8994	3212		270	2098
375+25	TO	381+20	595	VARIES	2056	2056		173	259	0.6	1850	595		46	432
381+20		386+00	480	28'	1493	1493		125	188	0.4	1344	480		37	313
OR 66 - LIVINGSTON CO.															
386+00	TO	391+56	556	28	1735	1735		146	219	0.5	1562	556		47	365
391+56	TO	391+86	30	VARIES	106	106		9	13	0.0	96	30	106	3	22
BREWSTER RD - LIVINGSTON CO.															
46+66	TO	48+70	204	VARIES	1012		1012	85	128	0.4	912	204	448	8	213
48+70	TO	78+07	2937	22'	7180		7180	603	905	2.3	6462	2937		163	1508
BREWSTER RD - GRUNDY CO.															
78+07	TO	93+66	1559	22'	3811		3811	320	480	1.2	3430	1559		61	800
93+66	TO	95+07	141	22'	345		345	29	43	0.2	310	141		8	72
95+07	TO	95+41	34	VARIES	170		170	14	21	0.2	152	34	170	4	35
TOTAL			42,364		128,397	115,879	12,518	10,784	16,178	39	115,558	42,364	850	3,395	26,962

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USER NAME	= CHAMLIN
DESIGNED	-
DRAWN	- JAA
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PLOT DATE	= 02/03/2025
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DESIGNED	-
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REVIS	-
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REVIS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE:	SHEET 1	OF 4	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	7
CONTRACT NO. 66R31				
ILLINOIS			FED. AID PROJECT	

*FAS 298 (OR 66) & SBI 4 (BREWSTER RD)

**GRUNDY & LIVINGSTON

SIDEROAD & ENTRANCE SCHEDULE

LOCATION	OFFSET	STREET NAME	TYPE	MATERIAL	LENGTH	WIDTH AT END	WIDTH AT MAINLINE	AREA	AGG. SC TYPE B	HMA REM - VARIABLE DEPTH	PCC REM - BUTT JOINT	INC HMA SURF	BIT MATLS TACK CT	FURN EXC (SPL)	SEEDING CLASS 2A *	NIT FERT NUTR *	PHOS FERT NUTR *	POT FERT NUTR *	EROS CONT BLKT *
					FOOT	FOOT	FOOT	SQ YD	TON	SQ YD	SQ YD	TON	POUND	CU YD	ACRE	POUND	POUND	POUND	SQ YD
OR 66 - GRUNDY CO.																			
27+63	RT		CE	AGG	10	64	120	136	17										
29+23	LT	S. MAHER ROAD	SR	HMA	30	21	164	338		338		43	152	6	0.010	0.9	0.9	0.9	49
35+07	LT		CE	HMA	10	18	38	31		31		4	14						
38+49	RT		CE	AGG	10	63	110	87	11										
38+52	LT		CE	AGG	10	36	56	51	7										
39+43	RT		CE	AGG	10	62	110	85	11										
44+45	RT		FE	AGG	10	19	40	32	4										
89+59	LT		FE	AGG	10	39	58	54	7										
106+76	LT	S. GORMAN RD.	SR	HMA	30	41	122	219		219		28	98	4	0.007	0.6	0.6	0.6	34
162+52	LT		PE	HMA	10	50	70	66		66		8	30						
181+83	LT		FE	AGG	10	33	54	48	6										
222+45	LT	E. STONEWALL RD.	SR	HMA	30	33	122	202		202		25	91	5	0.008	0.8	0.8	0.8	41
256+13	LT		FE	AGG	10	46	66	63	8										
278+76	LT		FE	AGG	10	19	39	32	4			4							
297+80	LT	E. SCULLY RD	SR	HMA	30	29	99	160		160		20	72	4	0.007	0.7	0.7	0.7	35
329+96	RT	E. OLD MAZON RD	PE	AGG	10	55	75	72	9										
300+36	LT	E. OLD MAZON RD	SR	HMA	30	38	115	201		201		25	91	4	0.007	0.6	0.6	0.6	33
STATION EQUATION 343+27.11 BK = 343+13.11 AH																			
356+82.84	LT	BREWSTER RD	SR	HMA	30	22	103	170				7	76	5	0.008	0.7	0.7	0.7	38
380+86	RT	ALDI RD.	CE	PCC	30	70	183	376			376	47	169	6	0.010	0.9	0.9	0.9	46
BREWSTER - LIVINGSTON CO.																			
54+80	LT		CE	AGG	10	46	65	61	8										
BREWSTER - GRUNDY CO.																			
78+87	RT	E 3300 N RD	SR	HMA	30	54	165	275		275		12	124	5	0.009	0.8	0.8	0.8	43
80+72	LT		PE/CE	AGG	10	610	633	686	88										
87+82	LT		CE	AGG	10	38	58	53	7										
89+04	LT		CE	AGG	10	52	72	69	9										
90+70	LT		CE	AGG	10	117	137	140	18										
TOTALS								3,706	214	1,492	376	223	917	39	0.066	5.9	5.9	5.9	319

* THESE ITEMS INCLUDED IN THE COST OF FURNISHED EXCAVATION (SPECIAL)

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USER NAME = CHAMLIN
PLOT DATE = 02/03/2025

DESIGNED -	REVISED -
DRAWN - JAA	REVISED -
CHECKED - BD	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE:	SHEET 2	OF 4	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	8
CONTRACT NO. 66R31				
ILLINOIS		FED. AID PROJECT		

*FAS 298 (OR 66) & SBI 4 (BREWSTER RD)

**GRUNDY & LIVINGSTON

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FILE NAME: C:\Users\986501-02\DOT - D3 Spring Road Repair Projects\Survey D366R31\Consultant Data\Chamlin_2024\CAD_Sheets\D366R31-1sh-schedule.dgn

PAVEMENT MARKING SCHEDULE							
LOCATION	MODIFIED URETHANE*				PREFORMED PLASTIC TYPE D	GROOVING FOR RECESSED PAVEMENT MARKING	RAISED REFL PAVEMENT MARKER
	4"	4"	6"	12"	24"		
	WHITE	YELLOW	YELLOW	WHITE	WHITE		
STA. TO STA.	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH
OR 66 - GRUNDY CO.							
17+12 - 23+10							
EDGE LINE	2392						
NO PASSING ZONE		2392					7
23+10 - 29+50							
EDGE LINE	2160						
CENTERLINE - SB			320				8
NO PASSING ZONE - NB		1280					
S. MAHER RD.							
STOP BAR					12	12	
29+50 343+27.11							
EDGE LINE	124070						
CENTERLINE			15680				392
S. GORMAN RD.							
STOP BAR					24	24	
NO PASSING ZONE		68					
E. STONEWALL RD.							
STOP BAR					17	17	
E. SCULLY RD.							
STOP BAR					14	14	
S. OLD MAZON RD.							
STOP BAR					24	24	
NO PASSING ZONE		76					
STATION EQUATION 343+27.11 BK = 343+13.11 AH							
343+13.11 - 386+00							
EDGE LINE	16580						
CENTERLINE			2140				52
ALDI DR.							
STOP BAR					38	38	
OR 66 - LIVINGSTON CO.							
386+00 - 390+86							
EDGE LINE	1950						
CENTERLINE			240				6
390+86 - 391+86							
EDGE LINE	400						
NO PASSING ZONE		400					1
BREWSTER RD - LIVINGSTON CO.							
46+78 - 48+69.92							
EDGE LINE	820						
STOP BAR					43	43	
CENTERLINE			80				2
48+69.92 - 78+07							
EDGE LINE	11630						
CENTERLINE			1480				36
BREWSTER RD - GRUNDY CO.							
78+07 - 95+55.61							
EDGE LINE	6510						
STOP BAR					12	12	
CENTERLINE			860				20
E. 3300 Rd. N							
EDGE LINE	591						
STOP BAR					42	42	
NO PASSING ZONE		190					
RAILROAD MARKINGS				290			
TOTALS	167103	4406	20800	290	226	226	524

*NOTE: TWO APPLICATIONS

 Chamlin & Associates	USER NAME = CHAMLIN	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JAA	REVISED -						*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	9
		CHECKED - BD	REVISED -						CONTRACT NO. 66R31				
	PLOT DATE = 02/03/2025	DATE -	REVISED -						SCALE:	SHEET 3 OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
	*FAS 298 (OR 66) & SBI 4 (BREWSTER RD)												
**GRUNDY & LIVINGSTON													

SHORT TERM PMK SCHEDULE					
LOCATION			LENGTH	SHORT TERM PAVT MARKING	
				INSTALL (3 APP)	REMOVE (1 APP)
STA	TO	STA	FOOT	FOOT	SQ FT
OR 66 - GRUND COUNTY					
17+12	TO	23+10.00	598	359	40
23+10.00	TO	29+50	640	384	43
29+50	TO	343+27.11	31,377	9,413	1,046
STATION EQUATION STA 343+27.11 BK = STA 343+13.11 AH					
343+13.11	TO	386+00	4,287	1,286	143
OR 66 - LIVINGSTON CO.					
386+00	TO	390+86	486	143	16
390+86	TO	391+86	100	60	7
BREWSTER RD - LIVINGSTON CO.					
46+78	TO	48+69.92	192	56	6
48+69.92		78+07	2,937	881	98
BREWSTER RD - GRUNDY CO.					
78+07	TO	95+56	1,749	525	58
TOTALS			42,366	13,112	1,457

DELINEATOR SCHEDULE				
LOCATION		DELINEATORS*	GUARDRAIL REFLECTORS**	LINEAR PANEL 4 INCH
		INSTALL	INSTALL	INSTALL
STA	SIDE	EACH	EACH	EACH
OR 66 -GRUNDY CO.				
64+10 - 65+60	LT		3	2
104+77	LT	1		
122+74	LT	1		
144+23	LT	1		
221+69	LT	1		
259+65	LT	1		
277+34 - 278+59	LT		3	2
308+13	LT/RT	2		
322+61	RT	1		
323+63	LT	1		
342+31	RT	1		
343+13	LT	1		
376+35 - 380+10	RT		4	3
378+27 - 380+27	LT		3	2
BREWSTER RD. - LIVINGSTON CO.				
47+60 - 50+10	RT		3	2
48+16 - 50+53.50	LT		3	2
65+45	LT/RT	2		
77+58	LT	1		
BREWSTER RD. - GRUNDY CO.				
78+10	RT	1		
TOTAL		15	19	13

*SINGLE FACE REFLECTOR POSTS TO BE USED.

**MONODIRECTIONAL CRYSTAL REFLECTORS TO BE USED.

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FILE NAME: C:\Users\66501-02\DOT - D3 Spring Road Repair Projects\Survey D366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\D366R31-ahh-schedule.dgn

CLASS B PATCHING OLD ROUTE 66			
LOCATION STATION	SOUTHBOUND		
	TYPE II	DOWEL BARS	SAW CUTS
	SQ YD	EACH	FOOT
17+20	7	18	45
23+60	7	18	45
24+18	7	18	45
24+38	7	18	45
24+68	10	18	49
25+20	7	18	45
25+65	7	18	45
26+25	7	18	45
26+68	7	18	45
26+90	7	18	45
27+20	10	18	49
27+65	7	18	45
28+20	10	18	49
28+90	12	18	53
29+70	12	18	53
30+20	10	18	49
30+40	7	18	45
30+70	12	18	53
31+20	7	18	45
32+20	7	18	45
33+20	7	18	45
33+60	12	18	53
33+70	7	18	45
34+50	7	18	45
34+70	7	18	45
35+15	7	18	45
35+70	10	18	49
37+00	7	18	45
39+20	7	18	45
39+70	7	18	45
65+80	8	20	48
81+55	8	20	48
81+80	8	20	48
85+80	8	20	48
89+75	8	20	48
91+75	8	20	48
96+76	8	20	48
100+77	8	20	48
103+80	8	20	48
106+80	13	20	56
111+75	8	20	48
113+75	8	20	48
117+75	8	20	48
125+77	8	20	48
129+78	8	20	48
136+75	8	20	48
SB TOTALS	384	860	2178

NOTE: 7 SQ YD PATCHES = 11' X 6'
10 SQ YD PATCHES = 11' X 8'
12 SQ YD PATCHES = 11' X 10'
8 SQ YD PATCHES = 12' X 6'
11 SQ YD PATCHES = 12' X 8'
13 SQ YD PATCHES = 12'X10'

CLASS B PATCHING OLD ROUTE 66			
LOCATION STATION	SOUTHBOUND		
	TYPE II	DOWEL BARS	SAW CUTS
	SQ YD	EACH	FOOT
140+75	8	20	48
142+75	8	20	48
145+75	13	20	56
162+75	8	20	48
185+80	11	20	52
197+85	13	20	56
200+80	8	20	48
211+80	8	20	48
212+80	8	20	48
218+80	8	20	48
239+80	8	20	48
243+80	8	20	48
269+80	8	20	48
283+80	13	20	56
286+80	11	20	52
290+80	8	20	48
294+80	8	20	48
311+35	8	20	48
338+00	8	20	48
340+88	8	20	48
350+75	8	20	48
373+70	11	20	52
375+15	8	20	48
375+65	8	20	48
383+00	11	20	52
383+75	11	20	52
384+00	11	20	52
384+90	13	20	56
386+90	11	20	52
388+93	11	20	52
390+25	8	20	48
SB TOTALS	291	620	1552

NOTE: 8 SQ YD PATCHES = 12' X 6'
11 SQ YD PATCHES = 12' X 8'
13 SQ YD PATCHES = 12'X10'

CLASS B PATCHING OLD ROUTE 66			
LOCATION STATION	NORTHBOUND		
	TYPE II	DOWEL BARS	SAW CUTS
	SQ YD	EACH	FOOT
22+00	7	18	45
23+60	10	18	49
24+68	7	18	45
26+25	10	18	49
27+20	7	18	45
27+85	7	18	45
28+20	7	18	45
30+20	7	18	45
30+40	10	18	49
32+20	10	18	49
34+50	10	18	49
35+70	7	18	45
67+35	8	20	48
81+80	11	20	52
91+75	11	20	52
96+76	11	20	52
98+75	8	20	48
106+80	11	20	52
117+75	11	20	52
125+77	11	20	52
129+78	11	20	52
142+75	11	20	52
145+75	11	20	52
162+75	11	20	52
185+80	8	20	48
200+80	11	20	52
214+55	8	20	48
218+80	11	20	52
240+80	8	20	48
256+80	8	20	48
286+80	13	20	56
294+80	11	20	52
300+80	11	20	52
325+80	11	20	52
333+80	11	20	52
338+00	11	20	52
356+75	8	20	48
373+70	13	20	56
374+55	8	20	48
375+15	11	20	52
375+85	8	20	48
381+90	13	20	56
382+40	8	20	48
383+00	8	20	48
383+55	8	20	48
383+75	8	20	48
384+00	8	20	48
384+90	13	20	56
386+90	8	20	48
388+93	8	20	48
NB TOTALS	474	976	2488

NOTE: 7 SQ YD PATCHES = 11' X 6'
10 SQ YD PATCHES = 11' X 8'
8 SQ YD PATCHES = 12' X 6'
11 SQ YD PATCHES = 12' X 8'
13 SQ YD PATCHES = 12'X10'

CLASS B PATCHING BREWSTER ROAD			
LOCATION STATION	SOUTHBOUND		
	TYPE II	DOWEL BARS	SAW CUTS
	SQ YD	EACH	FOOT
49+34	7	18	39
53+23	7	18	39
53+39	12	18	43
87+96	10	18	41
92+50	7	18	39
SB TOTALS	44	90	201

NOTE: 7 SQ YD PATCHES = 11' X 6'
10 SQ YD PATCHES = 11' X 8'
12 SQ YD PATCHES = 11'X10'

CLASS B PATCHING BREWSTER ROAD			
LOCATION STATION	NORTHBOUND		
	TYPE II	DOWEL BARS	SAW CUTS
	SQ YD	EACH	FOOT
50+82	7	18	39
53+23	10	18	41
53+39	13	18	44
55+28	7	18	39
56+70	7	18	39
59+52	7	18	39
61+61	7	18	39
64+18	10	18	41
78+27	10	18	41
79+25	10	18	41
81+58	7	18	39
87+61	7	18	39
87+96	7	18	39
88+81	7	18	39
NB TOTALS	118	252	559

NOTE: 7 SQ YD PATCHES = 11' X 6'
10 SQ YD PATCHES = 11' X 8'
13 SQ YD PATCHES = 11'X11'



USER NAME = CHAMLIN

PLOT DATE = 02/03/2025

DESIGNED -
DRAWN - JAA
CHECKED - BD
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

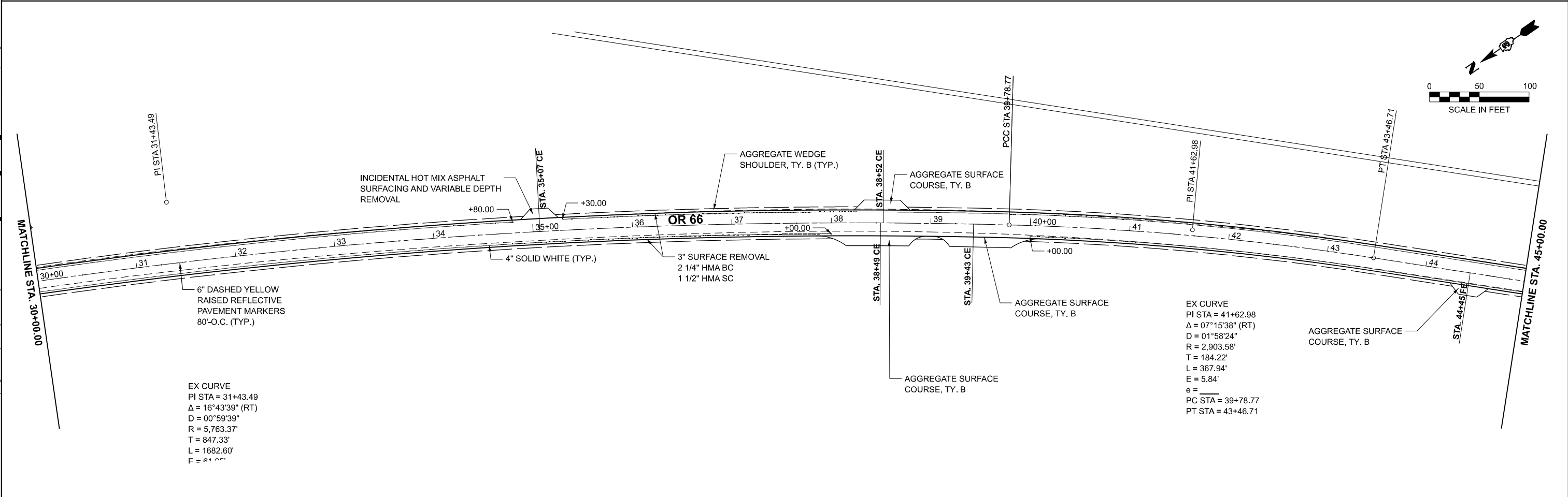
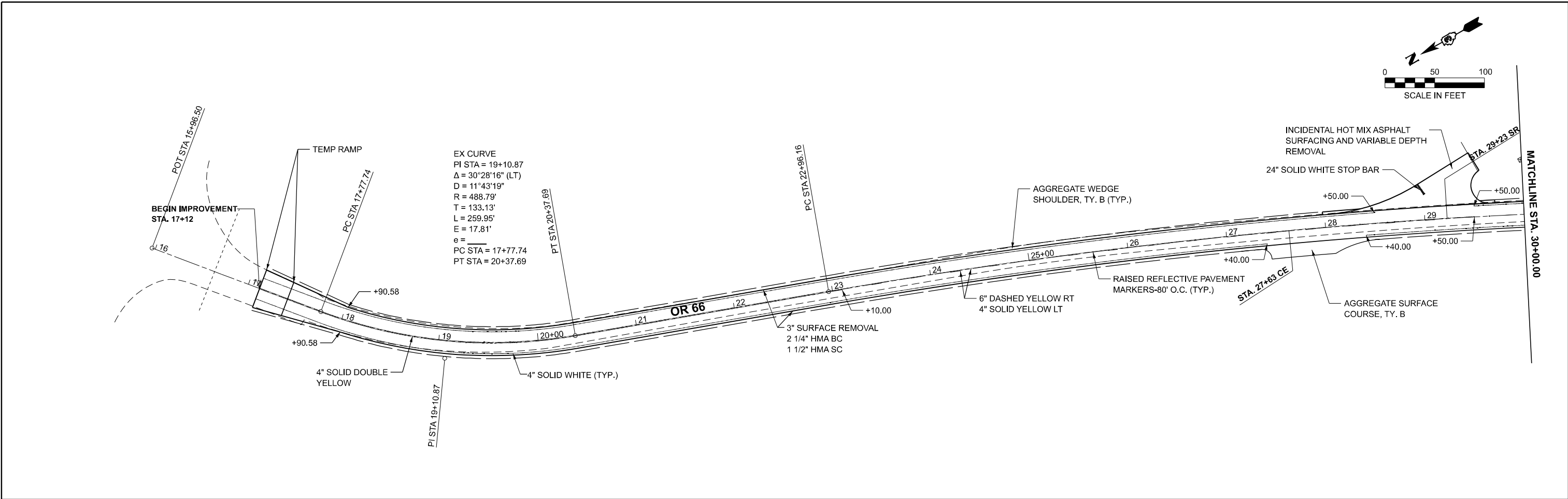
SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	10
CONTRACT NO. 66R31				

*FAS 298 (OR 66) & SBI 4 (BREWSTER RD)

**GRUNDY & LIVINGSTON

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 Chamlin & Associates	USER NAME = Chamlin		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN OR 66					F.A.S. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.																				
			DRAWN - DS		REVISED -			*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3		**		30		11																							
			CHECKED - BD		REVISED -			CONTRACT NO. 66R31																														
	PLOT DATE = 2/5/2025		DATE -		REVISED -			SCALE: 1"=50'		SHEET 1		OF 15 SHEETS		STA. 15+00.00		TO STA. 45+00.00		ILLINOIS		FED. AID PROJECT																		
																			FAS 298 (OR 66) & SBI 4 (BREWSTER RD)*										GRUNDY AND LIVINGSTON**									

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USER NAME	= Chamlin	DESIGNED	-	REVISED	-
		DRAWN	- DS	REVISED	-
		CHECKED	- BD	REVISED	-
PLOT DATE	= 2/5/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

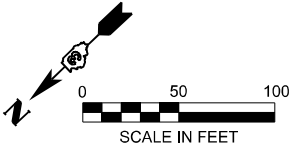
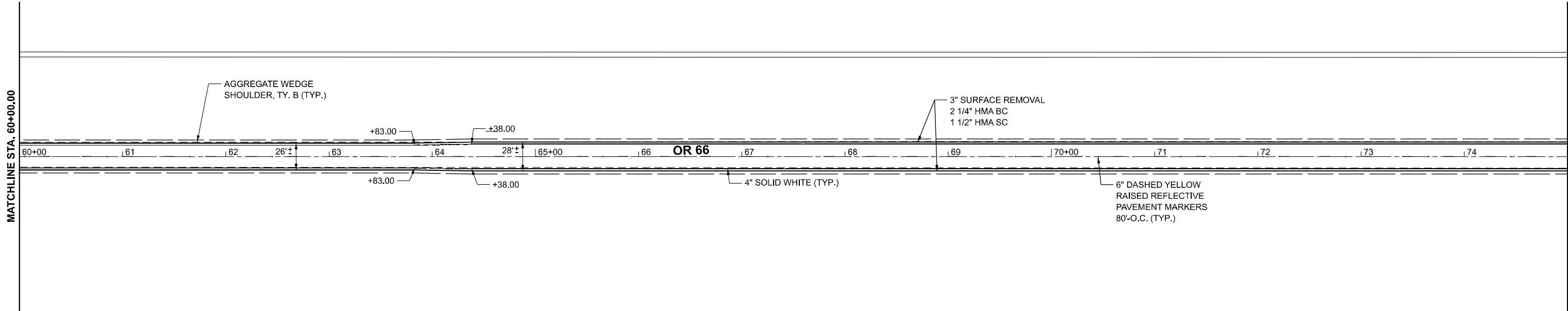
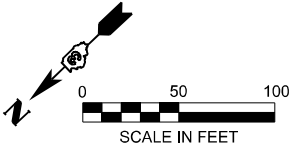
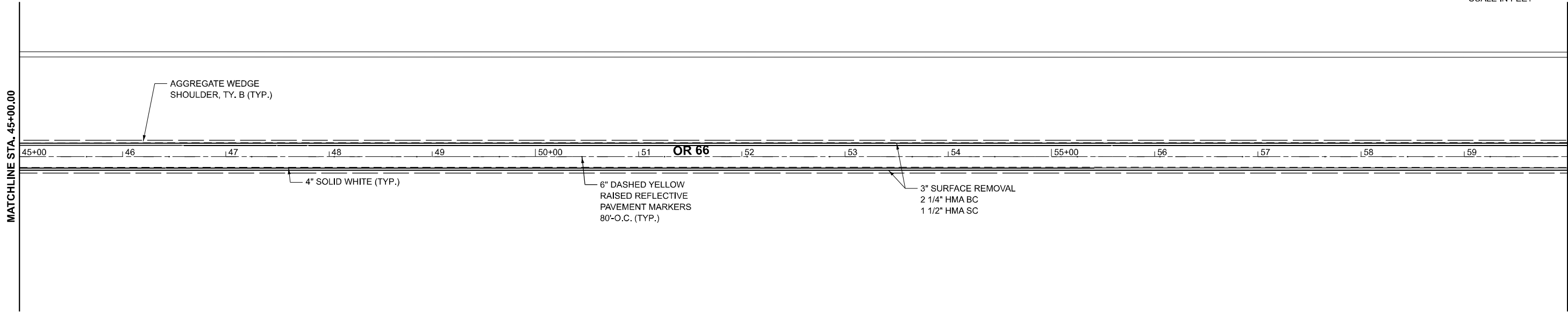
PLAN
OR 66

SCALE: 1"=50' SHEET 2 OF 15 SHEETS STA. 45+00.00 TO STA. 75+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	12
CONTRACT NO. 66R31				
ILLINOIS FED. AID PROJECT				

FAS 298 (OR 66) & SBI 4 (BREWSTER RD)*

GRUNDY AND LIVINGSTON**



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USER NAME	= Chamlin	DESIGNED	-	REVISED	-
		DRAWN	- DS	REVISED	-
		CHECKED	- BD	REVISED	-
PLOT DATE	= 2/5/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

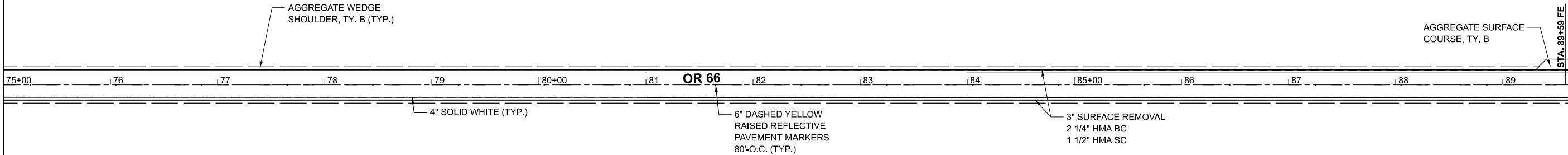
PLAN
OR 66

SCALE: 1"=50' SHEET 3 OF 15 SHEETS STA. 75+00.00 TO STA. 105+00.00

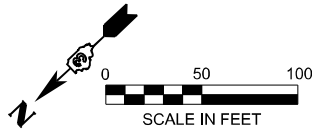
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	13
CONTRACT NO. 66R31				

ILLINOIS | FED. AID PROJECT
GRUNDY AND LIVINGSTON**

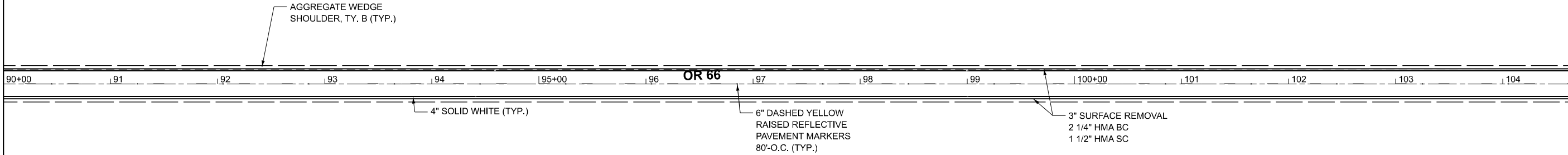
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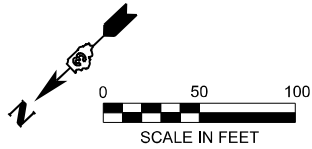
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MATCHLINE STA. 90+00.00



MATCHLINE STA. 105+00.00



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USER NAME	= Chamlin	DESIGNED	-	REVISED	-
		DRAWN	- DS	REVISED	-
		CHECKED	- BD	REVISED	-
PLOT DATE	= 2/5/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

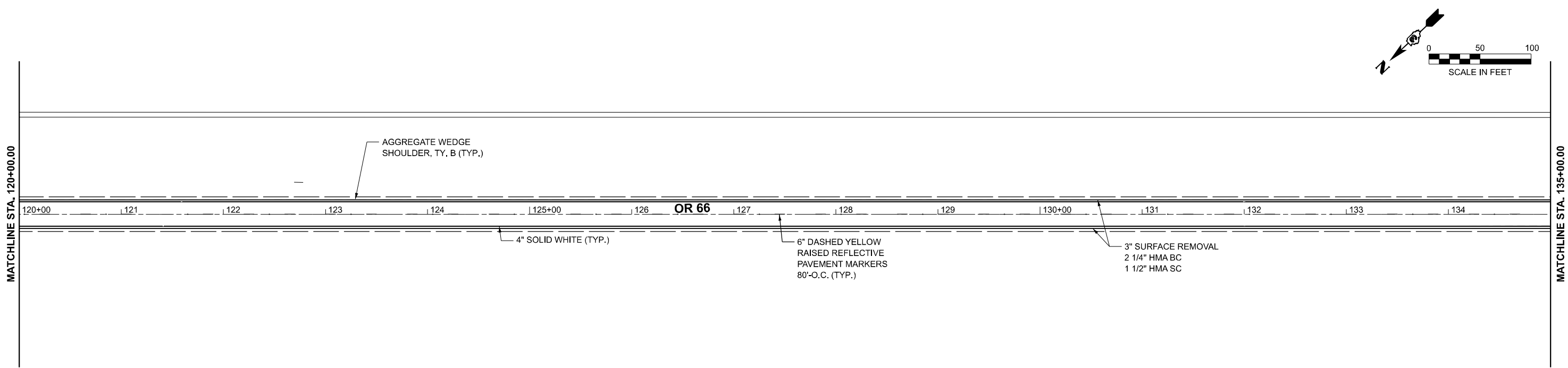
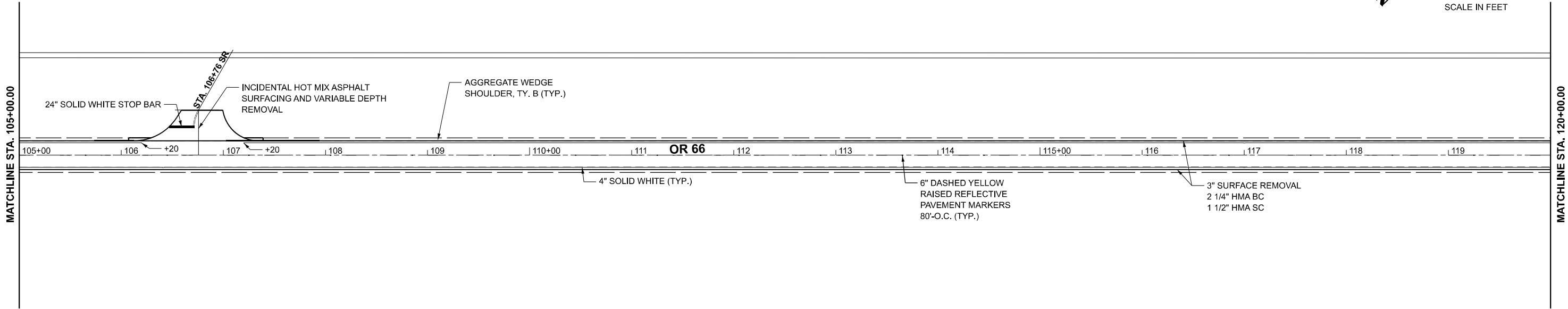
PLAN
OR 66

SCALE: 1"=50'	SHEET 4	OF 15 SHEETS	STA. 105+00.00	TO STA. 135+00.00
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	14
CONTRACT NO. 66R31				
ILLINOIS		FED. AID PROJECT		

FAS 298 (OR 66) & SBI 4 (BREWSTER RD)

GRUNDY AND LIVINGSTON**



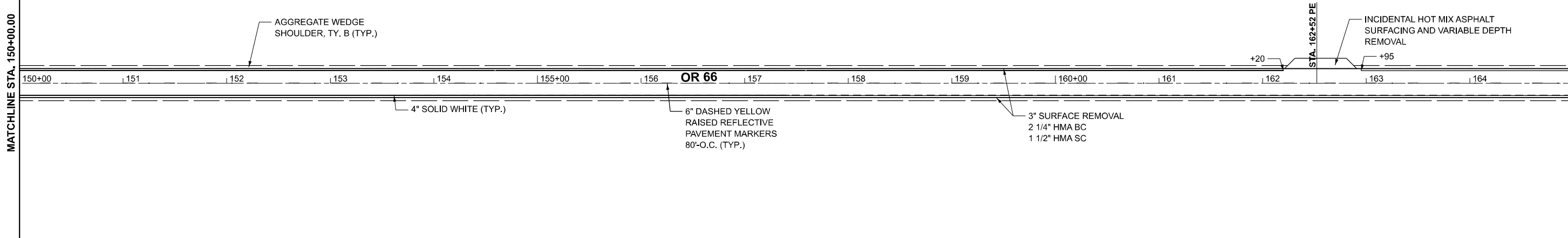
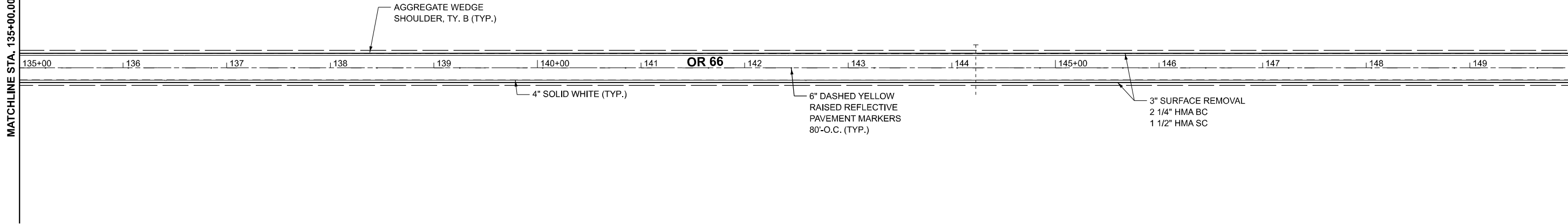
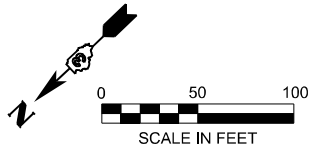
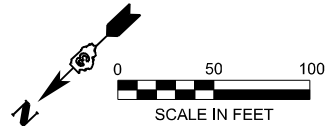
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MATCHLINE STA. 135+00.00

MATCHLINE STA. 150+00.00

MATCHLINE STA. 150+00.00

MATCHLINE STA. 165+00.00



USER NAME = Chamlin	DESIGNED -	REVISED -
	DRAWN - DS	REVISED -
	CHECKED - BD	REVISED -
PLOT DATE = 2/5/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN
OR 66

SCALE: 1"=50' SHEET 5 OF 15 SHEETS STA. 135+00.00 TO STA. 165+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	15
CONTRACT NO. 66R31				

ILLINOIS | FED. AID PROJECT

GRUNDY AND LIVINGSTON**

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USER NAME	= Chamlin	DESIGNED	-	REVISED	-
		DRAWN	- DS	REVISED	-
		CHECKED	- BD	REVISED	-
PLOT DATE	= 2/5/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN
OR 66

SCALE: 1"=50' SHEET 6 OF 15 SHEETS STA. 165+00.00 TO STA. 195+00.00

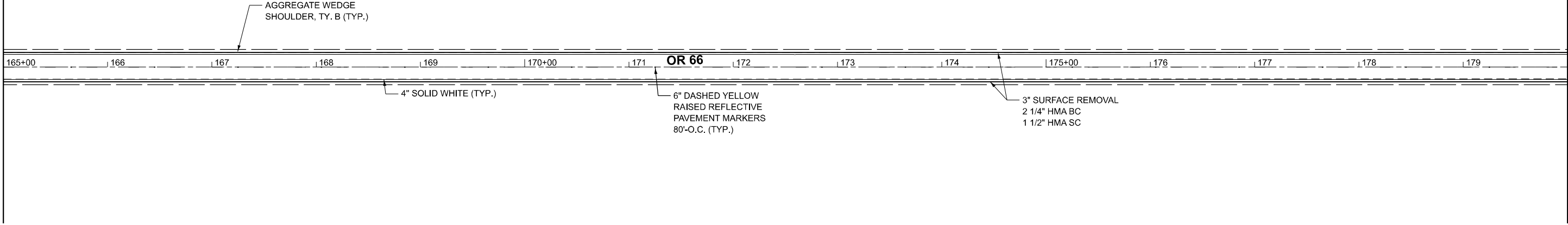
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	16
CONTRACT NO. 66R31				

ILLINOIS FED. AID PROJECT

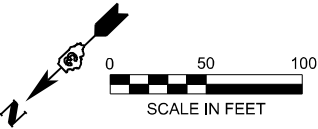
FAS 298 (OR 66) & SBI 4 (BREWSTER RD)*

GRUNDY AND LIVINGSTON**

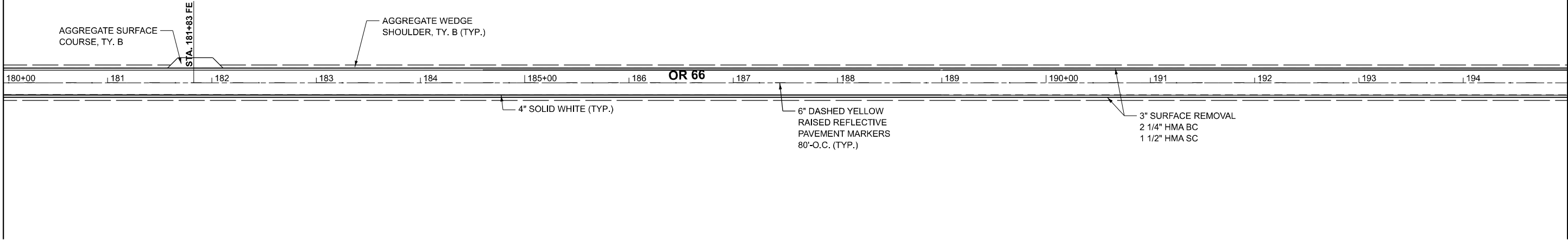
MATCHLINE STA. 165+00.00



MATCHLINE STA. 180+00.00



MATCHLINE STA. 180+00.00



MATCHLINE STA. 195+00.00

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USER NAME	= Chamlin	DESIGNED	-	REVISED	-
		DRAWN	- DS	REVISED	-
		CHECKED	- BD	REVISED	-
PLOT DATE	= 2/5/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

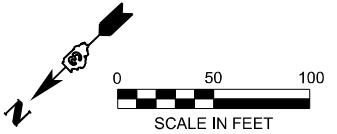
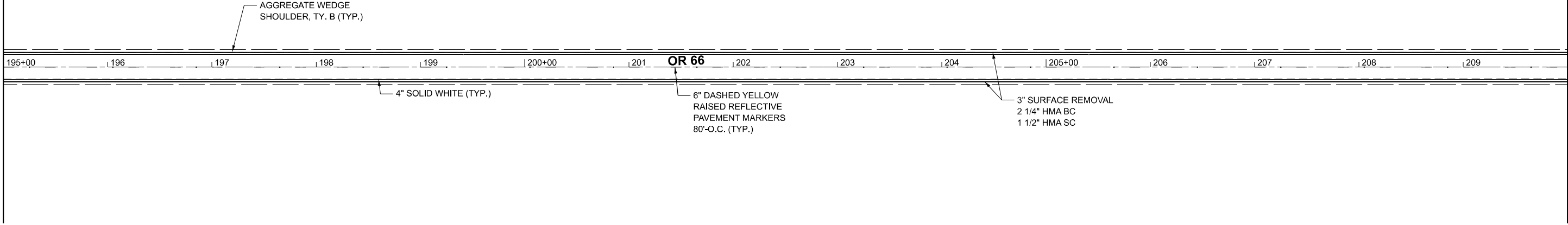
PLAN
OR 66

SCALE: 1"=50' SHEET 7 OF 15 SHEETS STA. 195+00.00 TO STA. 225+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	17
CONTRACT NO. 66R31				

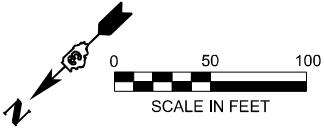
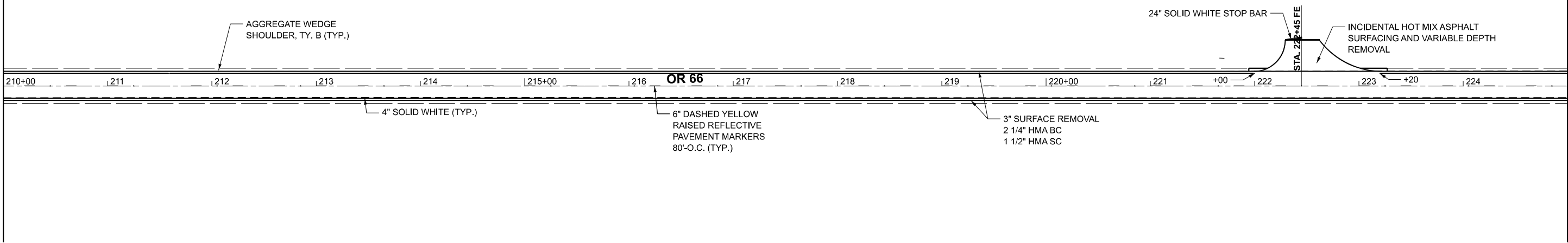
ILLINOIS | FED. AID PROJECT | GRUNDY AND LIVINGSTON**

MATCHLINE STA. 195+00.00



MATCHLINE STA. 210+00.00

MATCHLINE STA. 210+00.00



MATCHLINE STA. 225+00.00

MODEL: EXCL_OR66 - Plan 15 [Sheet]
FILE NAME: G:\Users\66650\OneDrive\Projects\Survey\366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\366R31-sbh-plan.dgn



USER NAME	= Chamlin	DESIGNED	-	REVISED	-
		DRAWN	- DS	REVISED	-
		CHECKED	- BD	REVISED	-
PLOT DATE	= 2/5/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN
OR 66

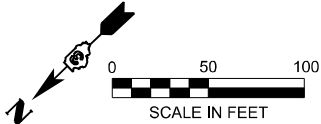
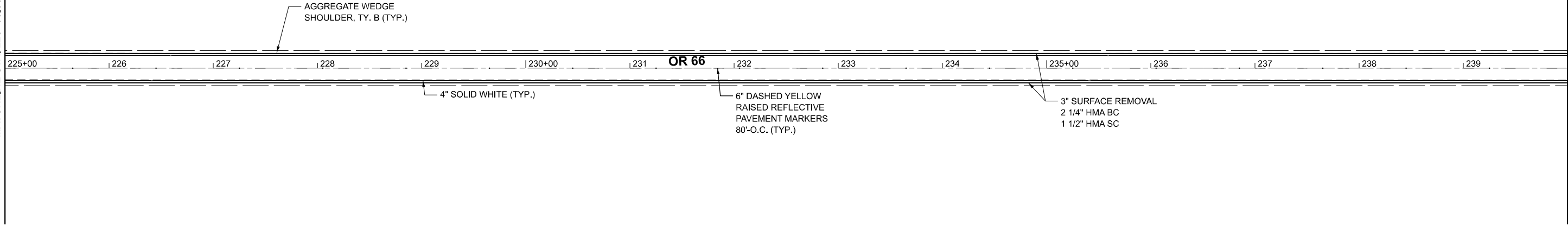
SCALE: 1"=50' SHEET 8 OF 15 SHEETS STA. 225+00.00 TO STA. 255+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	18
CONTRACT NO. 66R31				

ILLINOIS | FED. AID PROJECT

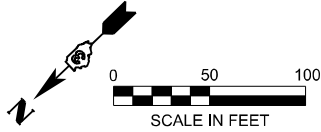
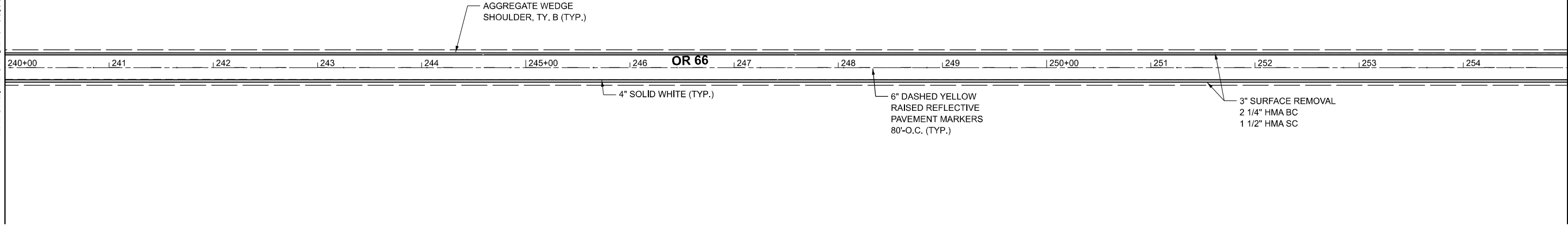
GRUNDY AND LIVINGSTON**

MATCHLINE STA. 225+00.00



MATCHLINE STA. 240+00.00

MATCHLINE STA. 240+00.00



MATCHLINE STA. 255+00.00

MODEL: EXCL_OR66 - Plan 17 (Sheet)
FILE NAME: G:\Users\666501-02\DOT - D3 Spring Road Repair Projects\Survey D366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\D366R31-sbh-plan.dgn



USER NAME	= Chamlin	DESIGNED	-	REVISED	-
		DRAWN	- DS	REVISED	-
		CHECKED	- BD	REVISED	-
PLOT DATE	= 2/5/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

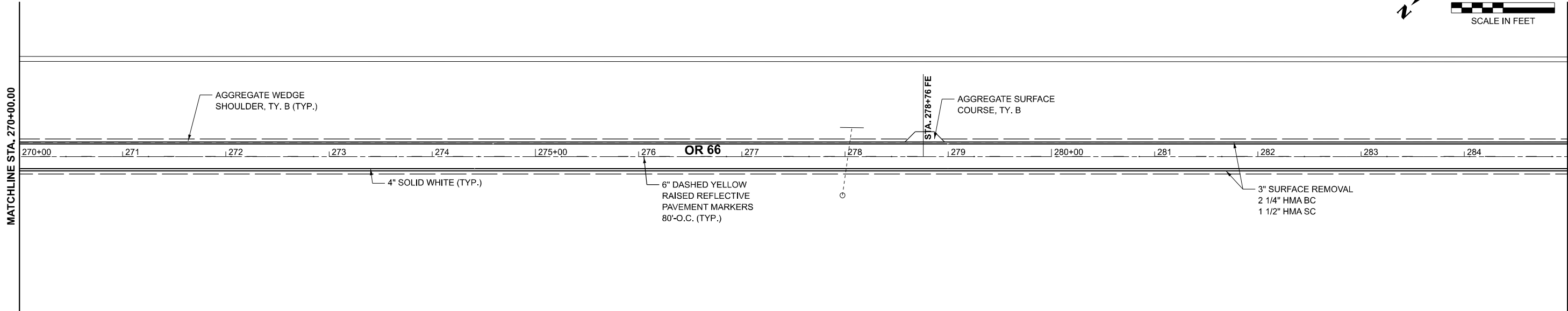
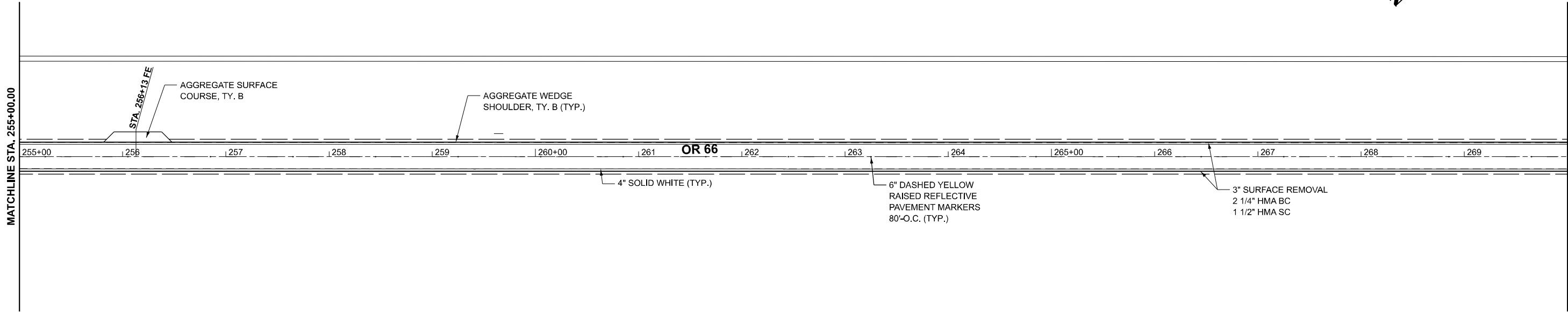
PLAN
OR 66

SCALE: 1"=50' SHEET 9 OF 15 SHEETS STA. 255+00.00 TO STA. 285+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	19
CONTRACT NO. 66R31				

ILLINOIS FED. AID PROJECT

GRUNDY AND LIVINGSTON**



MODEL: EXCL_OR66 - Plan 19 [Sheet]
FILE NAME: G:\Users\66650102\DOT - D3 Spring Road Repair Projects\Survey D366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\D366R31-sbh-plan.dgn



USER NAME	= Chamlin	DESIGNED	-	REVISED	-
		DRAWN	- DS	REVISED	-
		CHECKED	- BD	REVISED	-
PLOT DATE	= 2/5/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

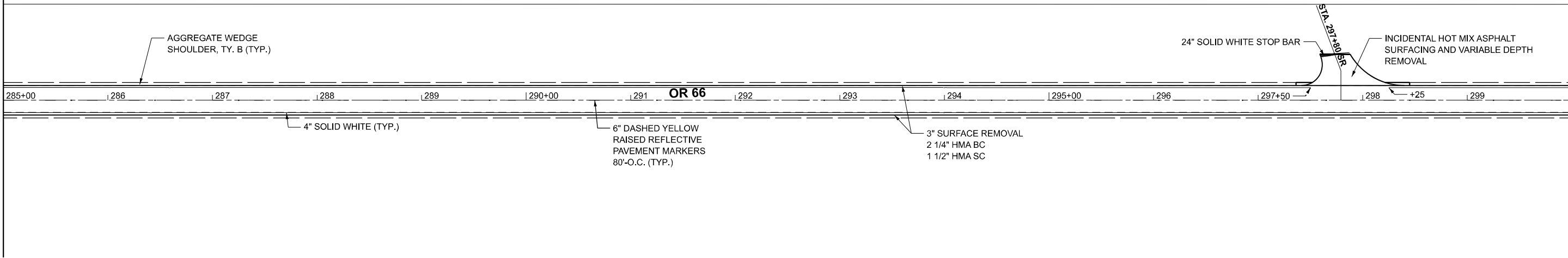
PLAN
OR 66

SCALE: 1"=50' SHEET 10 OF 15 SHEETS STA. 285+00.00 TO STA. 315+00.00

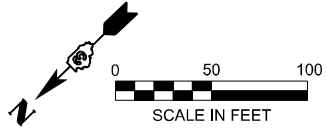
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	20
CONTRACT NO. 66R31				

ILLINOIS FED. AID PROJECT GRUNDY AND LIVINGSTON**

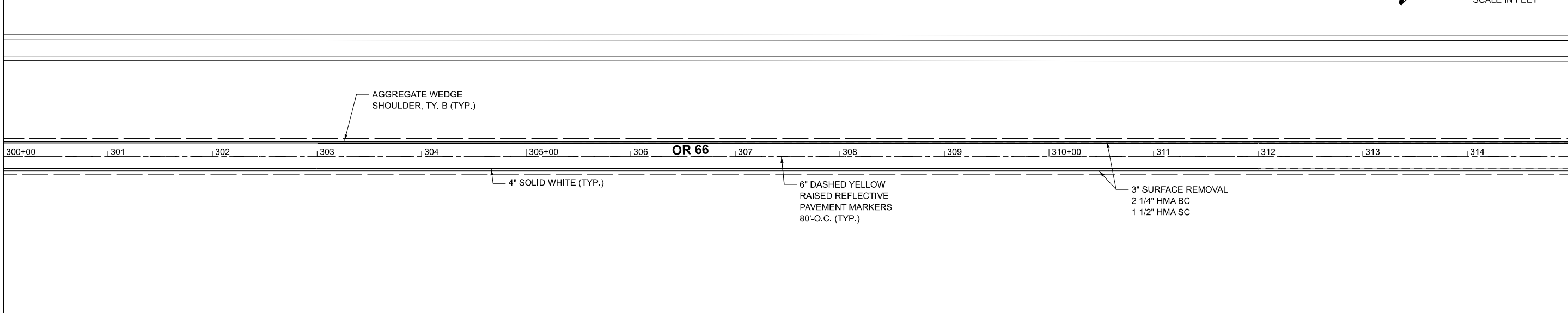
MATCHLINE STA. 285+00.00



MATCHLINE STA. 300+00.00



MATCHLINE STA. 300+00.00



MATCHLINE STA. 315+00.00

MODEL: EXCL_OR66 - Plan 21 [Sheet]
FILE NAME: G:\Users\666501-02\DOT - D3 Spring Road Repair Projects\Survey D366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\D366R31-srh-plan.dgn



USER NAME = Chamlin	DESIGNED -	REVISED -
	DRAWN - DS	REVISED -
	CHECKED - BD	REVISED -
PLOT DATE = 2/5/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

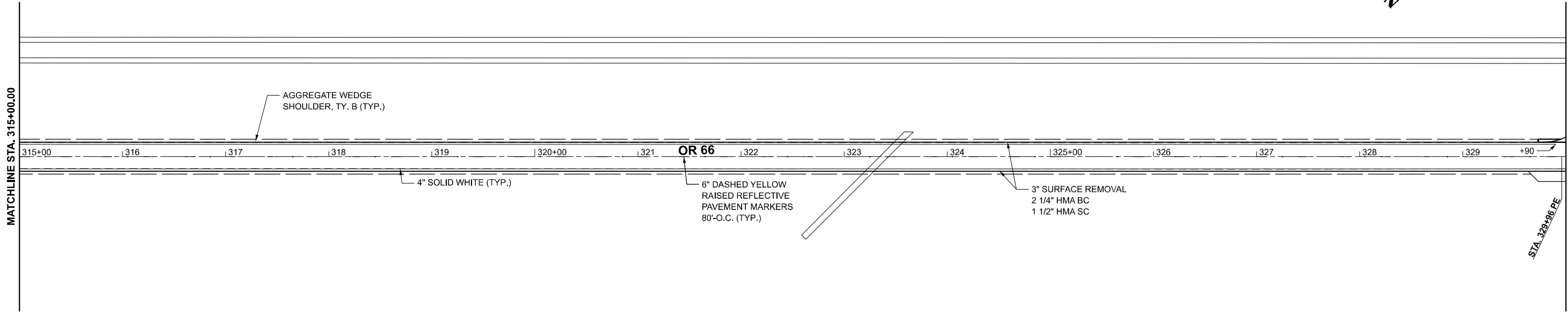
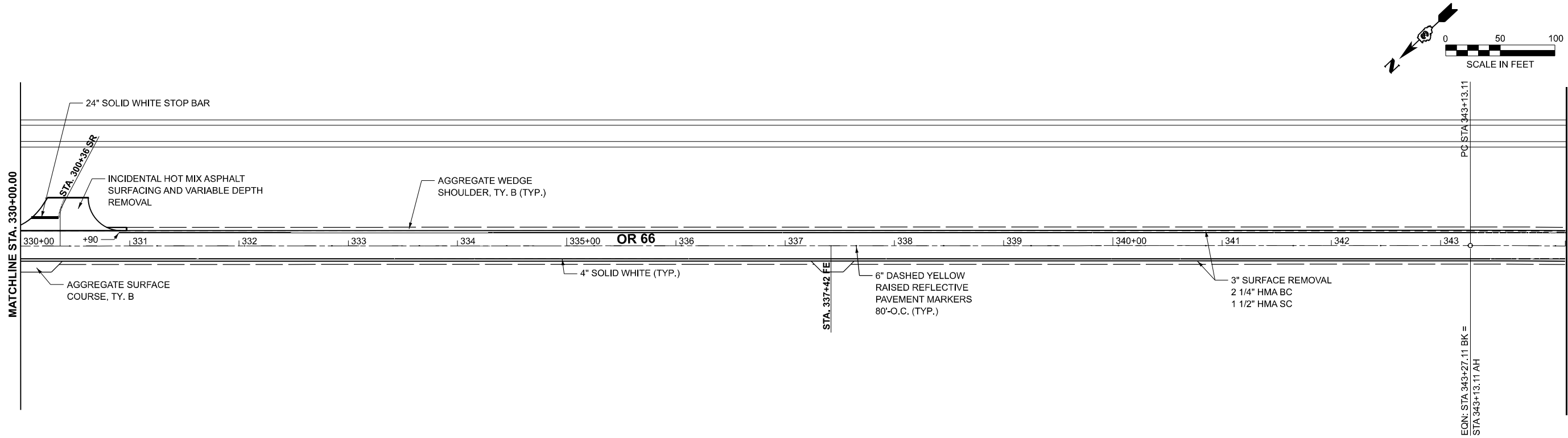
PLAN
OR 66

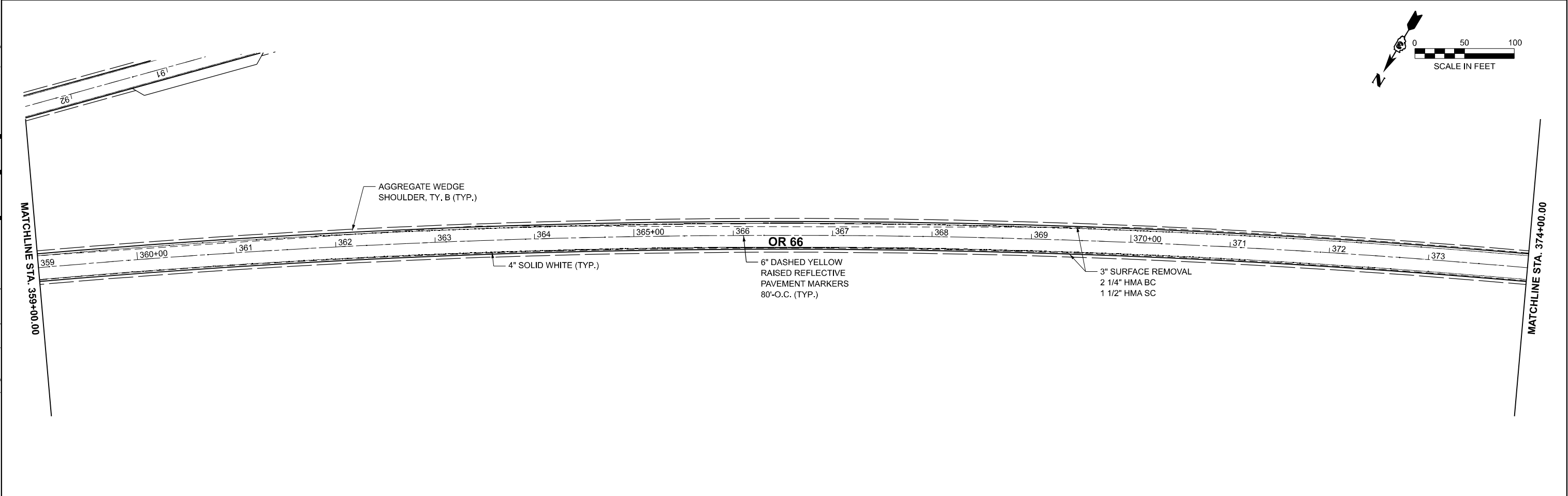
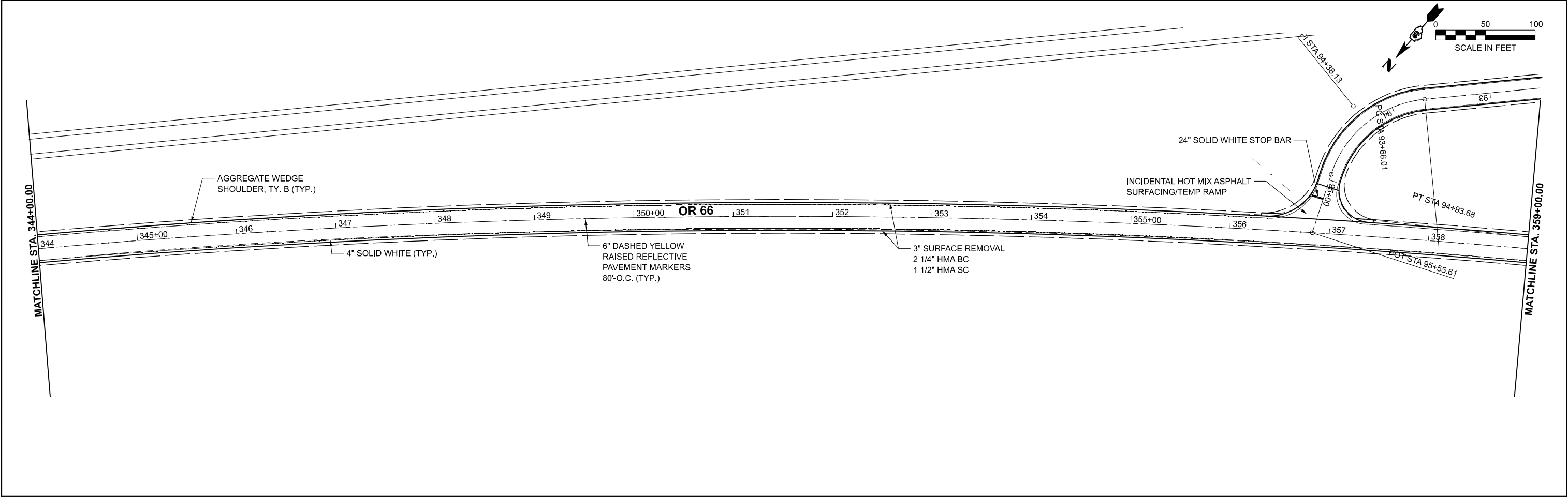
SCALE: 1"=50' SHEET 11 OF 15 SHEETS STA. 315+00.00 TO STA. 344+00.00 R2

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	21
CONTRACT NO. 66R31				

ILLINOIS FED. AID PROJECT

GRUNDY AND LIVINGSTON**

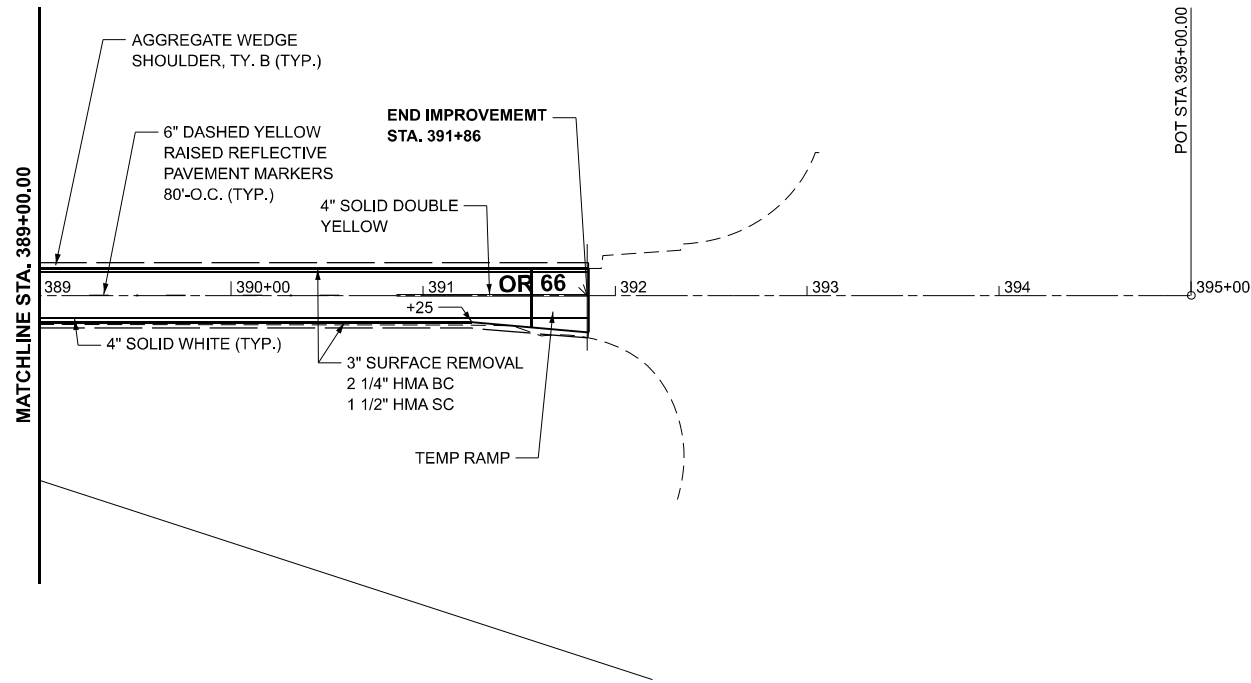
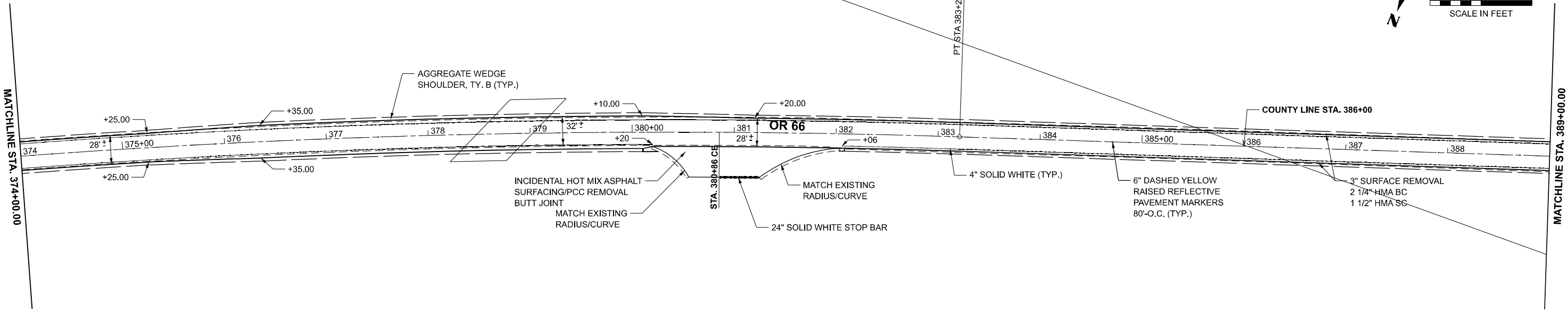




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FILE NAME: G:\Users\666501-02\DOT - D3 Spring Road Repair Projects\Survey\366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\366R31-shh-plan.dgn

 Chamlin & Associates	USER NAME = Chamlin		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN OR 66				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - DS	REVISED -						*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	22
			CHECKED - BD	REVISED -		CONTRACT NO. 66R31								
	PLOT DATE = 2/5/2025		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
						SCALE: 1"=50' SHEET 12 OF 15 SHEETS STA. 344+00.00 R2 TO STA. 374+00.00 R2								

MODEL: EXCL_OR66 - Plan 25 [Sheet]
FILE NAME: G:\Users\666501-02\DOT - D3 Spring Road Repair Projects\Survey\366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\366R31-shh-plan.dgn



USER NAME = Chamlin
PLOT DATE = 2/5/2025

DESIGNED -
DRAWN - DS
CHECKED - BD
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN
OR 66

SCALE: 1"=50' SHEET 13 OF 15 SHEETS STA. 374+00.00 R2 TO STA. 404+00.00 R2

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	23
CONTRACT NO. 66R31				

MODEL: Excl_Brewster - Plan 27 (Sheet)
FILE NAME: G:\Users\6650\102-IDOT - D3 Spring Road Repair Projects\Survey D366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\D366R31-shh-plan.dgn



USER NAME	= Chamlin
DESIGNED	-
DRAWN	- DS
CHECKED	- BD
DATE	-
PLOT DATE	= 2/5/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

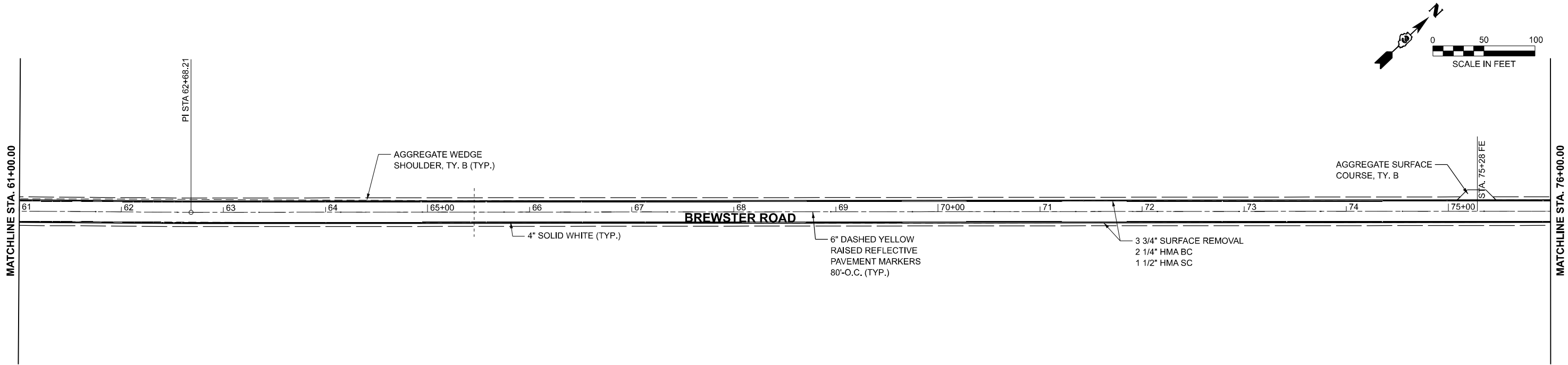
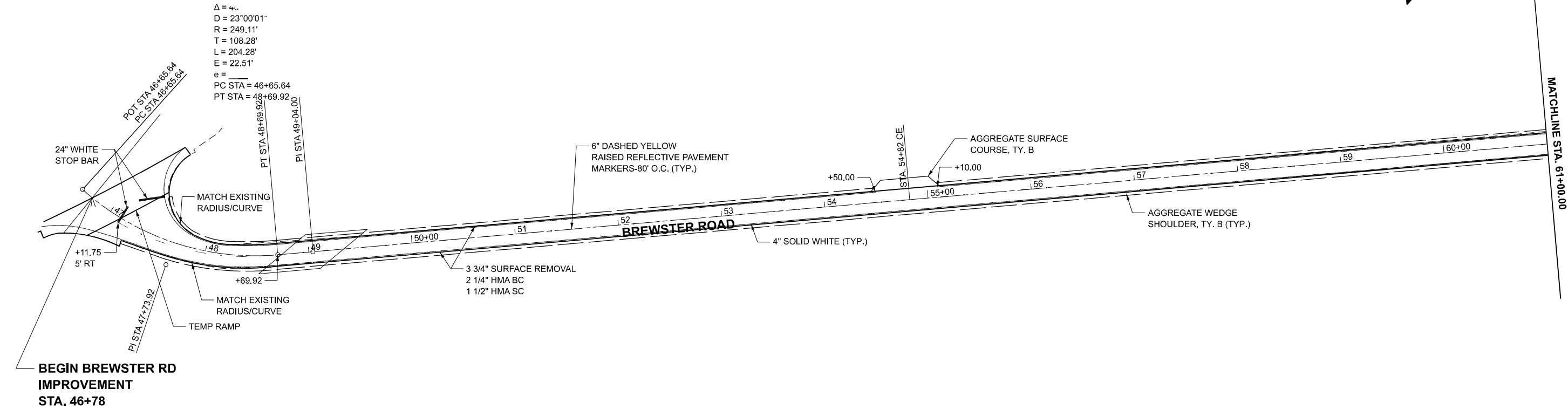
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN
BREWSTER ROAD

SCALE: 1"=50'	SHEET 14	OF 15 SHEETS	STA. 46+00.00	TO STA. 76+00.00
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	24
CONTRACT NO. 66R31				

ILLINOIS FED. AID PROJECT
GRUNDY AND LIVINGSTON**



MODEL: EXCL_Brewster - Plan 2d (Sheet)
FILE NAME: G:\Users\6650\102-IDOT - D3 Spring Road Repair Projects\Survey D366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\D366R31-shh-plan.dgn



USER NAME	= Chamlin	DESIGNED -	REVISED -
		DRAWN - DS	REVISED -
		CHECKED - BD	REVISED -
PLOT DATE	= 2/5/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

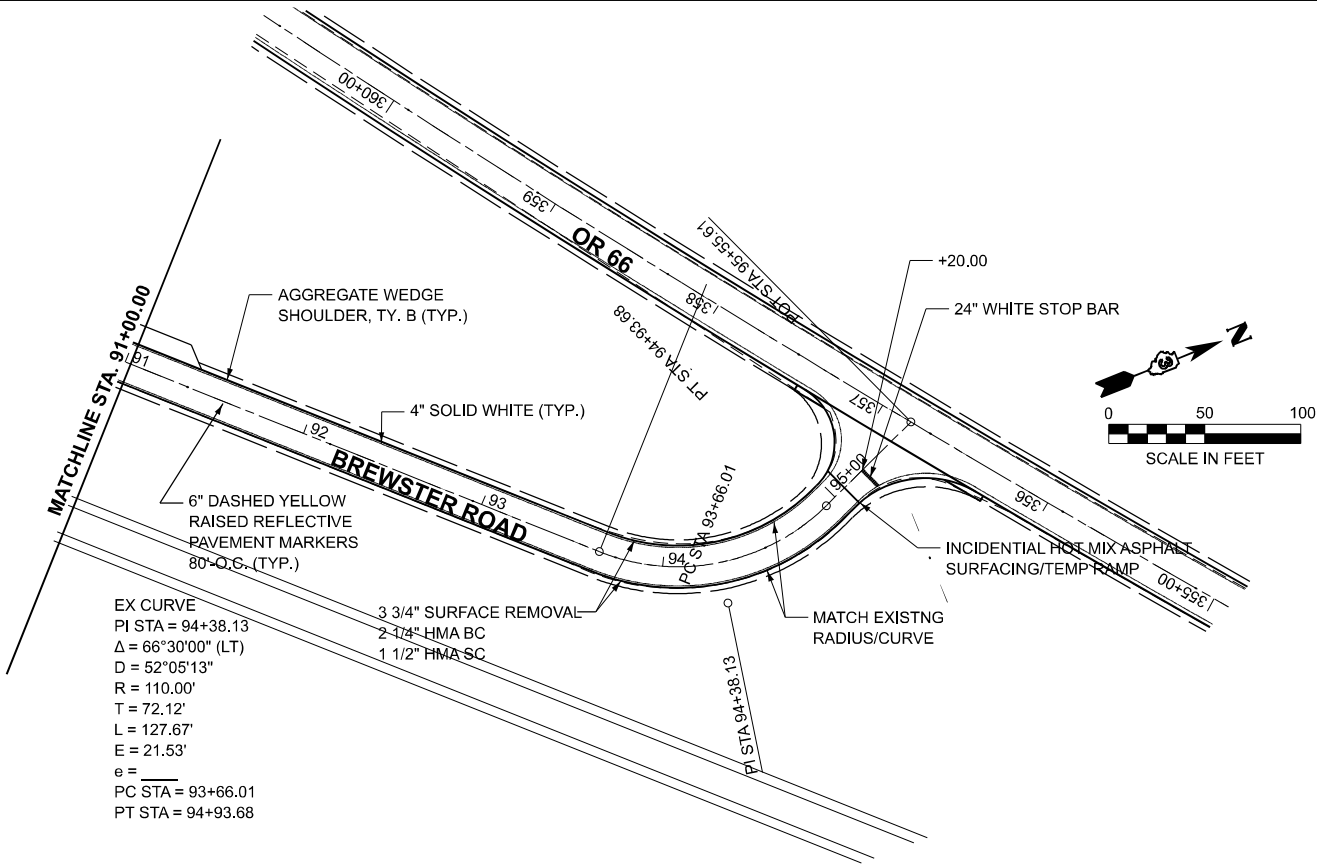
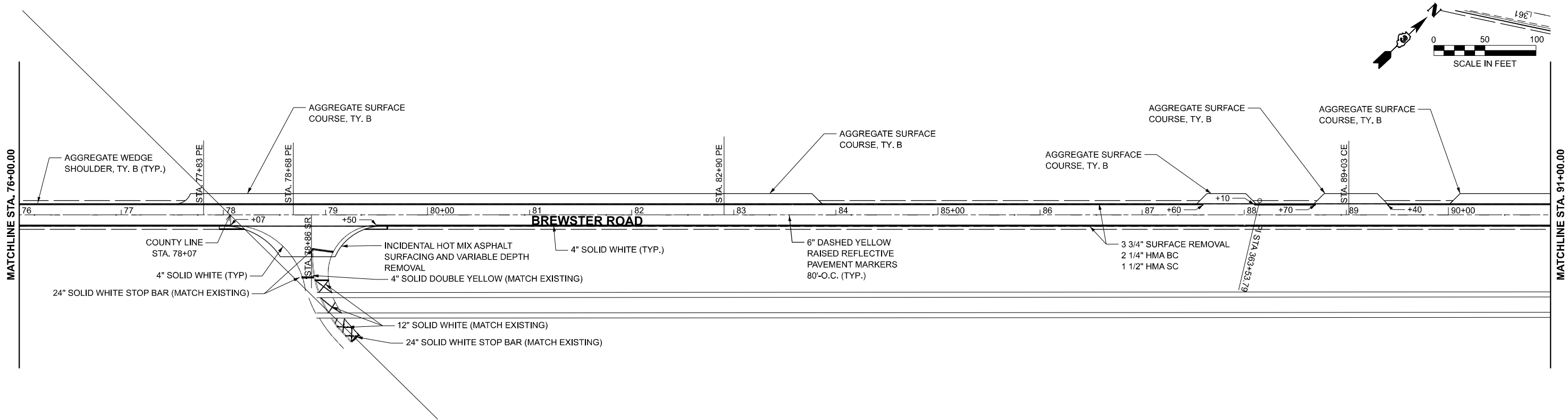
PLAN AND PROFILE
BREWSTER ROAD

SCALE: 1"=50' SHEET 15 OF 15 SHEETS STA. 76+00.00 TO STA. 96+00.00

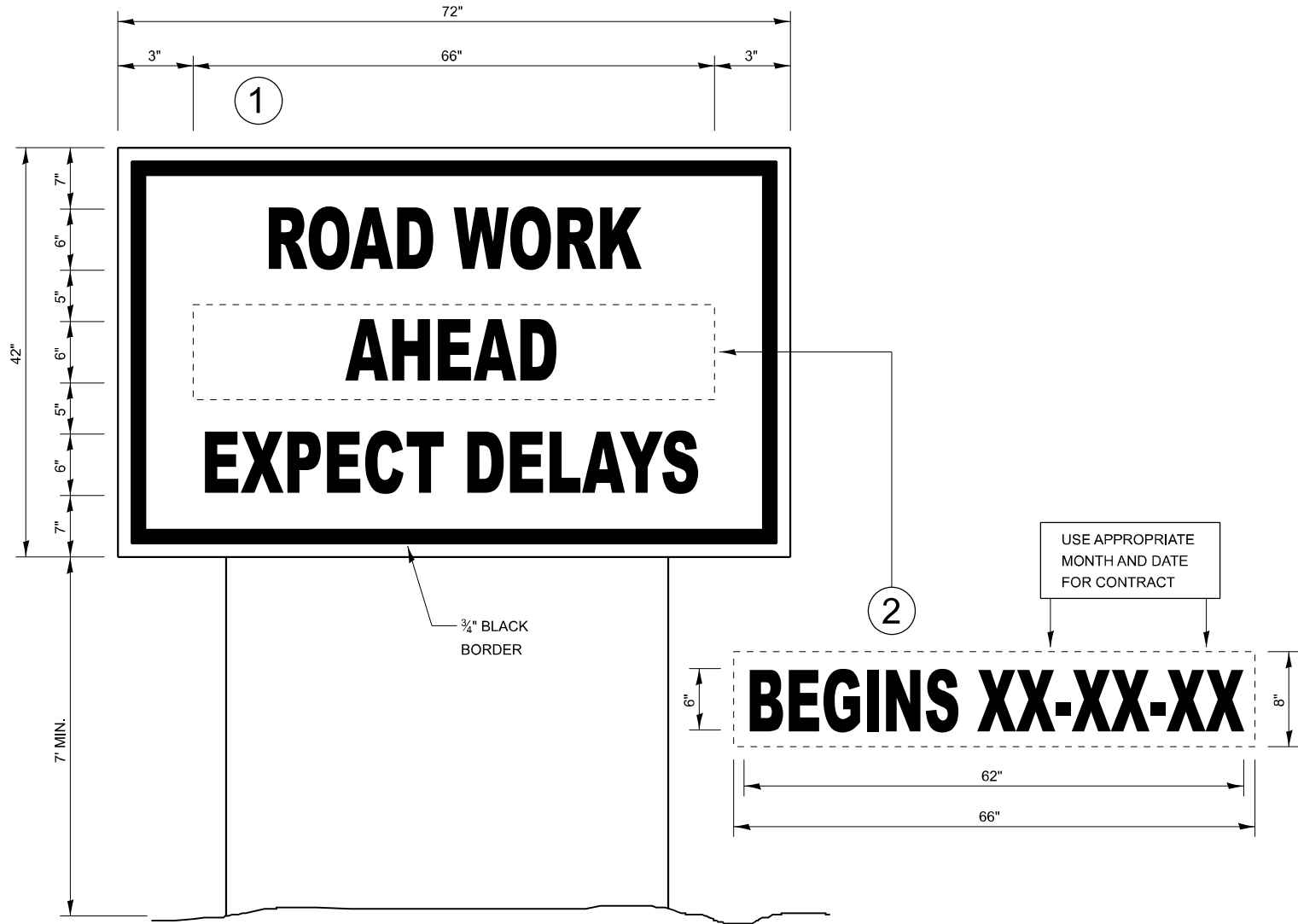
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3, 7R-2, 6R-2)RS-1 & 92RS-3	**	30	25
CONTRACT NO. 66R31				
ILLINOIS		FED. AID PROJECT		

FAS 298 (OR 66) & SBI 4 (BREWSTER RD)*

GRUNDY AND LIVINGSTON**



MODEL: Default
FILE NAME: C:\Users\686501-02\DOT - D3 Spring Road Repair Projects\Survey D366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\D366R31-ahh-details.dgn



TEMPORARY INFORMATION SIGNING

NOTES:

- USE 6" D BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
- ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
- ERECT SIGN①WITH INSTALLED PANEL②A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
- REMOVE PANEL②ON THAT DATE.
- SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING".
EACH SIGN = 21 SQ FT AND THE DATE PANEL ②WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.



USER NAME = CHAMLIN	DESIGNED -	REVISED -
	DRAWN JAA	REVISED -
	CHECKED BD	REVISED -
PLOT DATE = 02/03/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

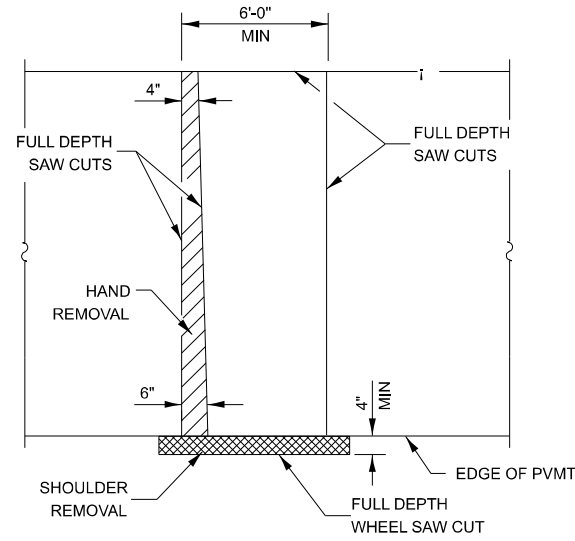
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3,7R-2,6R-2)RS-1 & 92RS-3	KANKAKEE	30	26
CONTRACT NO. 66R31				

SHEET 1 OF 5 SHEETS STA. TO STA.

* FAS 298 (OR 66) & SBI 4 (BREWSTER RD)

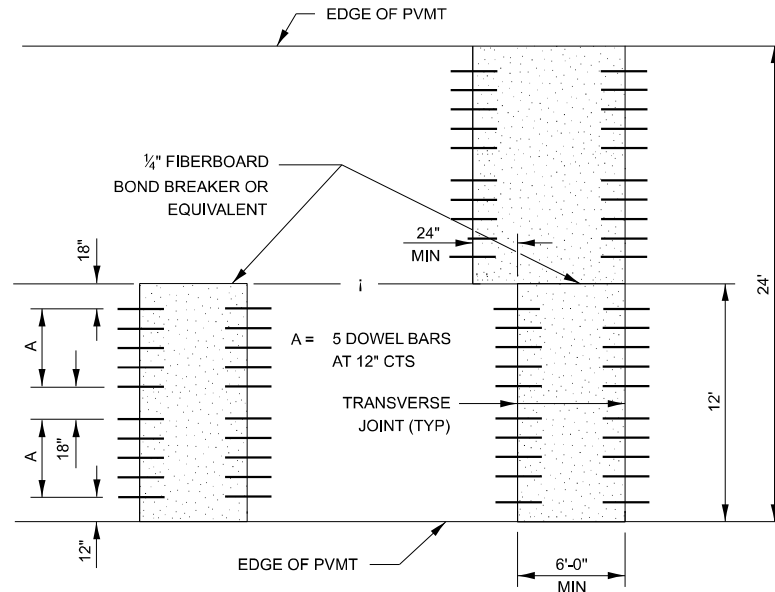
** GRUNDY & LIVINGSTON

MODEL: Default
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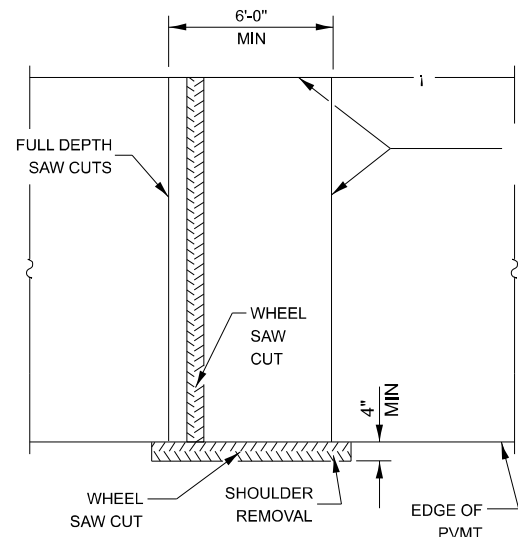


PAVEMENT SAWING DETAIL

(HMA SHOULDER)

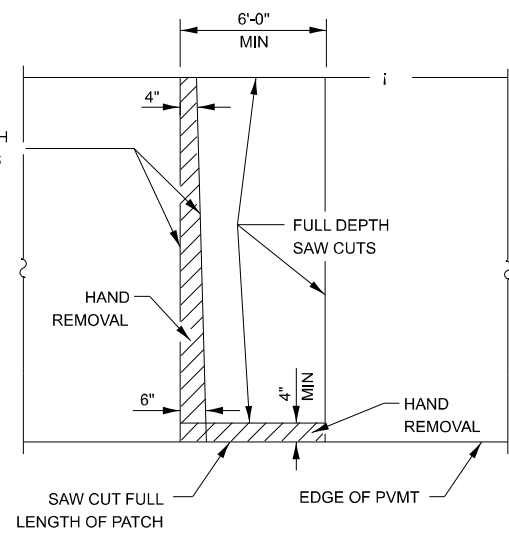


12' WIDE LANES



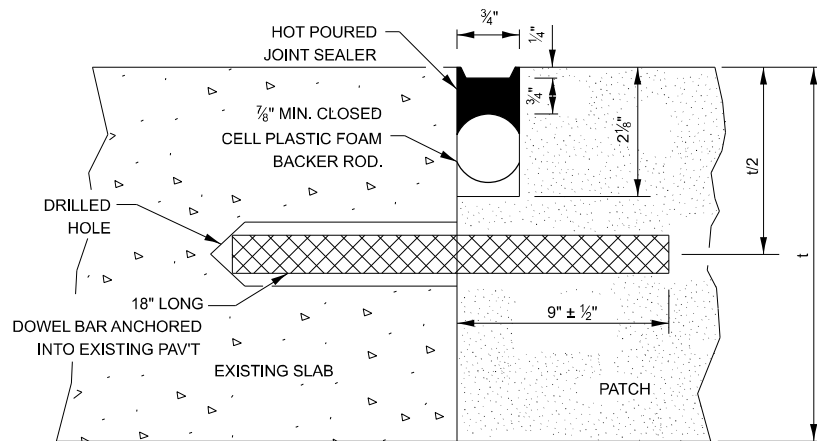
ALTERNATE SAWING DETAIL

(HMA SHOULDER)

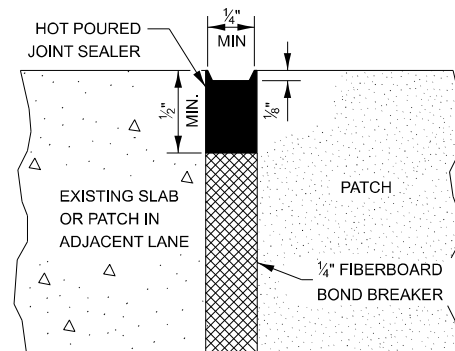


PAVEMENT SAWING DETAIL

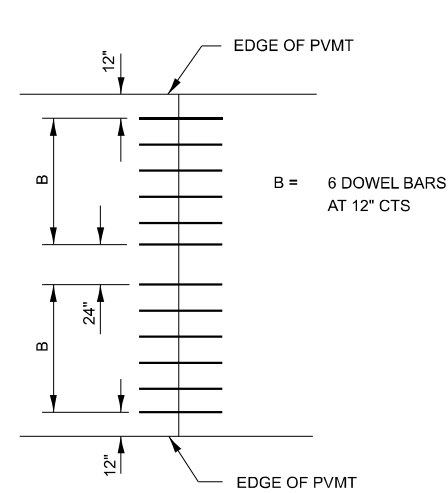
(PCC SHOULDER)



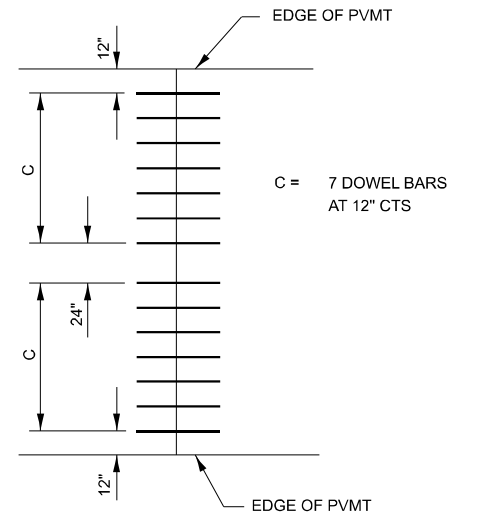
TRANSVERSE JOINT



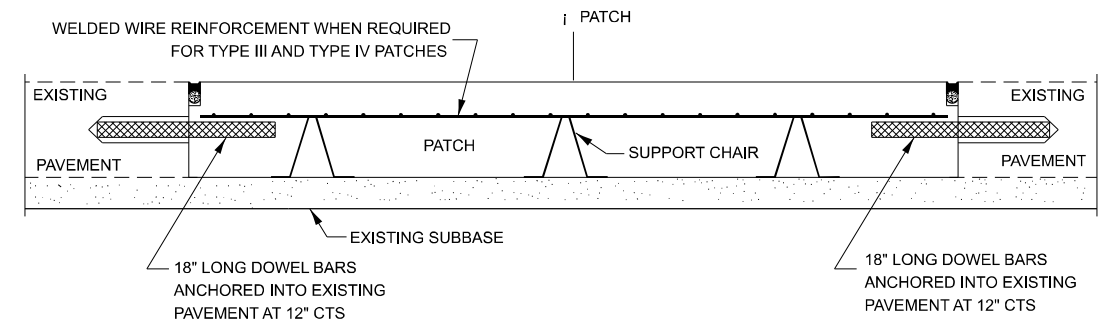
CENTERLINE JOINT



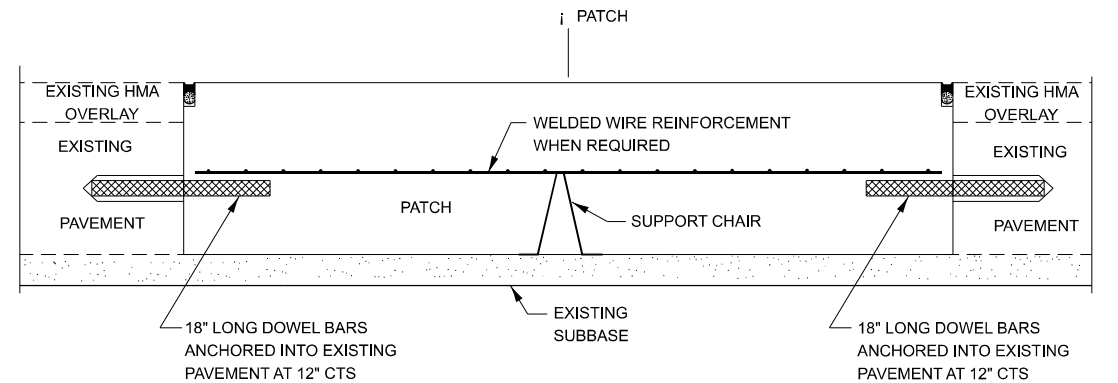
14' WIDE RAMP



16' WIDE RAMP



PATCHING WITHOUT HMA OVERLAY



PATCHING WITH HMA OVERLAY

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1 1/2"	1 5/8"
7" THRU 7.99"	1 1/4"	1 3/8"
LESS THAN 7"	1"	1 1/8"

GENERAL NOTES

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.

SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.



USER NAME = CHAMLIN	DESIGNED -	REVISED -
	DRAWN DS	REVISED -
	CHECKED BD	REVISED -
PLOT DATE = 02/03/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

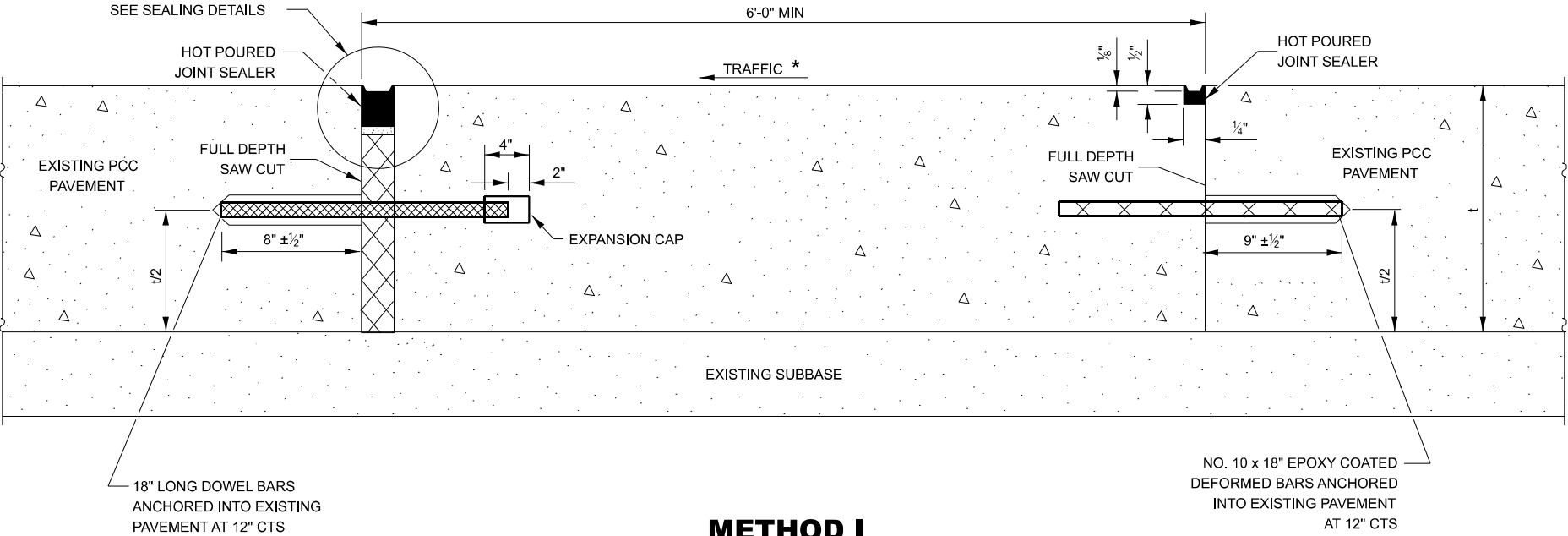
DETAILS

SHEET 2 OF 5 SHEETS STA. TO STA.

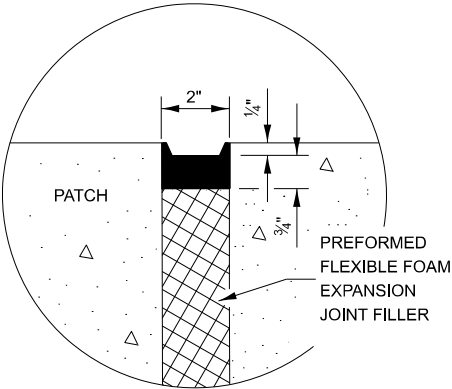
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3,7R-2,6R-2)RS-1 & 92RS-3	**	30	27
CONTRACT NO. 66R31				

* FAS 298 (OR 66) & SBI 4 (BREWSTER RD)

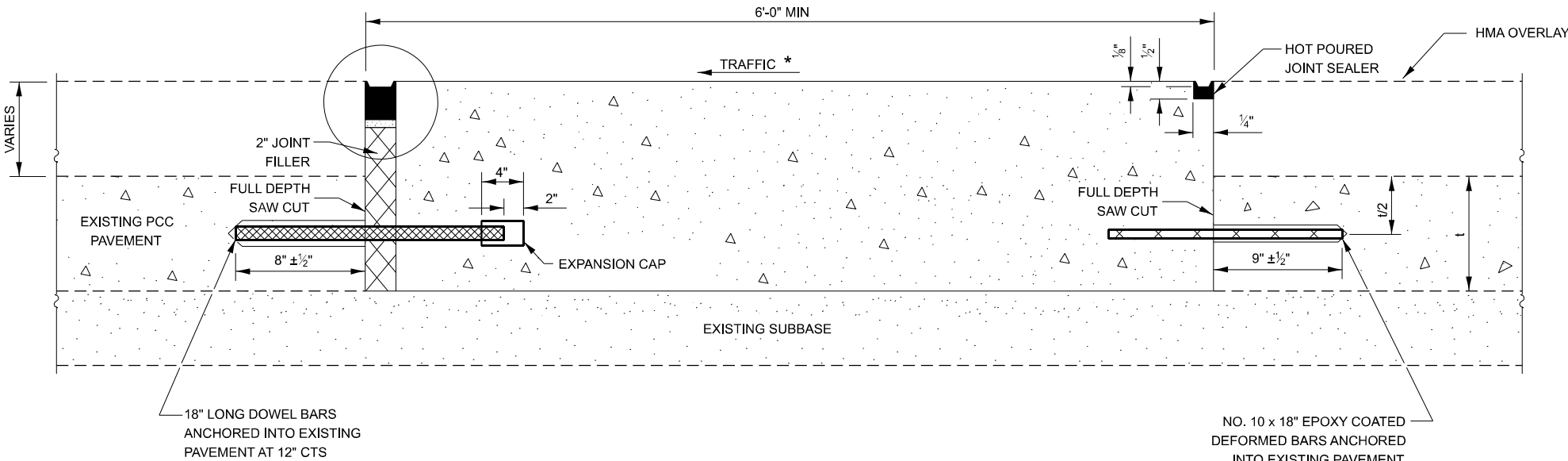
** GRUNDY & LIVINGSTON



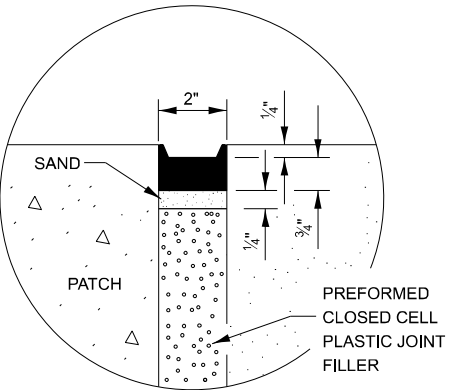
METHOD I
(WITHOUT HMA OVERLAY)



SEALING DETAIL



METHOD II
(WITH HMA OVERLAY)



SEALING DETAIL

NOTE

* WHEN RE-ESTABLISHING A TRANSVERSE EXPANSION JOINT ON A TWO-WAY ROAD, REVERSE THE ORIENTATION OF THE DOWEL BARS WITH RESPECT TO TRAFFIC FOR ONE OF THE PATCHES SUCH THAT THE JOINT WILL BE CONTINUOUS ACROSS BOTH LANES.

MODEL: Default
FILE NAME: C:\Users\66501-02\DOT - D3 Spring Road Repair Projects\Survey D366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\D366R31-shh-details.dgn



USER NAME = CHAMLIN	DESIGNED -	REVISED -
	DRAWN JAA	REVISED -
	CHECKED BD	REVISED -
PLOT DATE = 02/03/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

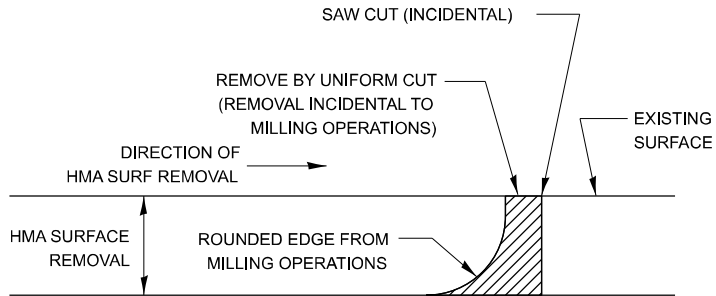
DETAILS

SHEET 3 OF 5 SHEETS STA. TO STA.

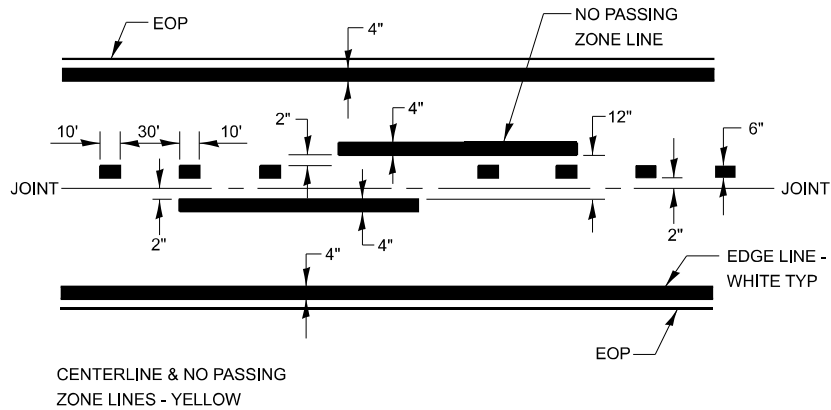
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3,7R-2,6R-2)RS-1 & 92RS-3	**	30	28
CONTRACT NO. 66R31				

* FAS 298 (OR 66) & SBI 4 (BREWSTER RD)

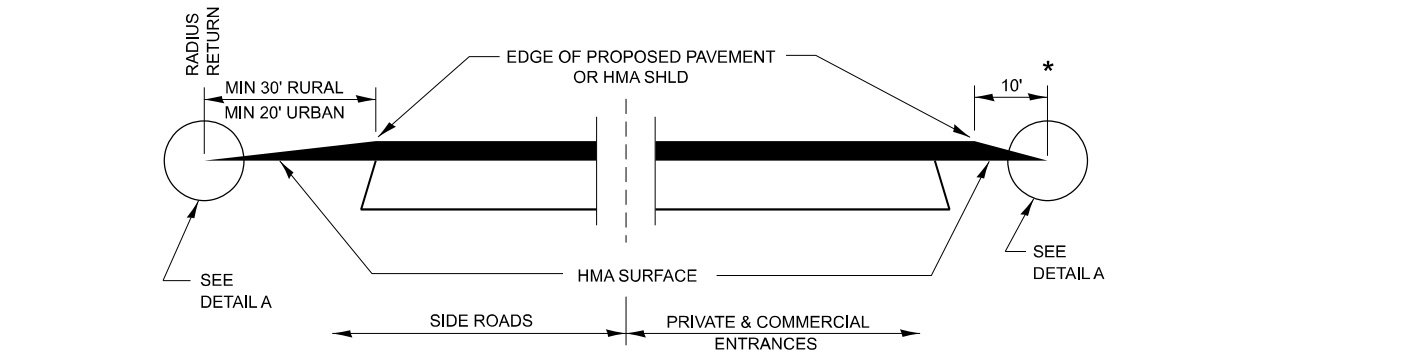
** GRUNDY & LIVINGSTON



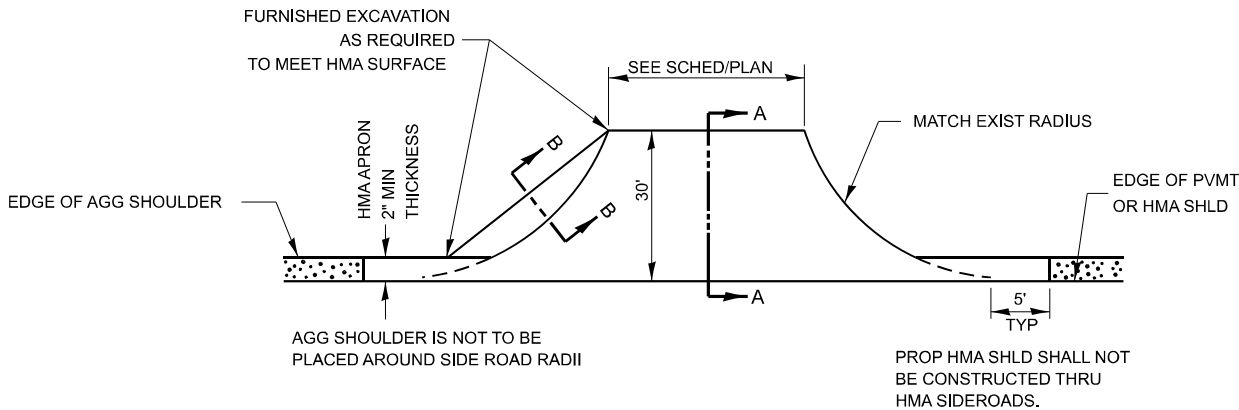
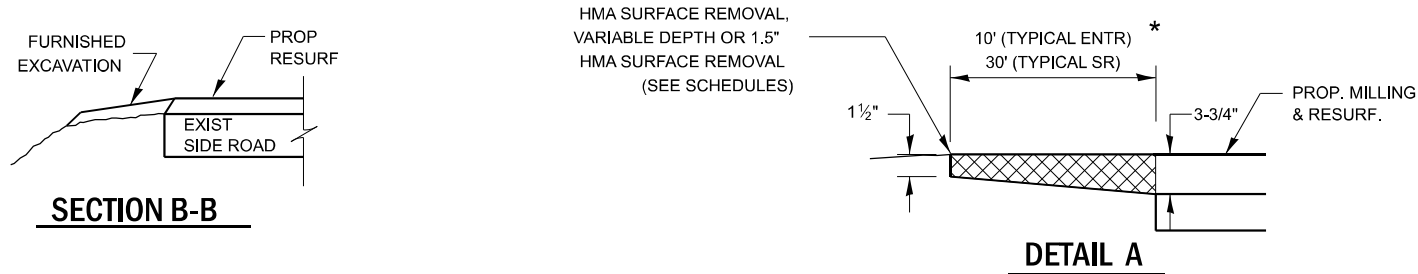
HMA BUTT JOINT SAW CUTS



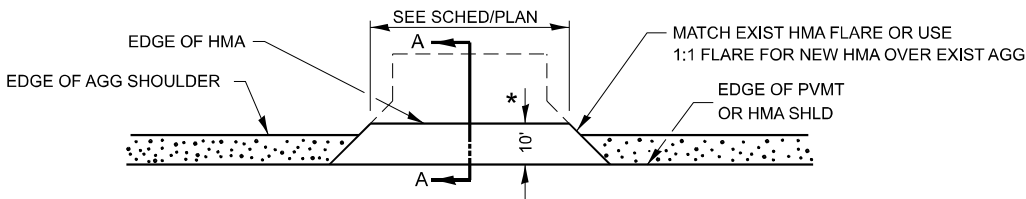
PAVEMENT MARKING



SECTION A-A DETAILS AT ENTRANCES & SIDE ROADS



PLAN AT SIDE ROADS



PLAN AT PRIVATE & COMMERCIAL ENTRANCES

(DO NOT RESURFACE FIELD ENTRANCES)

* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.

MODEL: Default
FILE NAME: C:\Users\66501-02\DOT - D3 Spring Road Repair Projects\Survey D366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\D366R31-ahh-details.dgn



USER NAME = CHAMLIN	DESIGNED -	REVISED -
	DRAWN JAA	REVISED -
	CHECKED BD	REVISED -
PLOT DATE = 01/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

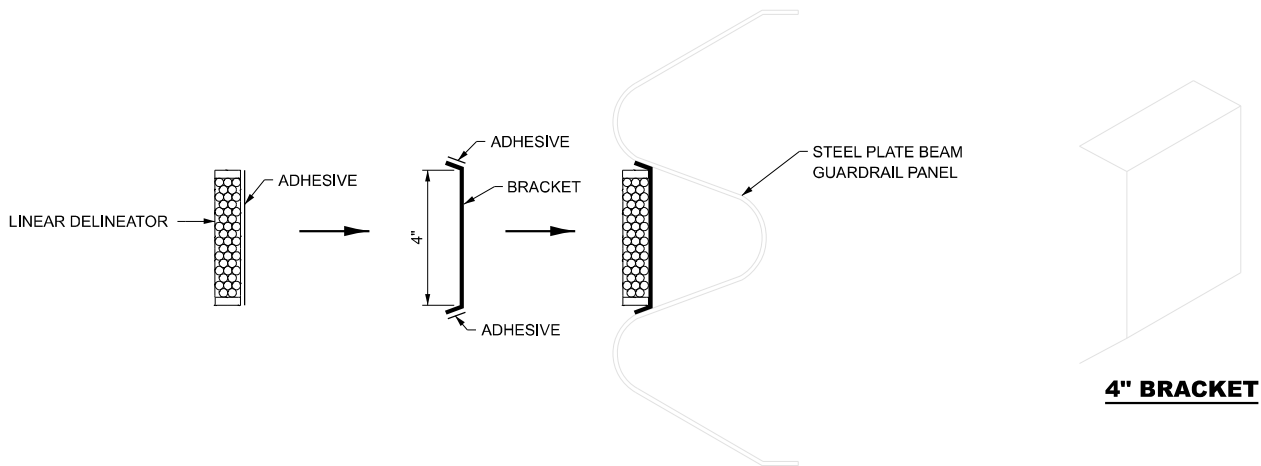
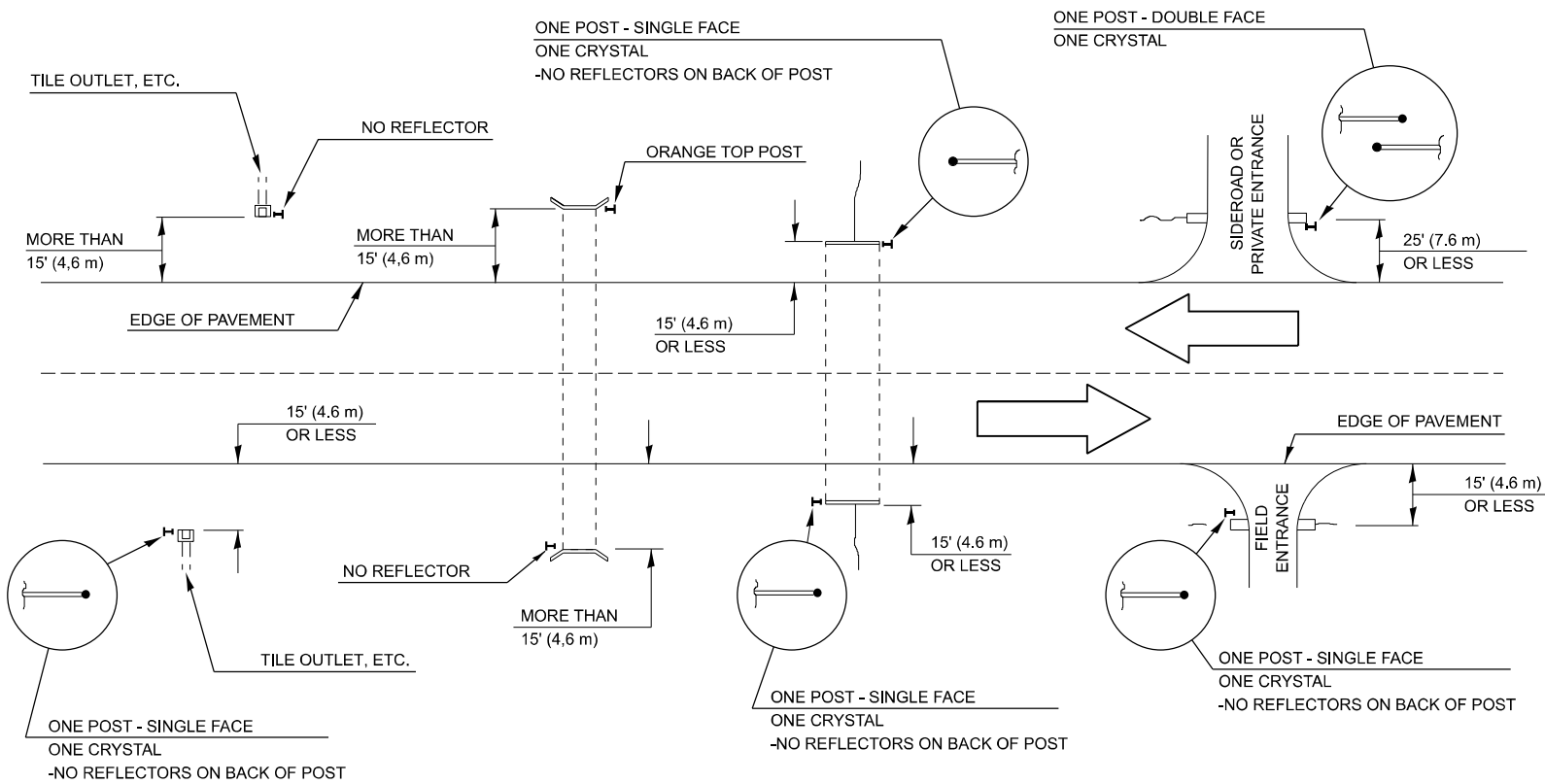
SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3,7R-2,6R-2)RS-1 & 92RS-3	**	30	29
CONTRACT NO. 66R31				

* FAS 298 (OR 66) & SBI 4 (BREWSTER RD)

** GRUNDY & LIVINGSTON

IDENTIFICATION OF ROADSIDE HAZARDS FOR TWO-LANE ROADWAYS



LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

LINEATOR DELINEATOR SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS

BILL OF MATERIALS

DELINEATOR TYPE	SINGLE FACE	DOUBLE FACE	NO REFLECTOR	TOTAL DELINEATORS
SINGLE CRYSTAL	13		2	15
SINGLE CRYSTAL			TOTAL	13

NOTE:

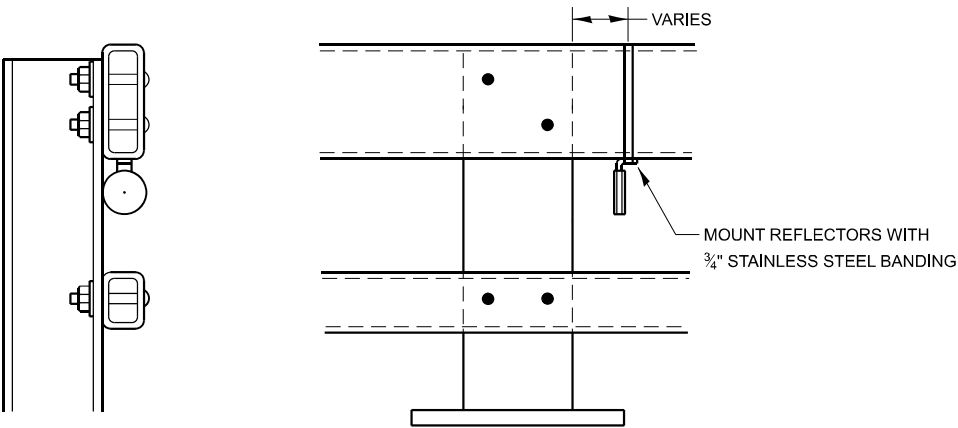
DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE THERE IS NO GUARDRAIL, OR OTHER PERMANENT BARRIER, ON THE SAME SIDE OF THE ROAD AS THE HAZZARD.

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE DELINEATORS ARE NOT IN PLACE ALONG THE EDGE OF SHOULDER.

EACH POST SHALL BE CONSIDERED AS ONE DELINEATOR FOR PAYMENT, REGARDLESS OF THE NUMBER OF DELINEATORS ATTACHED TO IT.

FOR ONE-WAY AND INTERSTATE ROADWAYS THE APPLICATION SHALL BE SIMILAR WITH DELINEATORS PLACED ON THE TRAFFIC APPROACH SIDE OF HAZARDS AND OBJECTS, ONLY SINGLE FACE DELINEATORS WILL BE REQUIRED ON ONE-WAY ROADWAYS, CRYSTAL ON THE RIGHT SIDE AND AMBER ON THE LEFT SIDE.

FOR OTHER DELINEATOR APPLICATIONS, REFER TO HIGHWAY STANDARD 635001.



- NOTES
- 1. REFLECTORS SHALL MEET THE REQUIREMENTS OF ARTICLE 1097.03 OF THE STANDARD SPECIFICATIONS.
 - 2. FURNISHING AND INSTALLING THE COMPLETE REFLECTOR UNIT WILL WILL BE PAID AT THE CONTRACT UNIT PRICE EACH FOR GUARD RAIL MARKERS.

REFLECTOR MOUNTING
DETAIL FOR STEEL RAIL

MODEL: Default
FILE NAME: C:\Users\66501-02\DOT - D3 Spring Road Repair Projects\Survey D366R31\Consultant_Data\Chamlin_2024\CAD_Sheets\D366R31-ahh-details.dgn



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SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(7X-3,7R-2,6R-2)RS-1 & 92RS-3	**	30	30
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