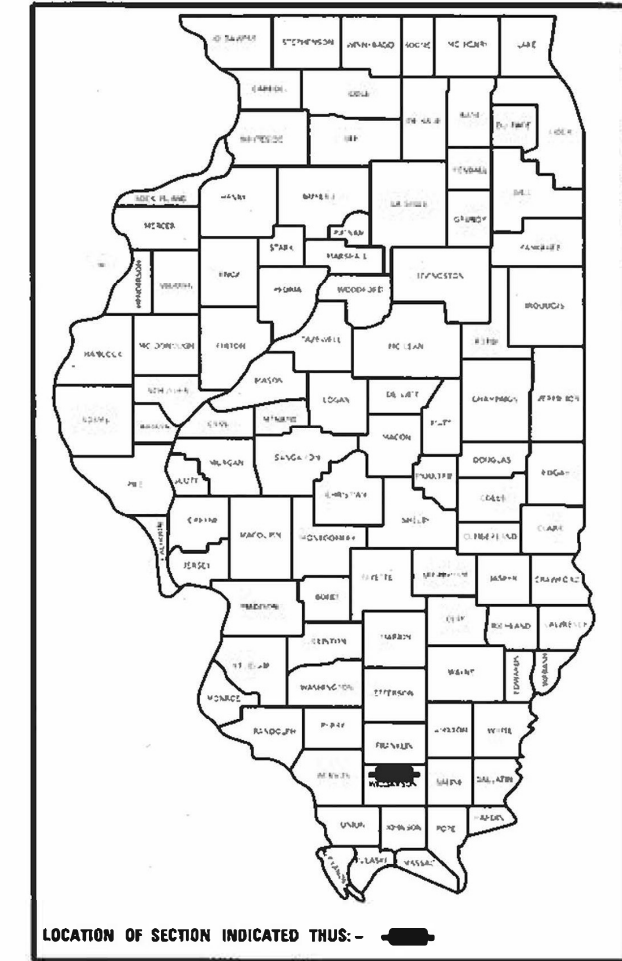


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
"	(20,2-1,37,2)RS-2	WILLIAMSON	22	1

FAS 907/908/909

D-99-020-22



**PROPOSED
HIGHWAY PLANS**

FAS 907/908/909 (CAMBRIA RD/HERRIN RD/DIVISION ST.)
SECTION (20,2-1,37,2)RS-2
PROJECT STP-HSIP-BIT0(540)
RESURFACING
WILLIAMSON COUNTY

C-99-032-22

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-7
FOR STRUCTURAL PAVEMENT DESIGN INFORMATION, SEE SHEET NO.

TRAFFIC DATA (2023)

FAS 907 (CAMBRIA RD.) ADT: 5,660 %TRUCKS: 2.7%
FAS 908 (HERRIN RD.) ADT: 4,670 %TRUCKS: 6.3%
FAS 909 (DIVISION ST.) ADT: 2,860 %TRUCKS: 4.9%

TOWNSHIPS
HURST
BLAIRSVILLE
COLP

PROJECT ENDS: 149 CAMBRIA RD.
INTERSECTION STA. 161+14

BRIDGE OMISSION SN 100-0062

STA. EQ. 105+02.92 BK = 104+80.96 AH

STA. EQ. 133+32.29 BK = 132+29.8 AH

PROJECT ENDS:
PAST
INTERSECTION
STA. 131+64

PROJECT BEGINS:
AT INTERSECTION
DIVISION STREET
STA. 0+00

COORDINATE SYSTEM : ILLINOIS COORDINATE SYSTEM, EAST ZONE

POSTED SPEED : 45/55 MPH

PROJECT BEGINS: BLAIRSVILLE
ROUNDAABOUT CAMBRIA RD.
STA. 86+44.6

PROJECT BEGINS: BLAIRSVILLE ROUNDAABOUT
HERRIN ROAD STA. 8+45.7

PROJECT ENDS: STATE
MAINTENANCE SIGN
DIVISION ST. STA. 56+80

GROSS LENGTH = 31,226 FT = 5.9 MILES
NET LENGTH = 29,357 FT = 5.6 MILES

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

PROJECT ENGINEER: SUSAN POE
PROJECT DESIGNER: JAKE STARK

CONTRACT NO. 78926

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED MARCH 20 20 23

Kirk A. Brown
REGION FIVE ENGINEER

May 12, 2023 *[Signature]*
ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2023 *[Signature]*
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: _____
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Cassie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: [Signature]
DISTRICT OPERATIONS ENGINEER

Examined By: Dave J. [Signature]
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Dave J. [Signature]
DISTRICT CONSTRUCTION ENGINEER

Examined By: Aam W. [Signature]
DISTRICT MATERIALS ENGINEER

MODEL: Signature Sheet
FILE NAME: [Path]

USER NAME	= Jacob.Stark	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
PLOT SCALE	= 0.16666633 / in.	DATE	-	REVISED	-
PLOT DATE	= 2/23/2023				

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

SCALE: 1"=50' SHEET 2 OF 22 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	(20.2-1.37.2)RS-2	WILLIAMSON	22	2
			CONTRACT NO. 78926	
ILLINOIS FED. AID PROJECT				

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

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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

VIBRATORY ROLLERS WILL NOT BE ALLOWED WITHIN THE CORPORATE LIMITS OF COLP

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

COMMITMENTS: NONE

HMA MIXTURE REQUIREMENTS TABLES

The following HMA mixture requirements are applicable for this project

Locations	HOT-MIX ASPHALT SURFACE COURSE
Mixture Use(s):	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70
AB/PG:	PG 64-22
ABR % (Max):	SEE SPECIAL PROVISION
Design Air Voids:	4.0 %, 70 GYRATION DESIGN
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	MIX D
Mixture Weight:	112 LBS/SQ YD/IN
Quality Management Program:	QCP
Sublot Size:	1000 TON
Material Transfer Device (Required?)	Yes

Locations	HOT-MIX ASPHALT BINDER
Mixture Use(s):	HOT-MIX ASPHALT BINDER COURSE IL-9.5 FG, N70
AB/PG:	PG64-22
ABR % (Max):	SEE SPECIAL PROVISION
Design Air Voids:	4.0 %, 70 GYRATION DESIGN
Mixture Composition: (Gradation Mixture)	IL-9.5mm FINE GRADED
Friction Aggregate:	NONE
Mixture Weight:	112 LBS/SQ YD/IN
Quality Management Program:	QCP
Sublot Size:	1000 TON
Material Transfer Device (Required?)	YES

Locations	HOT-MIX ASPHALT SHOULDERS 8" LOWER LIFTS
Mixture Use(s):	HOT-MIX ASPHALT BINDER COURSE, N70, IL-19.0
AB/PG:	PG 64-22
ABR % (Max):	SEE SPECIAL PROVISION
Design Air Voids:	4.0 %, 70 GYRATION DESIGN
Mixture Composition: (Gradation Mixture)	IL 19.0 mm
Friction Aggregate:	NONE
Mixture Weight:	112 LBS/SQ YD/IN
Quality Management Program:	QCQA
Sublot Size:	3000 TON
Material Transfer Device (Required?)	NO

Locations	HOT-MIX ASPHALT SHOULDERS 8" TOP LIFT, INCIDENTAL RESURFACING
Mixture Use(s):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70 9.5 mm
AB/PG:	PG64-22
ABR % (Max):	SEE SPECIAL PROVISION
Design Air Voids:	4.0 %, 70 GYRATION DESIGN
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	C SURFACE
Mixture Weight:	112 LBS/SQ YD/IN
Quality Management Program:	QCQA
Sublot Size:	3000 TON
Material Transfer Device (Required?)	NO

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	DRAWN -	REVISED -
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PLOT DATE = 3/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES, MIX REQUIREMENTS

SCALE: 1"=50' SHEET 4 OF 22 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	4
CONTRACT NO. 78926				
ILLINOIS FED. AID PROJECT				

FAS 907/908/909

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY: WILLIAMSON CO			
				ROUTE: FAS 907 (CAMBRIA RD)	ROUTE: FAS 908 (HERRIN RD)	ROUTE: FAS 909 (DIVISION ST)	ROUTE: FAS 907 (CAMBRIA RD)
				FUNDING: 80% FEDERAL / 20% STATE	FUNDING: 80% FEDERAL / 20% STATE	FUNDING: 80% FEDERAL 20% STATE	FUNDING: 90% FEDERAL 10% STATE
				LOCATION: RURAL	LOCATION: RURAL	LOCATION: RURAL	LOCATION: RURAL
				ROADWAY 0005	ROADWAY 0005	ROADWAY 0005	ROADWAY 0021
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	113				113
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	58,254	14,618	29,747	11,867	2,022
40600370	LONGITUDINAL JOINT SEALANT	FOOT	29,335	6,980	12,553	9,802	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,407	762	645	0	
40600990	TEMPORARY RAMP	SQ YD	210	113	70	27	
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	5,078	1,418	2,538	1,122	
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	6,251	1,703	3,046	1,502	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	131	69	58	4	
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	1,364			1,364	
44000154	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/4"	SQ YD	11,054		11,054		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	21,004	16,913		4,091	
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	48,208		36,265	11,943	
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	4,431	4,431			
44201361	CLASS C PATCHES, TYPE I, 11 INCH	SQ YD	3		3		

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REV. - MS

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FAS 907/908/909

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 907 (CAMBRIA RD)	FAS 908 (HERRIN RD)	FAS 909 (DIVISION ST)	FAS 907 (CAMBRIA RD)
				FUNDING:	80% FEDERAL / 20% STATE	80% FEDERAL / 20% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE
				LOCATION:	RURAL ROADWAY 0005	RURAL ROADWAY 0005	RURAL ROADWAY 0005	RURAL ROADWAY 0021
44201365	CLASS C PATCHES, TYPE II, 11 INCH	SQ YD	180			138	42	
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SQ YD	41	41				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	502	144	319		39	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	4,492					4,492
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1,192	110	929		153	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	32,779	2,348	19,895		2,454	8,082
67100100	MOBILIZATION	L SUM	1	0.25	0.25		0.25	0.25
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.33	0.34		0.33	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1					1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.33	0.34		0.33	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	28	14		14	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7,563	2,093	3,766		1,704	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,521	698	1,255		568	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	58,804	21,135	33,180		4,489	

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REV. - MS


FAS 907/908/909

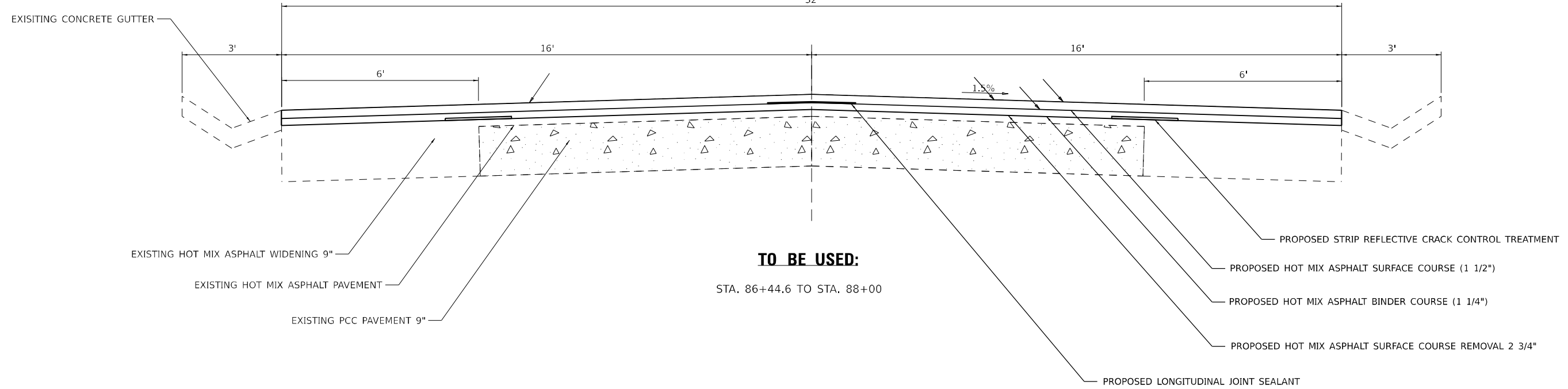
SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO	WILLIAMSON CO
				ROUTE:	FAS 907 (CAMBRIA RD)	FAS 908 (HERRIN RD)	FAS 909 (DIVISION ST)	FAS 907 (CAMBRIA RD)
				FUNDING:	80% FEDERAL / 20% STATE	80% FEDERAL / 20% STATE	80% FEDERAL 20% STATE	90% FEDERAL 10% STATE
				LOCATION:	RURAL ROADWAY 0005	RURAL ROADWAY 0005	RURAL ROADWAY 0005	RURAL ROADWAY 0021
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	36	0	24	12	
*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	58,804	21,135	33,180	4,489	
*	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	36	0	24	12	
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	307	85	154	68	
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	307	85	154	68	
	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	19,673	7,045	11,108	1,520	
	X4430200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	28,102	2,996	25,106	0	
	Z0034105	MATERIAL TRANSFER DEVICE	TON	11,329	3,121	5,584	2,624	

* SPECIALTY ITEM

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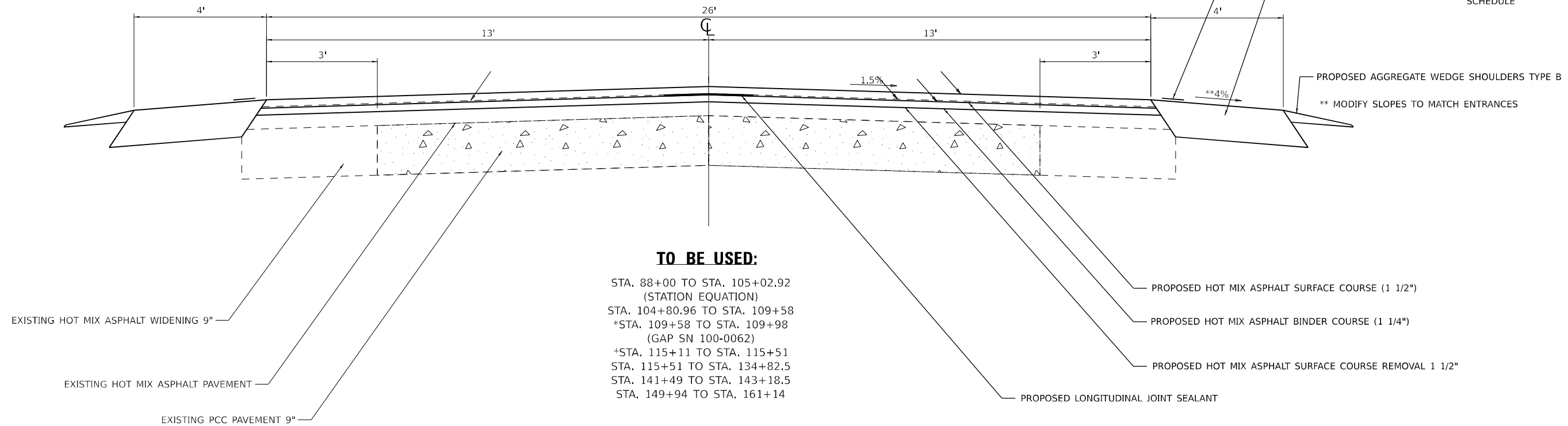

FAS 907
(CAMBRIA ROAD)
 32'



TO BE USED:

STA. 86+44.6 TO STA. 88+00


FAS 907
(CAMBRIA ROAD)
 26'



TO BE USED:

STA. 88+00 TO STA. 105+02.92
 (STATION EQUATION)
 STA. 104+80.96 TO STA. 109+58
 *STA. 109+58 TO STA. 109+98
 (GAP SN 100-0062)
 *STA. 115+11 TO STA. 115+51
 STA. 115+51 TO STA. 134+82.5
 STA. 141+49 TO STA. 143+18.5
 STA. 149+94 TO STA. 161+14



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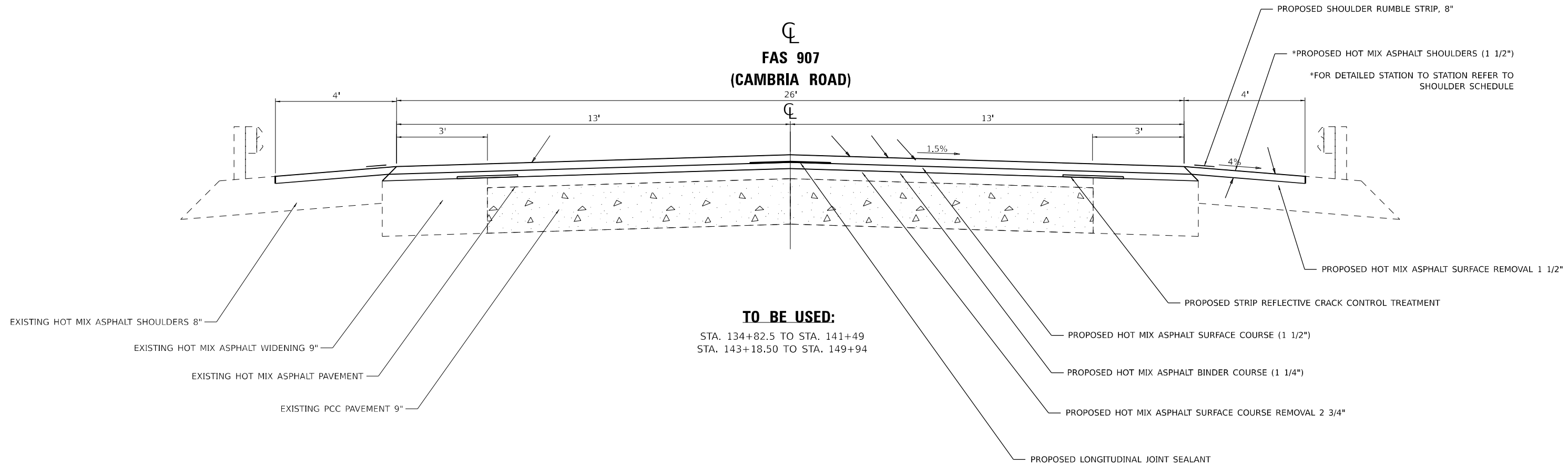
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	DRAWN -	REVISED -
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PLOT DATE = 3/22/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

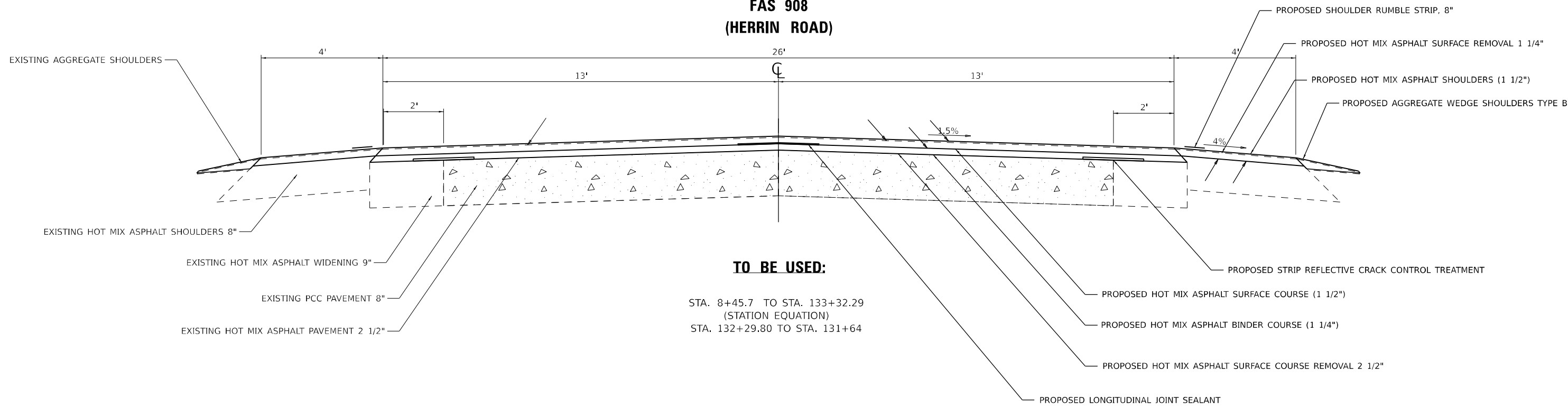
TYPICALS			
SCALE: 1"=50'	SHEET 8	OF 22 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	8
CONTRACT NO. 78926				
ILLINOIS FED. AID PROJECT				


FAS 907
(CAMBRIA ROAD)





FAS 908
(HERRIN ROAD)

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PLOT DATE = 3/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

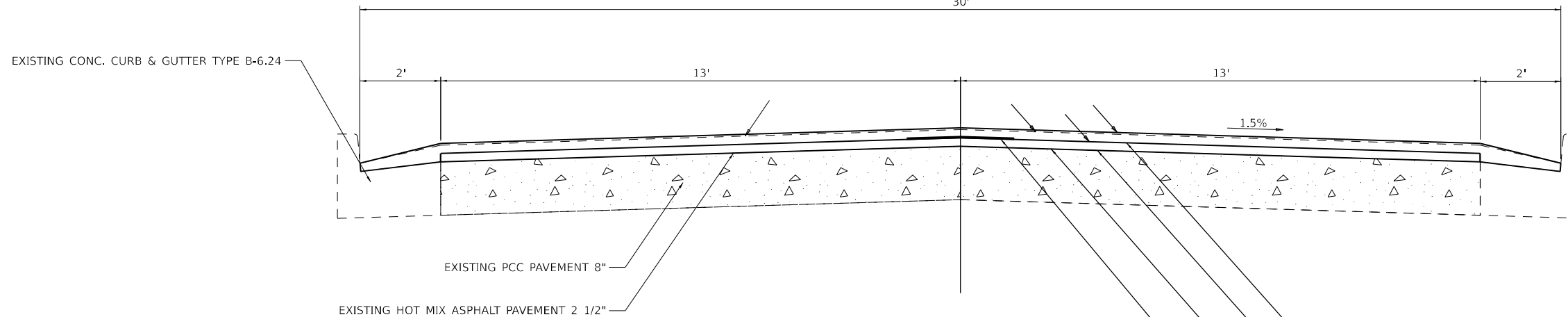
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SCALE: 1"=50' SHEET 9 OF 22 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	9
CONTRACT NO. 78926				
ILLINOIS FED. AID PROJECT				

FAS 907/908/909


FAS 909
(DIVISION STREET)
 30'



* PAVE HMA BINDER COURSE TO THE EDGE OF THE GUTTER FLAG

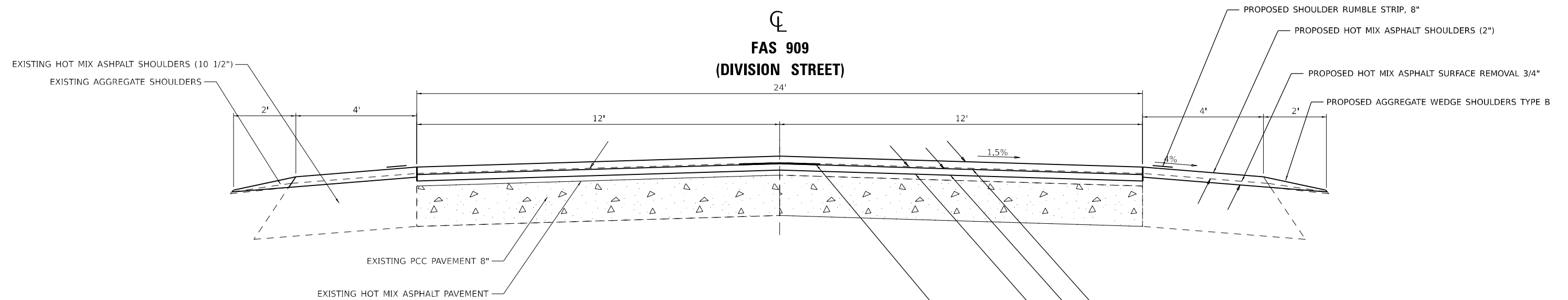
** TAPER HMA SURFACE COURSE FROM 2 3/4" AT EDGE OF PAVEMENT TO 1 1/4" AT FACE OF CURB

TO BE USED:

STA. 0+12 TO STA. 41+46

- PROPOSED HOT MIX ASPHALT SURFACE COURSE (1 1/2")
- PROPOSED HOT MIX ASPHALT BINDER COURSE (1 1/4")
- PROPOSED HOT MIX ASPHALT SURFACE COURSE REMOVAL 2 1/2"
- PROPOSED LONGITUDINAL JOINT SEALANT


FAS 909
(DIVISION STREET)
 24'



TO BE USED:

STA. 41+46 TO STA. 56+80

- PROPOSED SHOULDER RUMBLE STRIP, 8"
- PROPOSED HOT MIX ASPHALT SHOULDERS (2")
- PROPOSED HOT MIX ASPHALT SURFACE REMOVAL 3/4"
- PROPOSED AGGREGATE WEDGE SHOULDERS TYPE B
- PROPOSED HOT MIX ASPHALT SURFACE COURSE (1 1/2")
- PROPOSED HOT MIX ASPHALT BINDER COURSE (1 1/4")
- PROPOSED HOT MIX ASPHALT SURFACE COURSE REMOVAL 1 1/2"
- PROPOSED LONGITUDINAL JOINT SEALANT

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PLOT DATE = 3/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS			
SCALE: 1"=50'	SHEET 10	OF 22 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	10
CONTRACT NO. 78926				
ILLINOIS FED. AID PROJECT				

FAS 907/908/909

RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH	PAVEMENT WIDTH	HOT-MIX ASPHALT BINDER COURSE IL- 9.5 FG, N70 (1 1/4")	HOT-MIX ASPHALT SURFACE COURSE IL- 9.5, N70 (1 1/2")	BITUMINOUS MATERIALS TACK COAT	STRIP REFLECTIVE CRACK CONTROL	AGGREGATE WEDGE SHOULDERS, TYPE B	LONGITUDINAL JOINT SEALER	TEMPORARY RAMP	REMARKS
	(FEET)	(FEET)	(TON)	(TON)	(POUND)	(FEET)	(TON)	(FEET)	(SQ YD)	
CAMBRIA ROAD										
86+44.6 TO 88+00	155	32	39	46	372	310		155	18	
88+00 TO 105+02.92	1703	26	344	413	3,321		44	1,703		
STA EQ 105+02.92 BK = 104+80.96 AH										
104+80.96 TO 109+58	477	26	96	116	930		13	477		
109+58 TO 109+98	40	26	8	10	78		2	40	14	TRANSITION INTO BRIDGE APPROACH SN 100-0062
109+98 TO 115+11. GAP SN 100-0062										
115+11 TO 115+51	40	26	8	10	78		2	40	14	TRANSITION OFF OF BRIDGE APPROACH SN 100-0062
115+51 TO 134+82.5	1932	26	391	469	3,767		49	1,932		
134+82.5 TO 141+49	667	26	135	162	1,301	1,334		667		GUARD RAIL SECTION INLAY
141+49 TO 143+18.5	170	26	34	41	332		5	170		1.5" MILLING
143+18.5 TO 149+94	676	26	137	164	1,318	1,352		676		GUARD RAIL SECTION INLAY
149+94 TO 161+14	1120	26	226	272	2,184		29	1,120	14	END AT BEGINNING OF CURB AT 149 INTERSECTION
SUBTOTAL	6,980		1,418	1,703	13,681	2,996	144	6,980	60	
HERRIN ROAD										
08+45.7 TO 133+32.29	12,487	26	2,525	3,030	24,350	24,974	317	12,487	14	
STA EQ 133+32.29 BK = 132+29.8 AH										
132+29.8 TO 131+64	66	26	13	16	129	132	2	66	14	
SUBTOTAL	12,553		2,538	3,046	24,479	25,106	319	12,553	28	
DIVISION STREET										
00+12 TO 41+46	4,134	26	836		5,374			4,134	14	STOP BINDER AT BASE OF GUTTER FLAG
00+12 TO 41+46	4,134	30		1,158	3,101			4,134		TAPER HMA SC FROM EDGE OF PAVEMENT INTO CURB
41+46 TO 56+80	1,534	24	286		2,761		39	1,534	13	
SUBTOTAL	9,802		1,122	1,502	11,236		39	9,802	27	
TOTALS										
	29,335		5,078	6,251	49,396	28,102	502	29,335	115	

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	DRAWN -	REVISED -	
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PLOT DATE = 3/22/2023	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING SCHEDULE

SCALE: 1"=50' SHEET 11 OF 22 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	11
CONTRACT NO. 78926				
ILLINOIS FED. AID PROJECT				

REMOVAL SCHEDULE

LOCATION STATION TO STATION	LENGTH	PAVEMENT WIDTH	PAVEMENT AREA	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2"	REMARKS
	(FEET)	(FEET)	(SQ FT)	(SQ YD)	(SQ YD)	(SQ YD)	
CAMBRIA ROAD							
86+44.6 TO 88+00.	155	32	4,960		551		
88+00. TO 105+02.92	1,703	26	44,278	4,920			
STA EQ 105+02.92 BK = 104+80.96 AH				STATION EQUATION			
104+80.96 TO 109+58.	477	26	12,402	1,378			
109+58. TO 109+98.	40	26	1,040				TRANSITION INTO BRIDGE APPROACH SN 100-0062
109+98. TO 115+11.	GAP SN 100-0062						BRIDGE OMISSION
115+11 TO 115+51	40	26	1,040				TRANSITION OFF OF BRIDGE APPROACH SN 100-0062
115+51 TO 134+83	1,932	26	50,232	5,581			
134+83 TO 141+49	667	26	17,342		1,927		GUARD RAIL SECTION INLAY
141+49 TO 143+19	170	26	4,420	491			1.5" MILLING
143+19 TO 149+94	676	26	17,576		1,953		GUARD RAIL SECTION INLAY
149+94 TO 161+14	1,120	26	29,120	3,236			END AT BEGINNING OF CURB AT 149 INTERSECTION
SUBTOTAL	6,980			15,606	4,431		
HERRIN ROAD							
08+45.7 TO 133+32.29	12,487	26	324,662			36,074	
STA EQ 133+32.29 BK = 132+29.8 AH				STATION EQUATION			
132+29.8 TO 131+64	66	26	1,716			191	
SUBTOTAL	12,553					36,265	
DIVISION STREET							
00+12 TO 41+46	4,134	26	107,484			11,943	STOP BINDER AT BASE OF GUTTER FLAG
00+12 TO 41+46	4,134	30	124,020				TAPER HMA SC FROM EDGE OF PAVEMENT INTO CURB
41+46 TO 56+80	1,534	24	36,816	4,091			
SUBTOTAL	9,802			4,091		11,943	
TOTALS		29,335			19,697	4,431	48,208

MODEL: REMOVAL [Sheet]
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PLOT DATE = 3/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL SCHEDULE

SCALE: 1"=50' SHEET 12 OF 22 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	12
CONTRACT NO. 78926				
			ILLINOIS FED. AID PROJECT	

SHOULDER RESURFACING SCHEDULE

LOCATION STATION TO STATION		LENGTH	SHOULDER WIDTH	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/4"	HOT-MIX ASPHALT SURFACE REMOVAL 3/4"	RUMBLE STRIPS 8"	HOT-MIX ASPHALT SHOULDERS (1 1/2")	HOT-MIX ASPHALT SHOULDERS (2")	BITUMINOUS MATERIALS TACK COAT	REMARKS
CAMBRIA ROAD											
LT	108+95 TO LT 109+98	103	4	46			82	4		21	LEFT-EXISTING 8"SHOULDERS BRIDGE APPROACH
LT	115+12 TO LT 117+76	264	4	118			211	10		53	LEFT-EXISTING 8"SHOULDERS BRIDGE APPROACH
RT	115+12 TO RT 116+44	132	4	59			106	5		27	RIGHT-EXISTING 8"SHOULDERS BRIDGE APPROACH
LT	136+18.5 TO LT 141+49	531	4	236			425	20		107	LEFT GUARD RAIL EXISTING SHOULDERS
RT	134+82.5 TO RT 141+13	631	4	281			505	24		127	RIGHT GUARD RAIL EXISTING SHOULDERS
LT	143+18.5 TO LT 149+36.5	618	4	275			494	23		124	LEFT-GUARD RAIL EXISTING SHOULDERS
RT	143+38.5 TO RT 149+94	656	4	292			525	24		132	RIGHT-GUARD RAIL EXISTING SHOULDERS
SUBTOTAL		2,935		1,307	0	0	2,348	110		591	
HERRIN ROAD											
LT	08+45.7 TO LT 133+15	12,469	4	5,542			9,975	466		2,494	EXISTING SHOULDERS AND APRONS
RT	08+45.7 TO RT 132+46	12,400	4	5,512			9,920	463		2,480	EXISTING SHOULDER AND APRONS
SUBTOTAL		24,869		0	11,054	0	19,895	929		4,974	
DIVISION STREET											
	41+46. TO 56+80	1,534	4				1,364	2,454	153	614	
SUBTOTAL		1,534		0	0	0	1,364	2,454	153	614	
TOTALS		29,338		1,307	11,054	1,364	24,697	1,192		6,179	

MODEL: EX SHOULDER SCHEDULE (Sheet)
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	DRAWN -	REVISED -
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PLOT DATE = 3/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHOULDER RESURFACING SCHEDULE

SCALE: 1"=50' SHEET 13 OF 22 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	13
CONTRACT NO. 78926				

HSIP CAMBRIA SHOULDER SCHEDULE

LOCATION STATION TO STATION				LENGTH	SHOULDER WIDTH	SHOULDER AREA	EXCAVATING AND GRADING EXISTING SHOULDERS	RUMBLE STRIPS 8"	HOT-MIX ASPHALT SHOULDERS, 8"	BITUMINOUS MATERIALS TACK COAT	REMARKS
				(FEET)	(FEET)	(SQ FT)	(UNITS)	(FT)	(SQ YD)	(POUND)	
CAMBRIA ROAD											
RT	88+00	TO	RT 88+72.	72	4	288	1	58	32	14	OMIT WYE STREET
RT	89+16	TO	RT 100+29.	1,113	4	4,452	12	890	495	223	OMIT PINE TREE ROAD
RT	100+83	TO	RT 102+98.	215	4	860	3	172	96	43	OMIT SHORT STREET
RT	103+39	TO	RT 105+02.92	164	4	656	2	131	73	33	STATION EQUATION
LT	88+00	TO	LT 105+02.92	1,703	4	6,812	18	1,362	757	341	STATION EQUATION
STA. EQ 105+02.92 BK = 104+80.96 AH											
LT	104+80.96	TO	LT 108+95.	414	4	1,656	5	331	184	83	OMIT BRIDGE
RT	104+80.96	TO	RT 105+83.	102	4	408	2	82	45	20	OMIT MAIN AVENUE
RT	106+41.	TO	RT 107+86.	145	4	580	2	116	64	29	OMIT PULLTIGHT AVENUE AND BRIDGE
LT	117+76	TO	LT 136+18.5	1,843	4	7,372	19	1,474	819	369	OMIT FULL DEPTH REFER TO EX. SHLD SCHEDULE
RT	116+44	TO	RT 134+82.5	1,839	4	7,356	19	1,471	817	368	OMIT FULL DEPTH REFER TO EX. SHLD SCHEDULE
LT	141+49	TO	LT 143+18.5	170	4	680	2	136	76	34	OMIT FULL DEPTH REFER TO EX. SHLD SCHEDULE
RT	141+13	TO	RT 143+38.5	226	4	904	3	181	100	45	OMIT FULL DEPTH REFER TO EX. SHLD SCHEDULE
LT	149+36.5	TO	LT 153+65	429	4	1,716	5	343	191	86	OMIT COMMERCIAL PCC ENTRANCE-HARRISONS
RT	149+94.	TO	RT 153+02	308	4	1,232	4	246	137	62	OMIT LOCKEYVILLE ROAD
RT	153+49.	TO	RT 155+08	159	4	636	2	127	71	32	OMIT COMMERCIAL PCC ENTRANCE-CASEY'S
RT	155+65.	TO	RT 156+61	96	4	384	1	77	43	19	OMIT COMMERCIAL PCC ENTRANCE-CASEY'S
RT	157+12	TO	RT 161+14	402	4	1,608	5	322	179	80	
LT	154+10	TO	LT 161+14	704	4	2,816	8	563	313	141	
TOTAL						40,416	113	8,082	4,492	2,022	

*MODIFY HOT-MIX ASPHALT SHOULDERS, 8" TO EXISTING SLOPES ON PRIVATE AND COMMERCIAL ENTRANCES

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PLOT DATE = 3/22/2023	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CAMBRIA ROAD HSIP SHOULDER SCHEDULE

SCALE: 1"=50' SHEET 14 OF 22 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	14
CONTRACT NO. 78926				
ILLINOIS FED. AID PROJECT				

FAS 907/908/909

PATCHING SCHEDULE

LANE LOCATION	WIDTH (FEET)	LENGTH (FEET)	AREA (SQYD)	CLASS C PATCHES, TYPE II, 12 INCH (SQYD)
CAMBRIA ROAD				
NB	4	12	5.3	5.3
NB	4	12	5.3	5.3
NB	4	12	5.3	5.3
NB	4	20	8.9	8.9
SB	4	12	5.3	5.3
SB	4	12	5.3	5.3
SB	4	12	5.3	5.3
TOTAL				41

LANE LOCATION	WIDTH (FEET)	LENGTH (FEET)	AREA (SQYD)	CLASS C PATCHES, T YPE I, 11 INCH (SQYD)	CLASS C PATCHES, TYPE II, 11 INCH (SQYD)
HERRIN ROAD					
EB	4	12	5.3		5.3
EB	4	12	5.3		5.3
EB	4	12	5.3		5.3
EB	4	12	5.3		5.3
EB	4	12	5.3		5.3
EB	4	12	5.3		5.3
EB	4	12	5.3		5.3
EB	4	12	5.3		5.3
EB	4	12	5.3		5.3
EB	4	12	5.3		5.3
EB	4	12	5.3		5.3
EB	4	12	5.3		5.3
EB	4	12	5.3		5.3
EB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	6	2.7	2.7	
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
WB	4	12	5.3		5.3
SUBTOTAL				3	138

DIVISION STREET					
SB	4	12	5.3		5.3
SB	4	12	5.3		5.3
SB	4	12	5.3		5.3
SB	4	12	5.3		5.3
NB	4	12	5.3		5.3
NB	4	12	5.3		5.3
NB	4	12	5.3		5.3
NB	4	12	5.3		5.3
SUBTOTAL				0	42

TOTAL				3	180
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* TIE BARS ARE INCLUDED IN THE COST OF THE CLASS C PATCHES OVER 20' LONG FOR TYING TO THE EXISTING ADJACENT LANE

REV. - MS

MODEL - PATCHING SCHEDULE (Sheet)
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PLOT DATE = 3/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PATCHING SCHEDULE

SCALE: 1"=50' SHEET 15 OF 22 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	15
CONTRACT NO. 78926				
ILLINOIS FED. AID PROJECT				

ENTRANCE SCHEDULE CAMBRIA ROAD

LOCATION		AVERAGE WIDTH	EXISTING SURFACE TYPE	PROPOSED SURFACE TYPE	PROPOSED AREA	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIAL (TACK COAT)	HMA SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	REMARKS	
SIDE	STATION	ENTRANCE TYPE			SQ FT	TONS	POUND	SQ YD	SQ YD		
CAMBRIA ROAD											
RT	88+95	WYE STREET	43	O&C	BITUMINOUS	645	7	33	72	5	
RT	100+53	PINE TREE ROAD	50	O&C	BITUMINOUS	750	7	38	83	6	
RT	103+18	SHORT STREET	51	O&C	BITUMINOUS	765	8	39	85	6	
RT	106+09	MAIN AVENUE	52	O&C	BITUMINOUS	780	8	39	87	6	
RT	108+25	PULLTIGHT AVENUE	87	O&C	BITUMINOUS	1,305	13	66	145	10	
RT	153+28	LOCKEYVILLE ROAD	28	BITUMINOUS	BITUMINOUS	420	4	21	47	3	
LT	153+86	COMMERCIAL	44	PCC	BITUMINOUS	660	7	33	73	5	
RT	155+35	COMMERCIAL	52	PCC	BITUMINOUS	780	8	39	87	6	
RT	156+88	COMMERCIAL	50	PCC	BITUMINOUS	750	7	38	83	6	
SUB - TOTAL							69	346	762	53	
HERRIN ROAD											
LT	25+84	CUNDIFF ROAD	42	O&C	BITUMINOUS	630	6	32	70	5	
RT	52+77	LAMINACK ROAD	43	O&C	BITUMINOUS	645	7	33	72	5	
LT	53+03	LAMINACK ROAD	46	O&C	BITUMINOUS	690	7	35	77	5	
LT	79+36	NORTHBEND ROAD	46	O&C	BITUMINOUS	690	7	35	77	5	
RT	79+40	GREEN BRIAR ROAD	46	O&C	BITUMINOUS	690	7	35	77	5	
RT	116+37	MADISON STREET	49	BITUMINOUS	BITUMINOUS	735	7	37	82	5	
LT	120+00	FRIENDSHIP ROAD	49	O&C	BITUMINOUS	735	7	37	82	5	
RT	126+52	GENTILE STREET	27	O&C	BITUMINOUS	405	4	21	45	3	
LT	133+32	CLIFORD ROAD	38	O&C	BITUMINOUS	570	6	29	63	4	
SUB - TOTAL							58	294	645	42	
DIVISION STREET											
RT	44+93	PRIVATE	25	BITUMINOUS	BITUMINOUS	100	1	5		HMA APRON	
LT	51+54	PRIVATE	25	BITUMINOUS	BITUMINOUS	100	1	5			
LT	54+48	PRIVATE	35	BITUMINOUS	BITUMINOUS	140	2	7		HMA APRON	
SUB - TOTAL							4	17	0	0	
TOTAL							131	657	1,407	95	

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PLOT DATE = 3/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENTRANCE SCHEDULE

SCALE: 1"=50' SHEET 16 OF 22 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	16
CONTRACT NO. 78926				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	LENGTH (FEET)	PAINT PAVEMENT MARKING				REMARKS
		LINE 4"			LINE 24"	
		WHITE	YELLOW		WHITE	
		SOLID	SOLID	SKIP DASH	SOLID	
		(FEET)	(FEET)	(FEET)	(FEET)	(FEET)
CAMBRIA ROAD						
86+44.6 TO 86+91	46	92		12		PASSING
86+91 TO 97+83	1,092	2,184	1,092	273		SOUTH PASSING
97+83 TO 105+02.92	720	1,440	1,440			NO PASSING
105+02.92 AH = 104+80.96 BK						
104+80.96 TO 106+48	167	334	334			NO PASSING
106+48 TO 109+98	350	700	350	88		NORTH PASSING
109+98 AH = 115+11 BK						
115+11 TO 117+13	202	404	202	51		NORTH PASSING
117+13 TO 143+38	2,625	5,250		656		PASSING
143+38 TO 155+00	1,162	2,324	1,162	291		SOUTH PASSING
155+00 TO 161+14	614	1,228	1,228			NO PASSING
SUBTOTAL		6,978	21,135		0	

HERRIN ROAD						
08+45.7 TO 11+65	319	638		80		PASSING
11+65 TO 21+80	1,015	2,030	1,015	254		WEST PASSING
21+80 TO 22+50	70	140		18		PASSING
22+50 TO 32+10	960	1,920	960	240		EAST PASSING
32+10 TO 33+45	135	270		34		PASSING
33+45 TO 42+45	900	1,800	900	225		WEST PASSING
42+45 TO 43+65	120	240		30		PASSING
43+65 TO 52+40	875	1,750	875	219		EAST PASSING
52+40 TO 62+10	970	1,940		243		PASSING
62+10 TO 67+55	545	1,090	545	136		WEST PASSING
67+55 TO 73+65	610	1,220		153		PASSING
73+65 TO 80+05	640	1,280	640	160		EAST PASSING
80+05 TO 133+32.39	5,327	10,654		1,332	12	PASSING
133+32.39 AH = 132+29.8 BK						
132+29.8 TO 131+64	66	132		17	12	PASSING
SUBTOTAL		12,552	33,180		24	

DIVISION STREET						
00+00 TO 41+46	4,146			1,037	12	PASSING
41+46 TO 56+80	1,534	3,068		384		PASSING
SUBTOTAL		5,680	4,489		12	

TOTAL		25,210	58,804		36	
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MODEL: PAVEMENT MARKING SCHEDULE (Rev) 11/16/2019
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

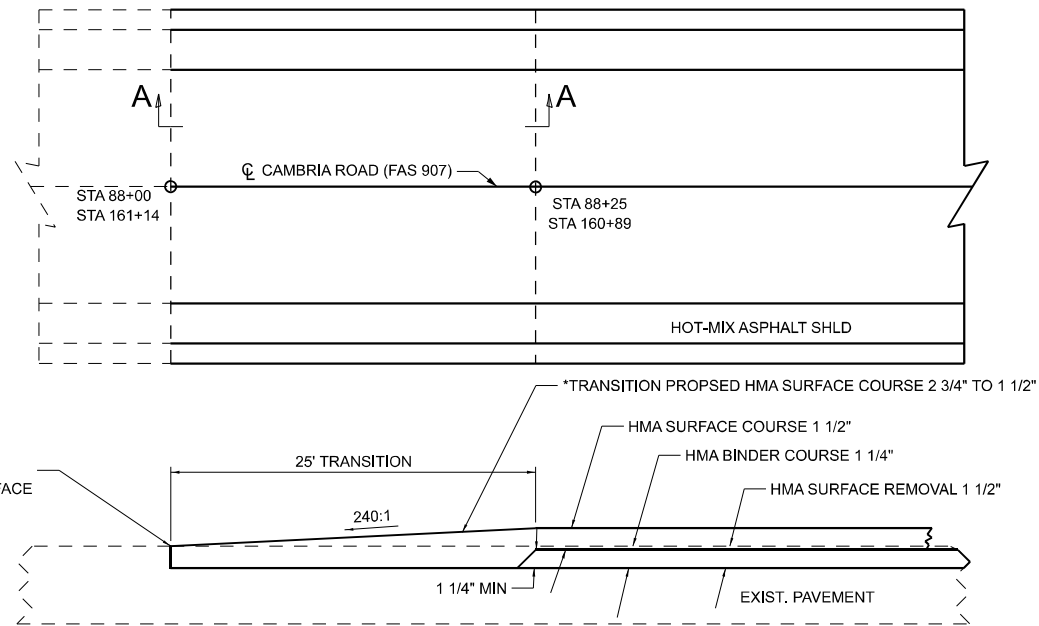
PAVEMENT MARKING SCHEDULE

SCALE: 1"=50' SHEET 17 OF 22 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	17
CONTRACT NO. 78926				
ILLINOIS FED. AID PROJECT				

MAINLINE RESURFACING TRANSITION

RESURFACING TRANSITION



**SAWCUT (INCLUDED IN THE COST OF HMA SURFACE REMOVAL 1 1/2"

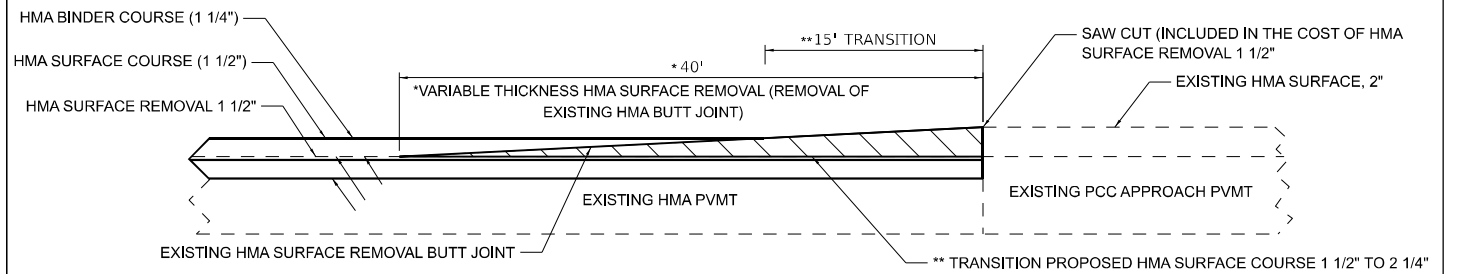
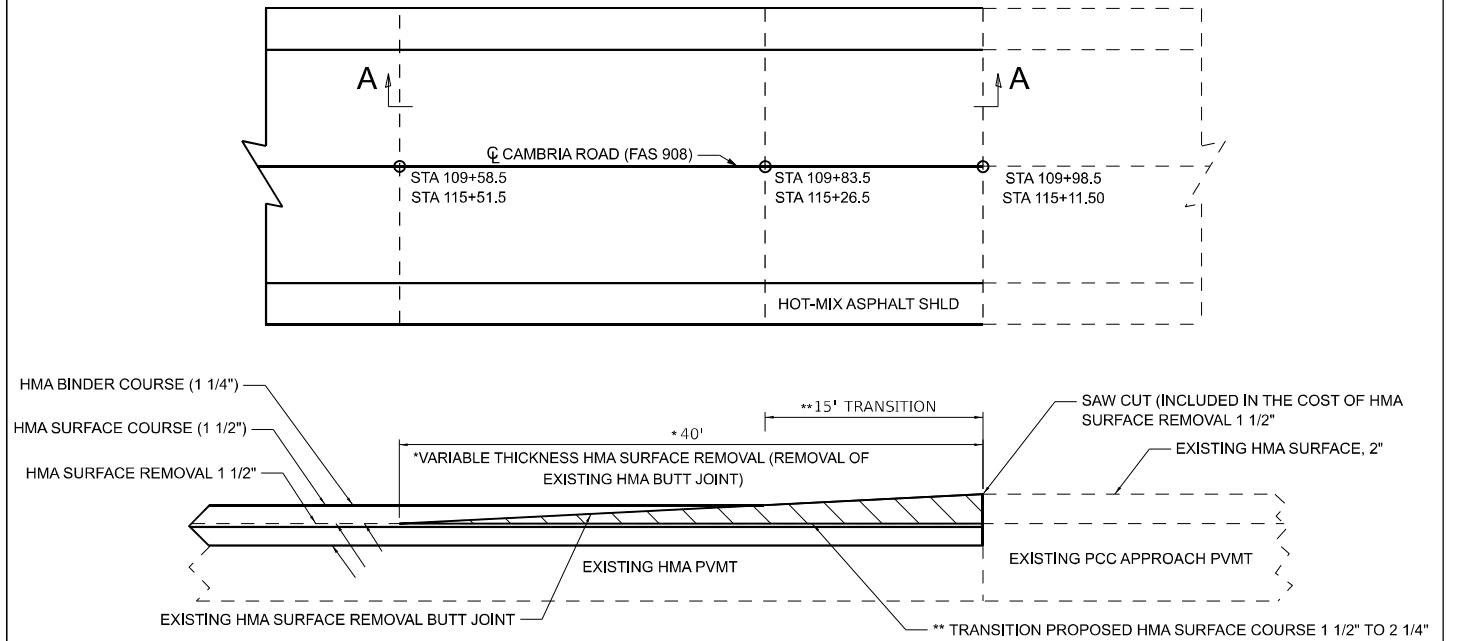
SECTION A-A

*THE VARIABLE THICKNESS OF HMA SURFACE COURSE FROM 2 3/4" TO 1 1/2" WILL BE INCLUDED IN THE COST OF HMA SURFACE COURSE 1 1/2"
 **SAWCUT ONLY AT STATION 161+14

STD. 9-14

DRAWN	03-09-17
REVISED	02-18-20
REVISED	10-21-21
REVISED	05-26-22

BRIDGE OMISSION TRANSITION SN 100-0062



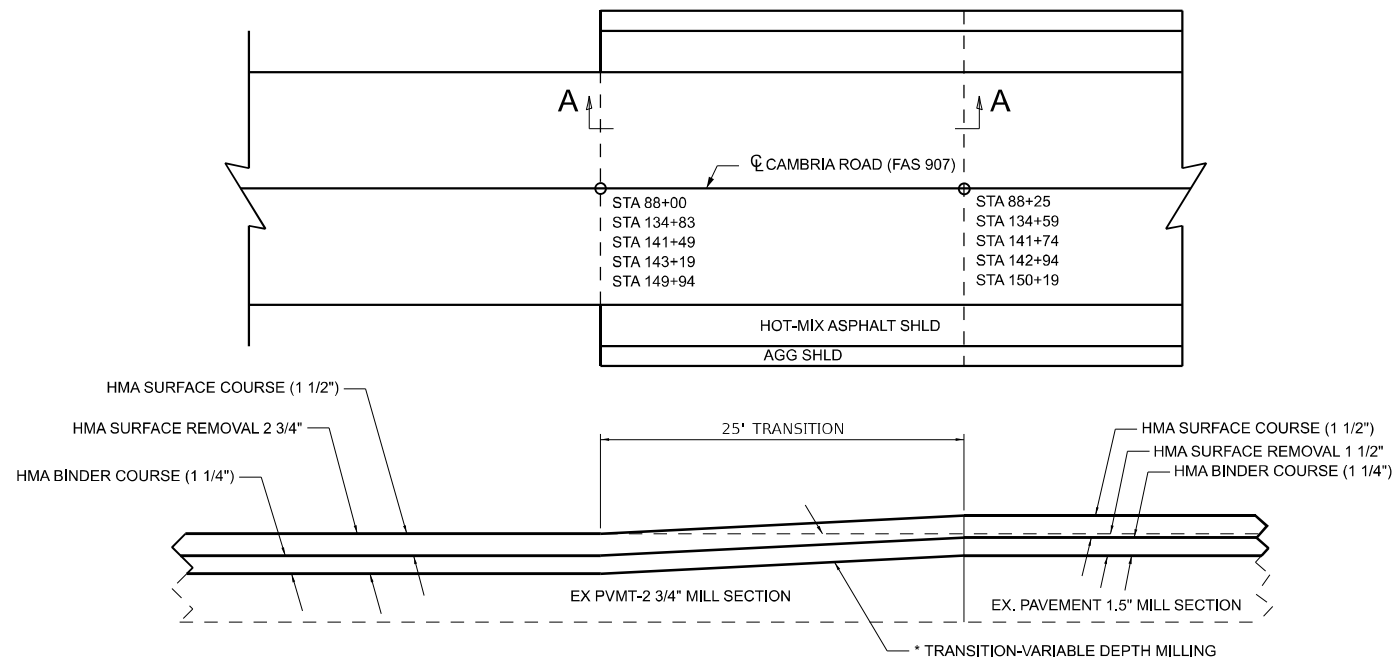
SECTION A-A

* THE REMOVAL OF THE EXISTING HMA BUTT-JOINT WILL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL 1 1/2"
 ** THE VARIABLE THICKNESS OF HMA SURFACE COURSE FROM 1 1/2" TO 2 1/4" WILL BE INCLUDED IN THE COST OF HMA SURFACE COURSE (1 1/2")

STD. 9-14

DRAWN	03-09-17
REVISED	02-18-20
REVISED	10-21-21
REVISED	05-26-22

MILLING TRANSITION



SECTION A-A

* THE VARIABLE DEPTH MILLING WILL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL 1 1/2"

STD. 9-14

DRAWN	03-09-17
REVISED	02-18-20
REVISED	10-21-21
REVISED	05-26-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CAMBRIA ROAD TRANSITION DETAILS

SCALE: 1"=50'

SHEET 18 OF 22 SHEETS STA. TO STA.

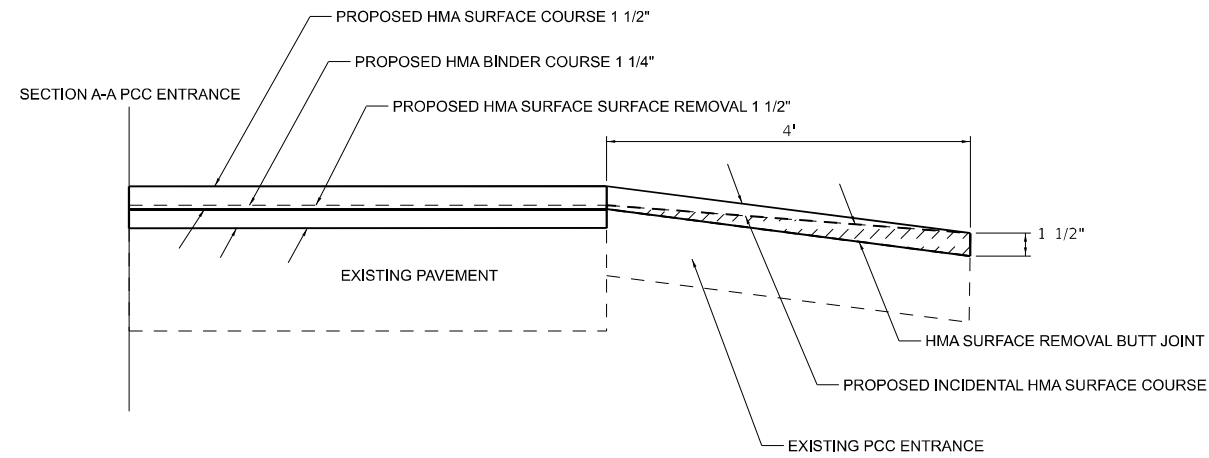
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	18
CONTRACT NO. 78926				

FAS 907/908/909

MODEL: TRANSITIONS CAMBRIA (Sheet)
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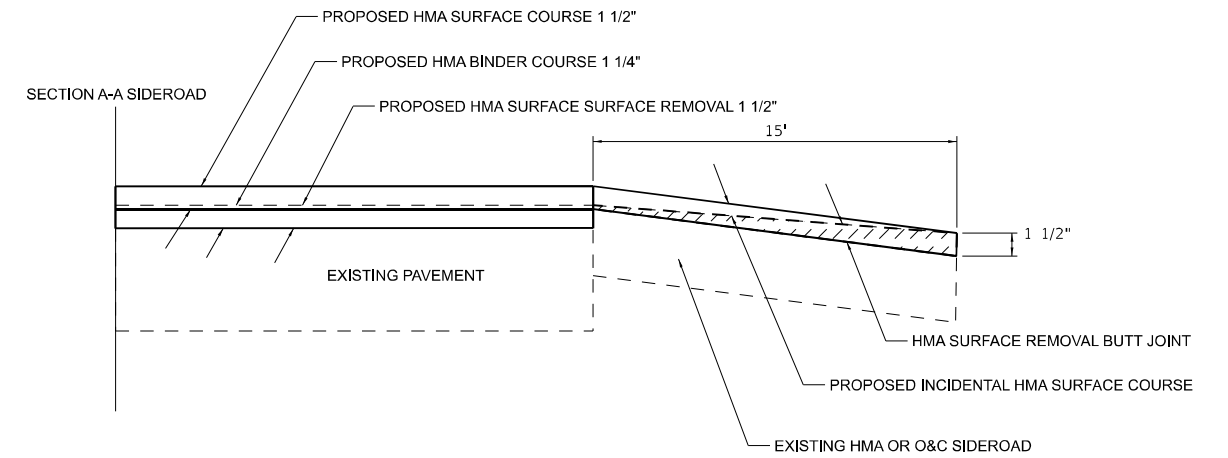
CAMBRIA ROAD SIDEROAD AND ENTRANCE DETAILS

PCC PRIVATE OR COMMERCIAL ENTRANCE WITH BUTT JOINT



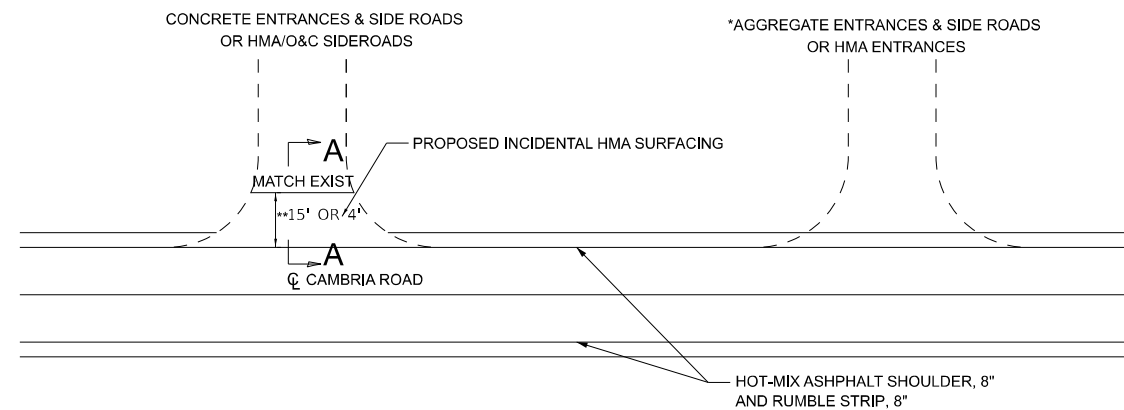
1. IF THE EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDEROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS 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. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.

HMA OR OIL & CHIP SIDEROADS WITH BUTT JOINT



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. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.

STA. 88+00 TO STA. 161+14
STA. EQ 105+02.92 BK = STA. 104+80.96 AH



*MODIFY HOT-MIX ASPHALT SHOULDERS, 8" TO EXISTING SLOPES ON PRIVATE AND COMMERCIAL ENTRANCES
**15' FOR SIDEROAD, 4' FOR ENTRANCE

GENERAL NOTES

1. CONSTRUCT HOT-MIX ASPHALT SHOULDER THROUGH AGGREGATE ENTRANCE/SIDE ROADS, AND HMA ENTRANCES. IF THE ENTRANCE OR SIDE ROAD IS CONCRETE OR IF THE SIDEROAD IS HMA OR OIL & CHIP, THEN PLACE SHOULDER UP TO EDGE OF THE ENTRANCE OR SIDE ROAD PAVEMENT.
2. THE MATERIAL THAT IS REMOVED TO PLACE THE SHOULDER SHALL BE HANDLED IN ACCORDANCE WITH ARTICLE 202.06.

MODEL: ENTRANCE DETAIL CAMBRIA (Sheet)
FILE NAME: P:\Bids\2023\2023-2024\DOT\Documents\DOT Office\District 9\ORD Project\78926\CADD\Drawings\78926-Sub-EntranceSide.dgn

USER NAME = Alicia.Fowler-Stevens	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 3/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CAMBRIA ROAD SIDEROAD AND ENTRANCE DETAILS

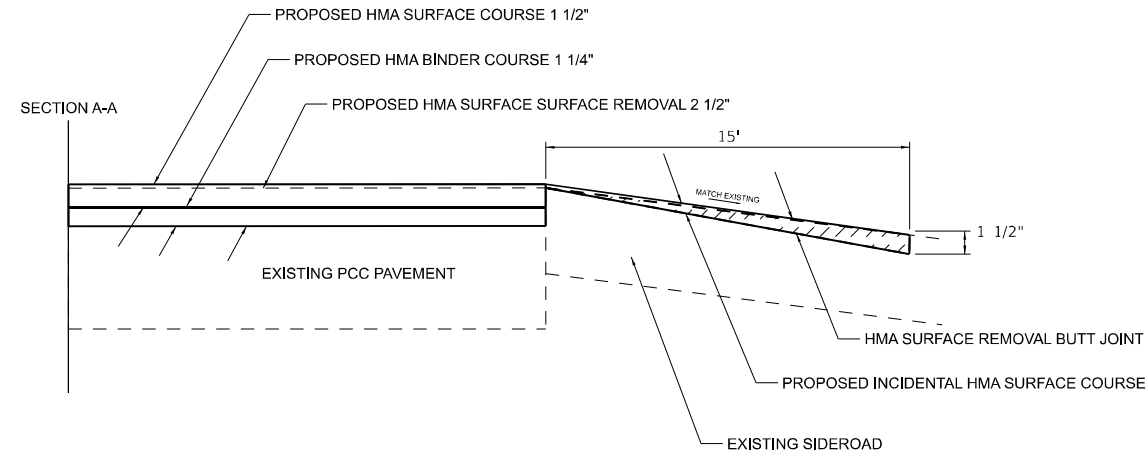
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	19	19
CONTRACT NO. 78926				

ILLINOIS FED. AID PROJECT
FAS 907/908/909

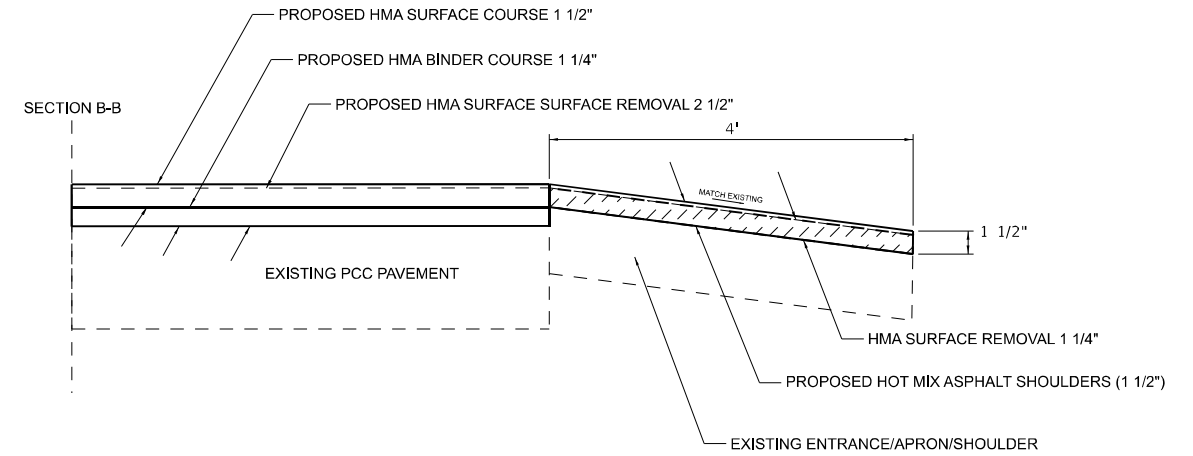
HERRIN ROAD SIDEROAD AND ENTRANCE DETAILS/TRANSITION

EX HMA, OIL & CHIP OR PCC SIDEROADS



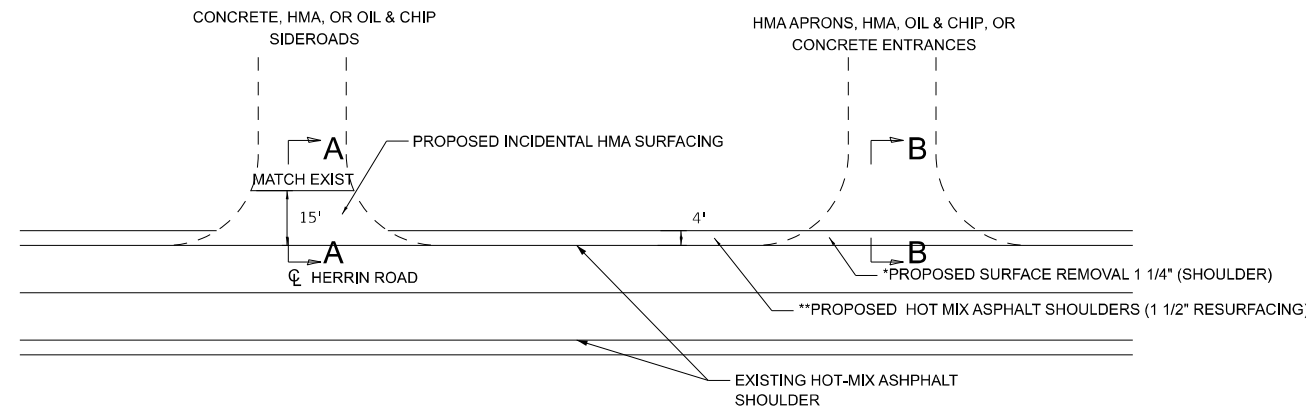
1. IF THE EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDEROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS 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. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.

HMA APRONS, HMA, OIL & CHIP, OR CONCRETE ENTRANCES



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. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.

STA. 8+45.7 TO STA. 131+64
STA. EQ 133+32.29 BK = STA. 132+29.8 AH

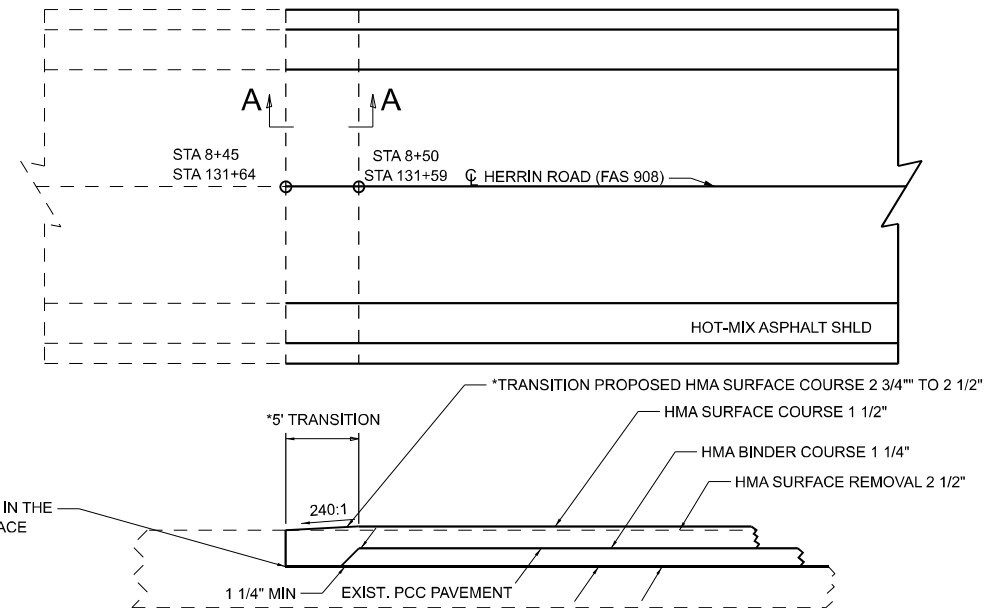


- *CONTINUE SHOULDER MILLING OPERATION THROUGH ALL EXISTING APRONS AND ENTRANCES, REFER TO SHOULDER SCHEDULE FOR HERRIN ROAD.
- **CONTINUE SHOULDER PAVING OPERATION THROUGH ALL EXISTING APRONS AND ENTRANCES, REFER TO SHOULDER SCHEDULE FOR HERRIN ROAD.

GENERAL NOTES

1. CONSTRUCT HOT-MIX ASPHALT SHOULDER THROUGH AGGREGATE ENTRANCE/SIDE ROADS, AND HMA ENTRANCES. IF THE ENTRANCE OR SIDE ROAD IS CONCRETE OR IF THE SIDEROAD IS HMA OR OIL & CHIP, THEN PLACE SHOULDER UP TO EDGE OF THE ENTRANCE OR SIDE ROAD PAVEMENT.
2. THE MATERIAL THAT IS REMOVED TO PLACE THE SHOULDER SHALL BE HANDLED IN ACCORDANCE WITH ARTICLE 202.06.

MAINLINE RESURFACING TRANSITION



SECTION A-A

*THE VARIABLE THICKNESS OF HMA SURFACE COURSE FROM 2 3/4" TO 2 1/2" WILL BE INCLUDED IN THE COST OF HMA SURFACE COURSE 1 1/2"

DRAWN	03-09-17
REVISED	02-18-20
REVISED	10-21-21
REVISED	05-26-22

STD. 9-14

MODEL: TRANSITION ENTRANCE HERRIN (Sheet)
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USER NAME = Alicia.Fowler-Stevens	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 3/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HERRIN ROAD SIDEROAD AND ENTRANCE/ TRANSITION DETAILS

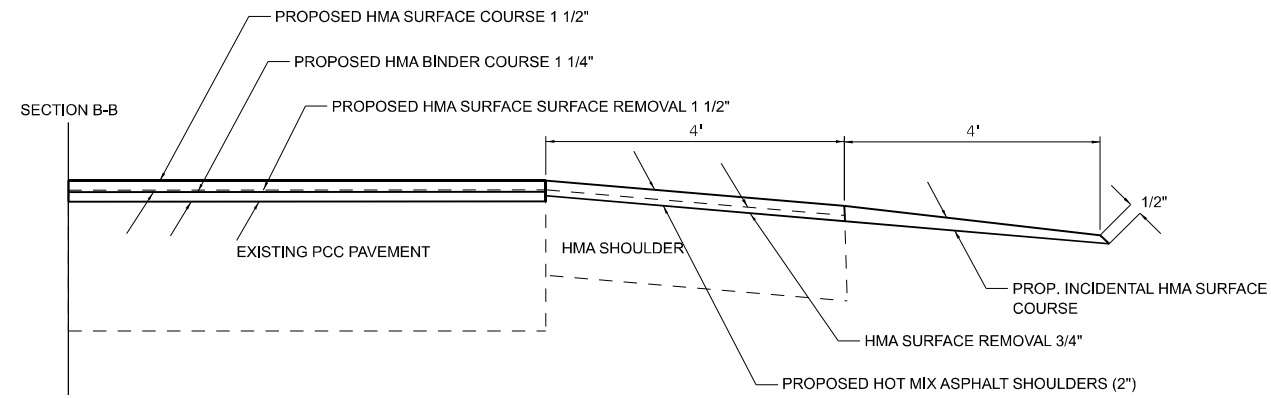
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	20
			CONTRACT NO. 78926	
			ILLINOIS FED. AID PROJECT	

FAS 907/908/909

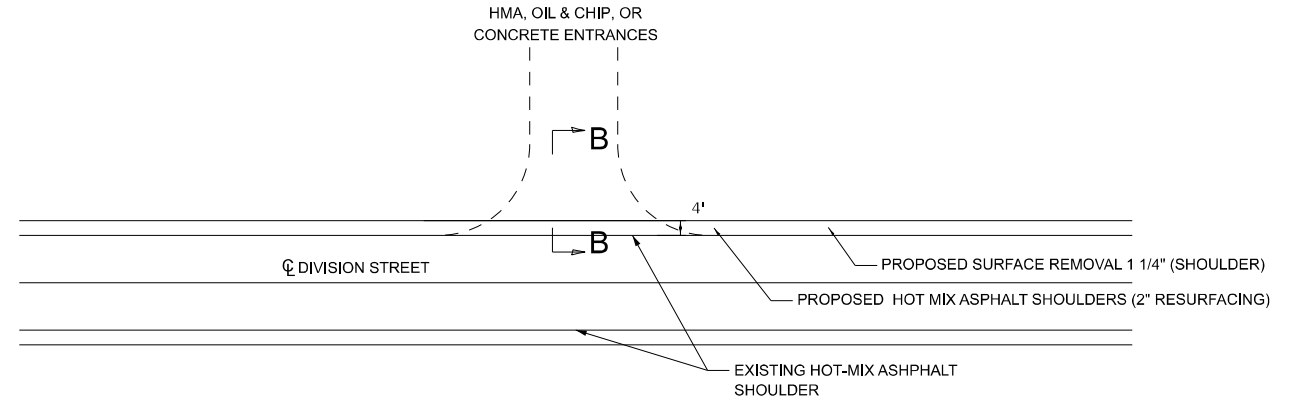
DIVISION STREET SIDEROAD AND ENTRANCE DETAILS/TRANSITION

HMA APRONS, HMA, OIL & CHIP, OR CONCRETE ENTRANCES



- 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.
- VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.

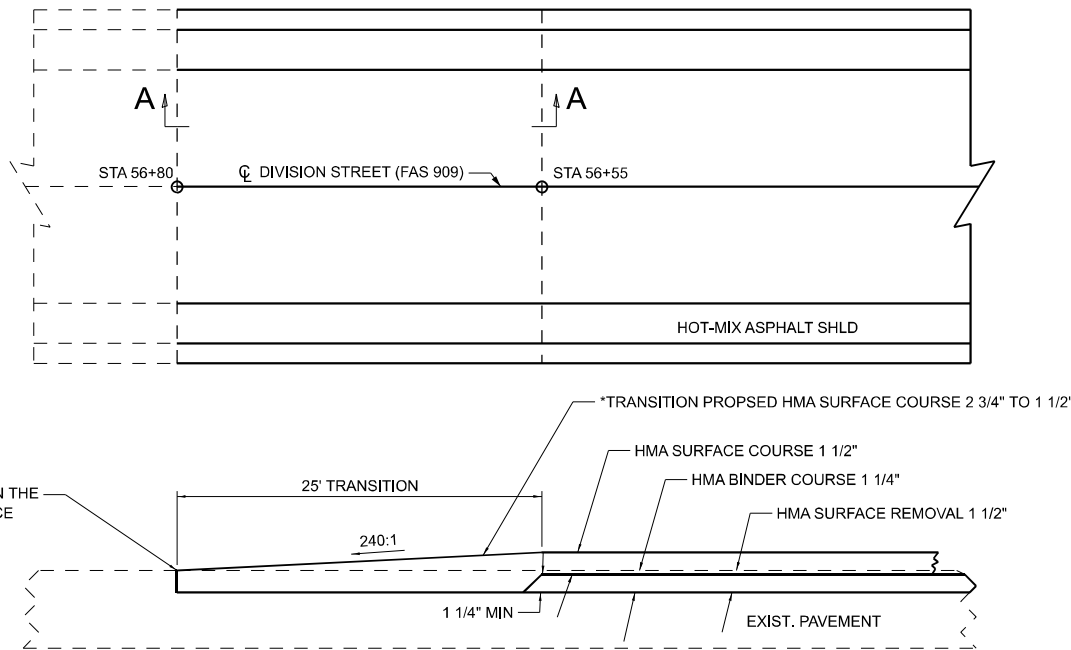
STA. 41+46 TO STA. 56+80



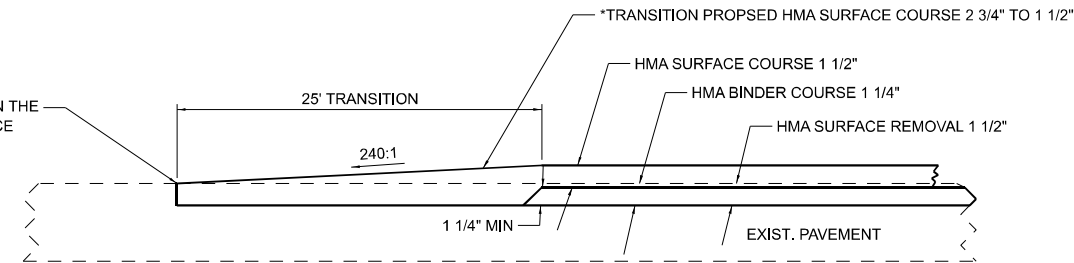
GENERAL NOTES

- CONSTRUCT HOT-MIX ASPHALT SHOULDER THROUGH AGGREGATE ENTRANCE/SIDE ROADS, AND HMA ENTRANCES. IF THE ENTRANCE OR SIDE ROAD IS CONCRETE OR IF THE SIDEROAD IS HMA OR OIL & CHIP, THEN PLACE SHOULDER UP TO EDGE OF THE ENTRANCE OR SIDE ROAD PAVEMENT.
- THE MATERIAL THAT IS REMOVED TO PLACE THE SHOULDER SHALL BE HANDLED IN ACCORDANCE WITH ARTICLE 202.06.

MAINLINE RESURFACING TRANSITION DIVISION STREET 56+55 TO 56+80



SAWCUT (INCLUDED IN THE COST OF HMA SURFACE REMOVAL 1 1/2")



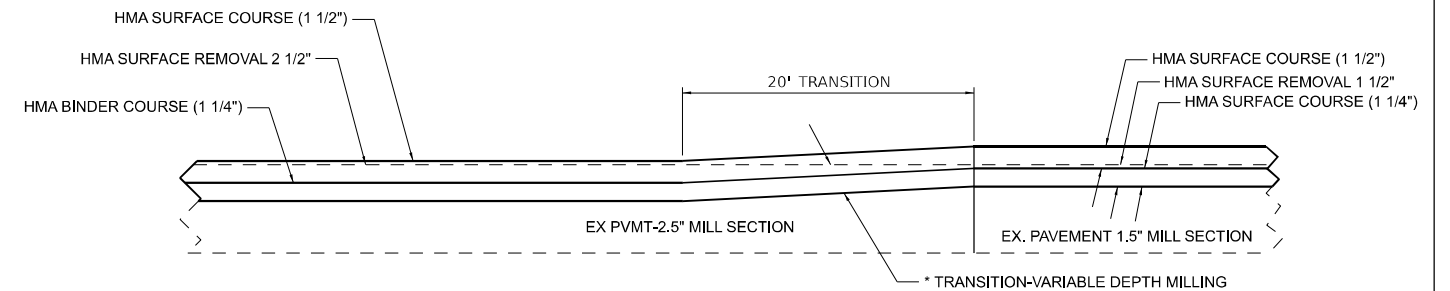
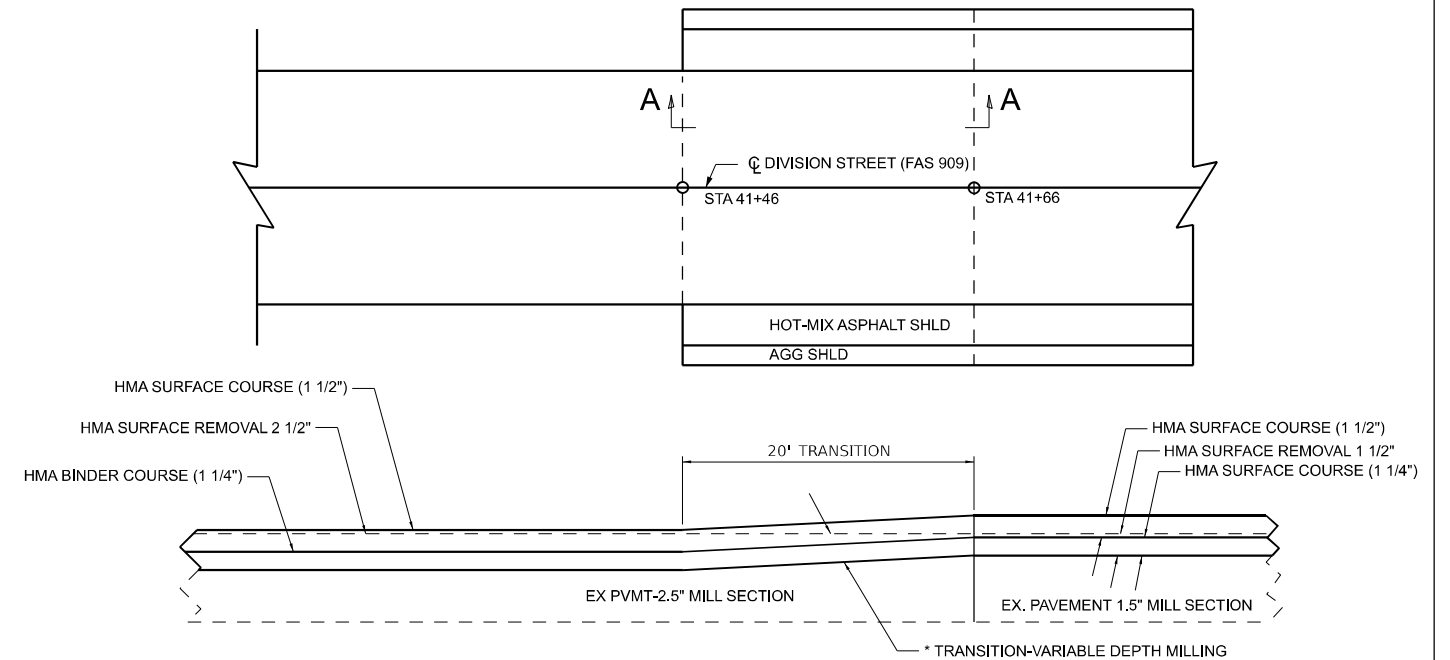
SECTION A-A

*THE VARIABLE THICKNESS OF HMA SURFACE COURSE FROM 2 3/4" TO 1 1/2" WILL BE INCLUDED IN THE COST OF HMA SURFACE COURSE 1 1/2"

STD. 9-14

DRAWN	03-09-17
REVISED	02-18-20
REVISED	10-21-21
REVISED	05-26-22

MILLING TRANSITION



SECTION A-A

* THE VARIABLE DEPTH MILLING WILL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL 1 1/2"

STD. 9-14

DRAWN	03-09-17
REVISED	02-18-20
REVISED	10-21-21
REVISED	05-26-22

MODEL: TRANSITIONS/ENTRANCES DIVISION (Sheet)
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USER NAME = Alica.Fowler-Stevens	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 3/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

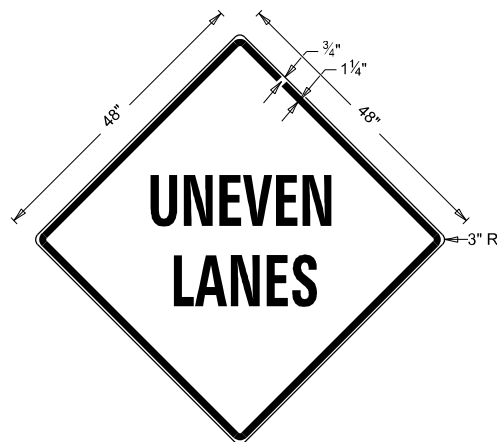
DIVISION STREET SIDEROAD AND ENTRANCE/TRANSITION DETAILS

SCALE: 1"=50' SHEET 21 OF 22 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	21
			CONTRACT NO. 78926	
			ILLINOIS FED. AID PROJECT	

FAS 907/908/909

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.

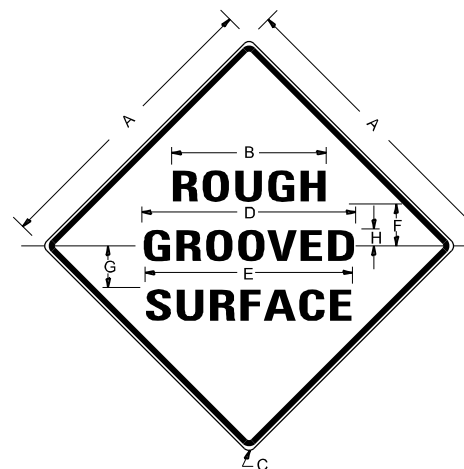
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

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.

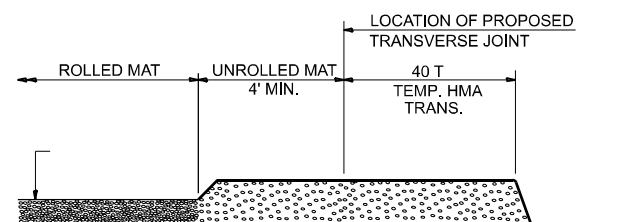
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

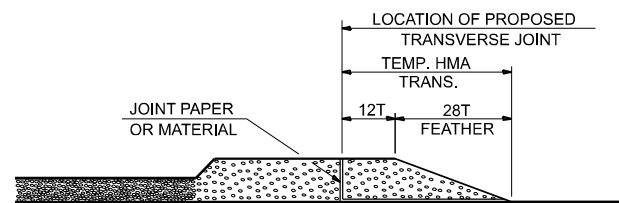
STD. 9-23

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



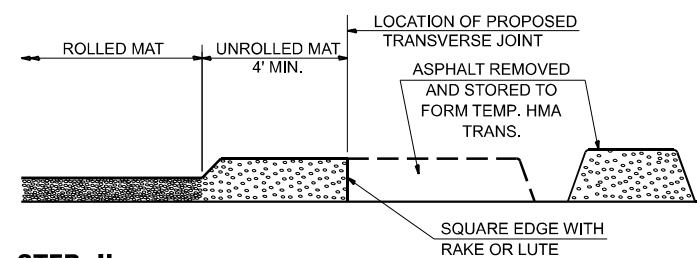
STEP I

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.



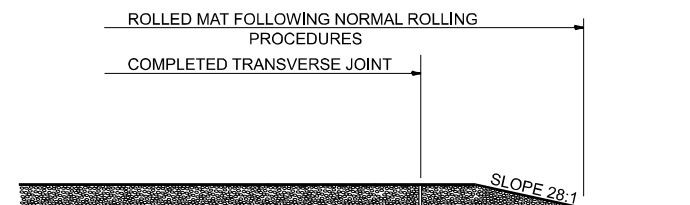
STEP III

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UNEVEN LANE, ROUGH GROOVED SURFACE, AND TEMP TRANSITIONS

SCALE: 1"=50' SHEET 22 OF 22 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(20,2-1,37,2)RS-2	WILLIAMSON	22	22
CONTRACT NO. 78926				

FAS 907/908/909

MODEL: SIGN-TEMPORARY (Rev1)
FILE NAME: P:\Illinois\Contract\78926\DOT\Office\Drawings\DOT\Office\Drawings\78926\CADD\Drawings\Signs\Signs\Signs.dgn