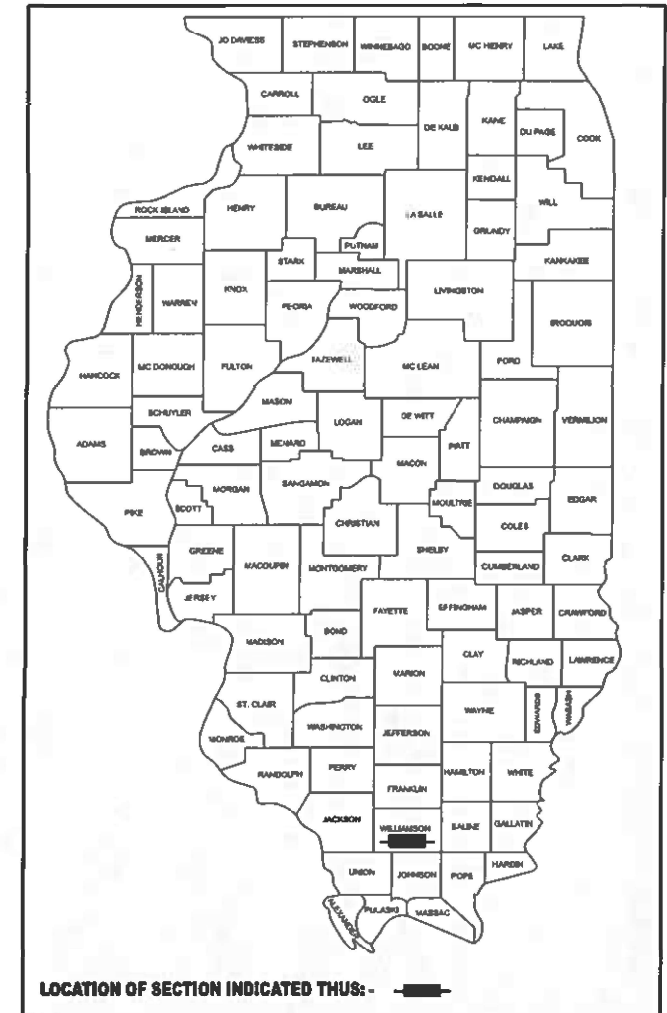


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	1
		ILLINOIS	CONTRACT NO. 78B12	

D-99-018-25



PROPOSED HIGHWAY PLANS

FAS ROUTE 909 (OLD IL 13)
SECTION 1RS-2
PROJECT STP-3IE4(579)
PATCHING AND RESURFACING
WILLIAMSON COUNTY

FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA 2021 ADT

- 1300 WITH 3.85% TRUCKS (START OF JOB TO WOLF CREEK RD.)
- 1350 WITH 4.44% TRUCKS (WOLF CREEK RD. TO SAMUEL RD.)
- 1550 WITH 6.45% TRUCKS (SAMUEL RD. TO END OF JOB)

TOWNSHIPS

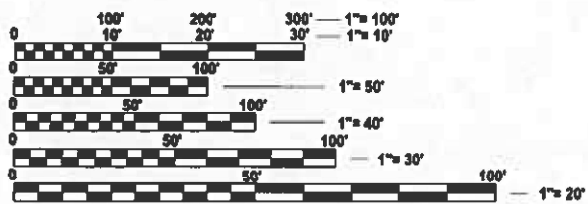
CARTERVILLE PRECINCT
WEST MARION PRECINCT

STATION EQUATIONS:

- STA. 438+88.37 BK = 438+89.6 AH
- STA. 458+10.62 BK = 458+13.02 AH
- STA. 470+00 BK = 471+61.1 AH
- STA. 534+25.9 BK = 534+35.6 AH
- STA. 560+10.5 BK = 560+51.4 AH

COORDINATE SYSTEM : EPSG:102671 NAD 1983 StatePlane
Illinois East FIPS 1201 Feet

POSTED SPEED : 50 MPH



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

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

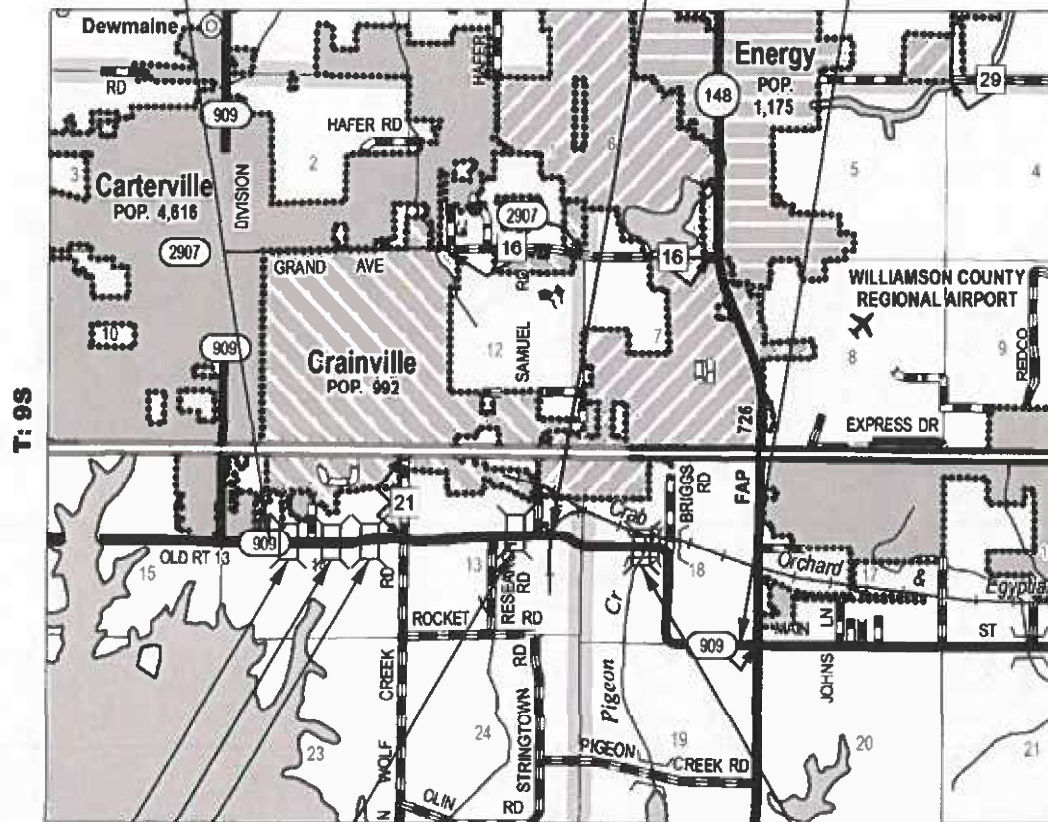
PROJECT ENGINEER: SEAN GREENLEE
PROJECT MANAGER: JARED HARP

CONTRACT NO. 78B12

PROP. IMPROVEMENT BEGINS
STA. 415+95 FAS 909 (OLD IL 13)
EAST CITY LIMITS OF CARTERVILLE

C-99-046-25
RAILROAD OMISSION
STA. 496+46 TO STA. 496+54

PROP. IMPROVEMENT ENDS
STA. 581+19 FAS 909 (OLD IL 13)
OLD IL 13 AND IL 148 INTERSECTION



SN: 100-7029
SN: 100-7030
SN: 100-7129
SN: 100-7032

R: 1E R: 2E

GROSS LENGTH = 16308.67 FT. = 3.089 MILE
NET LENGTH = 16300.67 FT. = 3.087 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 15 20 25
Rosa S. Romo
REGIONAL ENGINEER

March 21 20 25
Sean Greenlee
ENGINEER OF DESIGN AND ENVIRONMENT

March 21 20 25
John J. Barry
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL: 02-Signature [Sheet]
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Prepared By: Susan Poe
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Bee
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Casey Nuts
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: R. C. Coan
DISTRICT OPERATIONS ENGINEER

Examined By: _____
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Bernie Willis
DISTRICT CONSTRUCTION ENGINEER

Examined By: Aan Nays
DISTRICT MATERIALS ENGINEER

USER NAME	= Jared.Harp	DESIGNED	-	REVISED	-
DRAWN	-	REVISIONS	-	REVISIONS	-
CHECKED	-	REVISIONS	-	REVISIONS	-
DATE	-	REVISIONS	-	REVISIONS	-
PLOT DATE	= 1/10/2025				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE: SHEET 2 OF 21 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	2
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS, MTD CROSSING RESTRICTIONS TABLE
4	MIXTURE REQUIREMENTS
5-7	SUMMARY OF QUANTITIES
8-10	TYPICAL SECTIONS
11-16	SCHEDULES
17	DETAILS: MAINLINE BUTT JOINT SHOULDER BUTT JOINT
18	DETAILS: MAINLINE SURFACE REMOVAL TRANSITION SHOULDER SURFACE REMOVAL TRANSITION
19	DETAILS: MAINLINE SURFACE REMOVAL TRANSITION SHOULDER SURFACE REMOVAL TRANSITION
20	DETAILS: BRIDGE APPROACH AND STRUCTURE RESURFACING HMA SIDEROADS, HMA OR PCC ENTRANCES
21	DETAILS: SHORT TERM PAVEMENT MARKING, TEMP RAMP AT SIDEROADS UNEVEN LANES, TEMP HMA TRANSITIONS, ROUGH GROOVED SURFACE

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT 2.016 TONS/CU. YD.

ALL AGGREGATE 2.05 TONS/CU. YD.

THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 10%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE

HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE

WHEN SHOULDER RESURFACING OF 6 FEET OR LESS IS ALLOWED TO BE PLACED SIMULTANEOUSLY WITH THE ADJACENT TRAFFIC LANE, THE MAINLINE QUALITY MANAGEMENT PROGRAM WILL BE ENFORCED FOR THE MAINLINE AND SHOULDERS

INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE PAVED IN A SEPARATE OPERATION FROM THE MAINLINE PAVEMENT

COMMITMENTS: NONE

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420001-10 PAVEMENT JOINTS
- 442201-03 CLASS C & D PATCHES
- 642006-01 SHOULDER RUMBLE STRIPS, 8 IN
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15 FT AWAY
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15 FT TO 24 IN FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS 45 MPH OR MORE
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701336-07 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS 45MPH OR MORE
- 701901-10 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

MTD CROSSING RESTRICTIONS TABLE

SN & CENTERLINE STATION FAS 909 (OLD IL 13)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	
SN 100-7029 (STA. 421+40)	1.0	1.25	EMPTY MTD ALLOWED WITH 40 TONS MAXIMUM GROSS WEIGHT
SN 100-7030 (STA. 434+59)	1.4	1.25	EMPTY MTD ALLOWED WITH 40 TONS MAXIMUM GROSS WEIGHT
SN 100-7129 (STA. 443+60)	1.1	0.83	EMPTY MTD ALLOWED WITH 40 TONS MAXIMUM GROSS WEIGHT
SN 100-7032 (STA. 490+95)	1.4	1.25	EMPTY MTD ALLOWED WITH 40 TONS MAXIMUM GROSS WEIGHT
SN 100-0045 (STA. 525+00)	0.0	0.08	EMPTY MTD ALLOWED WITH 40 TONS MAXIMUM GROSS WEIGHT

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MIXTURE REQUIREMENTS

LOCATION(S):	HOT-MIX ASPHALT PAVEMENT SURFACE COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70
PG:	PG64-22
DESIGN AIR VOIDS:	4.0 %, 70 GYRATION DESIGN
MIXTURE COMPOSITION:	IL-9.5 MM
FRICTION AGGREGATE:	MIX C
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QCP
SUBLOT SIZE:	1,000 TONS
MATERIAL TRANSFER DEVICE REQUIRED:	YES

LOCATION(S):	HOT-MIX ASPHALT PAVEMENT BINDER COURSE
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, IL 9.5FG, N70
PG:	PG64-22
DESIGN AIR VOIDS:	4.0 %, 70 GYRATION DESIGN
MIXTURE COMPOSITION:	IL-9.5 FINE GRADED
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QCP
SUBLOT SIZE:	1,000 TONS
MATERIAL TRANSFER DEVICE REQUIRED:	YES

LOCATION(S):	HOT-MIX SHOULDERS, INCIDENTAL PAVING
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N30
PG:	PG64-22
DESIGN AIR VOIDS:	4.0 %, 30 GYRATION DESIGN
MIXTURE COMPOSITION:	IL-9.5L
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	3,000 TONS
MATERIAL TRANSFER DEVICE REQUIRED:	NO

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	USER NAME = Jared.Harp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MIXTURE REQUIREMENTS	F.A.S RTE. 909	SECTION 1RS-2	COUNTY WILLIAMSON	TOTAL SHEETS 21	SHEET NO. 4
		DRAWN -	REVISED -							
		CHECKED -	REVISED -							
	PLOT DATE = 1/10/2025	DATE -	REVISED -		SCALE:	SHEET 4 OF 21 SHEETS		STA.	TO STA.	
						ILLINOIS FED. AID PROJECT		CONTRACT NO. 78B12		

SUMMARY OF QUANTITIES

COUNTY:	WILLIAMSON
ROUTE:	FAS 909 (OLD IL 13)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	31,064	31,064
40600370	LONGITUDINAL JOINT SEALANT	FOOT	16,301	16,301
40600405	MATERIAL TRANSFER DEVICE	TON	6,158	6,158
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	840	840
40600990	TEMPORARY RAMP	SQ YD	256	256
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	2,794	2,794
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	3,364	3,364
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	56	56
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	6,406	6,406
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	243	243
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	34,626	34,626
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1,869	1,869
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	1,220	1,220

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	DRAWN -	REVISED -		SCALE:	SHEET 5	OF 21	SHEETS	STA.	TO STA.	909	1RS-2	WILLIAMSON	21	5
	CHECKED -	REVISED -		CONTRACT NO. 78B12										
PLOT DATE = 1/16/2025	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON
ROUTE:	FAS 909 (OLD IL 13)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	3,911	3,911
44201411	CLASS C PATCHES, TYPE I, 15 INCH	SQ YD	88	88
44201415	CLASS C PATCHES, TYPE II, 15 INCH	SQ YD	154	154
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	318	318
48203100	HOT-MIX ASPHALT SHOULDERS	TON	966	966
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	21,682	21,682
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6,222	6,222
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,074	2,074

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SUMMARY OF QUANTITIES - CONT

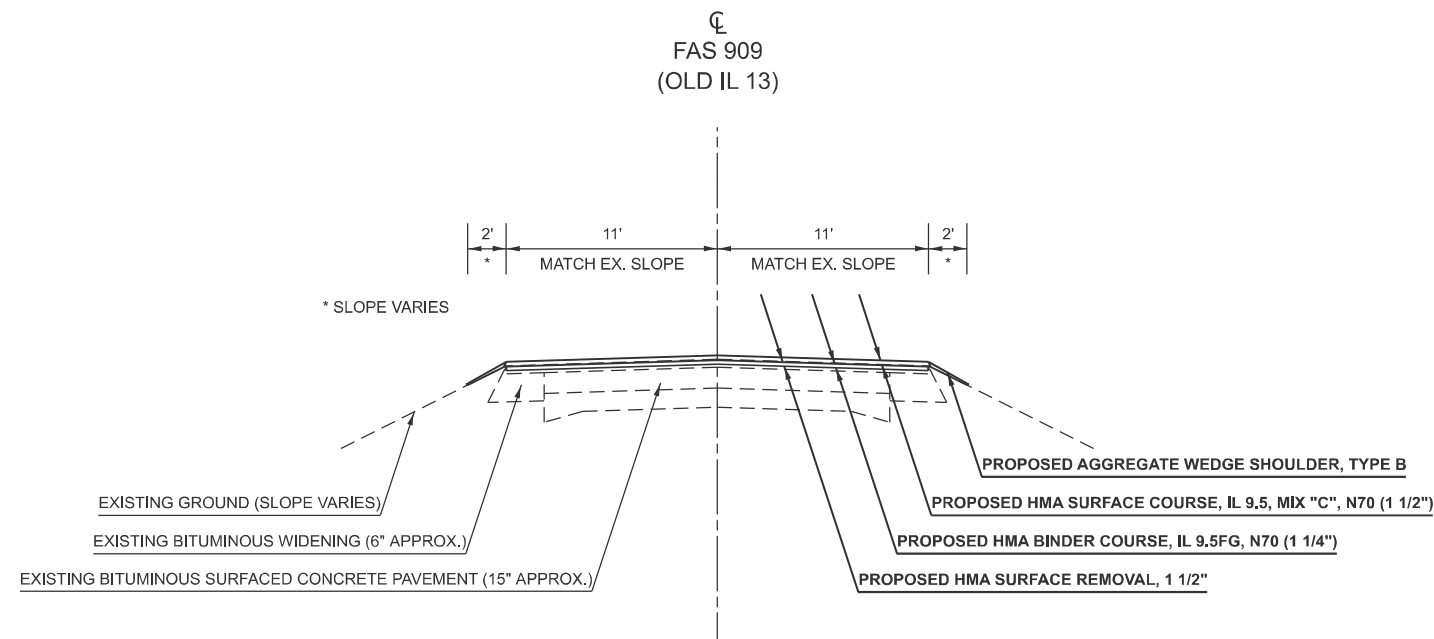
COUNTY:	WILLIAMSON
ROUTE:	FAS 909 (OLD IL 13)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	122.4	122.4
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	54,619	54,619
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	66	66
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	122.4	122.4
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	54,619	54,619
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	66	66
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	204	204
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	204	204
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	18,461	18,461

* SPECIALTY ITEM

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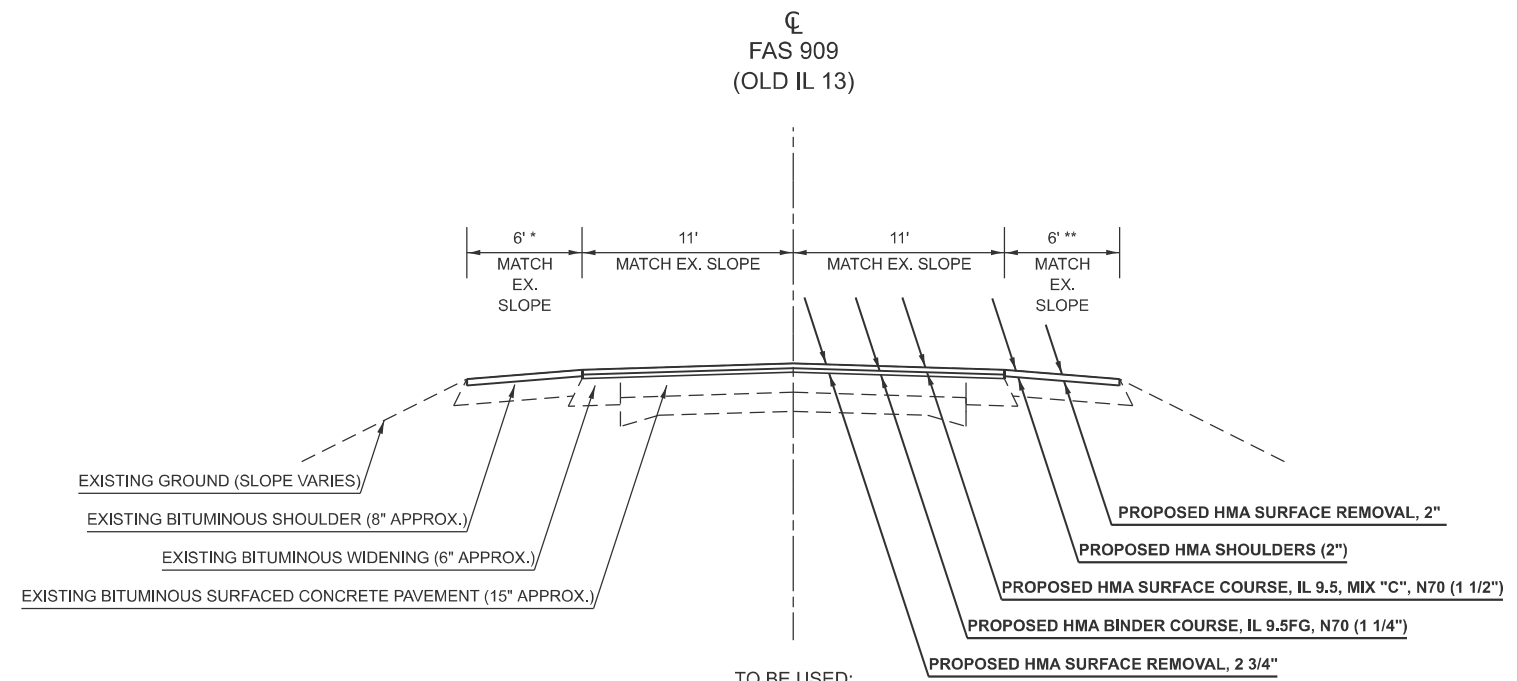
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PLOT DATE = 1/10/2025	DATE -	REVISED -		SCALE:	SHEET 7 OF 21 SHEETS		STA.	TO STA.	CONTRACT NO. 78B12
									ILLINOIS FED. AID PROJECT



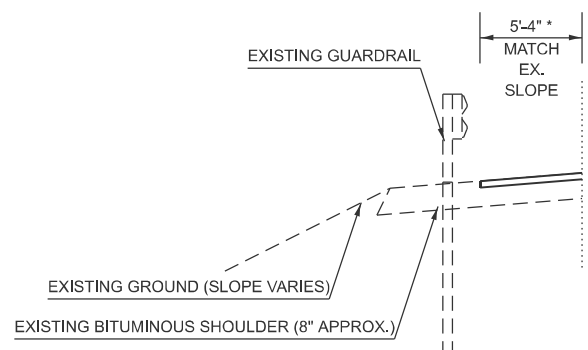
RAILROAD OMISSION STA. 496+46 TO STA. 496+54

STATION EQUATIONS:
 STA. 438+88.37 BK = STA. 438+89.6 AH
 STA. 470+00 BK = STA. 471+61.1 AH

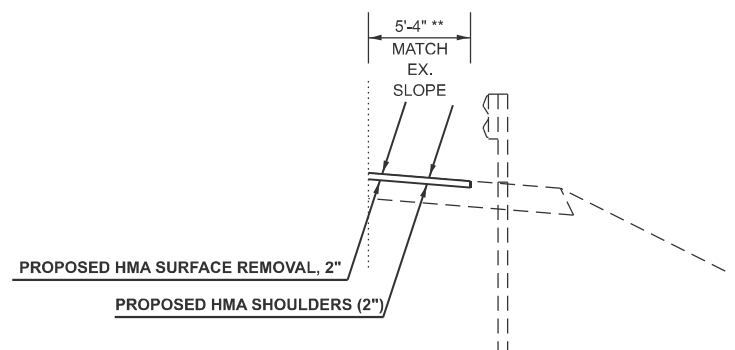
TO BE USED:
 STA. 415+95 TO STA. 416+77
 STA. 419+50 TO STA. 424+00
 STA. 432+24 TO STA. 441+50
 STA. 468+00 TO STA. 498+00



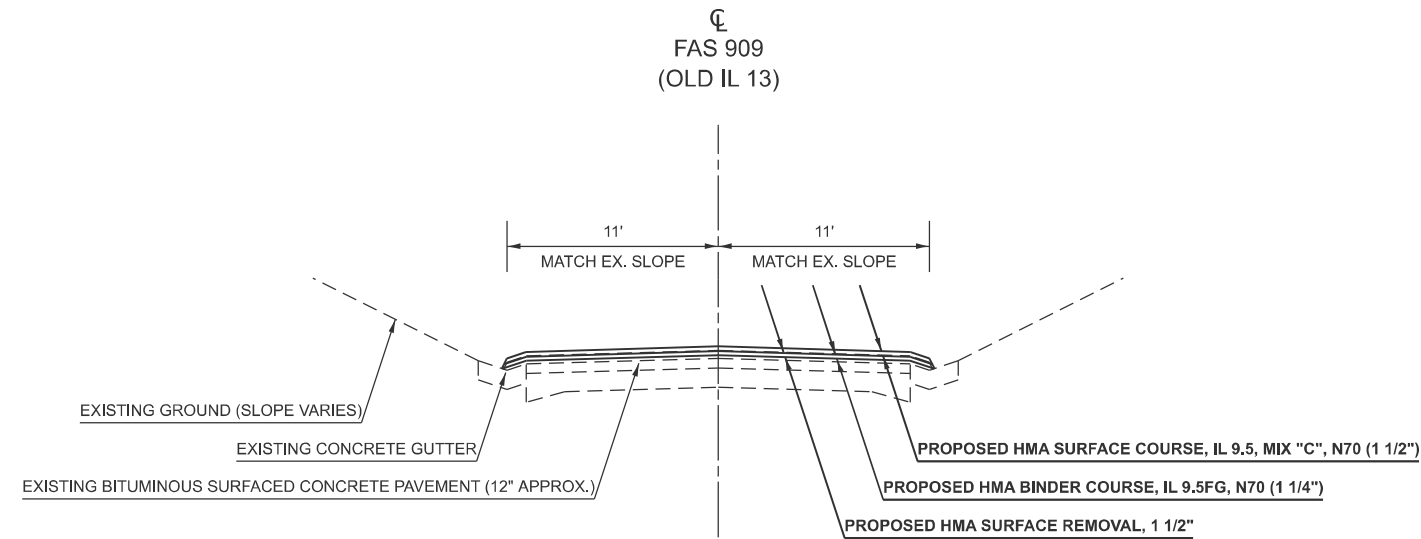
TO BE USED:
 STA. 441+50 TO STA. 451+25



* LT LIMITS OF SHOULDER WIDTH FOR GUARDRAIL
 VAR. 2' - 10' STA. 441+50 TO STA. 442+56
 5'-4" STA. 442+56 TO STA. 449+75
 VAR. 10' - 6' STA. 449+75 TO STA. 449+98



** RT LIMITS OF SHOULDER WIDTH FOR GUARDRAIL
 VAR. 2' - 10' STA. 441+54 TO STA. 441+81
 5'-4" STA. 441+81 TO STA. 444+66
 VAR. 10' - 6' STA. 444+66 TO STA. 444+98



TO BE USED:
 STA. 416+77 TO STA. 419+50
 STA. 424+00 TO STA. 432+24

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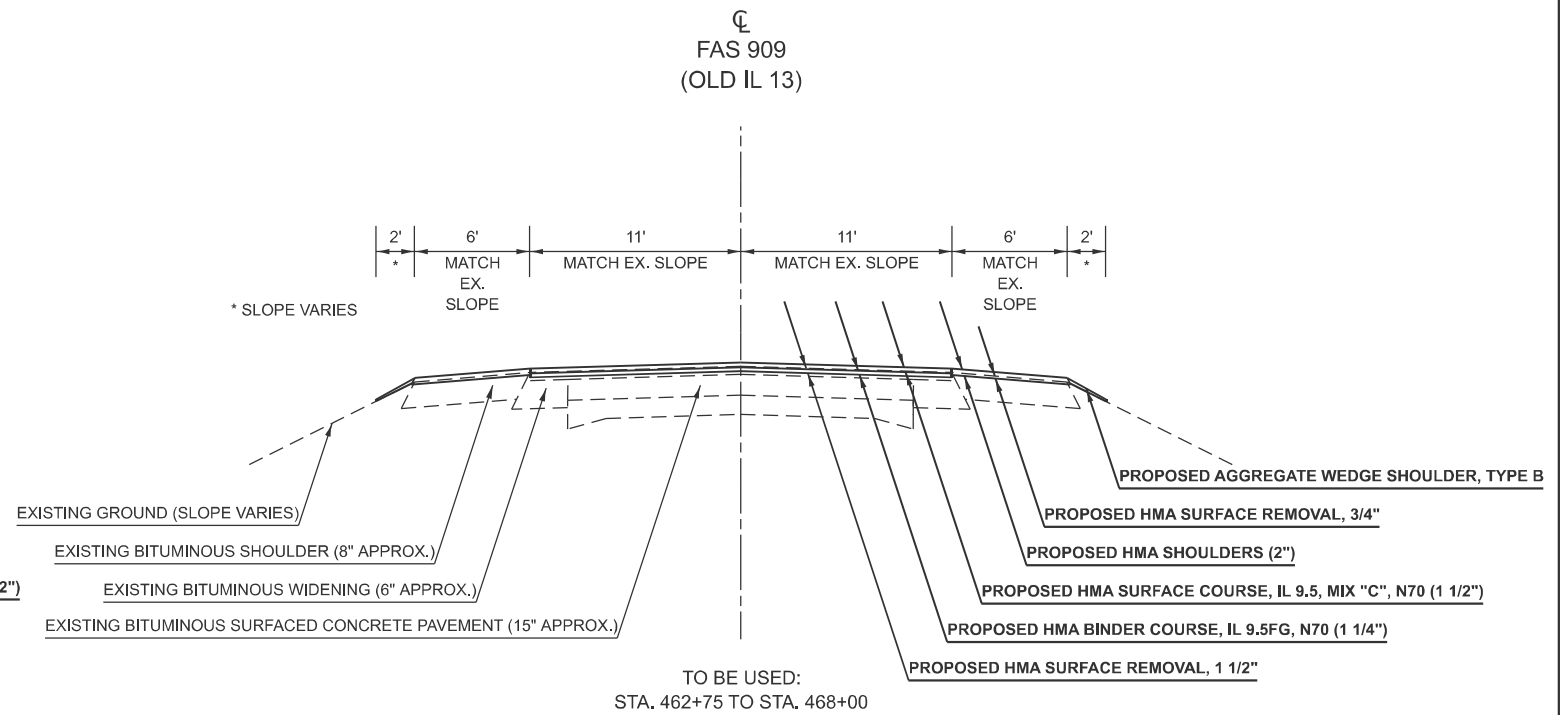
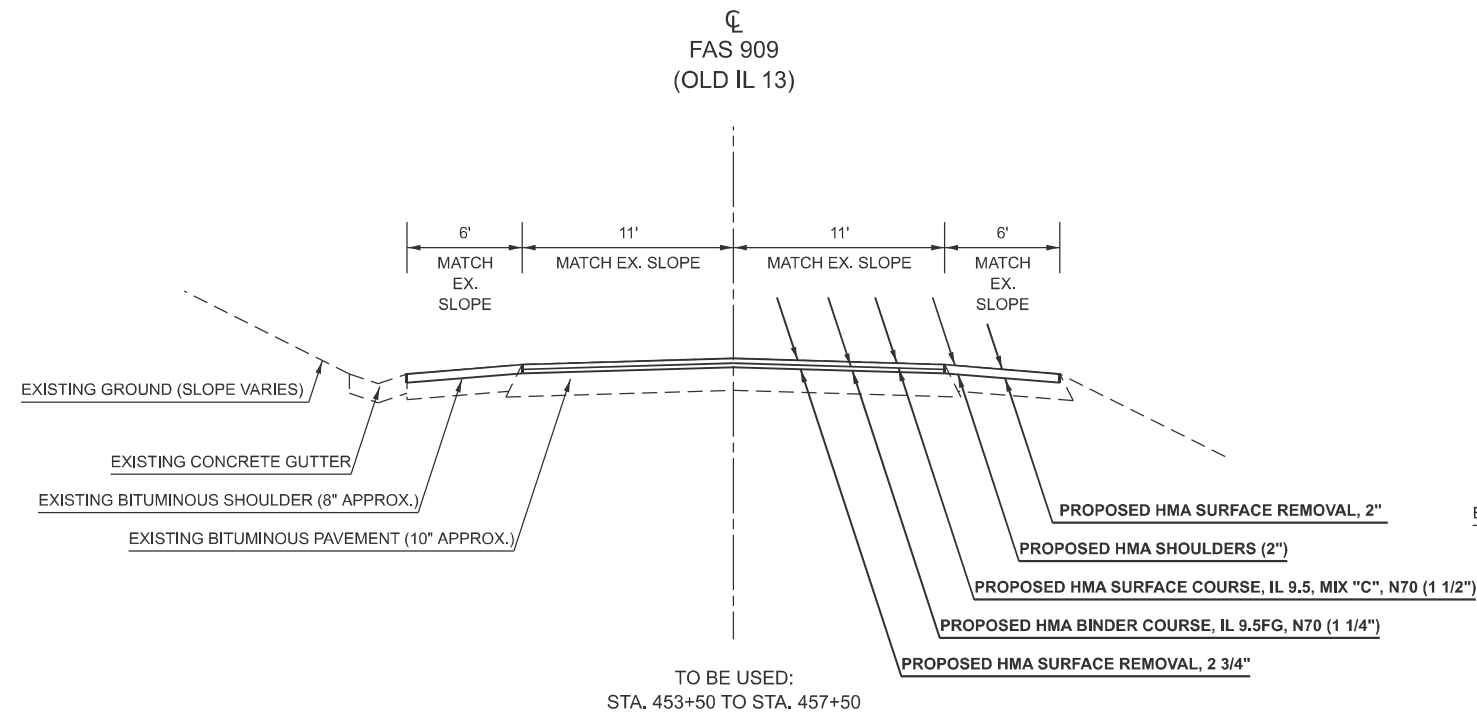
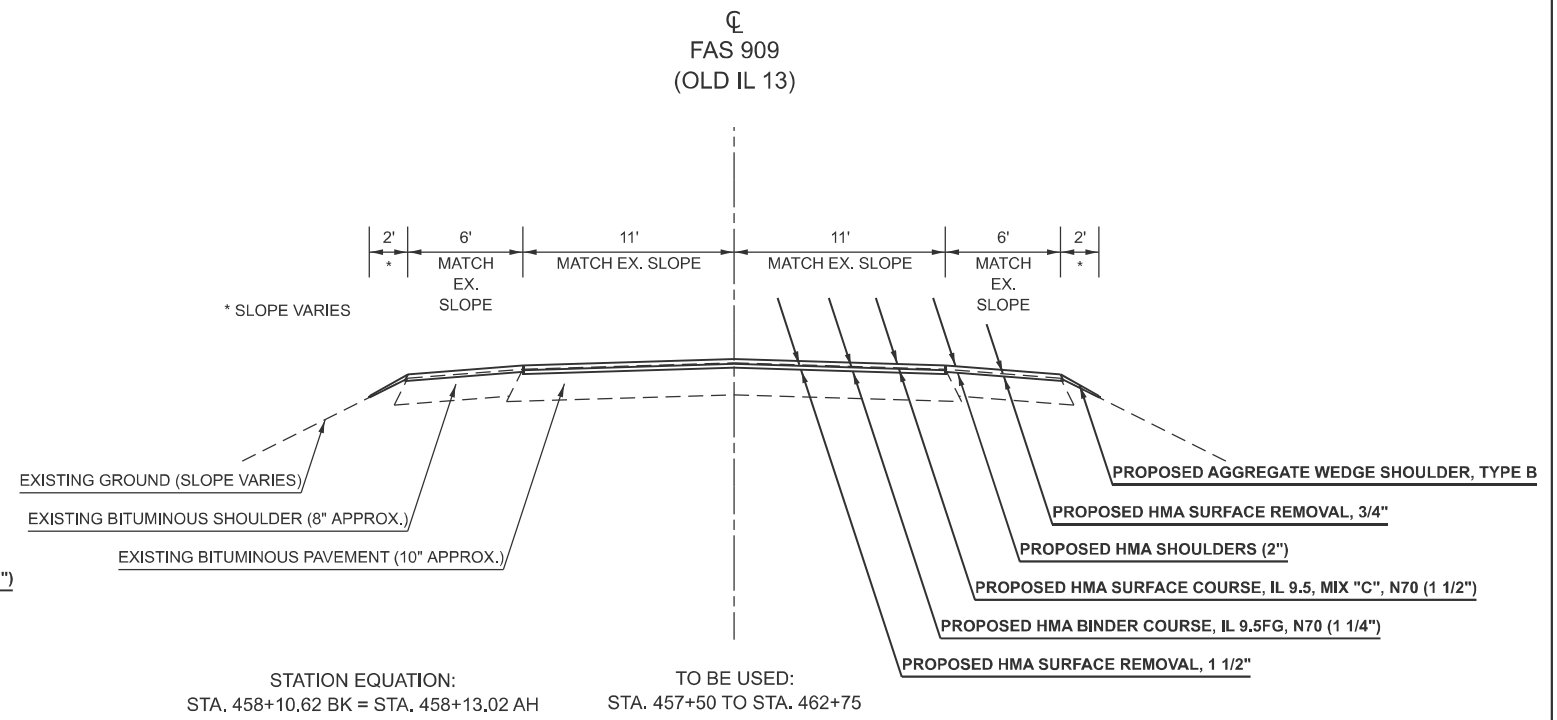
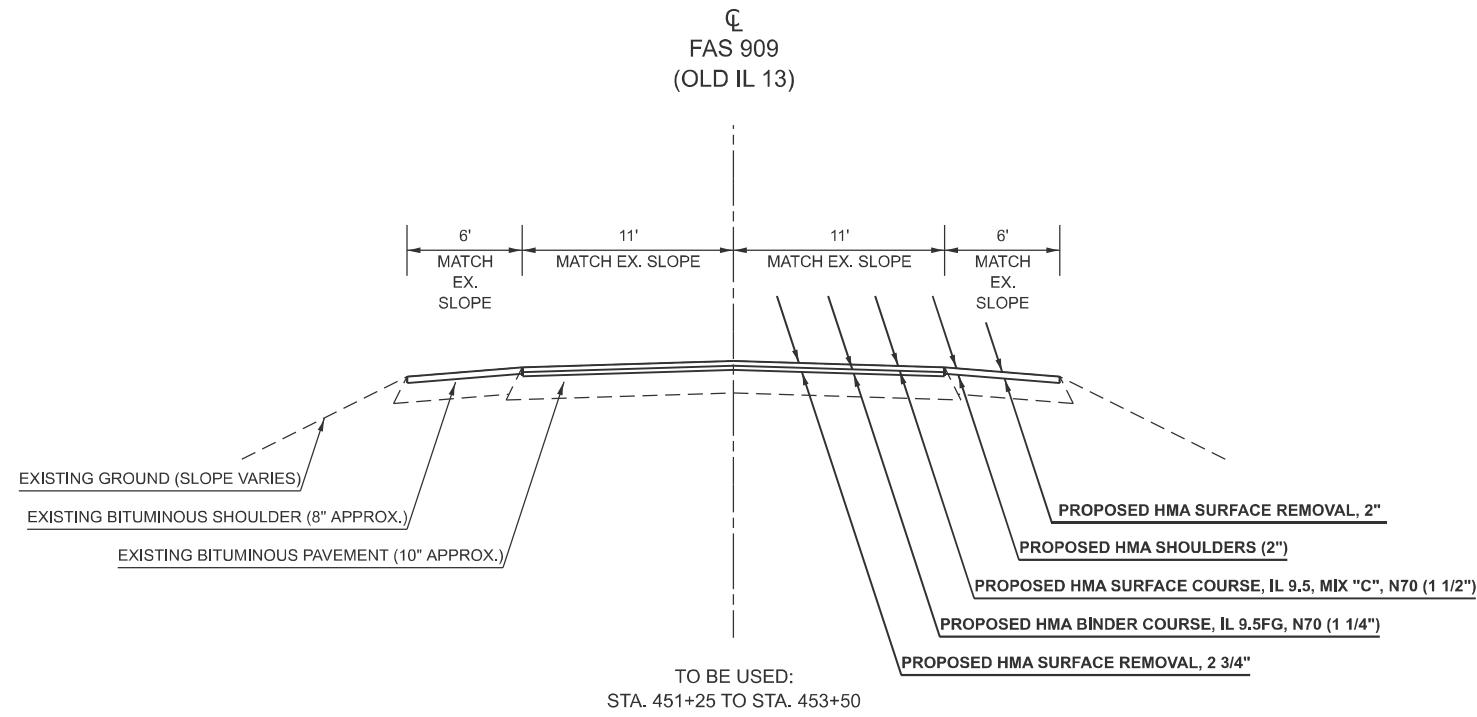
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	DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET 8 OF 21 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	8
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 1/10/2025	DATE -	REVISED -

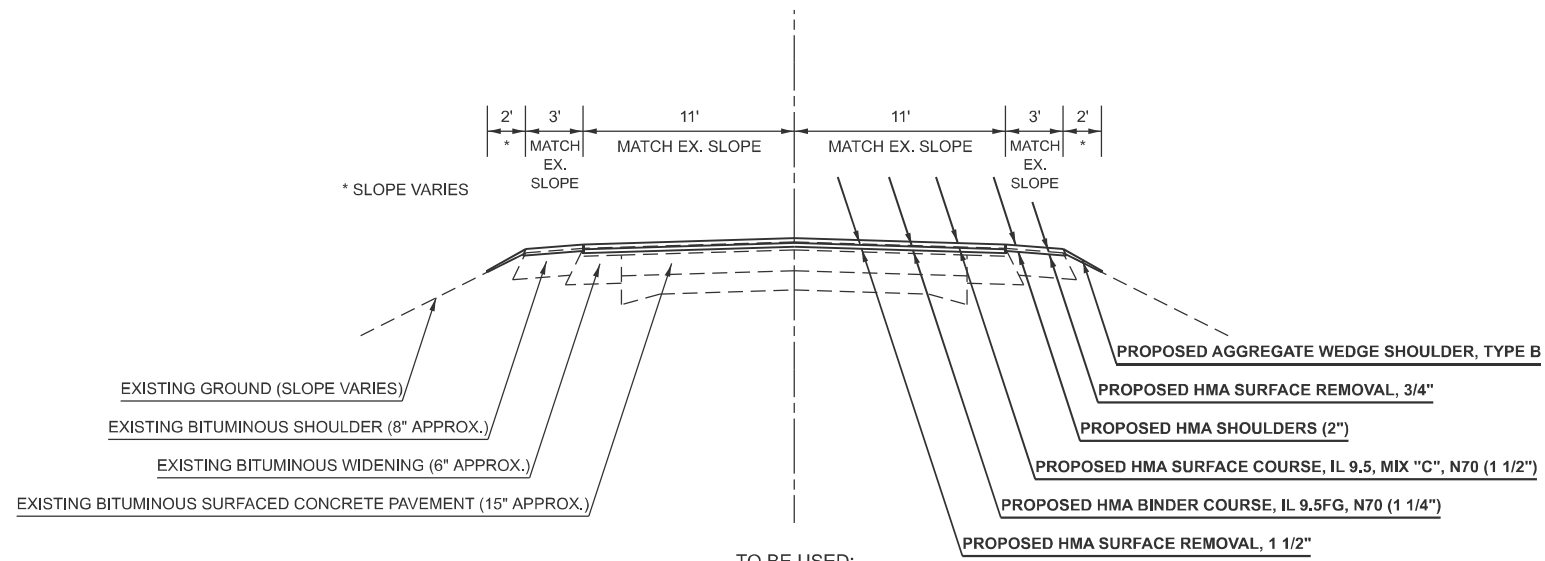
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET 9 OF 21 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	9
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				

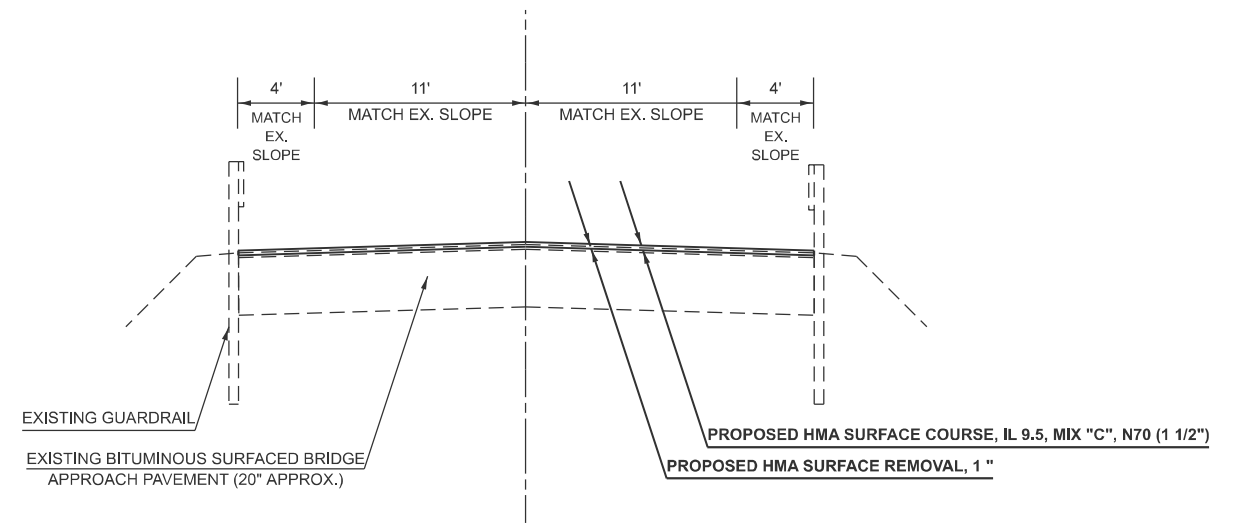
☐
FAS 909
(OLD IL 13)



STATION EQUATIONS:
STA. 534+25.9 BK = STA. 534+35.6 AH
STA. 560+10.5 BK = STA. 560+51.4 AH

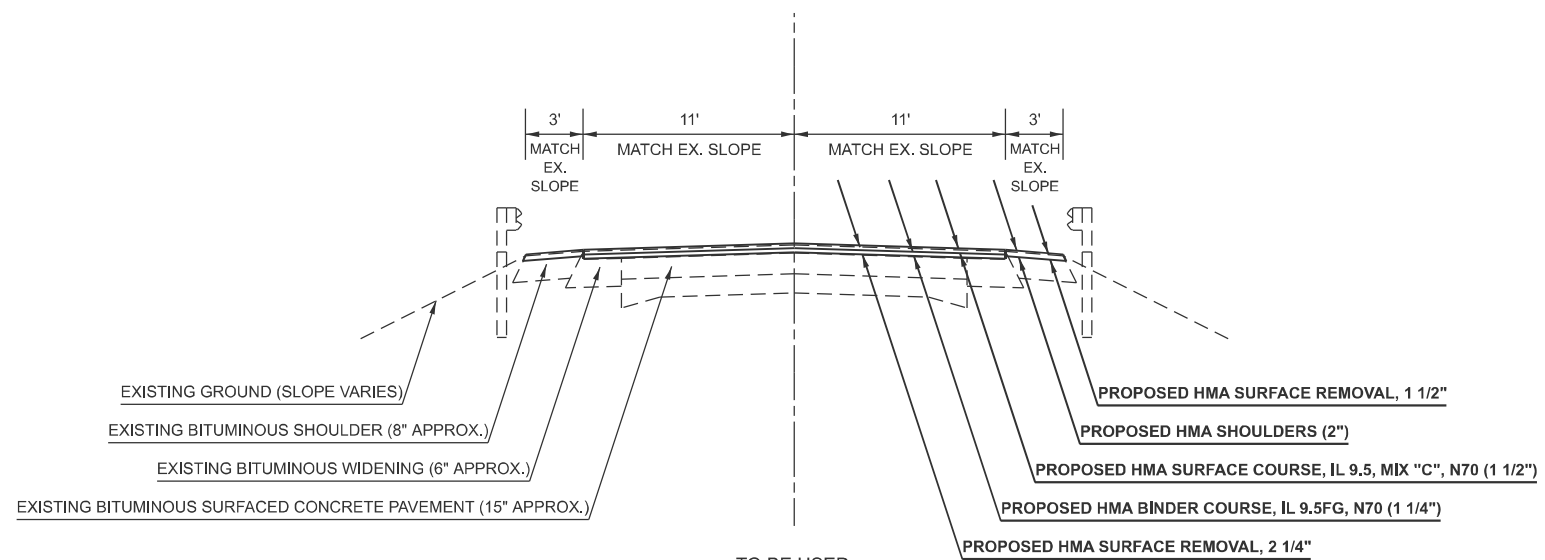
TO BE USED:
STA. 498+00 TO STA. 522+14
STA. 527+86 TO STA. 581+19

☐
FAS 909
(OLD IL 13)



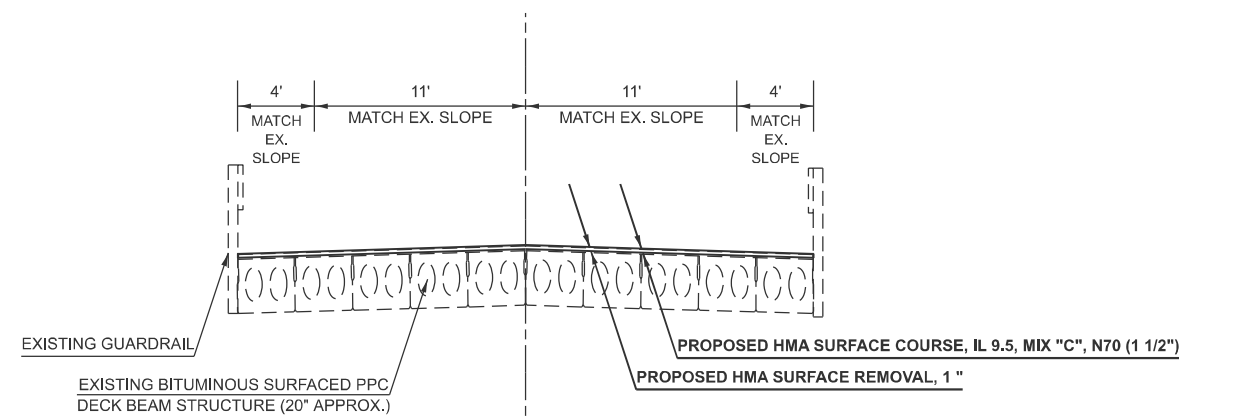
TO BE USED:
STA. 524+63.50 TO STA. 524+83.50
STA. 525+16.50 TO STA. 525+36.50

☐
FAS 909
(OLD IL 13)



TO BE USED:
STA. 522+14 TO STA. 524+63.50
STA. 525+36.50 TO STA. 527+86

☐
FAS 909
(OLD IL 13)



TO BE USED:
STA. 524+83.50 TO STA. 525+16.50

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/10/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET 10 OF 21 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	10
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				

MAINLINE RESURFACING SCHEDULE (1 OF 1)

LOCATION STATION TO STATION			PAVEMENT WIDTH	PAVEMENT LENGTH	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	HOT-MIX ASPHALT BINDER COURSE, IL 9.5 FG, N70	HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "C", N70	BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT	TEMPORARY RAMP	COMMENTS
OLD IL 13															
START	TO	END													
415+95			22											35	TEMPORARY RAMP AT START OF JOB
415+95	TO	416+20	22	25					4	5	41	25	61		START OF JOB BUTT JOINT
416+20	TO	438+88.37	22	2268		5545			388	468	3743	2268			
438+88.37 BK = 438+89.6 AH															STATION EQUATION
438+89.6	TO	441+25	22	235		575			40	49	388	235			
441+25	TO	441+50	22	25		61			4	5	41	25			SURFACE REMOVAL TRANSITION
441+50	TO	457+50	22	1600				3911	274	329	2640	1600			
457+50	TO	457+75	22	25		61			4	5	41	25			SURFACE REMOVAL TRANSITION
457+75	TO	458+10.62	22	36		87			6	7	59	36			
458+10.62 BK = 458+13.02 AH															STATION EQUATION
458+13.02	TO	470+00	22	1187		2902			203	245	1959	1187			
470+00 BK = 471+61.1 AH															STATION EQUATION
471+61.1	TO	496+21	22	2460		6013			421	507	4059	2460			
496+21	TO	496+46	22	25					4	5	41	25	61		
496+46			22											35	TEMPORARY RAMP RAILROAD CROSSING
496+46	TO	496+54													OMIT RAILROAD CROSSING
496+54			22											35	TEMPORARY RAMP RAILROAD CROSSING
496+54	TO	496+79	22	25					4	5	41	25	61		
496+79	TO	521+99	22	2520		6160			431	519	4158	2520			
521+99	TO	522+14	22	15		37			3	3	25	15			SURFACE REMOVAL TRANSITION
522+14	TO	524+63.5	22	250			610		43	51	412	250			
524+63.5	TO	525+36.5	30	73	243				17	20	110	73			NO BINDER COURSE OVER SN: 100-0032 AND APPROACHES
525+36.5	TO	527+86	22	250			610		43	51	412	250			
527+86	TO	528+01	22	15		37			3	3	25	15			SURFACE REMOVAL TRANSITION
528+01	TO	534+25.9	22	625		1528			107	129	1031	625			
534+25.9 BK = 534+35.6 AH															STATION EQUATION
534+35.6	TO	560+10.5	22	2575		6294			441	531	4249	2575			
560+10.5 BK = 560+51.4 AH															STATION EQUATION
560+51.4	TO	580+94	22	2043		4993			350	421	3370	2043			
580+94	TO	581+19	22	25					4	5	41	25	61		END OF JOB BUTT JOINT
581+19			22											35	TEMPORARY RAMP AT END OF JOB
TOTALS				16301		243	34293	1220	3911	2794	3364	26886	16301	244	140

MODEL: Schedules-1 [Sheet]
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES			
SCALE:	SHEET 11	OF 21 SHEETS	STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	11
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				

SHOULDER RESURFACING SCHEDULE (1 OF 2)

LOCATION STATION TO STATION				SHOULDER WIDTH	AGGREGATE SHOULDER WIDTH	SHOULDER LENGTH	HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	HOT-MIX ASPHALT SHOULDERS	BITUMINOUS MATERIALS (TACK COAT)	AGGREGATE WEDGE SHOULDER, TYPE B	COMMENTS
OLD IL 13				FOOT	FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	TON	POUND	TON	
START	TO	END	OFFSET											
415+95	TO	416+77	LT & RT		2	82							1.8	
416+77	TO	419+50	LT & RT											NO AGGREGATE WEDGE DUE TO EXISTING CURB AND GUTTER
419+50	TO	424+00	LT & RT		2	450							10.0	
424+00	TO	432+24	LT & RT											NO AGGREGATE WEDGE DUE TO EXISTING CURB AND GUTTER
432+24	TO	438+88.37	LT & RT		2	664							14.7	
438+88.37 BK = 438+89.6 AH														STATION EQUATION
438+89.6	TO	441+50	LT & RT		2	260							5.8	
441+50	TO	441+54	RT		2	4							0.1	
441+50	TO	442+56	LT	VAR. 2 - 10	2	106			71	8	32		1.2	
441+54	TO	441+81	RT	VAR. 2 - 10	2	27			18	2	8		0.3	
441+81	TO	444+66	RT	5.33		285			169	19	76			NO AGGREGATE WEDGE DUE TO GUARDRAIL
442+56	TO	449+75	LT	5.33		719			426	48	192			NO AGGREGATE WEDGE DUE TO GUARDRAIL
444+66	TO	444+98	RT	VAR. 10 - 6	2	32			28	3	13		0.4	
449+75	TO	449+98	LT	VAR. 10 - 6	2	23			20	2	9		0.3	
444+98	TO	451+64	RT	6	2	666			444	50	200		7.4	
449+98	TO	451+14	LT	6	2	116			77	9	35		1.3	
451+14	TO	452+64	LT											NO SHOULDER THROUGH WOLF CREEK ROAD
451+64	TO	453+14	RT											NO SHOULDER THROUGH WOLF CREEK ROAD
452+64	TO	453+14	LT	6	2	50			33	4	15		0.6	
453+14	TO	457+50	LT & RT	6	2	436			581	65	262		9.7	
457+50	TO	457+75	LT & RT	6	2	25		33		4	15		0.6	SHOULDER SURFACE REMOVAL TRANSITION
457+75	TO	458+10.62	LT & RT	6	2	36		47		5	21		0.8	
458+10.62 BK = 458+13.02 AH														STATION EQUATION
458+13.02	TO	462+74	LT & RT	6	2	461		615		69	277		10.2	
462+74	TO	463+34	LT	6	2	60		40		4	18		0.7	
462+74	TO	463+34	RT											NO SHOULDER THROUGH TECHNOLOGY DRIVE
463+34	TO	468+00	LT & RT	6	2	466		621		70	280		10.3	
468+00	TO	470+00	LT & RT		2	200							4.4	
470+00 BK = 471+61.1 AH														STATION EQUATION
471+61.1	TO	496+46	LT & RT		2	2485							55.0	
496+46	TO	496+54	LT & RT											OMIT RAILROAD CROSSING

MODEL: Schedule-2 [Sheet]
FILE NAME: c:\p\work\w\toharj\1043438\0978812-SHE-Schedules.dgn

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: SHEET 12 OF 21 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	12
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				

SHOULDER RESURFACING SCHEDULE - CONTINUED (2 OF 2)

LOCATION STATION TO STATION				SHOULDER WIDTH	AGGREGATE SHOULDER WIDTH	SHOULDER LENGTH	HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	HOT-MIX ASPHALT SHOULDERS	BITUMINOUS MATERIALS (TACK COAT)	AGGREGATE WEDGE SHOULDER, TYPE B	COMMENTS
OLD IL 13				FOOT	FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	TON	POUND	TON	
START	TO	END	OFFSET											
496+54	TO	498+00	LT & RT		2	146							3.2	
498+00	TO	521+99	LT & RT	3	2	2399		1599			179	720	53.1	
521+99	TO	522+14	LT & RT	3	2	15		10			1	5	0.3	SHOULDER SURFACE REMOVAL TRANSITION
522+14	TO	524+63.5	LT & RT	3	2	250			166		19	75	5.5	
524+63.5	TO	525+36.5	LT & RT											NO SHOULDER OVER SN: 100-0032 OR APPROACHES
525+36.5	TO	527+86	LT & RT	3	2	250			166		19	75	5.5	
527+86	TO	528+01	LT & RT	3	2	15		10			1	5	0.3	SHOULDER SURFACE REMOVAL TRANSITION
528+01	TO	530+97	LT & RT	3	2	296		197			22	89	6.6	
530+97	TO	531+43	LT											NO SHOULDER THROUGH BRIGGS ROAD
530+97	TO	531+43	RT	3	2	46		15			2	7	0.5	
531+43	TO	532+65	LT & RT	3	2	122		81			9	37	2.7	
532+65	TO	533+45	LT											NO SHOULDER THROUGH BRIGGS ROAD
532+65	TO	533+45	RT	3	2	80		27			3	12	0.9	
533+45	TO	534+25.9	LT & RT	3	2	81		54			6	24	1.8	
534+25.9 BK = 534+35.6 AH														STATION EQUATION
534+35.6	TO	560+10.5	LT & RT	3	2	2575		1717			192	772	57.0	
560+10.5 BK = 560+51.4 AH														STATION EQUATION
560+51.4	TO	567+90	LT & RT	3	2	739		492			55	222	16.4	
567+90	TO	568+30	LT											NO SHOULDER THROUGH PCC ENTRANCE
567+90	TO	568+30	RT	3	2	40		13			1	6	0.4	
568+30	TO	570+99	LT & RT	3	2	269		179			20	81	6.0	
570+99	TO	571+29	LT											NO SHOULDER THROUGH HMA ENTRANCE
570+99	TO	571+29	RT	3	2	30		10			1	5	0.3	
571+29	TO	580+94	LT & RT	3	2	965		643			72	290	21.4	
580+94	TO	581+19	LT & RT	3	2	25	17				2	8	0.6	END OF JOB BUTT JOINT
TOTALS							17	6406	333	1869	966	3881	318	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: SHEET 13 OF 21 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	13
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				

SIDEROAD SCHEDULE (1 OF 1)

LOCATION		EXISTING SURFACE	EOP WIDTH	WIDTH AT 15' OFFSET	ROADWAY AREA	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	INCIDENTAL HOT-MIX ASPHALT SURFACING	TEMPORARY RAMP	BITUMINOUS MATERIALS (TACK COAT)	COMMENTS
OLD IL 13		FOR INFORMATION ONLY								
STATION	OFFSET		FOOT	FOOT	SQ FT	SQ YD	TON	SQ YD	POUND	
424+58	LT	HMA	55	25	600	67	5.6	6	30	MAIN STREET
452+14	LT & RT	HMA	150	100	1875			67		WOLF CREEK ROAD (NO INCIDENTAL SURFACING DUE TO INLAY)
463+04	RT	HMA	60	30	675	75	6.3	7	34	TECHNOLOGY DRIVE
478+90	RT	HMA	110	64	1305	145	12.2	12	65	RESEARCH ROAD
492+20	LT	HMA	90	40	975	108	9.1	10	49	SAMUEL ROAD
531+20	LT	HMA	45	35	600	67	5.6	5	30	BRIGGS ROAD
533+05	LT	HMA	80	60	1050	117	9.8	9	53	BRIGGS ROAD
TOTALS						579	49	116	261	

ENTRANCE SCHEDULE (1 OF 1)

LOCATION		EXISTING SURFACE	EOP WIDTH	WIDTH AT 4' OFFSET	ROADWAY AREA	INCIDENTAL HOT-MIX ASPHALT SURFACING	BITUMINOUS MATERIALS (TACK COAT)	COMMENTS
OLD IL 13		FOR INFORMATION ONLY						
STATION	OFFSET		FOOT	FOOT	SQ FT	TON	POUND	
468+54	LT	HMA	30	28	116	1.1	6	
479+10	LT	HMA	32	22	108	1.0	5	
484+50	LT	HMA	26	22	96	0.9	5	
488+41	LT	PCC	42	30	144	1.3	7	
568+10	LT	PCC	40	30	140	1.3	7	RAMSEY EXCAVATING
571+14	LT	HMA	30	25	110	1.0	6	
TOTALS						7	36	

SHOULDER RUMBLE STRIPS (1 OF 1)

LOCATION STATION TO STATION				SHOULDER RUMBLE STRIPS, 8 INCH	COMMENTS
OLD IL 13				FOOT	
START	TO	END	OFFSET		
441+50	TO	458+10.62	LT	1661	
441+54	TO	458+10.62	RT	1657	
458+10.62 BK = 458+13.02 AH					STATION EQUATION
458+13.02	TO	468+00	LT & RT	1974	
498+00	TO	524+63.5	LT & RT	5327	
524+63.5	TO	525+36.5	LT & RT		NO RUMBLE STRIPS OVER SN: 100-0032 OR APPROACHES
525+36.5	TO	534+25.9	LT & RT	1779	
534+25.9 BK = 534+35.6 AH					STATION EQUATION
534+35.6	TO	560+10.5	LT & RT	5150	
560+10.5 BK = 560+51.4 AH					STATION EQUATION
560+51.4	TO	581+19	LT & RT	4135	
TOTALS				21682	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: SHEET 14 OF 21 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	14
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE (1 OF 1)

LOCATION STATION TO STATION			LENGTH FOOT	PAINT PAVEMENT MARKING					LETTERS AND SYMBOLS SQ FT	LINE 24" FOOT	COMMENTS
				LINE 4"							
				EDGE	CENTERLINE			EDGE			
				LEFT SOLID	SOLID	SKIP DASH	SOLID	RIGHT SOLID			
OLD IL 13			WHITE	YELLOW	YELLOW	YELLOW	WHITE	WHITE			
START	TO	END	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT			
415+95	TO	419+50	355	355	355	90		355			
419+50	TO	421+90	240	240	240		240	240			
421+90	TO	426+20	430	430		110	430	430			
426+20	TO	436+22	1002	1002	1002		1002	1002			
436+22	TO	438+88.37	266	266	266	70		266			
438+88.37 BK = 438+89.6 AH										STATION EQUATION	
438+89.6	TO	446+40	750	750	750	190		750			
446+40	TO	448+40	200	200	200		200	200			
448+40	TO	454+70	630	630		160	630	630			
454+70	TO	456+70	200	200	200		200	200			
456+70	TO	458+10.62	141	141	141	40		141			
458+10.62 BK = 458+13.02 AH										STATION EQUATION	
458+13.02	TO	463+90	577	577	577	140		577			
463+90	TO	470+00	610	610		150		610			
470+00 BK = 471+61.1 AH										STATION EQUATION	
471+61.1	TO	472+50	89	89		20		89			
472+50	TO	477+00	450	450		110	450	450			
477+00	TO	484+50	750	750	750	190		750			
484+50	TO	490+76	626	626		160		626			
490+76	TO	496+15	539	539		130	539	539			
496+15	TO	496+46	31	31	31		31	31			
493+23								61.2	22	"R X R" WITH STOP BARS	
496+34									11	STOP BAR NEAR TRACKS	
496+46	TO	496+54								OMIT RAILROAD CROSSING	
496+67									11	STOP BAR NEAR TRACKS	
499+78								61.2	22	"R X R" WITH STOP BARS	
496+54	TO	513+73	1719	1719	1719		1719	1719			
513+73	TO	521+00	727	727	727	180		727			
521+00	TO	522+00	100	100	100		100	100			
522+00	TO	529+15	715	715		180	715	715			
529+15	TO	534+25.9	511	511	511		511	511			
534+25.9 BK = 534+35.6 AH										STATION EQUATION	
534+35.6	TO	542+30	794	794	794		794	794			
542+30	TO	547+00	470	470	470	120		470			
547+00	TO	549+00	200	200	200		200	200			
549+00	TO	554+40	540	540		140	540	540			
554+40	TO	560+10.5	571	571	571		571	571			
560+10.5 BK = 560+51.4 AH											
560+51.4	TO	560+61	10	10	10		10	10			
560+61	TO	568+82	821	821	821	210		821			
568+82	TO	581+19	1237	1237		310		1237			
SUB-TOTALS				16301	10435	2700	8882	16301			
TOTALS						54619			122.4	66	

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULES
SCALE: SHEET 15 OF 21 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	15
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				

PATCHING SCHEDULE (1 OF 1)

LOCATION STATION (APPROXIMATE)	EASTBOUND LANES			WESTBOUND LANES			CLASS C PATCHES, TYPE I, 15 INCH	CLASS C PATCHES, TYPE II, 15 INCH	COMMENTS
	LENGTH	WIDTH	SQ YD	LENGTH	WIDTH	SQ YD			
	FOR INFORMATION ONLY								
OLD IL 13	FOOT	FOOT	SQ YD	FOOT	FOOT	SQ YD	SQ YD	SQ YD	
415+95				6	11	7.3		7.3	START OF JOB
420+01				4	11	4.9	4.9		
421+23	6	11	7.3					7.3	
425+29				6	11	7.3		7.3	
426+51	6	11	7.3					7.3	
430+57				6	11	7.3		7.3	
431+79	4	11	4.9				4.9		
435+85				4	11	4.9	4.9		
437+07	4	11	4.9				4.9		
441+13				4	11	4.9	4.9		
442+35	6	11	7.3					7.3	
446+41				4	11	4.9	4.9		
447+63	6	11	7.3					7.3	
478+09				6	11	7.3		7.3	
479+31	4	11	4.9				4.9		
483+37				6	11	7.3		7.3	
484+59	6	11	7.3					7.3	
488+65				4	11	4.9	4.9		
491+29				4	11	4.9	4.9		
493+93				6	11	7.3		7.3	
500+43	6	11	7.3					7.3	
516+27	6	11	7.3					7.3	
532+11	4	11	4.9				4.9		
536+17				6	11	7.3		7.3	
552+01				4	11	4.9	4.9		
553+23	6	11	7.3					7.3	
554+65				4	11	4.9	4.9		
558+51	6	11	7.3					7.3	
562+57				6	11	7.3		7.3	
563+79	6	11	7.3					7.3	
567+85				4	11	4.9	4.9		
569+07	4	11	4.9				4.9		
573+13				4	11	4.9	4.9		
574+35	4	11	4.9				4.9		
575+77				6	11	7.3		7.3	
576+99	6	11	7.3					7.3	
578+41				4	11	4.9	4.9		
579+63	4	11	4.9				4.9		
581+19				6	11	7.3		7.3	END OF JOB
TOTALS							88	154	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

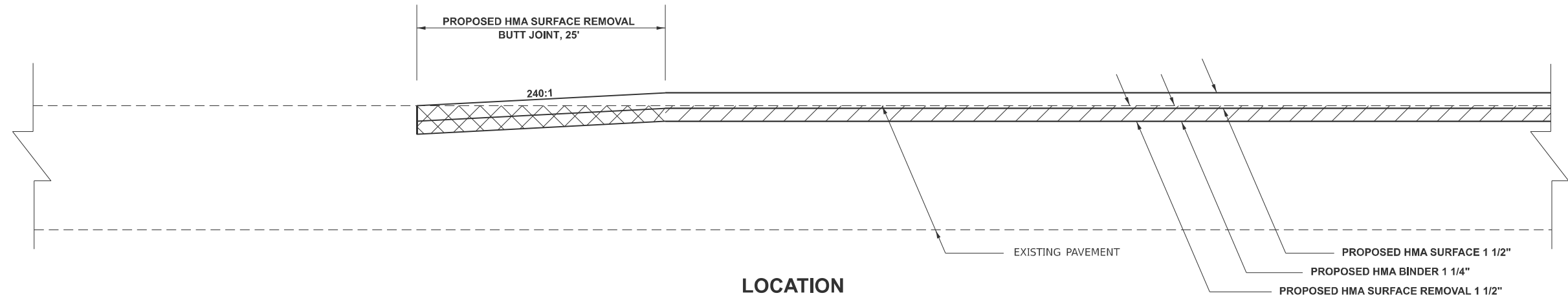
SCHEDULES

SCALE: SHEET 16 OF 21 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	16
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				

MAINLINE BUTT JOINT DETAIL

(NOT TO SCALE)

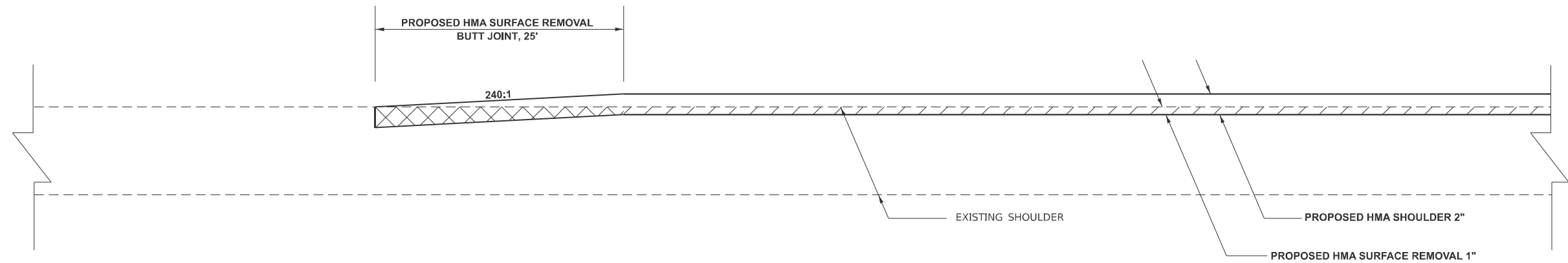


LOCATION

STA. 415+95 TO STA. 416+20
 STA. 496+21 TO STA. 496+46
 STA. 496+54 TO STA. 496+79
 STA. 580+94 TO STA. 581+19

SHOULDER BUTT JOINT DETAIL

(NOT TO SCALE)



LOCATION

STA. 580+94 TO STA. 581+19

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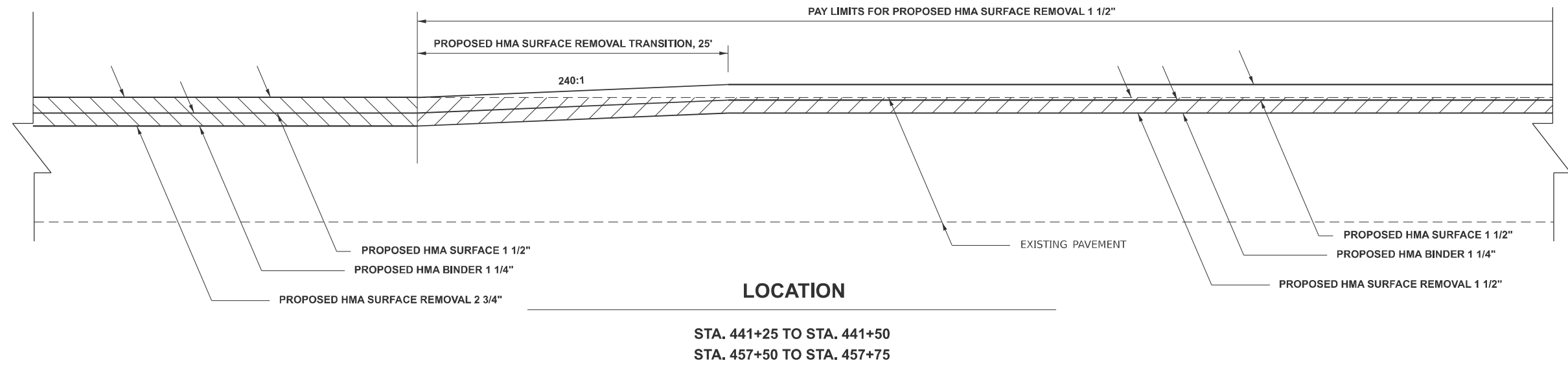
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAILS: MAINLINE BUTT JOINT,
 SHOULDER BUTT JOINT

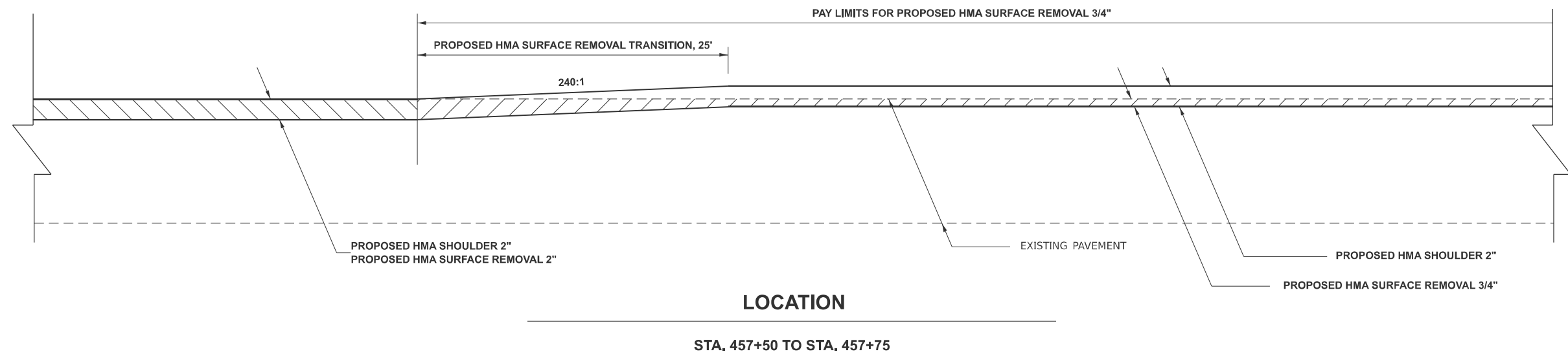
SCALE: SHEET 17 OF 21 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	17
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				

MAINLINE SURFACE REMOVAL TRANSITION DETAIL (NOT TO SCALE)



SHOULDER SURFACE REMOVAL TRANSITION DETAIL (NOT TO SCALE)



MODEL: Details-2 (Sheet)
FILE NAME: c:\p\work\jwh\shif\1043438\0978812-SHIF-Details.dgn

USER NAME = Jared.Harp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/9/2025	DATE -	REVISED -

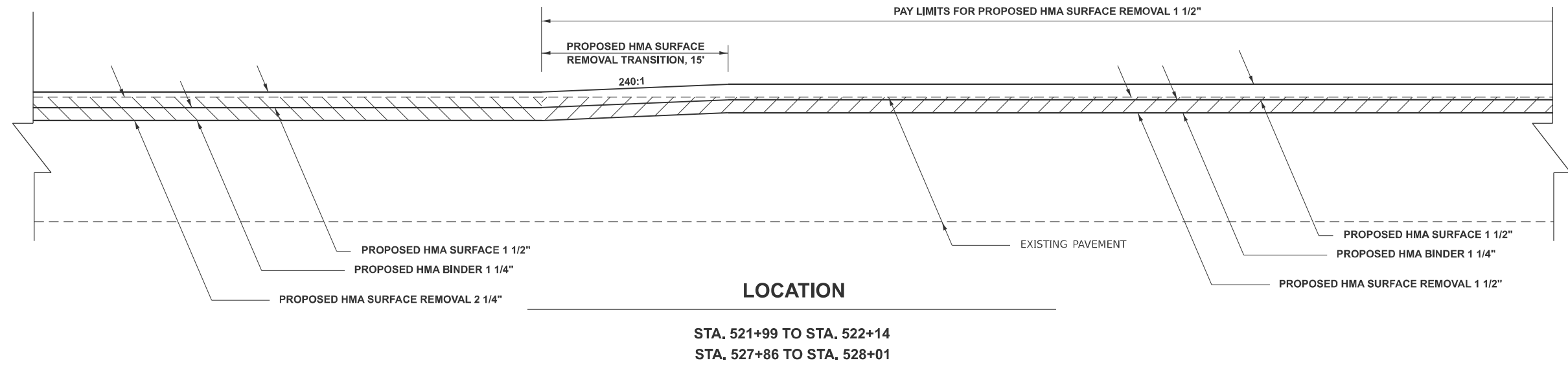
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS: MAINLINE SURFACE REMOVAL TRANSITION,
SHOULDER SURFACE REMOVAL TRANSITION**

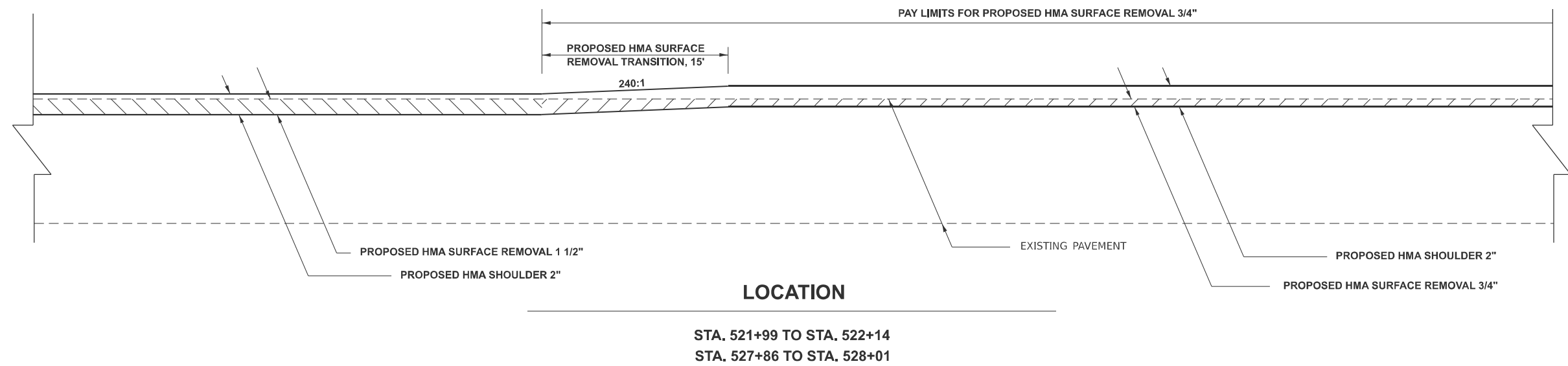
SCALE: SHEET 18 OF 21 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	18
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				

MAINLINE SURFACE REMOVAL TRANSITION DETAIL (NOT TO SCALE)



SHOULDER SURFACE REMOVAL TRANSITION DETAIL (NOT TO SCALE)



MODEL: Details-3 (Sheet)
FILE NAME: c:\p\work\jwh\harp\10143438\0978812-SHF-Details.dgn

USER NAME = Jared.Harp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/10/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

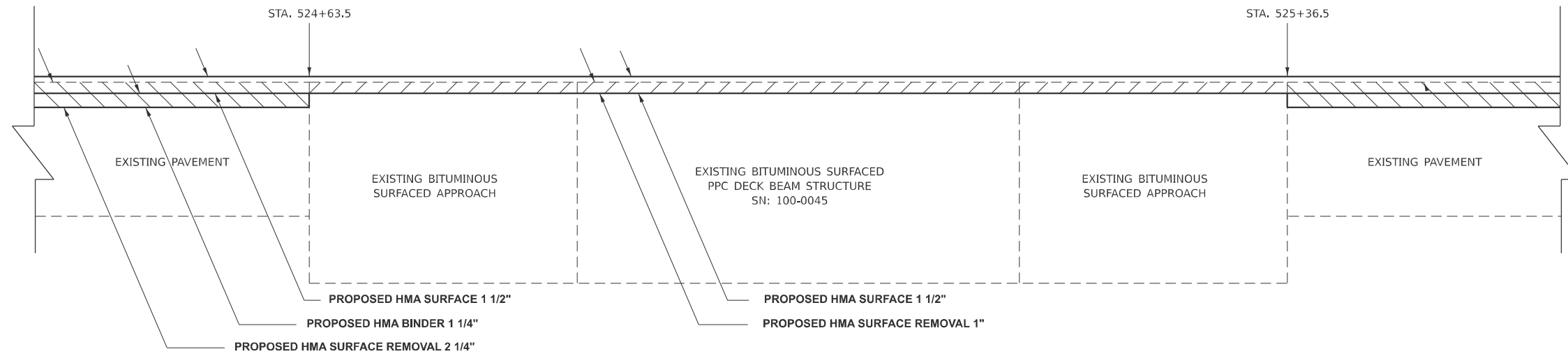
**DETAILS: MAINLINE SURFACE REMOVAL TRANSITION,
SHOULDER SURFACE REMOVAL TRANSITION**

SCALE: SHEET 19 OF 21 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	19
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				

BRIDGE APPROACH AND STRUCTURE RESURFACING DETAIL

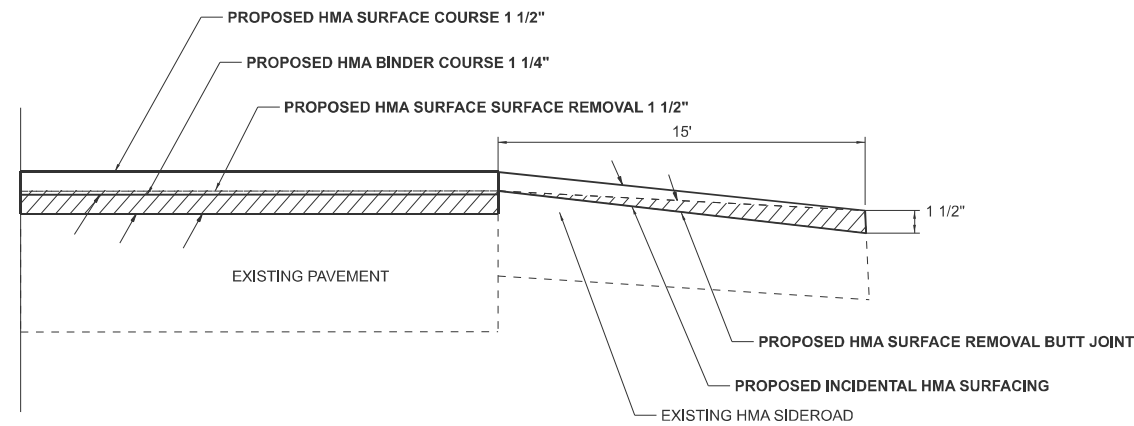
SN: 100-0045
(NOT TO SCALE)



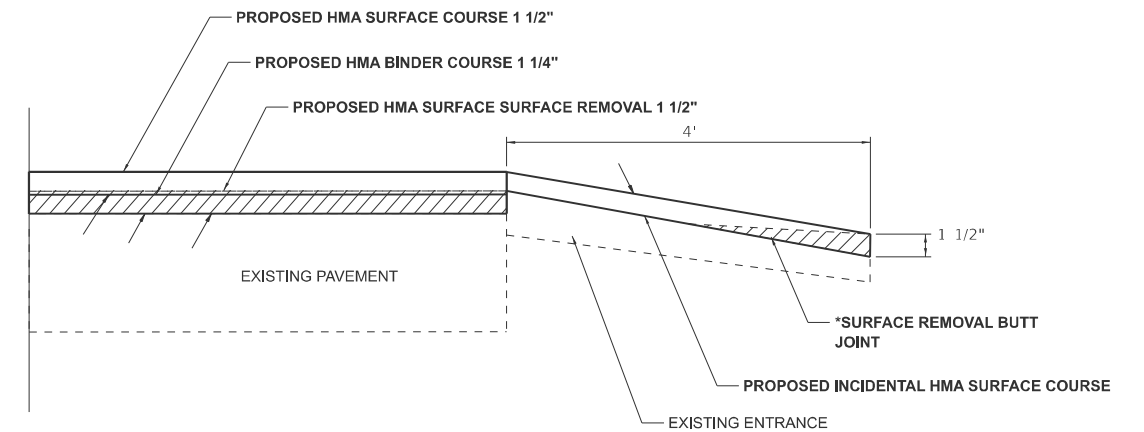
LOCATION

STA. 524+63.5 TO STA. 525+36.5

HMA SIDEROADS WITH BUTT JOINT (NOT TO SCALE)



HMA OR PCC ENTRANCE (NOT TO SCALE)



1. IF THE EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDEROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF EXISTING SUBBASE IS DETERMINED TO BE ADEQUATE, THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.
2. *SURFACE REMOVAL BUTT JOINT ON ENTRANCES IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACING.

MODEL: Detail-4 (Sheet)
FILE NAME: c:\p\work\wintonharp\10143438\0978812-SHF-Details.dgn

USER NAME = Jared.Harp	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/10/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS: BRIDGE APPROACH AND STRUCTURE RESURFACING,
HMA SIDEROADS, HMA OR PCC ENTRANCES

SCALE: SHEET 20 OF 21 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	20
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				

SHORT TERM PAVEMENT MARKING DETAIL

(NOT TO SCALE)

RAILROAD STOP BARS AND STOP BARS

3 - 4" LINES (LANE WIDTH)



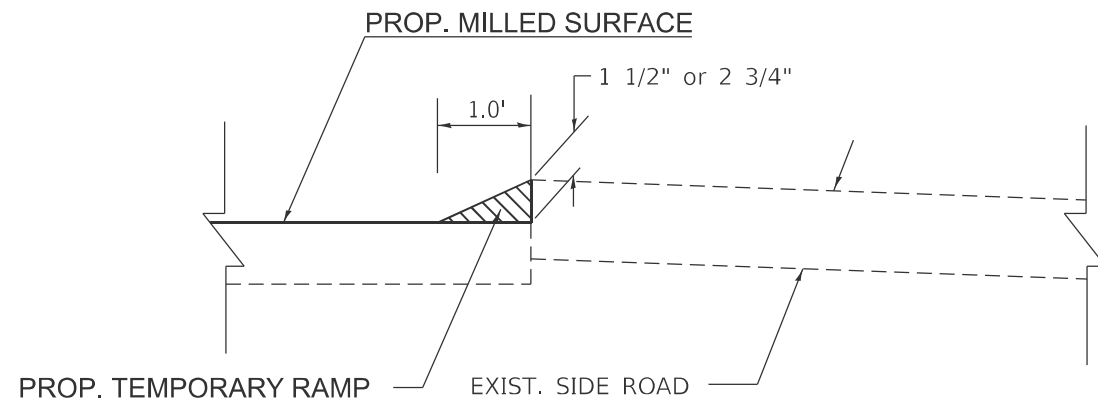
RAILROAD "R"
RAILROAD "X"

1 - 4" (14' TOTAL)
2 - 4" (40' PER "X")



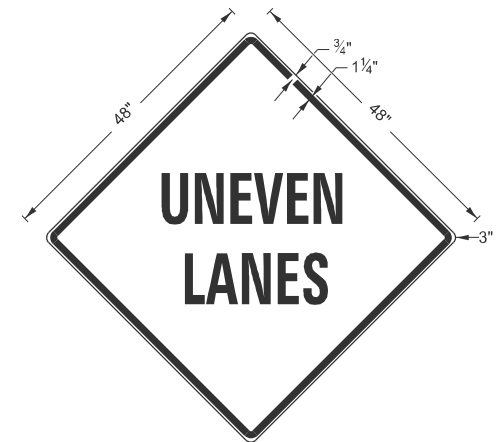
TEMPORARY RAMP AT SIDEROADS

(NOT TO SCALE)



UNEVEN LANES SIGN

W8-11 (48" X 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

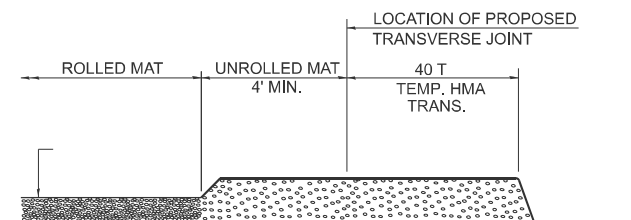
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

DRAWN	02-15-89
REVISED	05-08-08
REVISED	10-21-21
REVISED	05-27-22

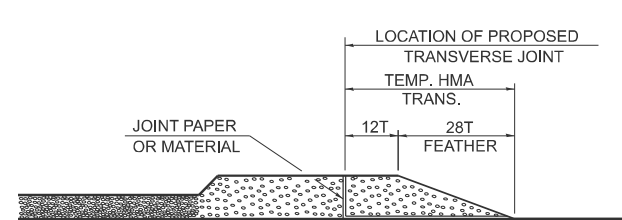
STD. 9-24

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



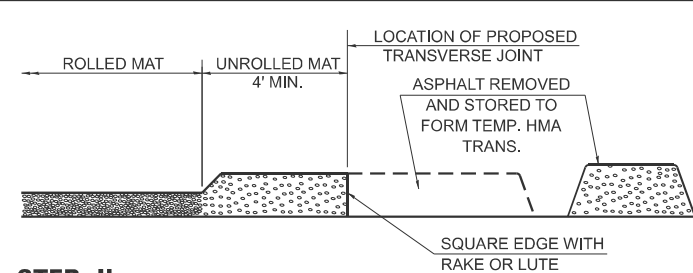
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



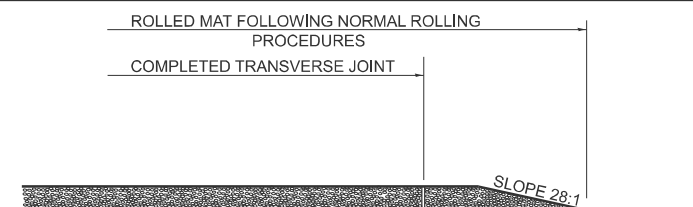
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



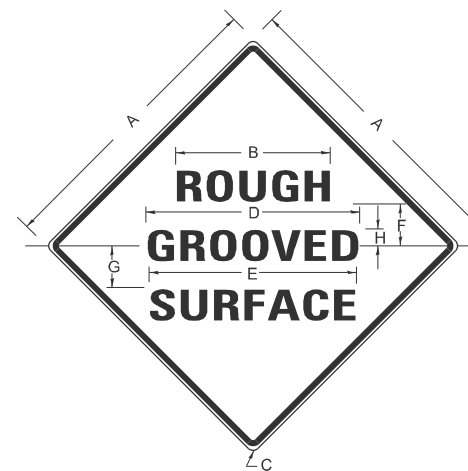
STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

DRAWN	02-15-89
REVISED	01-09-07
REVISED	10-21-21
REVISED	05-26-22

STD. 9-18

ILLINOIS STANDARD ROUGH GROOVED SURFACE SIGN



COLORS

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR-GIN	BOR-DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

DRAWN	02-15-89
REVISED	03-27-08
REVISED	10-21-21
REVISED	05-27-22

STD. 9-23

MODEL: Details-5 (Sheet)
FILE NAME: c:\p\work\w\info\harp\1043438\0978812-SHIF-Details.dgn

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/10/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS: SHORT TERM PAVEMENT MARKING, TEMP RAMP AT SIDEROADS,
UNEVEN LANES, TEMP HMA TRANSITIONS, ROUGH GROOVED SURFACE

SCALE: SHEET 21 OF 21 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
909	1RS-2	WILLIAMSON	21	21
CONTRACT NO. 78B12				
ILLINOIS FED. AID PROJECT				