

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	6RS-3	Williamson	20	1
		ILLINOIS	CONTRACT NO. 78A65	

CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)  
(SBI 13B/SBI 13C/FAS 1887A)

D-99-044-24

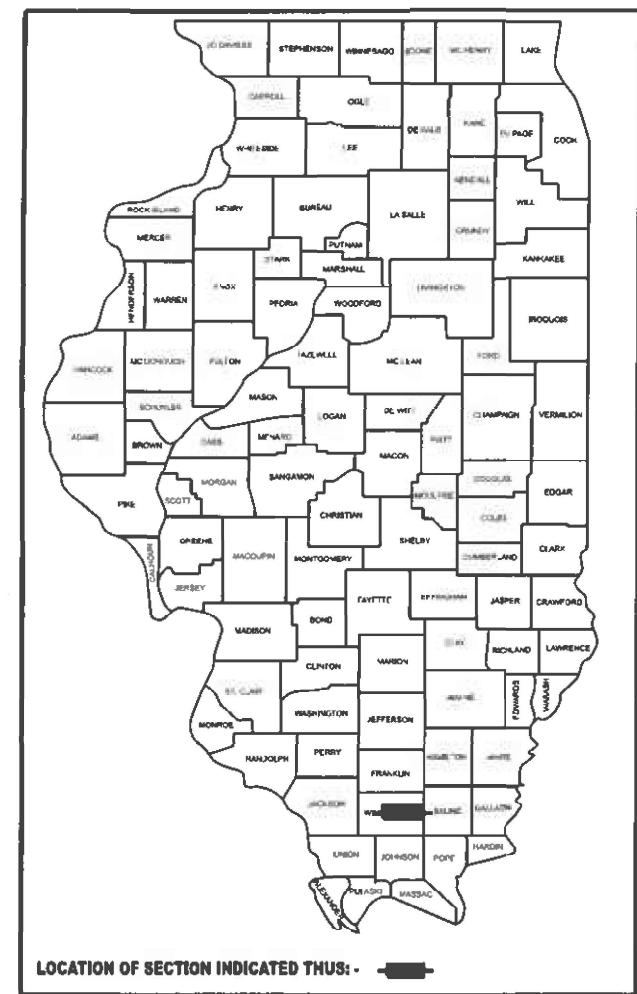
12-13-2024 SPECIAL LETTING ITEM 016

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED  
HIGHWAY PLANS**

**SBI 13B/13C/FAS 1887A (CRAB ORCHARD ROAD)  
SECTION 6RS-3  
PROJECT STP-ADPF(397)  
RESURFACING  
WILLIAMSON COUNTY**

C-99-091-24



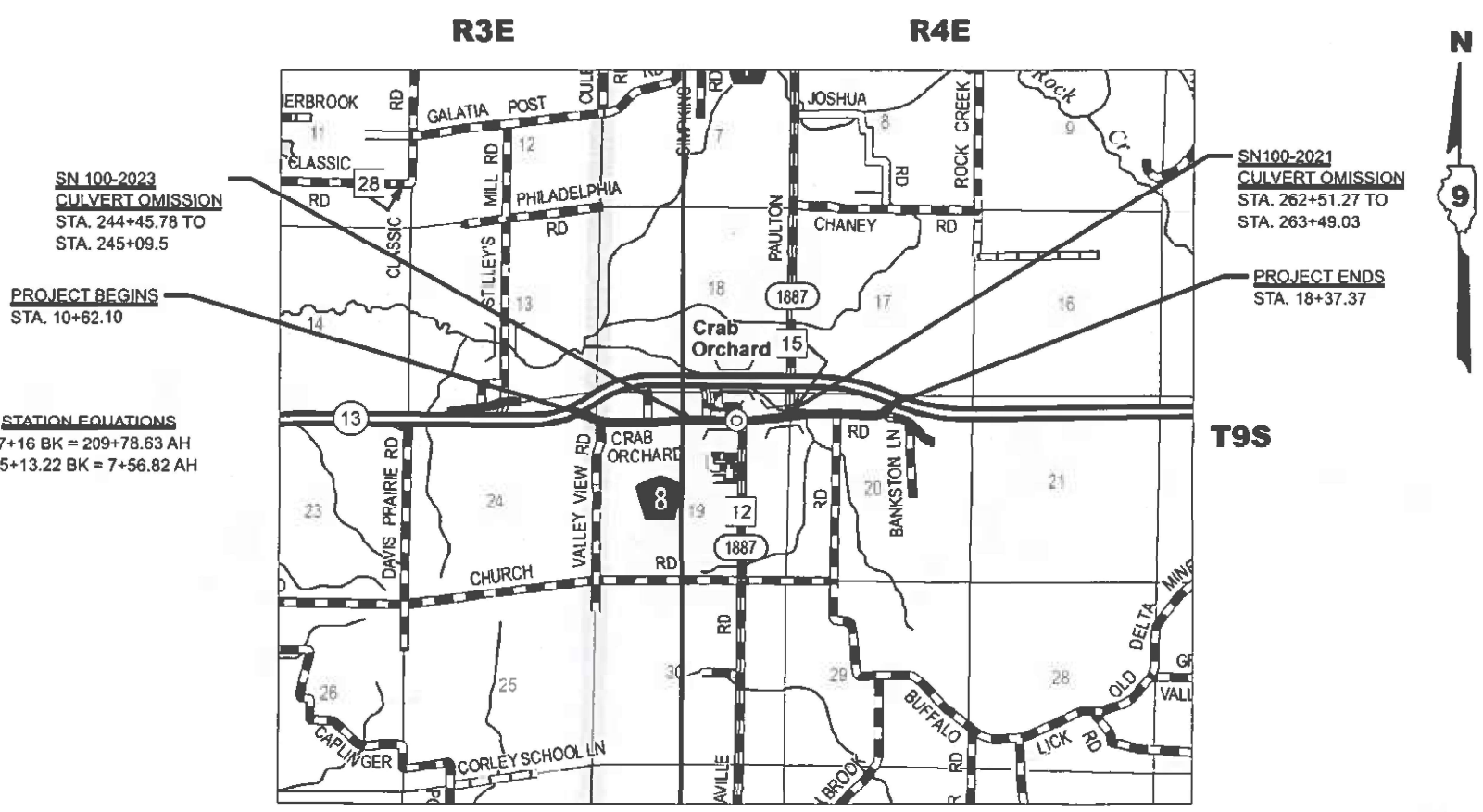
FOR INDEX OF SHEETS, SEE SHEET NO. 3  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-7

**TRAFFIC DATA (2024)**

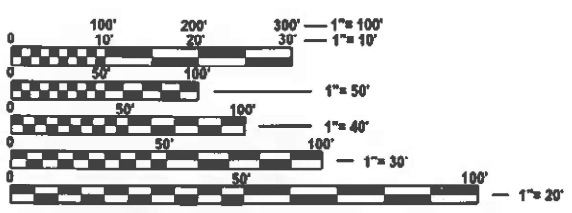
**ADT: 1,650 %TRUCKS: 1.82%**

**TOWNSHIPS**

**CRAB ORCHARD TOWNSHIP**



DESIGN DESIGNATION : N/A  
POSTED SPEED : 35, 45, 55 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: ZACHARY HUGHEY

GROSS LENGTH = 9,269.04 FT. = 1.756 MILE  
NET LENGTH = 9,107.56 FT. = 1.725 MILE

CONTRACT NO. 78A65

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

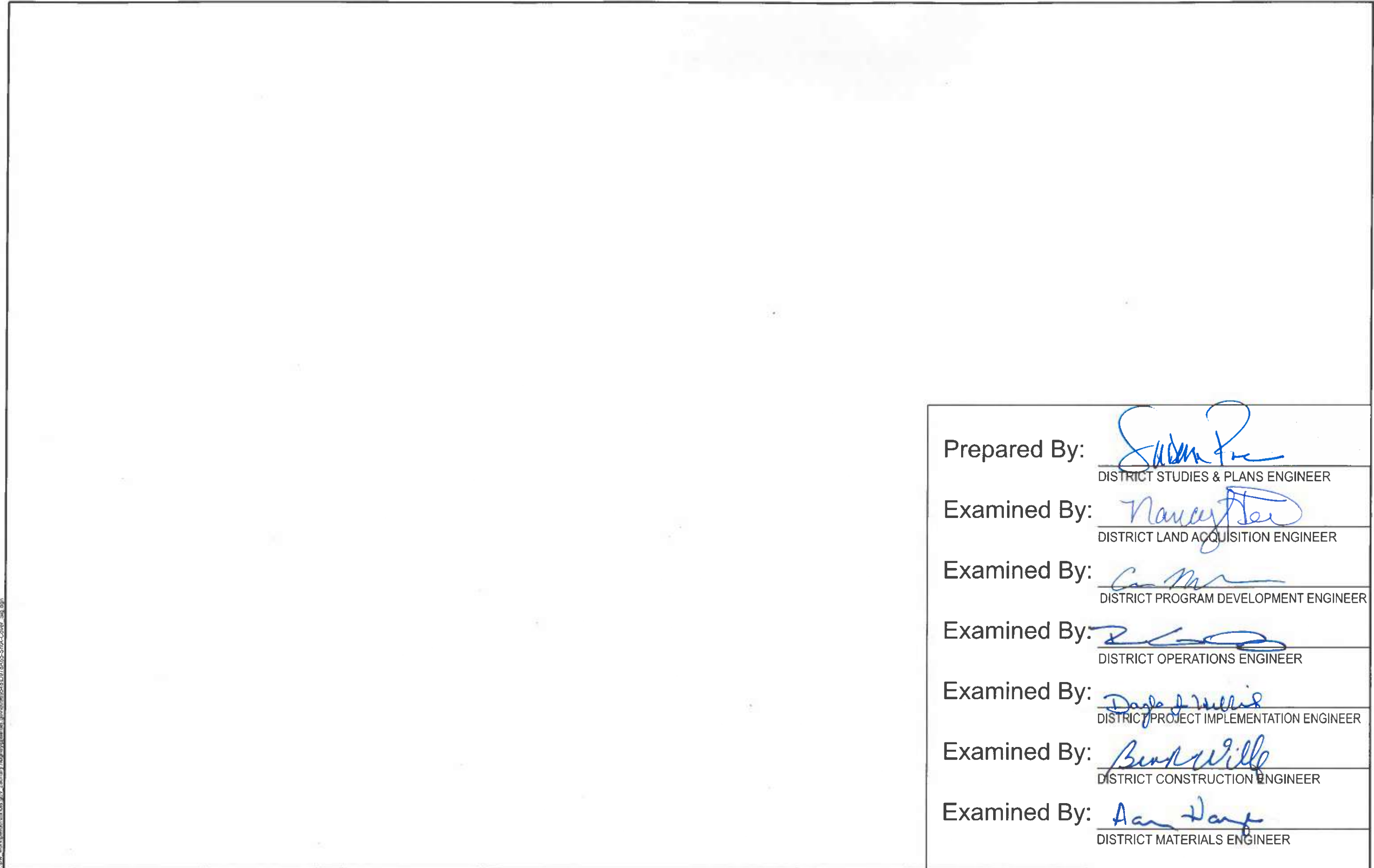
SUBMITTED August 9 20 24  
Kirk H. Brown  
REGIONAL ENGINEER

October 4, 2024  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

October 4, 2024  
[Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

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Prepared By:   
DISTRICT STUDIES & PLANS ENGINEER

Examined By:   
DISTRICT LAND ACQUISITION ENGINEER

Examined By:   
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By:   
DISTRICT OPERATIONS ENGINEER

Examined By:   
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:   
DISTRICT CONSTRUCTION ENGINEER

Examined By:   
DISTRICT MATERIALS ENGINEER

USER NAME	▪ Zachary.Hughes	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	▪ 7/15/2024	DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							6RS-3	Williamson	20	2
CONTRACT NO. 78A65										
ILLINOIS   FED. AID PROJECT										

# INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, MTD TABLE
4	GENERAL NOTES, MIX DESIGN, COMMITMENTS
5-7	SUMMARY OF QUANTITIES
8-9	TYPICALS
10	MAINLINE RESURFACING/REMOVAL SCHEDULE
11	SHOULDER SCHEDULE
12-13	ENTRANCE SCHEDULE
14	PATCHING SCHEDULE, GAURDRAIL SCHEDULE
15	PAVEMENT MARKING SCHEDULE
16	DETAIL: SIDEROAD AND ENTRANCE
17	DETAIL: MILLING TRANSITION, RESURFACING TRANSITION
18	DETAIL: STEEL PLATE BEAM GUARDRAIL, SHORT RADIUS
19	DETAIL: UNEVEN LANES SIGN, ILLINOIS STANDARD ROUGH GROOVED SURFACE SIGN, TEMPORARY HOT-MIX ASPHALT TRANSITION
20	PAVEMENT CORE SUMMARY

# HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 442201-03 CLASS C & D PATCHES
- 630006-01 NON-BLOCKED STEEL PLATE BEAM GUARDRAIL
- 631011-10 TRAFFIC BARRIER TERMINAL, TYPE 2
- 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
- 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
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901-09 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 420001-10 PAVEMENT JOINTS
- 630001-13 STEEL PLATE BEAM GUARDRAIL

## MTD CROSSING RESTRICTIONS TABLE

SBI 13B/FAS 1887A/SBI 13C ROUTE (CRAB ORCHARD ROAD) SN & CENTERLINE STATION			EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
			FOOT	FOOT	
SN 100-7066	STA	210+43	1.1		EMPTY
SN 100-7095	STA	218+17	5.7		EMPTY
SN 100-2023	STA	244+90	1	0.67	EMPTY
SN 100-2021	STA	262+90	1.7	0.75	EMPTY

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	DRAWN -	REVISED -					*	6RS-3	Williamson	20	3
	CHECKED -	REVISED -					CONTRACT NO. 78A65				
PLOT DATE = 8/7/2024	DATE -	REVISED -		SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.	ILLINOIS   FED. AID PROJECT		

\*CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)

# 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 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

VIBRATORY ROLLERS WILL NOT BE ALLOWED WITHIN THE CORPORATE LIMITS OF THE ENTIRE PROJECT.

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

WHEN SHOULDER RESURFACING OF 6 FT 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

THE EXISTING PAVEMENT THICKNESS VARIES THROUGHOUT THE PROJECT AS SHOWN IN THE TABLE. VARIATIONS IN THE PATCH THICKNESS WILL BE PAID ACCORDING TO ARTICLE 442.10.

COMMITMENTS: NONE

# HMA MIXTURE REQUIREMENTS TABLES

The following HMA mixture requirements are applicable for this project

Locations	Hot-Mix Asphalt Surface Course & Incidental Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D, N70
PG:	PG64-22
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	Mix D
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QCP
Sublot Size:	1,000 tons
Material Transfer Device	Yes

Locations	Hot-Mix Asphalt Binder Course
Mixture Use(s):	Hot-Mix Asphalt Binder Course, IL-9.5FG, N70
PG64-22	PG64-22
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm Fine Graded
Friction Aggregate:	None
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QCP
Sublot Size:	3,000 tons
Material Transfer Device	Yes

Locations	Hot Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
PG:	PG64-22
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	3,000 tons
Material Transfer Device	No

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, MIX DESIGN, COMMITMENTS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	6RS-3	Williamson	20	4
CONTRACT NO. 78A65				

ILLINOIS FED. AID PROJECT  
\*CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)

# SUMMARY OF QUANTITIES

COUNTY:	WILLIAMSON
ROUTE:	SBI 13B/FAS 1887A/SBI 13C
FUNDING:	80% FEDERAL, 20% STATE
LOCATION:	RURAL ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	19,830
40600370	LONGITUDINAL JOINT SEALANT	FOOT	9,113
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	391
40600990	TEMPORARY RAMP	SQ YD	441
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	1,908
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	2,289
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	180
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	1,663
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	25,616
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	1,272
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SQ YD	192
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SQ YD	42
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	26

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ILLINOIS FED. AID PROJECT  
\*CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)

# SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON
ROUTE:	SBI 13B/FAS 1887A/SBI 13C
FUNDING:	80% FEDERAL, 20% STATE
LOCATION:	RURAL ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
48203100	HOT-MIX ASPHALT SHOULDERS	TON	188
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1
63200310	GUARDRAIL REMOVAL	FOOT	14
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2
67100100	MOBILIZATION	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,495
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	832
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	27,874
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	84
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	27,874

\* SPECIALTY ITEM

REV - MS

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PLOT DATE = 8/7/2024	DATE -	REVISED -		ILLINOIS   FED. AID PROJECT										

\*CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)

## SUMMARY OF QUANTITIES - CONT

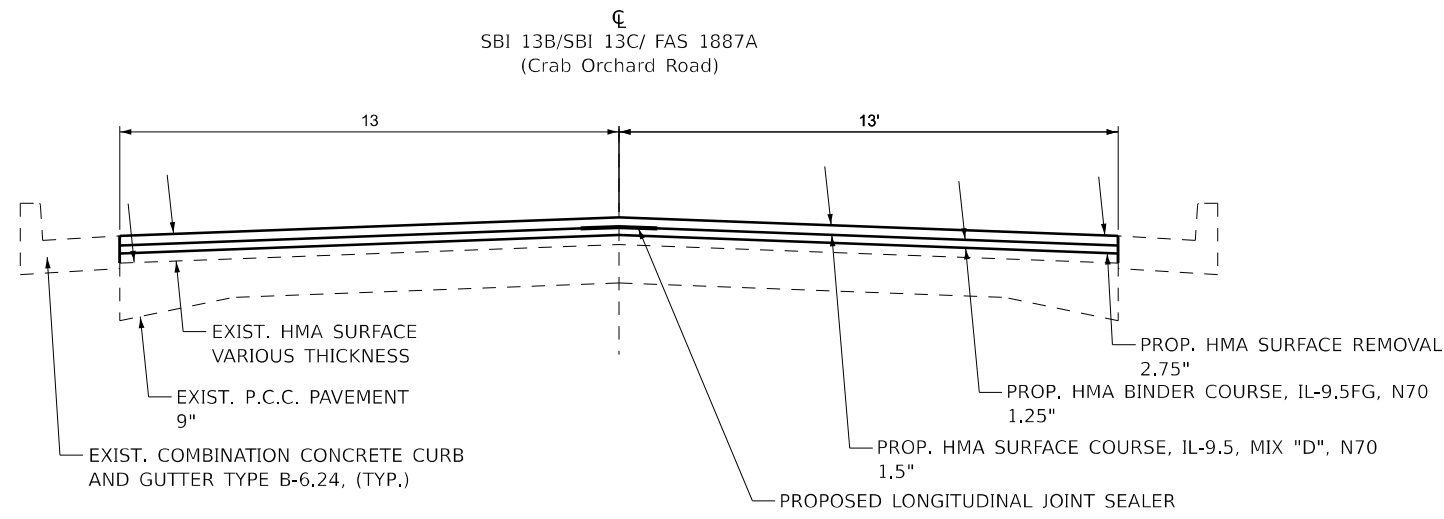
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ROUTE:	SBI 13B/FAS 1887A/SBI 13C
FUNDING:	80% FEDERAL, 20% STATE
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	84
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	120
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	7
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	27,958
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	292
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	8.5
Z0034105	MATERIAL TRANSFER DEVICE	TON	4,197

\* SPECIALTY ITEM

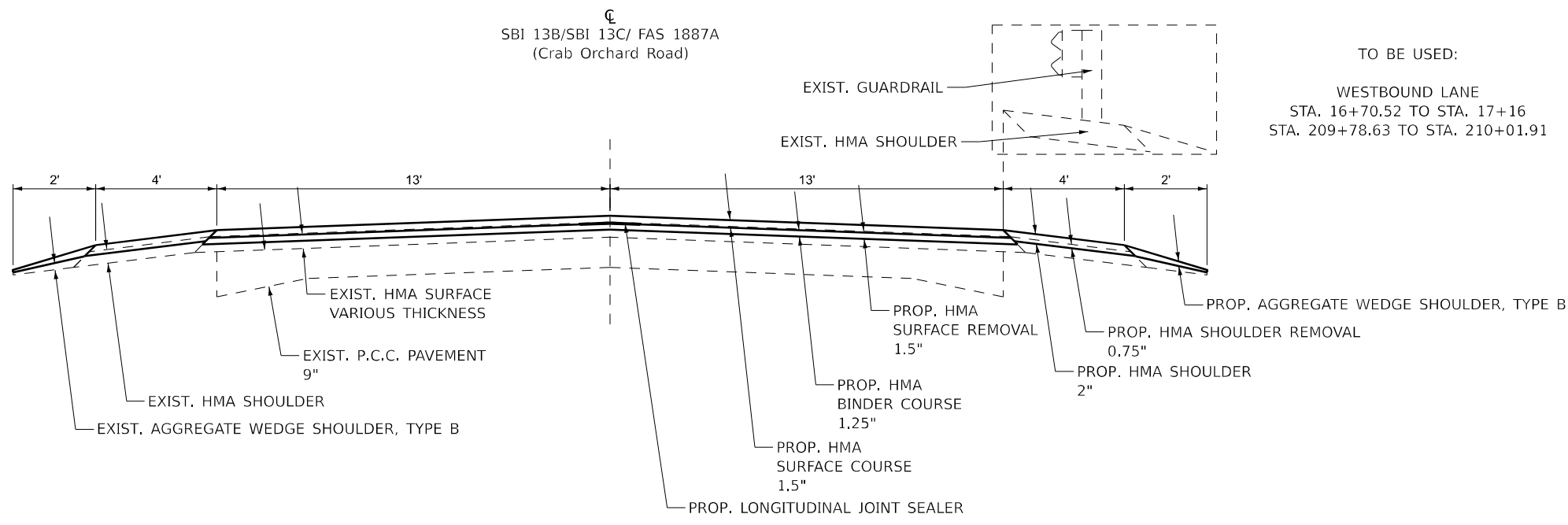
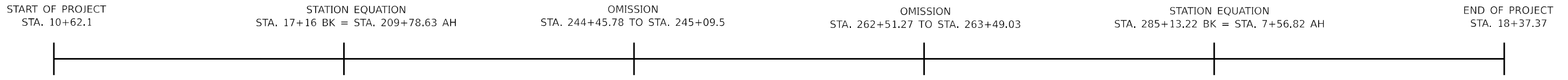
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	DRAWN -	REVISED -		SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.	6RS-3	Williamson	20	7
	CHECKED -	REVISED -		CONTRACT NO. 78A65									
PLOT DATE = 8/7/2024	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									



TO BE USED:  
 STA. 10+62.1 TO STA. 11+43.52  
 STA. 17+62.98 TO 18+37.37

SBI 13B/SBI 13C/ FAS 1887A  
 (CRAB ORCHARD ROAD)  
 STATION POINT LOCATION CHART



TO BE USED:  
 WESTBOUND LANE  
 STA. 16+70.52 TO STA. 17+16  
 STA. 209+78.63 TO STA. 210+01.91

TO BE USED:  
 STA. 11+43.52 TO STA. 17+16 BK  
 STATION EQUATION: 17+16 BK = 209+78.63 AH  
 STA. 209+78.63 AH TO STA. 210+57.88  
 STA. 9+13 TO STA. 17+62.98

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PLOT DATE = 8/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

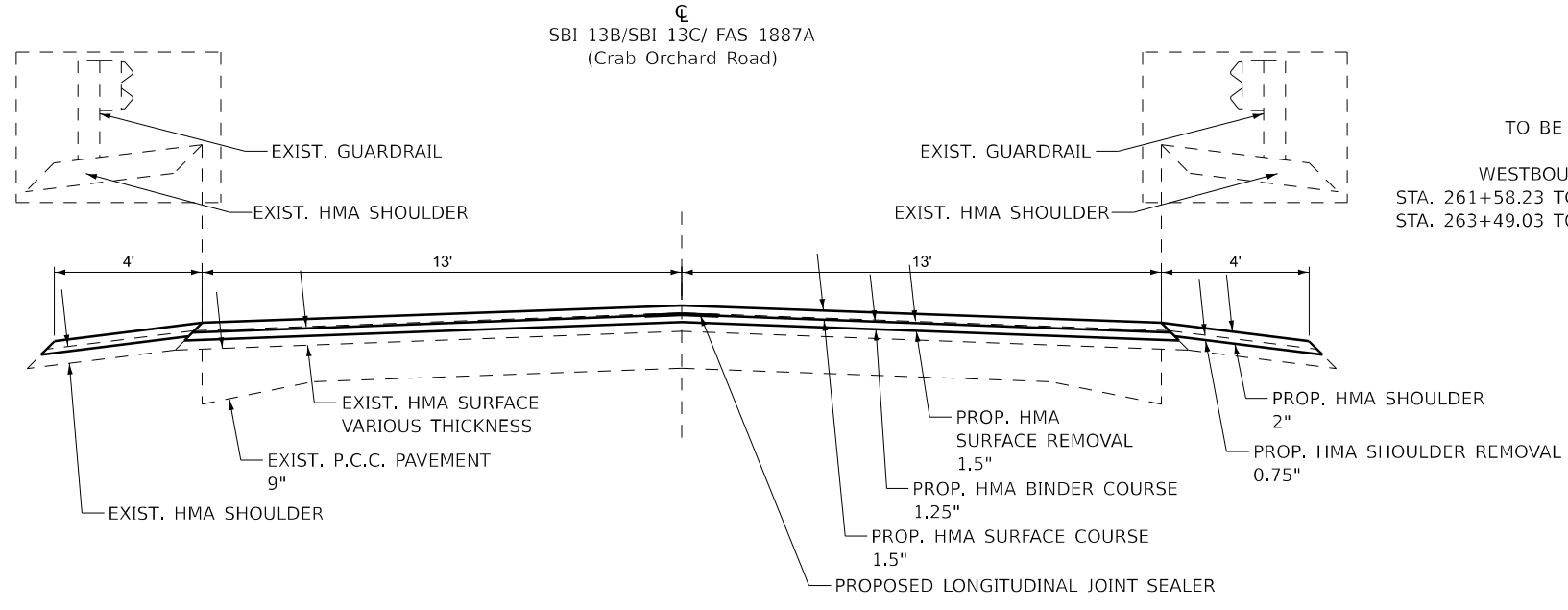
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STA.	TO STA.		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	6RS-3	Williamson	20	8
CONTRACT NO. 78A65				
ILLINOIS FED. AID PROJECT				

\*CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)



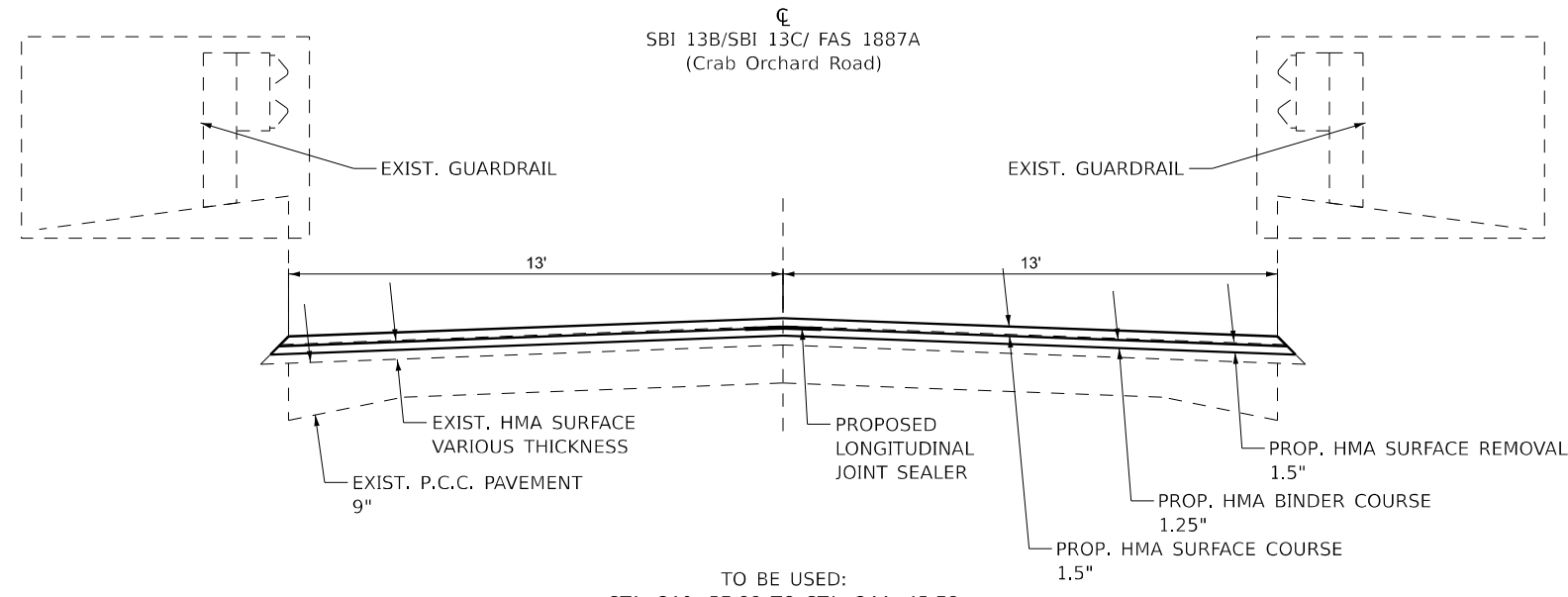
TO BE USED:  
 EASTBOUND LANE  
 STA. 210+25.30 TO STA. 210+57.88  
 STA. 260+57.85 TO STA. 262+51.27  
 STA. 263+34.64 TO STA. 264+22.18



TO BE USED:  
 WESTBOUND LANE  
 STA. 261+58.23 TO STA. 262+51.27  
 STA. 263+49.03 TO STA. 263+83.30

TO BE USED:  
 STA. 260+02.98 TO STA. 262+51.27  
 OMISSION: 262+51.27 TO 263+49.03  
 STA. 263+49.03 TO STA. 264+63.33

TO BE USED:  
 EASTBOUND LANE  
 STA. 210+57.88 TO STA. 211+30.41



TO BE USED:  
 WESTBOUND LANE  
 STA. 210+01.91 TO STA. 211+37.99

TO BE USED:  
 STA. 210+57.88 TO STA. 244+45.78  
 OMISSION: 244+45.78 TO 245+09.5  
 STA. 245+09.5 TO STA. 260+02.98  
 STA. 264+63.33 TO STA. 285+13.22 BK  
 STATION EQUATION: 285+13.22 BK = 7+56.82 AH  
 STA. 7+56.82 AH TO STA. 9+13

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>TYPICALS</b>			
SCALE:	SHEET 2	OF 2	SHEETS
STA.		TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	6RS-3	Williamson	20	9
CONTRACT NO. 78A65				
ILLINOIS FED. AID PROJECT				

\*CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)

## MAINLINE RESURFACING/REMOVAL SCHEDULE

LOCATION TO STATION	STATION	LENGTH	PAVEMENT WIDTH	HOT-MIX ASPHALT SURFACE REMOVAL (1 1/2")	HOT-MIX ASPHALT SURFACE REMOVAL (2 3/4")	HMA SURFACE REMOVAL, VARIABLE DEPTH	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)	LONGITUDINAL JOINT SEALER	TEMPORARY RAMP	REMARKS		
				(FOR INFORMATION ONLY)										
				(FOOT)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(POUND)		(FOOT)	(SQ YD)
<b>CRAB ORCHARD ROAD</b>														
10+62.1	TO 11+43.52	82	26 + VAR		639		45	54	431	82	159	CURB SECTION, ADJUSTED FOR RADIUS ONTO CRAB ORCHARD ROAD		
11+43.52	TO 17+16.	573	26 + VAR	1,683			118	142	1,136	573		SHOULDER SECTION, ADJUSTED FOR RADIUS ONTO CRAB ORCHARD ROAD		
<b>17+16 BK TO 209+78.63 AH</b>		<b>STATION EQUATION</b>												
209+78.63	TO 210+57.88	80	26	232			17	20	156	80		SHOULDER		
210+57.88	TO 244+45.78	3,388	26	9,716		73	686	823	6,607	3,388	27			
244+45.78	TO 245+09.5	64	<b>OMISSION SN 100-2023</b>									OMISSION		
245+09.5	TO 260+02.98	1,494	26	4,244		73	303	363	2,914	1,494	27			
260+02.98	TO 262+51.27	249	26	648		73	51	61	486	249	27	SHOULDER		
262+51.27	TO 263+49.03	98	<b>OMISSION SN 100-2021</b>									OMISSION		
263+49.03	TO 264+63.33	115	26	260		73	24	28	225	115	27	SHOULDER		
264+63.33	TO 285+13.22	2,050	26	5,923			415	498	3,998	2,050				
<b>285+13.22 BK TO 7+56.82 AH</b>		<b>STATION EQUATION</b>												
7+56.82	TO 9+13.	157	26	454			32	39	307	157				
9+13.	TO 17+62.98	850	26	2,456			172	207	1,658	850		SHOULDER		
17+62.98	TO 18+37.37	75	26 + VAR		633		45	54	427	75	174	CURB SECTION, ADJUSTED FOR RADIUS OFF OF CRAB ORCHARD ROAD		
<b>TOTAL</b>		9,275		25,616	1,272	292	1,908	2,289	18,345	9,113	441			

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	DRAWN -	REVISED -
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PLOT DATE = 8/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>MAINLINE RESURFACING/REMOVAL SCHEDULE</b>			
SCALE:	SHEET 1 OF 6 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	6RS-3	Williamson	20	10
CONTRACT NO. 78A65				
ILLINOIS FED. AID PROJECT				

\*CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)

## SHOULDER SCHEDULE

LOCATION STATION TO STATION	LENGTH  (FOR INFORMATION ONLY) (FOOT)	SHOULDER WIDTH  (FOOT)	HMA SURFACE REMOVAL (3/4")  (SQ YD)	HMA SHOULDERS  (TON)	AGGREGATE WEDGE SHOULDERS, TYPE B  (TON)	BITUMINOUS MATERIALS (TACK COAT)  (POUND)	REMARKS							
								(FOR INFORMATION ONLY)						
<b>CRAB ORCHARD ROAD</b>														
10+62.1 TO 11+43.52	82						CURB SECTION							
11+43.52 TO 17+16.	573	4	510	58	10	230	SHOULDER SECTION, ADJUSTED FOR RADIUS ONTO CRAB ORCHARD ROAD							
<b>17+16 BK TO 209+78.63 AH</b>	<b>STATION EQUATION</b>						STATION EQUATION							
209+78.63 TO 210+57.88	80	4	72	8	2	32	SHOULDER							
210+57.88 TO 244+45.78	3,388													
244+45.78 TO 245+09.5	64	<b>OMISSION SN 100-2023</b>					OMISSION							
245+09.5 TO 260+02.98	1,494													
260+02.98 TO 262+51.27	249	4	222	25		100	SHOULDER							
262+51.27 TO 263+49.03	98	<b>OMISSION SN 100-2021</b>					OMISSION							
263+49.03 TO 264+63.33	115	4	103	12		46	SHOULDER							
264+63.33 TO 285+13.22	2,050													
<b>285+13.22 BK TO 7+56.82 AH</b>	<b>STATION EQUATION</b>						STATION EQUATION							
7+56.82 TO 9+13.	157													
9+13. TO 17+62.98	850	4	756	85	14	340	SHOULDER							
17+62.98 TO 18+37.37	75						CURB SECTION							
<b>TOTAL</b>	9,275		1,663	188	26	748								

MODEL: Schedule 2 (Sheet)  
FILE NAME: c:\p\work\illinois.gov\0969548\0978A65-SHE-Schedules.dgn

USER NAME = Zachary.Hughey	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SHOULDER SCHEDULE</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -		SCALE:	SHEET 2	OF 6	SHEETS	STA.	TO STA.	6RS-3	Williamson	20	11
	CHECKED -	REVISED -		CONTRACT NO. 78A65									
PLOT DATE = 8/7/2024	DATE -	REVISED -		ILLINOIS   FED. AID PROJECT									

\*CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)

# ENTRANCE SCHEDULE CRAB ORCHARD ROAD

LOCATION				EXISTING SURFACE TYPE	PROPOSED SURFACE TYPE	PROPOSED AREA	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIAL (TACK COAT)	HMA SURFACE REMOVAL BUTT JOINT	REMARKS
SIDE	STATIONS		ENTRANCE TYPE			(SQ FT)	(TONS)	(POUND)	(SQ YD)	
RT	12+71.29	TO 13+04.74	HIDDEN VALLEY LANE	BITUMINOUS	BITUMINOUS	463	4	24	52	
	<b>17+16 BK</b>	<b>TO 209+78.63 AH</b>	<b>STATION EQUATION</b>							
RT	209+98.55	TO 210+26.25	VALLEY VIEW ROAD	BITUMINOUS	BITUMINOUS	359	3	18	40	
LT	211+54.48	TO 212+15.20	PRIVATE	AGGREGATE	BITUMINOUS	228	5	12		
RT	213+14.35	TO 213+35.11	PRIVATE	AGGREGATE	BITUMINOUS	79	2	4		FIELD ENTRANCE
RT	214+35.77	TO 214+63.95	PRIVATE	BITUMINOUS	BITUMINOUS	96	1	5		
RT	217+03.50	TO 217+23.87	PRIVATE	AGGREGATE	BITUMINOUS	75	2	4		
LT	219+73.63	TO 219+87.85	PRIVATE	AGGREGATE	BITUMINOUS	51	1	3		
RT	220+45.13	TO 220+58.65	PRIVATE	BITUMINOUS	BITUMINOUS	44	1	3		
RT	221+02.24	TO 221+24.25	PRIVATE	BITUMINOUS	BITUMINOUS	78	1	4		
RT	222+93.50	TO 223+22.42	PRIVATE	BITUMINOUS	BITUMINOUS	103	1	6		
LT	223+33.80	TO 223+89.91	LEISURE LANE	AGGREGATE	BITUMINOUS	632	12	32	71	
RT	223+37.22	TO 223+66.69	PRIVATE	BITUMINOUS	BITUMINOUS	103	1	6		
LT	223+85.97	TO 224+30.10	PRIVATE	BITUMINOUS	BITUMINOUS	169	2	9		
RT	224+42.98	TO 224+57.36	PRIVATE	AGGREGATE	BITUMINOUS	56	2	3		
RT	224+94.15	TO 225+36.73	PRIVATE	AGGREGATE	BITUMINOUS	159	3	8		
LT	225+66.79	TO 225+89.16	PRIVATE	AGGREGATE	BITUMINOUS	82	2	5		
LT	226+47.27	TO 226+64.89	PRIVATE	AGGREGATE	BITUMINOUS	66	2	4		
RT	226+55.87	TO 226+82.76	PRIVATE	AGGREGATE	BITUMINOUS	97	2	5		FIELD ENTRANCE
LT	227+41.00	TO 227+66.88	PRIVATE	BITUMINOUS	BITUMINOUS	90	1	5		
LT	227+66.03	TO 227+96.02	PRIVATE	BITUMINOUS	BITUMINOUS	104	1	6		
RT	227+82.09	TO 228+17.07	PRIVATE	PCC	BITUMINOUS	124	1	7		
LT	228+81.19	TO 229+03.61	PRIVATE	AGGREGATE	BITUMINOUS	85	2	5		
RT	228+97.44	TO 229+06.14	PRIVATE	AGGREGATE	BITUMINOUS	30	1	2		
LT	230+36.61	TO 230+59.14	PRIVATE	AGGREGATE	BITUMINOUS	76	2	4		
LT	231+73.30	TO 231+95.83	PRIVATE	BITUMINOUS	BITUMINOUS	74	1	4		
RT	232+82.72	TO 233+26.06	PRIVATE	BITUMINOUS	BITUMINOUS	154	2	8		
LT	232+99.24	TO 233+30.63	PRIVATE	BITUMINOUS	BITUMINOUS	116	1	6		
LT	233+83.36	TO 234+13.59	PRIVATE	BITUMINOUS	BITUMINOUS	102	1	6		
RT	234+09.52	TO 234+32.47	PRIVATE	BITUMINOUS	BITUMINOUS	80	1	4		
LT	234+32.84	TO 234+74.10	PRIVATE	AGGREGATE	BITUMINOUS	157	3	8		
LT	234+73.65	TO 234+95.03	PRIVATE	BITUMINOUS	BITUMINOUS	78	1	4		
LT	235+97.92	TO 236+59.51	PRIVATE	BITUMINOUS	BITUMINOUS	227	2	12		
RT	235+95.09	TO 236+47.18	PRIVATE	AGGREGATE	BITUMINOUS	187	4	10		
LT	236+89.50	TO 237+17.00	PRIVATE	BITUMINOUS	BITUMINOUS	94	1	5		
RT	237+38.42	TO 237+47.11	PRIVATE	BITUMINOUS	BITUMINOUS	33	1	2		
LT	238+15.31	TO 238+33.49	PRIVATE	BITUMINOUS	BITUMINOUS	64	1	4		
RT	238+17.49	TO 238+39.01	PRIVATE	BITUMINOUS	BITUMINOUS	75	1	4		
LT	239+20.46	TO 239+38.99	PRIVATE	BITUMINOUS	BITUMINOUS	66	1	4		
RT	239+66.86	TO 239+87.46	PRIVATE	AGGREGATE	BITUMINOUS	71	2	4		
LT	239+93.35	TO 240+48.59	BARBARA KAY ROAD	BITUMINOUS	BITUMINOUS	614	5	31	69	
RT	240+31.38	TO 240+66.45	PRIVATE	BITUMINOUS	BITUMINOUS	120	1	6		
<b>TOTAL</b>						5,761	84	306	232	

MODEL: Schedule 7 (Sheet)  
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	CHECKED -	REVISED -
PLOT DATE = 8/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE SCHEDULE**

SCALE: SHEET OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	6RS-3	Williamson	20	12
CONTRACT NO. 78A65				

ILLINOIS FED. AID PROJECT  
\*CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)

## ENTRANCE SCHEDULE CRAB ORCHARD ROAD CONT.

LOCATION				EXISTING SURFACE TYPE	PROPOSED SURFACE TYPE	PROPOSED AREA	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIAL (TACK COAT)	HMA SURFACE REMOVAL BUTT JOINT	REMARKS	
SIDE	STATIONS			ENTRANCE TYPE		(SQ FT)	(TONS)	(POUND)	(SQ YD)		
LT	241+93.71	TO	242+16.33	PRIVATE	BITUMINOUS	BITUMINOUS	84	1	5		
LT	242+49.95	TO	243+04.96	PRIVATE	BITUMINOUS	BITUMINOUS	210	2	11	COMMERCIAL	
RT	243+26.88	TO	243+64.21	PRIVATE	BITUMINOUS	BITUMINOUS	136	2	7		
LT	243+57.13	TO	243+78.34	PRIVATE	BITUMINOUS	BITUMINOUS	80	1	4	COMMERCIAL	
LT	243+84.56	TO	244+09.07	PRIVATE	PCC	BITUMINOUS	96	1	5		
LT	245+00.15	TO	245+17.66	PRIVATE	AGGREGATE	BITUMINOUS	28	1	2		
RT	245+19.75	TO	245+39.48	PRIVATE	BITUMINOUS	BITUMINOUS	68	1	4	COMMERCIAL	
LT	245+39.31	TO	245+95.50	PRIVATE	AGGREGATE	BITUMINOUS	193	4	10	COMMERCIAL	
RT	245+62.14	TO	246+08.02	PRIVATE	BITUMINOUS	BITUMINOUS	167	2	9	COMMERCIAL	
RT	246+24.44	TO	246+53.77	PRIVATE	BITUMINOUS	BITUMINOUS	103	1	6	COMMERCIAL	
LT	246+41.90	TO	246+80.24	SHAMROCK STREET	BITUMINOUS	BITUMINOUS	429	4	22	12	
LT	247+22.99	TO	247+49.36	PRIVATE	AGGREGATE	BITUMINOUS	93	2	5	COMMERCIAL	
RT	247+35.71	TO	247+86.35	PRIVATE	BITUMINOUS	BITUMINOUS	179	2	9	COMMERCIAL	
LT	248+68.07	TO	249+09.22	COAL VALLEY STREET	BITUMINOUS	BITUMINOUS	451	4	23	19	
RT	248+57.61	TO	248+85.61	PRIVATE	BITUMINOUS	BITUMINOUS	99	1	5	COMMERCIAL	
RT	248+85.61	TO	249+33.12	PRIVATE	AGGREGATE	BITUMINOUS	182	4	10	COMMERCIAL	
RT	249+61.10	TO	250+00.13	PRIVATE	BITUMINOUS	BITUMINOUS	143	2	8	COMMERCIAL	
LT	250+34.65	TO	250+65.78	PRIVATE	BITUMINOUS	BITUMINOUS	109	1	6	COMMERCIAL	
RT	250+00.23	TO	250+76.84	STONEFORT ROAD	BITUMINOUS	BITUMINOUS	935	8	47	11	
RT	251+02.09	TO	251+27.75	PRIVATE	AGGREGATE	BITUMINOUS	92	2	5	COMMERCIAL	
RT	252+74.31	TO	252+97.56	PRIVATE	AGGREGATE	BITUMINOUS	76	2	4	FIELD ENTRANCE	
LT	253+70.49	TO	254+33.22	PRIVATE	BITUMINOUS	BITUMINOUS	217	2	11	COMMERCIAL	
RT	255+42.29	TO	255+81.43	PRIVATE	AGGREGATE	BITUMINOUS	130	3	7		
LT	255+95.88	TO	256+26.38	PRIVATE	AGGREGATE	BITUMINOUS	67	2	4		
LT	260+08.60	TO	260+39.85	PRIVATE	BITUMINOUS	BITUMINOUS	112	1	6		
LT	263+73.54	TO	264+60.27	PAULTON ROAD	BITUMINOUS	BITUMINOUS	1,013	8	51	9	
LT	266+93.67	TO	267+22.65	PRIVATE	BITUMINOUS	BITUMINOUS	101	1	6		
LT	269+64.69	TO	269+85.47	PRIVATE	BITUMINOUS	BITUMINOUS	79	1	4		
RT	270+57.10	TO	270+72.56	PRIVATE	BITUMINOUS	BITUMINOUS	54	1	3		
LT	270+68.28	TO	270+85.89	PRIVATE	BITUMINOUS	BITUMINOUS	59	1	3		
LT	272+65.91	TO	272+98.94	KELLY LANE	BITUMINOUS	BITUMINOUS	359	3	18	18	
RT	272+81.68	TO	273+04.09	PRIVATE	AGGREGATE	BITUMINOUS	75	2	4		
LT	276+31.70	TO	276+64.90	PRIVATE	BITUMINOUS	BITUMINOUS	110	1	6		
RT	277+47.45	TO	277+88.46	SUNNYBROOK ROAD	BITUMINOUS	BITUMINOUS	487	4	25	21	
LT	279+21.12	TO	279+52.42	PRIVATE	AGGREGATE	BITUMINOUS	117	3	6	COMMERCIAL	
RT	280+72.95	TO	281+02.08	PRIVATE	AGGREGATE	BITUMINOUS	90	2	5		
<b>285+13.22 BK TO 7+56.82 AH STATION EQUATION</b>											
LT	284+94.22	TO	7+69.50	PRIVATE	AGGREGATE	BITUMINOUS	119	3	6	FIELD ENTRANCE	
LT	8+22.82	TO	8+82.87	PRIVATE	PCC	BITUMINOUS	208	2	11	COMMERCIAL	
LT	9+56.26	TO	10+29.55	PRIVATE	PCC	BITUMINOUS	253	2	13		
RT	13+73.09	TO	14+31.41	RANCH LANE	BITUMINOUS	BITUMINOUS	690	6	35	69	
<b>TOTAL</b>							8,293	96	431	159	
<b>CRAB ORCHARD ROAD TOTAL</b>							14,054	180	737	391	

MODEL - Schedule 4 (Sheet)  
FILE NAME - c:\pwworking\illinois.gov\_zachary.hughey@illinois.gov\0969548\0978A65-SHE-Schedules.dgn

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	CHECKED -	REVISED -
PLOT DATE = 8/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE SCHEDULE**

SCALE: SHEET OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	6RS-3	Williamson	20	13
CONTRACT NO. 78A65				

## PATCHING SCHEDULE

WIDTH (FOOT)	LENGTH (FOOT)	AREA (SQ YD)	CLASS C PATCHES, TYPE II, 13" (SQ YD)	CLASS C PATCHES, TYPE IV, 13" (SQ YD)
12	6	8	8	
12	6	8	8	
12	6	8	8	
12	6	8	8	
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12	6	8	8	
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12	6	8	8	
12	6	8	8	
12	6	8	8	
12	6	8	8	
12	6	8	8	
12	6	8	8	
5	75	42		42
<b>TOTAL</b>		234	192	42

## GUARDRAIL SCHEDULE

STATION POINTS			STEEL PLATE BEAM GAURDRAIL, SHORT RADIUS PLACEMENT (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	GAURDRAIL REMOVAL (FOOT)	REMARKS
10+62.10	TO	17+16				
<b>17+16 BK</b>	<b>TO</b>	<b>209+78.63 AH</b>	<b>STATION EQUATION</b>			
209+78.63	TO	210+26.25				
210+26.25	TO	210+35.25	8.5	1	14	GAURDRAIL LOCATED NEXT TO EASTBOUND LANE. EXTENDS ONTO VALLEY WIEW ROAD
210+35.25	TO	285+13.22				
<b>285+13.22 BK</b>	<b>TO</b>	<b>7+56.82 AH</b>	<b>STATION EQUATION</b>			
7+56.82	TO	18+37.37				
<b>TOTAL</b>			8.5	1	14	

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## PAVEMENT MARKING SCHEDULE

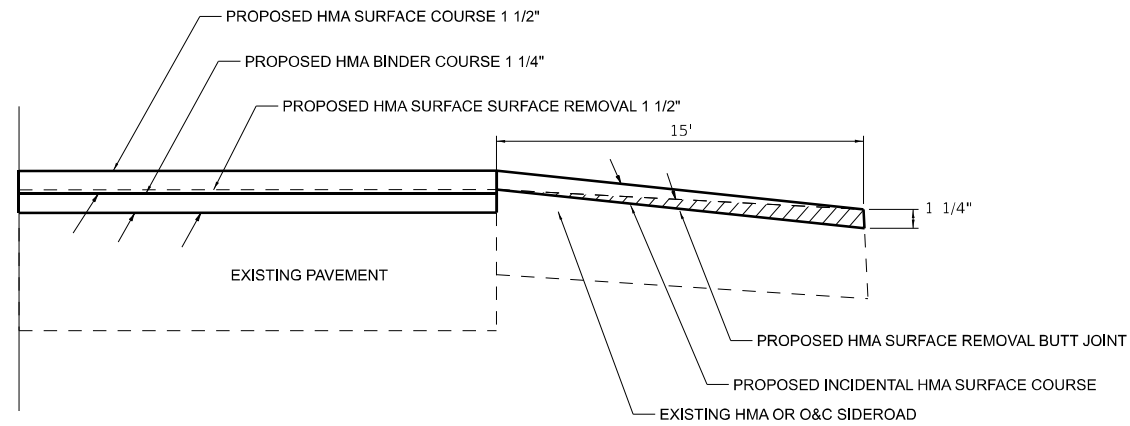
LOCATION STATION TO STATION			PAINT PAVEMENT MARKING				RPM'S	REMARKS
			LINE - 4"			LINE - 24"	2-WAY AMBER (EACH)	
			YELLOW SOLID (FOOT)	YELLOW SKIP DASH (FOOT)	WHITE SOLID (FOOT)	WHITE SOLID (FOOT)		
10+62.1	TO	10+70.						
10+68.						40	STOP BAR	
10+70.	TO	17+16.	1,292		1,244	9	NO PASSING ZONE	
<b>17+16 BK</b>	<b>TO</b>	<b>209+78.63 AH</b>	<b>STATION EQUATION</b>					
209+78.63	TO	223+25.83	2,695		2,695	17		
223+25.83	TO	229+06.86	582	146	1,163	8	EAST PASSING	
229+06.86	TO	229+77.61	142		142	1	NO PASSING ZONE	
229+77.61	TO	234+41.11	464	116	927	6	WEST PASSING	
234+41.11	TO	235+20.41	159		159	1	NO PASSING ZONE	
235+20.41	TO	241+91.79	672	168	1,343	9	EAST PASSING	
241+91.79	TO	244+45.78		64	508	4	BOTH PASSING	
244+45.78	TO	245+09.5	<b>OMISSION SN 100-2023</b>					BRIDGE
245+09.5	TO	262+51.27		436	3,484	22	BOTH PASSING	
262+51.27	TO	263+34.64	<b>OMISSION SN 100-2021</b>					BRIDGE
263+34.64	TO	283+89.8		514	4,169	26	BOTH PASSING, ADJUSTED FOR WHITE LINES LEADING ONTO PAULTON ROAD	
283+89.8	TO	285+13.22	124	31	247	2	WEST PASSING	
<b>285+13.22 BK</b>	<b>TO</b>	<b>7+56.82 AH</b>	<b>STATION EQUATION</b>					
7+56.82	TO	8+96.9	141	36	281	2	WEST PASSING	
8+96.9	TO	18+29.	1,865		1,865	12		
18+29.						44	STOP BAR	
18+29.	TO	18+37.37				1		
<b>SUB TOTAL</b>			8,136	1,511	18,227	84	120	
<b>TOTAL</b>			27,874			84	120	

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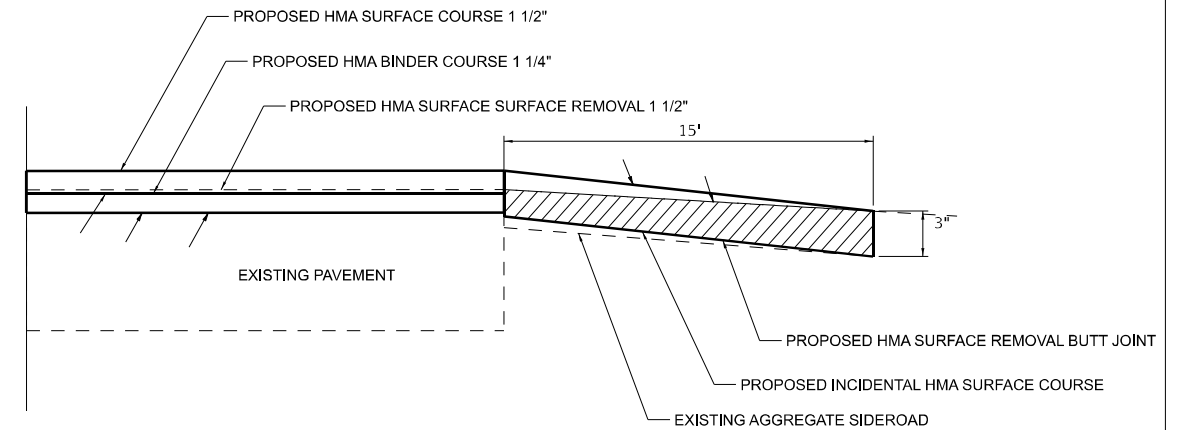
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	DRAWN -	REVISED -		SCALE:	SHEET	OF 6 SHEETS	STA.	TO STA.	6RS-3	Williamson	20	15
	CHECKED -	REVISED -		CONTRACT NO. 78A65								
PLOT DATE = 8/7/2024	DATE -	REVISED -		ILLINOIS FED. AID PROJECT *CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)								

# CRAB ORCHARD ROAD SIDEROAD AND ENTRANCE DETAILS

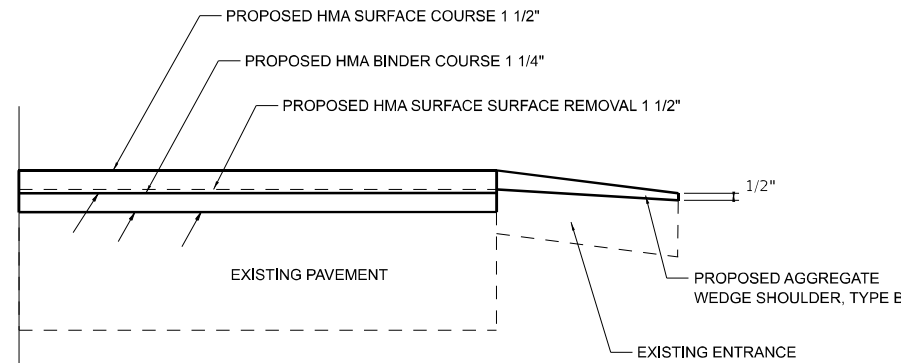
## HMA, PCC OR OIL & CHIP SIDEROADS WITH BUTT JOINT



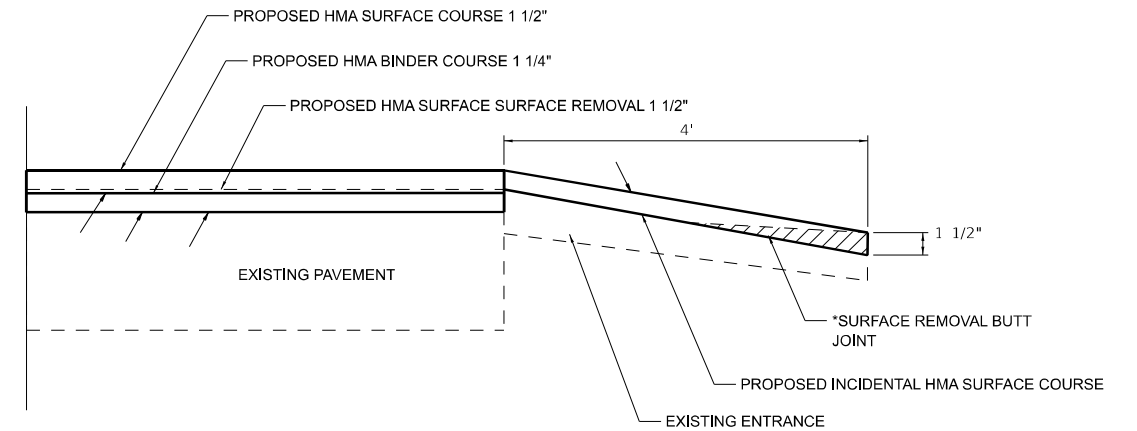
## AGGREGATE SIDEROADS



## AGGREGATE ENTRANCE



## BITUMINOUS OR PCC ENTRANCE



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 SURFACING.
3. \*SURFACE REMOVAL BUTT JOINT ON ENTRANCES IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACING.

MODEL: District Standard-1 (Sheet)  
FILE NAME: c:\p\work\illinois\gov\0969548\0978A65-SHS-DistrictStd.dgn

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

### SIDEROAD AND ENTRANCE DETAILS

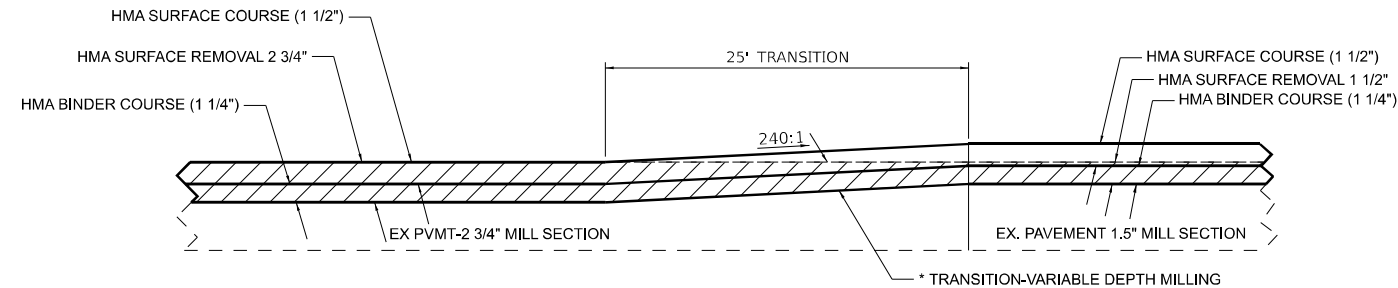
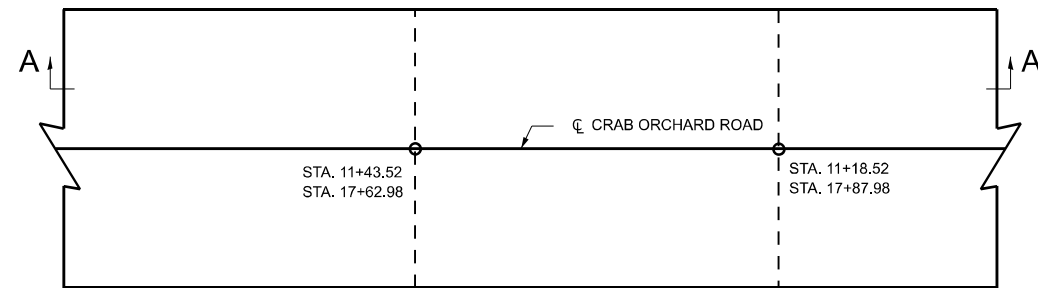
SCALE: SHEET 18 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	6RS-3	Williamson	20	16
CONTRACT NO. 78A65				
ILLINOIS FED. AID PROJECT				

\*CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)



### MILLING TRANSITION



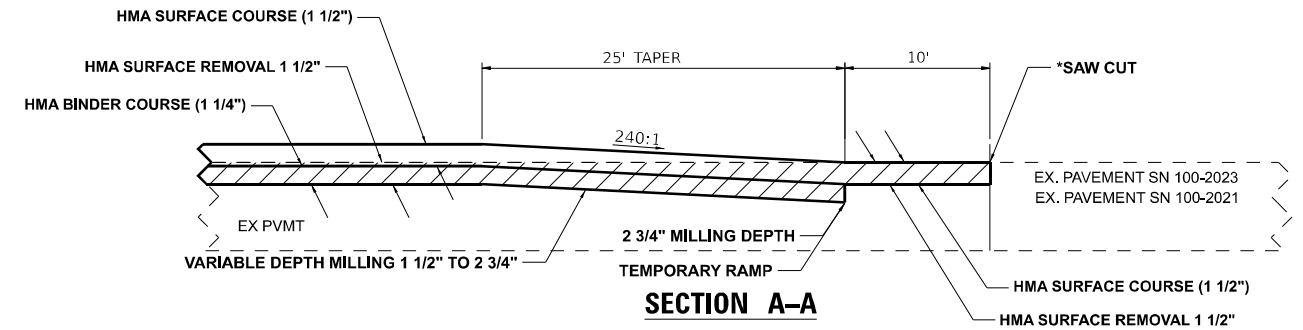
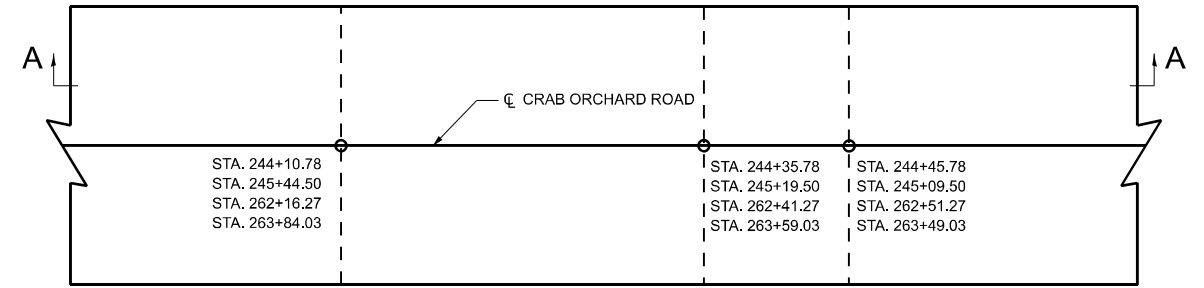
**SECTION A-A**

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

### RESURFACING TRANSITION

SN 100-2023 APPROACH PAVEMENT

SN 100-2021 APPROACH PAVEMENT



**SECTION A-A**

\*INCLUDED IN COST OF VARIABLE DEPTH MILLING

MODEL: District Standard-2 (Sheet)  
FILE NAME: c:\p\work\illinois.gov\zachary.hughey@illinois.gov\0969548\0978A65-S\13B-S\DistrictStd.dgn

USER NAME = Zachary.Hughey	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/7/2024	DATE -	REVISED -

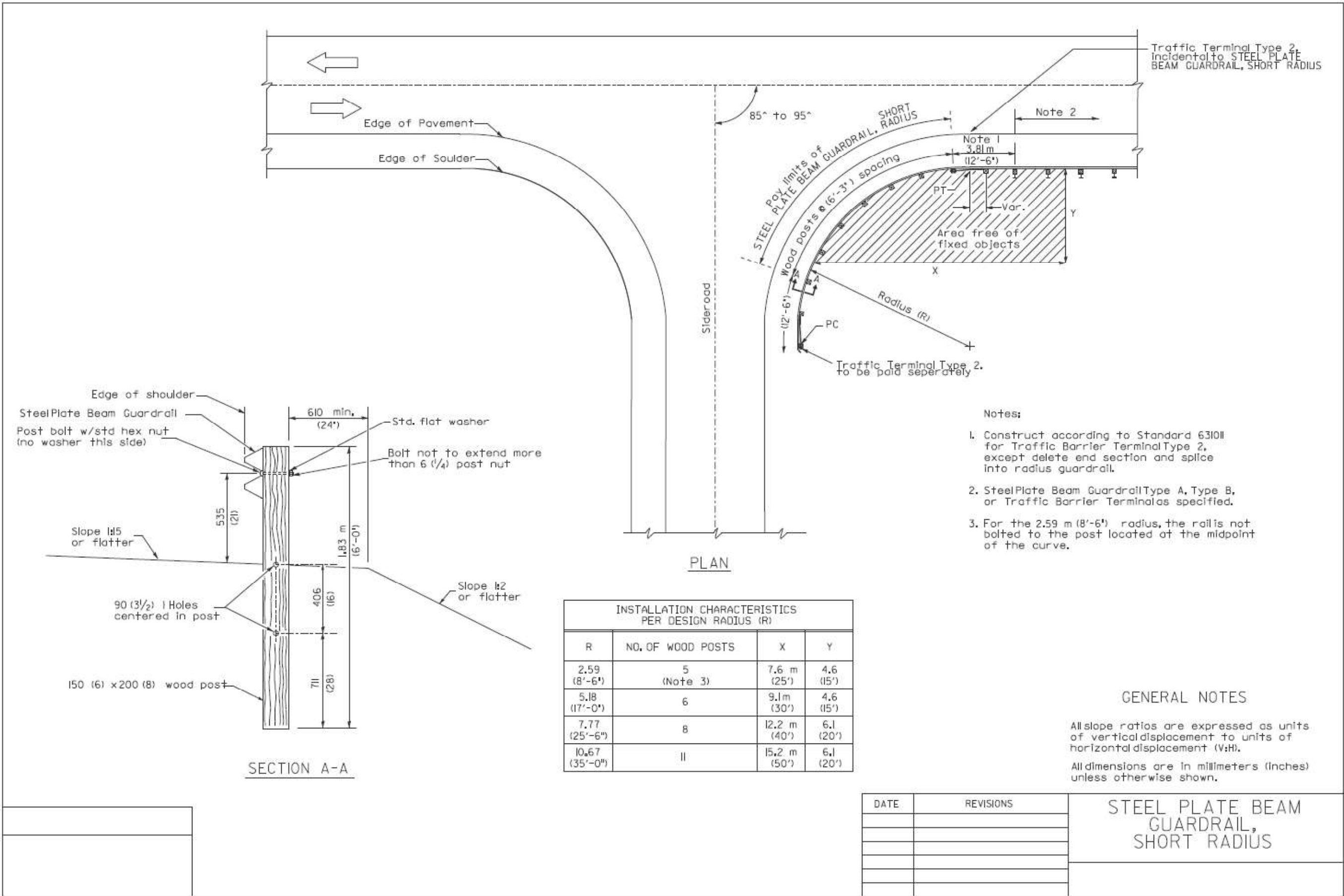
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MILLING TRANSITION, RESURFACING TRANSITION**

SCALE: SHEET 19 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	6RS-3	Williamson	20	17
CONTRACT NO. 78A65				
ILLINOIS FED. AID PROJECT				

\*CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)



Traffic Terminal Type 2, incidental to STEEL PLATE BEAM GUARDRAIL, SHORT RADIUS

Notes:

1. Construct according to Standard 6310I for Traffic Barrier Terminal Type 2, except delete end section and splice into radius guardrail.
2. Steel Plate Beam Guardrail Type A, Type B, or Traffic Barrier Terminal as specified.
3. For the 2.59 m (8'-6") radius, the rails not bolted to the post located at the midpoint of the curve.

INSTALLATION CHARACTERISTICS PER DESIGN RADIUS (R)			
R	NO. OF WOOD POSTS	X	Y
2.59 (8'-6")	5 (Note 3)	7.6 m (25')	4.6 (15')
5.18 (17'-0")	6	9.1 m (30')	4.6 (15')
7.77 (25'-6")	8	12.2 m (40')	6.1 (20')
10.67 (35'-0")	11	15.2 m (50')	6.1 (20')

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).  
All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS

STEEL PLATE BEAM GUARDRAIL, SHORT RADIUS

MODEL: Detail01 (Sheet) FILE NAME: c:\pwworking\illinois.gov\zachary.hughey@illinois.gov\0969548\0978A65-SHS-DistrictSide.dgn

USER NAME = Zachary.Hughey	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/7/2024	DATE -	REVISED -

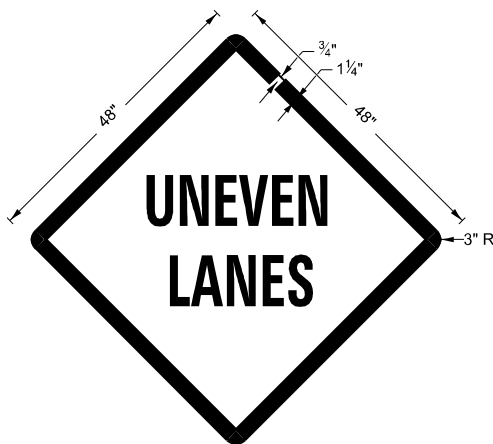
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STEEL PLATE BEAM GAURDRAIL, SHORT RADIUS DETAIL

SCALE: SHEET 20 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	6RS-3	Williamson	20	18
CONTRACT NO. 78A65				
ILLINOIS FED. AID PROJECT				
*CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)				

**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.

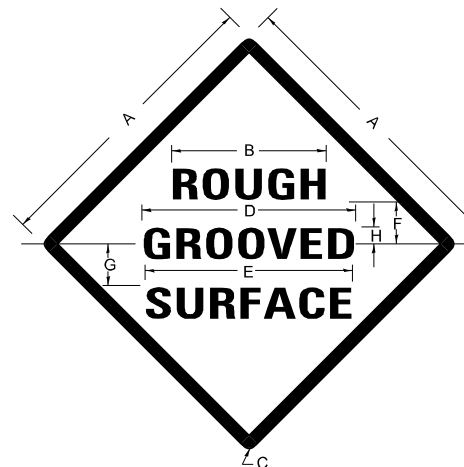
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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.

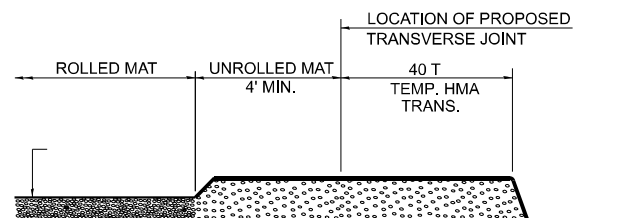
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

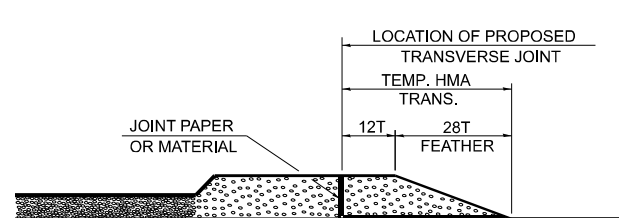
STD. 9-23

**TEMPORARY HOT-MIX ASPHALT TRANSITIONS**



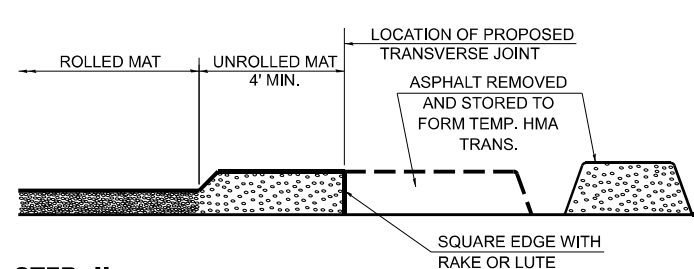
**STEP I**

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.



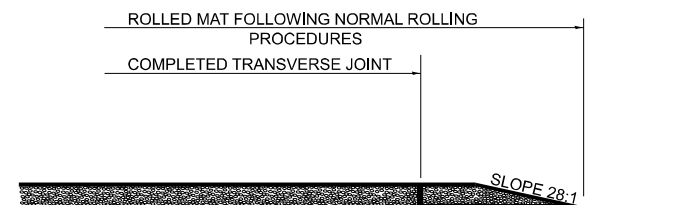
**STEP III**

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

MODEL - District Standards (Sheet)  
FILE NAME - c:\paw\work\illinois\gov\zachary.hughey@illinois.gov\0969548\0978A65-SHS-DistrictStand.dgn

USER NAME = Zachary.Hughey	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 8/7/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT STANDARDS**

SCALE: SHEET 21 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	6RS-3	Williamson	20	19
CONTRACT NO. 78A65				

ILLINOIS FED. AID PROJECT  
\*CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)

**PAVEMENT CORE SUMMARY**

**ILLINOIS DEPARTMENT OF TRANSPORTATION**

Route: Crab Orchard Road Contract No: 78A65  
 Section: 6RS-3 Job No: C-99-091-24  
 County: Williamson

DISTRICT 9

CORE NO.	LOCATION	DIRECTION	CORE OFFSET	HOLE DEPTH	SURFACE COURSE HMA	BINDER HMA	CONCRETE	TOTAL	HMA CONDITION	NOTES
	(MILE)		(FOOT)	(INCH)	(INCH)	(INCH)	(INCH)	(INCH)		
1	0	UNKNOWN	10	14	2.5	5.75		8.25		
2	0.5	SBL	6	13	1.5	5.25	7.25	14		
3	1	SBL	4	13.25	1.5	4	7.25	12.75		
4	1.5	SBL	8	15.25	1.5		7.25	8.75	BROKEN	HMA BINDER BLEW APART
5	1.75	NBL	8	9	1.5	7		8.5		
6	1.25	NBL	9	12.5	1.5	11		12.5		
7	0.75	NBL	3	12	1.5	3.5	6	11		
8	0.25	NBL	6	13	1.5	4.5	7	13		

\*FOR INFORMATION ONLY

\*\*NOTE: LOCATION IS THE MILE DISTANCE STARTING AT THE IL. 13 WEST CONNECTOR HEADING EASTBOUND TOWARD THE IL. 13 EAST CONNECTOR.

MODEL: Pavement Core Summary (Sheet)  
FILE NAME: c:\p\work\wv\illinois.gov\zachary.hughey\0978A65-SHS-District9.dgn

USER NAME = Zachary.Hughey	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT CORE SUMMARY</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						*	6RS-3	Williamson	20	20
	CHECKED -	REVISED -										
PLOT DATE = 8/7/2024	DATE -	REVISED -			SCALE:	SHEET 22	OF 5	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT *CRAB ORCHARD ROAD (SBI 13B/SBI 13C/FAS 1887A)	