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USER NAME = Christopher.Russell	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGNATURE SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)RS-5	WILLIAMSON	23	2
CONTRACT NO. 78A19				
ILLINOIS FED AID PROJECT				

Prepared By: \_\_\_\_\_  
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Lee  
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: [Signature]  
DISTRICT OPERATIONS ENGINEER

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

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

Examined By: Aan Hays  
DISTRICT MATERIALS ENGINEER

# INDEX OF SHEETS

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- 3 Index, Standards, MTD Restrictions
- 4 General Notes, Mix Design
- 5 7 Summary of Quantities
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- 23 **DETAILS:** TEMP. HMA TRANSITION, UNEVEN LANES,  
HELMETED BICYCLIST SYMBOL, ROUGH GROOVED SURFACE

# MTD CROSSING RESTRICTIONS TABLE

SN NUMBER ROUTE (IL 13)	LOCATION (MILE MARKER)	TYPE OF STRUCTURE	MTD CROSSING RESTRICTIONS
SN 100-2007	9.86	BOX CULVERT	<b>EMPTY MTD. MAX</b> GROSS WEIGHT: 40 TONS
SN 100-7011	10.85	BOX CULVERT	<b>EMPTY MTD. MAX</b> GROSS WEIGHT: 40 TONS
SN 100-7012	11.37	BOX CULVERT	<b>EMPTY MTD. MAX</b> GROSS WEIGHT: 40 TONS

# 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
- 442101-09 CLASS B PATCHES
- 442201-03 CLASS C & D PATCHES
- 482011-03\_HMASHLDRIPSTRIPS(SHLDS)WRESURFORWIDEN-RESURFPROJ
- 701101-05 OFFRDOP-MULTILN-LESSTHAN15FTTOEOP
- 701106-02 OFFRDOP-MULTILN-MORETHAN15FTAWAY
- 701422-10 LANE CLOSURE, MULTILANE, FOR SPEEDS 45 TO 155 MPH
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS 45 MPH OR MORE
- 701601-09 URBANLANECLOSUREMULTILN1W2WWITHNONTRVSAUBLEMED
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-09 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS-RAISED REFLECTIVE PAVEMENT MARKERS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

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USER NAME = Christopher.Russell	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS MTD RESTRICTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -					331	(1X-1)RS-5	WILLIAMSON	23	3
PLOT DATE = 1/25/2024	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 78A19				
DATE -	REVISED -	REVISED -		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.
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THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL AND SURFACE COURSE

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON THE INSIDE EDGE OF THE OUTSIDE SHOULDER 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

ALL DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 2 IN. MINIMUM DIAMETER EXCEPT THOSE PLACED UNDER RESURFACING. THE DETECTOR LOOP CORNERS PLACED UNDER RESURFACING SHALL BE DIAGONALLY SAWCUT.

ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

## HMA MIXTURE REQUIREMENTS TABLES

The following HMA mixture requirements are applicable for this project

Location(s):	Hot-Mix Asphalt Surface Course (Mainline)
Mixture Use(s):	Polymerized Stone Matrix Asphalt Surface Course, Mix E, N80
PG:	SBS PG 76-22
Design Air Voids:	4.0 %, 80 Gyration Design
Mixture Composition:	IL-9.5mm SMA
Friction Aggregate:	E Surface SMA
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	PFP
Sublot Size:	1,000 tons
Material Transfer Device (Required?):	Yes

Location(s):	Hot-Mix Asphalt Surface Course (Shoulders)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
PG:	PG 64-22
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:	QCOA
Sublot Size:	3,000 tons
Material Transfer Device (Required?):	No

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES  
MIX DESIGN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)RS-5	WILLIAMSON	23	4
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

COUNTY:	WILLIAMSON
ROUTE:	FAP 331
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	URBAN
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	43,546	43,546
40600370	LONGITUDINAL JOINT SEALANT	FOOT	40,564	40,564
40600990	TEMPORARY RAMP	SQ YD	730	730
40605024	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "E", N80	TON	7,589	7,589
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	101,590	101,590
44201031	CLASS B PATCHES, TYPE II, 15 INCH	SQ YD	75	75
44201299	DOWEL BARS 1 1/2"	EACH	200	200
44201415	CLASS C PATCHES, TYPE II, 15 INCH	SQ YD	500	500
44201419	CLASS C PATCHES, TYPE III, 15 INCH	SQ YD	150	150
44201421	CLASS C PATCHES, TYPE IV, 15 INCH	SQ YD	100	100
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2,873	2,873
48203100	HOT-MIX ASPHALT SHOULDERS	TON	996	996

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)RS-5	WILLIAMSON	23	5
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES - CONT

<b>COUNTY:</b>	<b>WILLIAMSON</b>
<b>ROUTE:</b>	<b>FAP 331</b>
<b>FUNDING:</b>	<b>80% FEDERAL 20% STATE</b>
<b>LOCATION:</b>	<b>URBAN</b>
<b>TOTAL QUANTITY</b>	<b>ROADWAY</b>
	<b>0005</b>

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3
67100100	MOBILIZATION	L SUM	1.0	1.0
70100315	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	1.0	1.0
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1.0	1.0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0	1.0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	112	112
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	10,048	10,048
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3,346	3,346
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	762	762
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	61,650	61,650
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	572	572
* 78004640	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 8"	FOOT	14,069	14,069

\* SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 331	SECTION (1X-1)RS-5	COUNTY WILLIAMSON	TOTAL SHEETS 23	SHEET NO. 6	
CONTRACT NO. 78A19					
ILLINOIS FED. AID PROJECT					

# SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON
ROUTE:	FAP 331
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	URBAN
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0005
* 78008300	POLYUREA PAVEMENT MARKING TYPE II - LETTERS AND SYMBOLS	SQ FT	1,279.3	1,279.3
* 78008310	POLYUREA PAVEMENT MARKING TYPE II - LINE 4"	FOOT	47,581	47,581
* 78008370	POLYUREA PAVEMENT MARKING TYPE II - LINE 24"	FOOT	572	572
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	1,279.3	1,279.3
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	47,581	47,581
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	14,069	14,069
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	572	572
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	336	336
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	336	336
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	27,147	27,147
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1,000	1,000
∅ Z0076600	TRAINEES	HOUR	500	500
Z0034105	MATERIAL TRANSFER DEVICE	TON	7,589	7,589
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500

\* SPECIALTY ITEM

∅ 0042

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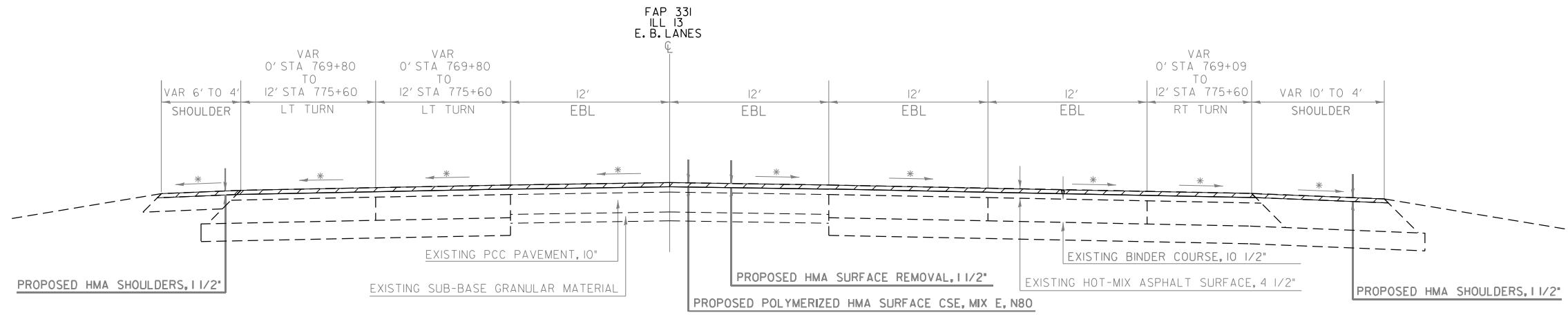
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

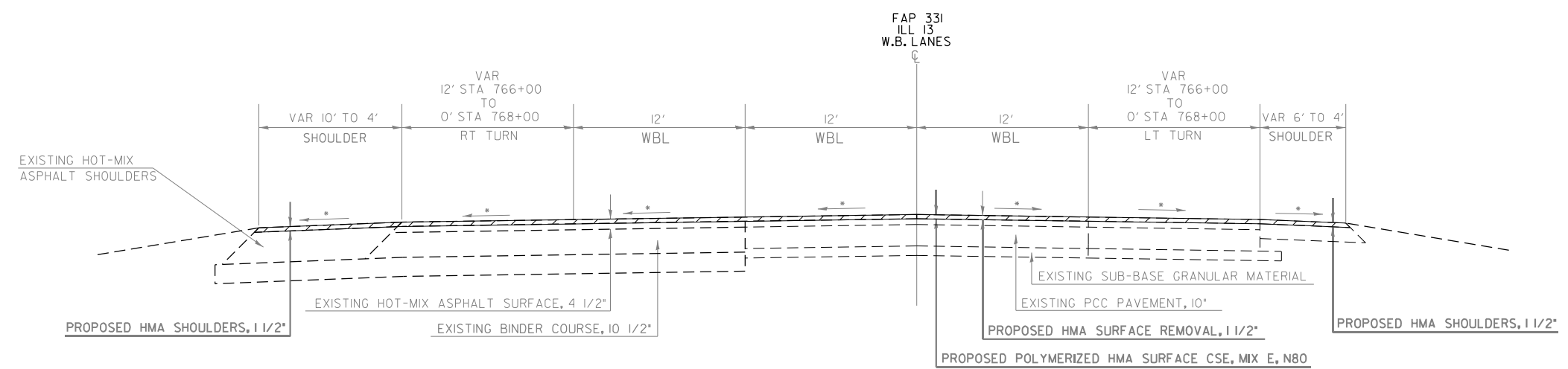
**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)RS-5	WILLIAMSON	23	7
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				



EASTBOUND  
TO BE USED:  
STA 765+81 to STA 771+88.79 BK  
STA 772+22.38 AH to STA 775+60



WESTBOUND  
TO BE USED:  
STA 766+00 to STA 772+13.96 BK  
STA 772+22.28 AH to STA 776+15

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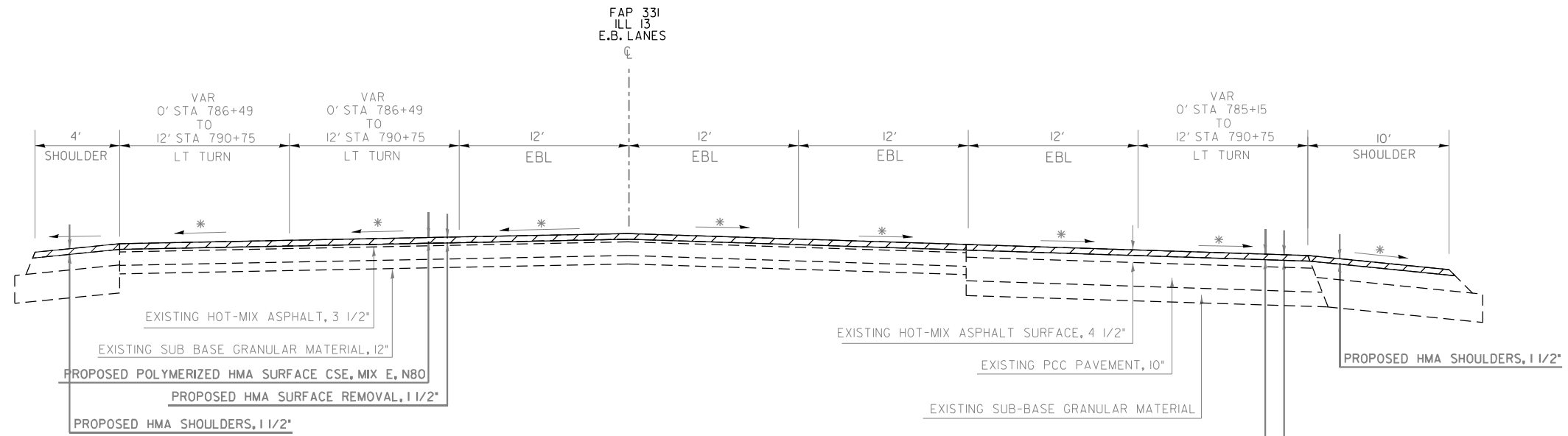
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

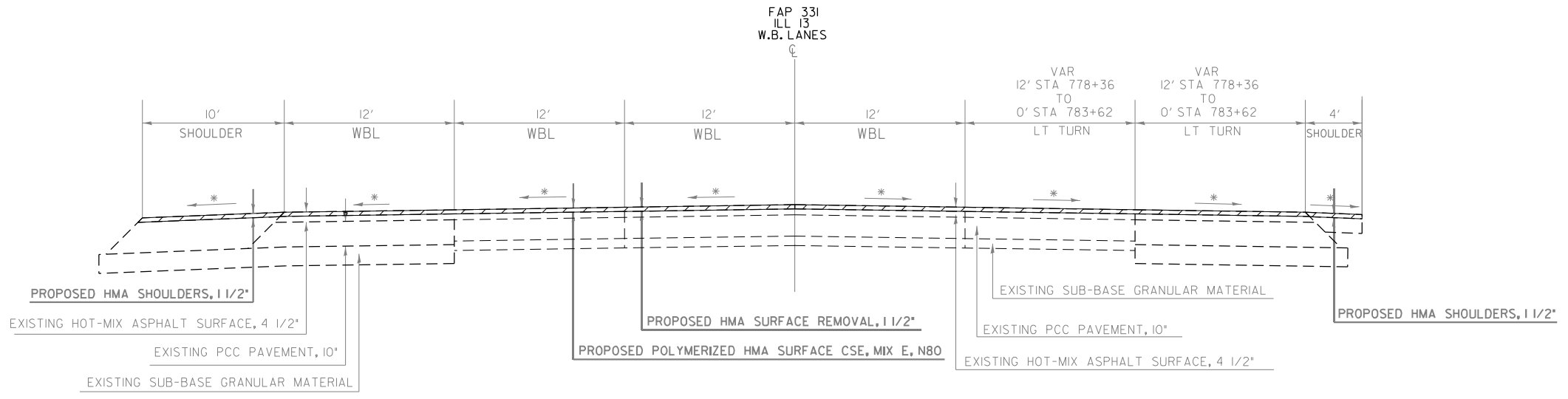
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SINCLAIR ROAD TO WILLIAMSON COUNTY PARKWAY  
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 331	SECTION (1X-1)RS-5	COUNTY WILLIAMSON	TOTAL SHEETS 24	SHEET NO. 8
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				





EASTBOUND  
TO BE USED:  
STA 777+95 to STA 790+75



WESTBOUND  
TO BE USED:  
STA 778+36 to STA 791+30

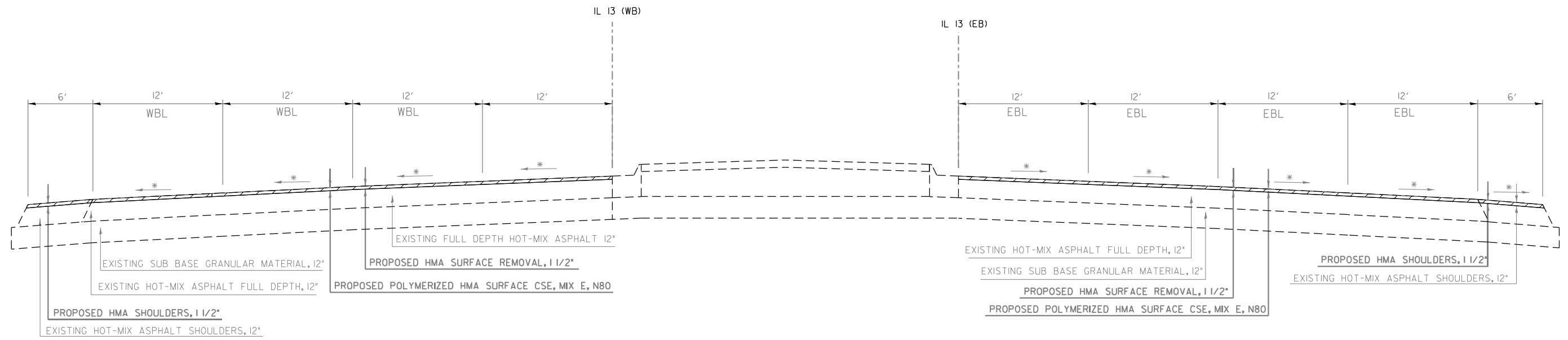
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

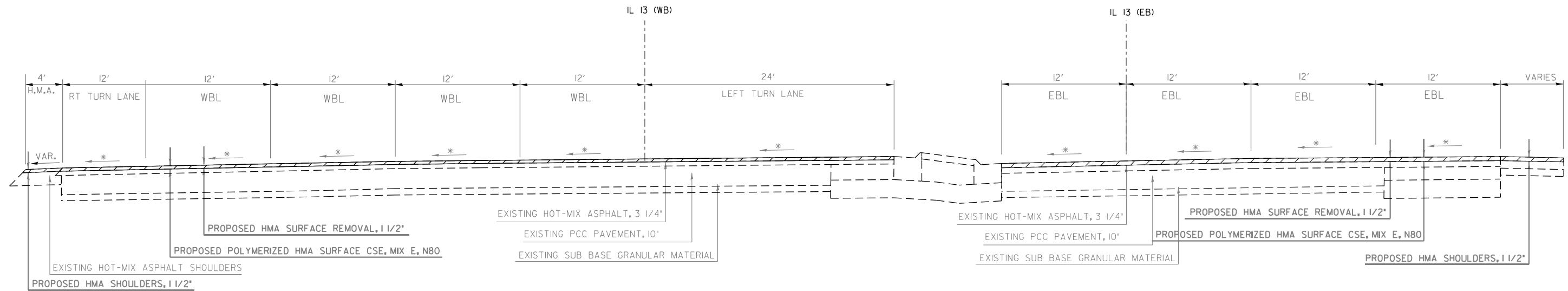
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<b>WILLIAMSON COUNTY PARKWAY TO HALFWAY ROAD</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 331	SECTION (1X-1)RS-5	COUNTY WILLIAMSON	TOTAL SHEETS 24	SHEET NO. 9
CONTRACT NO. 98A19				
ILLINOIS FED. AID PROJECT				



WESTBOUND  
TO BE USED:  
STA 799+71 to STA 805+43

EASTBOUND  
TO BE USED:  
STA 799+71 to STA 805+56



WESTBOUND  
TO BE USED:  
STA 793+90 to STA 799+71

EASTBOUND  
TO BE USED:  
STA 793+21 to STA 799+71

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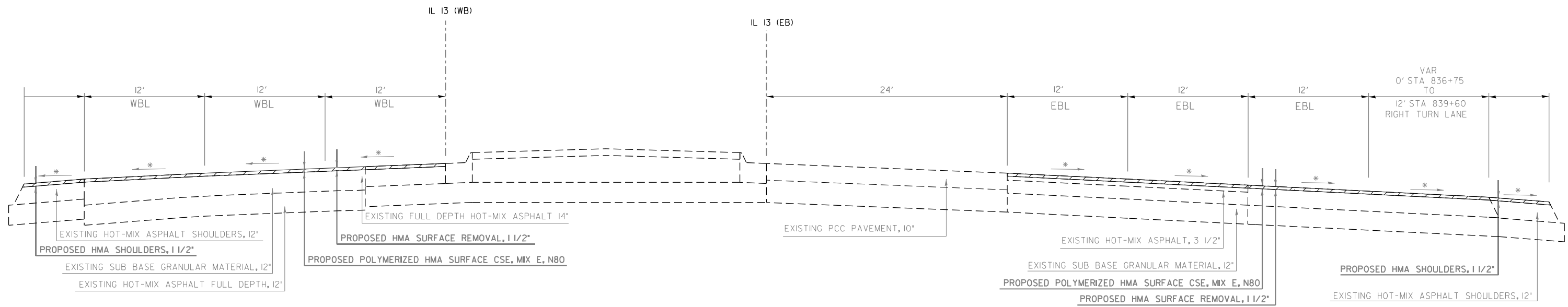
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICALS  
HALFWAY ROAD TO SINGLE POINT

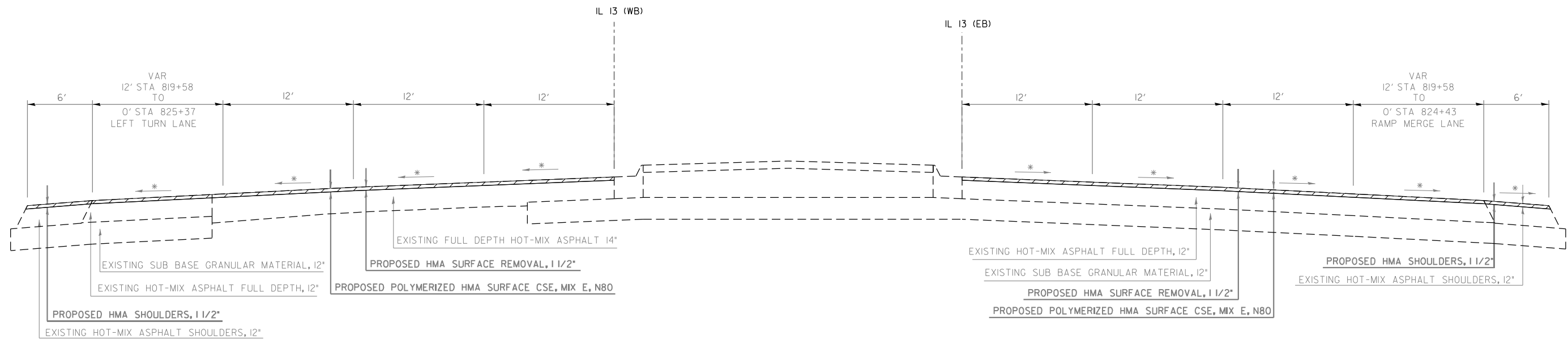
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331	(1X-1)RS-5	WILLIAMSON	24	10
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				



WESTBOUND  
TO BE USED:  
STA 836+75 to STA 841+09

EASTBOUND  
TO BE USED:  
STA 836+75 to STA 839+60



WESTBOUND  
TO BE USED:  
STA 819+58 to STA 820+00 AH  
STA 819+96.54 BK to STA 836+75

EASTBOUND  
TO BE USED:  
STA 819+58 to STA 820+00 AH  
STA 819+96.54 BK to STA 836+75

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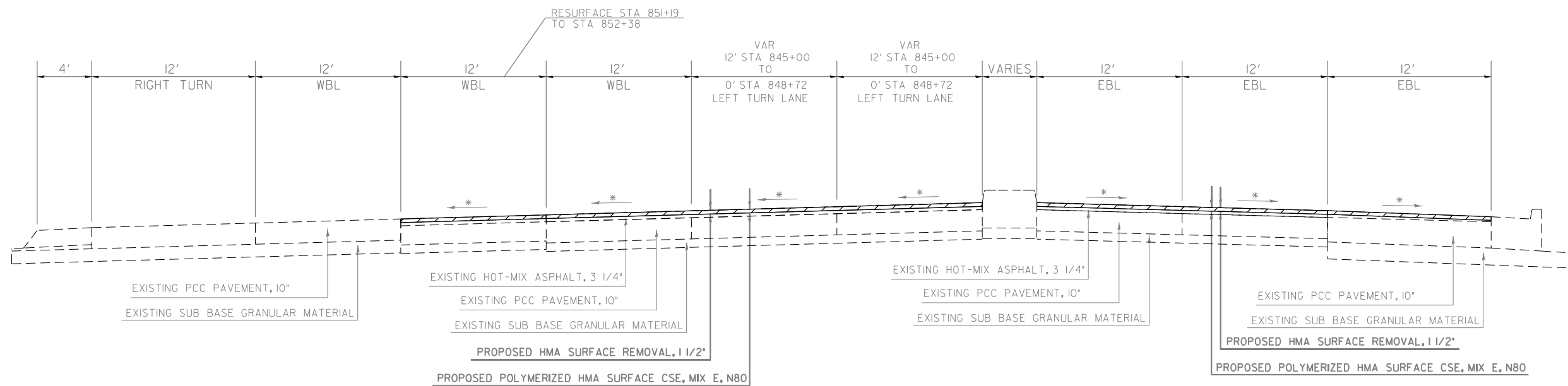
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICALS  
SINGLE POINT TO CARBON STREET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 331	SECTION (1X-1)RS-5	COUNTY WILLIAMSON	TOTAL SHEETS 24	SHEET NO. 11
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				



TO BE USED:  
STA 844+00 TO STA 852+38

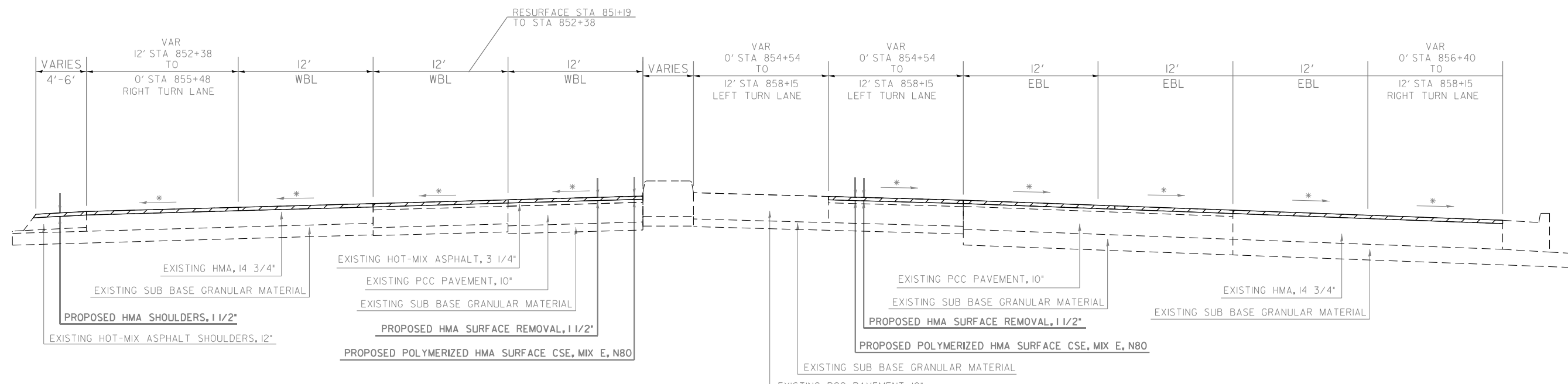
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICALS</b>			
<b>CARBON STREET TO RUSSELL STREET</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 331	SECTION (1X-1)RS-5	COUNTY WILLIAMSON	TOTAL SHEETS 24	SHEET NO. 12
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				



WESTBOUND  
TO BE USED:  
 STA 852+38 TO STA 858+48

EASTBOUND  
TO BE USED:  
 STA 852+38 TO STA 858+15

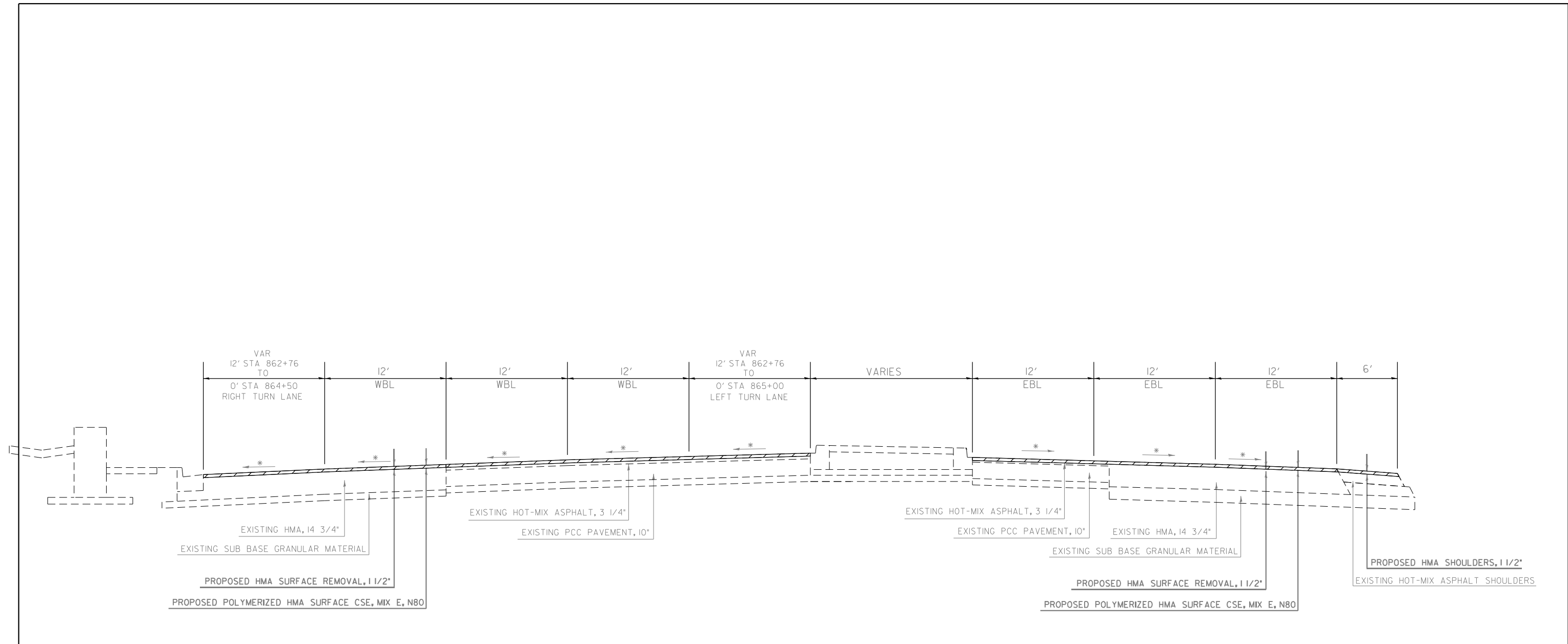
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>TYPICALS</b>			
<b>CARBON STREET TO RUSSELL STREET</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE. 331	SECTION (1X-1)RS-5	COUNTY WILLIAMSON	TOTAL SHEETS 24	SHEET NO. 13
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				



WESTBOUND  
TO BE USED:  
STA 862+76 TO STA 868+42

EASTBOUND  
TO BE USED:  
STA 861+87 TO STA 868+42

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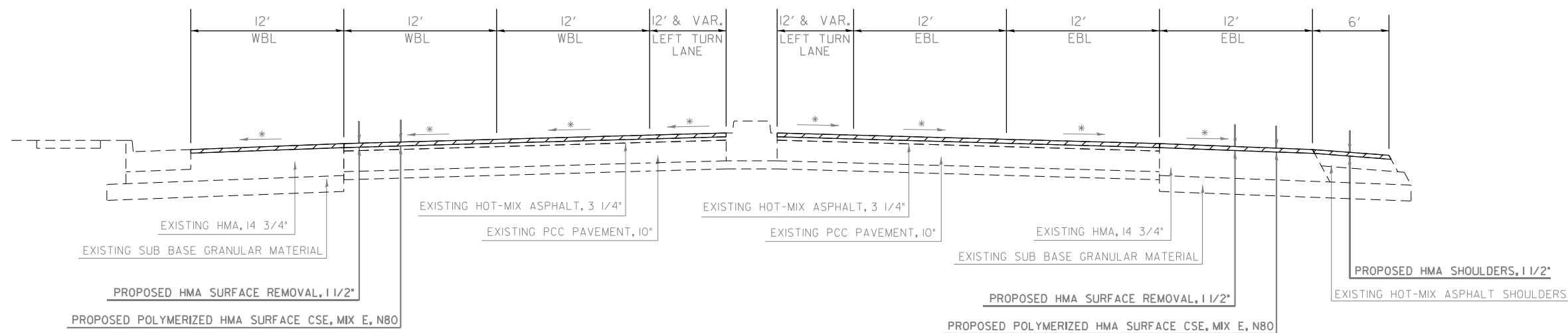
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICALS**  
**RUSSELL STREET TO IL 37**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)RS-5	WILLIAMSON	24	14
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				



WESTBOUND  
TO BE USED:  
STA 868+42 TO STA 883+21

EASTBOUND  
TO BE USED:  
STA 868+42 TO STA 883+21

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PLOT DATE = 1/24/2024	DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION

TYPICALS  
RUSSELL STREET TO IL 37

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 331	SECTION (1X-1)RS-5	COUNTY WILLIAMSON	TOTAL SHEETS 24	SHEET NO. 15
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				

# HMA PAVEMENT SCHEDULE

LOCATION STATION TO STATION	EXIST. PAVEMENT LENGTH (INFO ONLY)	EXIST. PAVEMENT WIDTH (INFO ONLY)	TEMPORARY RAMPS	POLYMERIZED HMA SURFACE CSE MIX E, N80	HMA SURFACE REMOVAL, (1 1/2")	LONGITUDINAL JOINT SEALANT	BITUMINOUS MATERIALS (TACK COAT)	COMMENTS
	FOOT	FOOT	SQ YD	TON	SQ YD	FOOT	POUND	
<b>IL 13 EASTBOUND (EAST ALIGNMENT)</b>								
STA 765+81 TO STA 771+88.79 BK	608	48	27	273	3242	1823	1459	THRU LANES
STA 772+22.38 AH TO STA 775+60	338	48	27	95	1125	1013	811	THRU LANES
STA 769+80 TO STA 771+88.79 BK	209	VARIES		19	223		101	LEFT TURN LANE TAPER
STA 772+22.38 AH TO STA 772+53	31	VARIES		7	77		35	LEFT TURN LANE TAPER
STA 772+53 TO STA 775+60	307	24	13	69	819		369	LEFT TURN LANE
STA 769+09 TO STA 771+88.79 BK	280	VARIES		16	189		86	RIGHT TURN LANE TAPER
STA 772+22.38 AH TO STA 775+60	338	12	7	38	450		203	RIGHT TURN LANE
<b>WALTON WAY/WILLIAMSON COUNTY PARKWAY</b>								
STA 777+95 TO STA 790+75	1280	48	53	574	6827	3840	3072	THRU LANES
STA 777+95 TO STA 778+91	96	VARIES		4	41		19	WALTON WAY
STA 785+15 TO STA 787+15	200	VARIES		16	189		86	RIGHT TURN LANE TAPER
STA 787+15 TO STA 790+75	360	12	7	41	480		216	RIGHT TURN LANE
STA 786+49 TO STA 788+49	200	VARIES		23	267		120	LEFT TURN LANE TAPER
STA 788+49 TO STA 790+75	226	24	13	51	603		272	LEFT TURN LANE
<b>HALFWAY ROAD</b>								
STA 792+91 TO STA 793+21	30	12	7	4	40		18	THRU LANE
STA 793+21 TO STA 805+56	1235	48	53	554	6587	3705	2964	THRU LANES
<b>SINGLE POINT</b>								
STA 813+78.42 AH TO STA 813+61.86 BK								<b>STATION EQ.</b>
STA 819+58 TO STA 820+00 AH	42	36	20	15	168	84	76	THRU LANES
STA 819+96.54 BK TO STA 839+60	1963	36	20	660	7854	3927	3535	THRU LANES
STA 819+58 TO STA 820+00 AH	42	12	7	5	56		26	RAMP MERGE LANE
STA 819+96.54 BK TO STA 822+43	246	12		28	329		148	RAMP MERGE LANE
STA 822+43 TO STA 824+43	200	VARIES		12	133		60	RAMP MERGE LANE TAPER
STA 836+75 TO STA 838+75	200	VARIES		12	136		61	RIGHT TURN LANE TAPER
STA 838+75 TO STA 839+60	85	12	7	10	113	0	51	RIGHT TURN LANE
<b>CARBON STREET</b>								
STA 844+00 TO STA 858+15	1415	36	40	476	5660	2830	2547	THRU LANES
STA 844+00 TO STA 844+50	50	VARIES		1	11		5	CARBON STREET
STA 854+54 TO STA 856+29	175	VARIES		19	216		97	LEFT TURN LANE TAPER
STA 856+29 TO STA 858+15	186	12	7	21	248		112	LEFT TURN LANE
STA 856+40 TO STA 858+15	175	VARIES		10	117		53	RIGHT TURN LANE TAPER
<b>RUSSELL STREET</b>								
STA 861+87 TO STA 883+21	2134	36	40	718	8536	4268	3842	THRU LANES
STA 868+42 TO STA 870+09	167	VARIES		10	111		50	LEFT TURN LANE TAPER
STA 870+09 TO STA 871+75	166	12	7	19	221		100	LEFT TURN LANE
STA 873+40 TO STA 875+20	180	VARIES		10	115		52	LEFT TURN LANE TAPER
STA 875+20 TO STA 876+86	166	12	7	19	221		100	LEFT TURN LANE
STA 881+73 TO STA 882+21	48	VARIES		1	11		5	LEFT TURN LANE TAPER
STA 882+21 TO STA 883+21	100	12	7	12	133		60	LEFT TURN LANE
STA TO STA								
<b>SUBTOTALS</b>			<b>374</b>	<b>3,842</b>	<b>45,548</b>	<b>21,490</b>	<b>20,811</b>	

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USER NAME = Christopher.Russell	DESIGNED -	REVISED -
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PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/24/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HMA PAVEMENT SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)RS-5	WILLIAMSON	23	16
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				



# HMA PAVEMENT SCHEDULE

LOCATION STATION TO STATION	EXIST. PAVEMENT LENGTH (INFO ONLY)	EXIST. PAVEMENT WIDTH (INFO ONLY)	TEMPORARY RAMPS	POLYMERIZED HMA SURFACE CSE MIX E, N80	HMA SURFACE REMOVAL, (1 1/2")	LONGITUDINAL JOINT SEALANT	BITUMINOUS MATERIALS (TACK COAT)	COMMENTS
	FOOT	FOOT	SQ YD	TON	SQ YD	FOOT	POUND	
<b>IL 13 WESTBOUND (WEST ALIGNMENT)</b>								
STA 766+00 TO STA 772+13.96 BK	614	36	20	207	2456	1228	1106	THRU LANES
STA 772+22.28 AH TO STA 776+15	393	36		110	1309	785	707	THRU LANES
STA 766+00 TO STA 768+00	200	VARIES	14	14	167		75	LEFT TURN TAPER
STA 766+00 TO STA 768+00	200	VARIES	7	11	123		56	RIGHT TURN TAPER
STA 775+11 TO STA 776+15	104	VARIES	7	11	124		56	WILLIAMSON CO. PARKWAY
<b>WALTON WAY/WILLIAMSON COUNTY PARKWAY</b>								
STA 778+36 TO STA 790+60	1224	48	27	549	6528	3672	2938	THRU LANES
STA 778+36 TO STA 781+20	284	24	13	64	757		341	LEFT TURN LANE
STA 781+20 TO STA 783+62	242	VARIES		58	679		306	LEFT TURN LANE TAPER
STA 790+60 TO STA 791+30	70	36	20	24	280	140	126	THRU LANES
<b>HALFWAY ROAD</b>								
STA 793+90 TO STA 805+43	1153	48	53	517	6149	3459	2768	THRU LANES
STA 793+90 TO STA 797+72	382	24	13	86	1019		459	LEFT TURN LANE
STA 793+90 TO STA 796+96	306	12	7	35	408		184	RIGHT TURN LANE
STA 796+96 TO STA 798+98	202	VARIES		11	127		58	RIGHT TURN LANE TAPER
STA 797+72 TO STA 799+71	199	VARIES		24	275		124	LEFT TURN LANE TAPER
<b>SINGLE POINT</b>								
STA 819+58 TO STA 820+00 AH	42	36	20	15	168	84	76	THRU LANES
STA 819+96.54 BK TO STA 841+09	2112	36	20	710	8450	4225	3803	THRU LANES
STA 819+58 TO STA 820+00 AH	42	VARIES	8	6	60		28	LEFT TURN LANE TAPER
STA 819+96.54 BK TO STA 821+12	115	VARIES		7	74		34	LEFT TURN LANE TAPER
STA 819+58 TO STA 820+00 AH	42	12	7	5	56		26	RIGHT TURN LANE
STA 819+96.54 BK TO STA 822+97	300	12		34	401		181	RIGHT TURN LANE
STA 822+97 TO STA 825+37	240	VARIES		14	160		72	RIGHT TURN LANE TAPER
<b>CARBON STREET</b>								
STA 845+00 TO STA 851+19	619	12	7	70	825		372	THRU LANE
STA 845+00 TO STA 846+22	122	24	13	28	325		147	LEFT TURN LANE
STA 846+22 TO STA 848+72	250	VARIES		65	773		348	LEFT TURN LANE TAPER
STA 851+19 TO STA 852+38	119	24	7	27	317	119	143	THRU LANES
STA 852+38 TO STA 858+73	635	36	20	214	2540	1270	1143	THRU LANES
STA 852+38 TO STA 853+72	134	12	7	16	179		81	RIGHT TURN LANE
STA 853+72 TO STA 855+48	176	VARIES		14	158		72	RIGHT TURN LANE TAPER
<b>RUSSELL STREET</b>								
STA 862+76 TO STA 883+22	2046	36	40	688	8184	4092	3683	THRU LANES
STA 862+76 TO STA 863+12	36	12	7	5	48		22	LEFT TURN LANE
STA 863+12 TO STA 865+00	188	VARIES		10	113		51	LEFT TURN LANE TAPER
STA 862+76 TO STA 864+50	174	VARIES	7	10	117		53	RIGHT TURN LANE TAPER
STA 871+84 TO STA 873+39	155	12	7	18	207		93	LEFT TURN LANE
STA 873+39 TO STA 875+19	180	VARIES		11	120		55	LEFT TURN LANE TAPER
STA 876+86 TO STA 881+73	487	12	7	55	649		293	LEFT TURN LANE
STA 881+73 TO STA 882+20	47	VARIES		4	36		17	LEFT TURN LANE TAPER
STA TO STA	0							
<b>SUBTOTALS</b>			<b>357</b>	<b>3,747</b>	<b>44,362</b>	<b>19,074</b>	<b>20,097</b>	
<b>TOTAL</b>			<b>730</b>	<b>7,589</b>	<b>89,910</b>	<b>40,564</b>	<b>40,908</b>	

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PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HMA PAVEMENT SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)RS-5	WILLIAMSON	23	17
CONTRACT NO. 78A19				
		ILLINOIS	FED. AID PROJECT	

# SHOULDER SCHEDULE

LOCATION STATION TO STATION	EXIST. SHOULDER LENGTH (INFO ONLY)	EXIST. SHOULDER WIDTH (INFO ONLY)	HMA SHOULDERS 1-1/2"	HMA SURFACE REMOVAL, 1-1/2"	AGGREGATE WEDGE SHOULDER TYPE B	BITUMINOUS MATERIALS (TACK COAT)	COMMENTS
	FOOT	FOOT	TON	SQ YD	TON	POUND	
<b>IL 13 EASTBOUND (EAST ALIGNMENT)</b>							
STA 765+81 TO STA 770+04 RT	423	10	40	470	73	106	
STA 770+04 TO STA 775+60 RT	556	4	21	248	95	56	RIGHT TURN LANE
STA 765+81 TO STA 770+04 LT	423	6	24	282	73	64	
STA 770+04 TO STA 775+60 LT	556	4	21	248	95	56	LEFT TURN LANE
STA 778+27 TO STA 783+45 RT	518	10	49	576	89	130	
STA 783+45 TO STA 790+00 RT	655	4	25	292		66	TO FACE OF GUARDRAIL
STA 777+95 TO STA 786+49 LT	854	4	32	380	146	86	
STA 786+49 TO STA 790+75 LT	426	4	16	190	73	43	LEFT TURN LANE
STA 794+28 TO STA 805+56 RT	1128	4	43	502	193	113	
STA 819+58 TO STA 820+00 AH RT	42	6	3	28	8	7	RAMP MERGE
STA 819+96.54 BK TO STA 823+43	346.46	6	20	231	60	52	RAMP MERGE
STA 823+43 TO STA 830+78	735	10	69	817	126	184	
STA 830+78 TO STA 837+00	622	6	35	415	107	94	
STA 837+00 TO STA 838+75	175	4	7	78	30	18	RIGHT TURN LANE
STA 861+87 TO STA 871+26	939	6	53	626	161	141	
STA 872+34 TO STA 876+35	401	6	23	268	69	61	
<b>IL 13 WESTBOUND (WEST ALIGNMENT)</b>							
STA 766+00 TO STA 767+23 LT	123	4	5	55	22	13	
STA 767+23 TO STA 772+13.96 BK LT	490.96	10	46	546	84	123	
STA 772+22.28 AH TO STA 775+47 LT	324.72	10	31	361	56	82	
STA 766+00 TO STA 767+66 RT	166	4	7	74	29	17	LEFT TURN LANE
STA 767+66 TO STA 772+13.96 BK RT	447.96	4	17	200	77	45	
STA 772+22.28 AH TO STA 775+80 RT	357.72	6	21	239	62	54	
STA 778+36 TO STA 790+60 LT	1224	10	115	1360	210	306	
STA 781+22 TO STA 783+62 RT	240	4	9	107	41	24	LEFT TURN LANE
STA 783+62 TO STA 788+48 RT	486	4	19	216	84	49	
STA 793+90 TO STA 798+98 LT	508	4	19	226	87	51	LEFT TURN LANE
STA 798+98 TO STA 805+43 LT	645	6	37	430	111	97	
STA 819+58 TO STA 820+00 AH LT	42	6	3	28	8	7	
STA 819+96.54 BK TO STA 841+09 LT	2112.46	6	119	1409	361	317	
STA 843+61 TO STA 848+20 LT	459	4	18	204	79	46	RIGHT TURN LANE
STA 848+20 TO STA 851+39 LT	319	6	18	213	55	48	
STA 852+39 TO STA 855+19 LT	280	4	11	125	48	28	RIGHT TURN LANE
STA 855+19 TO STA 858+73 LT	354	6	20	236	61	54	
<b>TOTAL</b>			<b>996</b>	<b>11,680</b>	<b>2,873</b>	<b>2,638</b>	

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PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHOULDER SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)RS-5	WILLIAMSON	23	18
CONTRACT NO. 78A19				
		ILLINOIS	FED. AID PROJECT	

# HMA PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	POLYUREA TYPE 2				PAVEMENT MARKING GROOVING - LETTERS & SYMBOLS	PAVEMENT MARKING GROOVING - 5"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	COMMENTS	
	ROADWAY LENGTH	LINE - 4" WHITE		LINE - 4" YELLOW						LETTERS AND SYMBOLS
		SOLID	SKIP - DASH	SOLID						
FOOT	FOOT	FOOT	FOOT	SQ FOOT	SQ FOOT	FEET	EACH	EACH		
<b>IL 13 EASTBOUND (EAST ALIGNMENT)</b>										
STA. 765+81 TO STA. 771+88.79 BK	608	608	456	608		1671	23	23	SKIP DASH X 3 - EDGE LINE X 2	
STA. 772+22.38 AH TO STA. 775+60	338	338	253	338		928	13	13	SKIP DASH X 3 - EDGE LINE X 2	
STA. 772+53 TO STA. 775+60	307	614				614	15	15	2 LEFT TURN LANES	
STA. 772+67					23.6	23.6			"ONLY" X 2	
STA. 772+97					17.6	17.6			LEFT TURN ARROW X 2	
STA. 774+43					23.6	23.6			"ONLY" X 2	
STA. 774+73					17.6	17.6			LEFT TURN ARROW X 2	
STA. 772+45 TO STA. 775+60	315	630				630	8	8	RIGHT TURN LANE	
STA. 772+50					11.8	11.8			"ONLY"	
STA. 772+80					8.8	8.8			RIGHT TURN ARROW	
STA. 774+25					11.8	11.8			"ONLY"	
STA. 774+55					8.8	8.8			RIGHT TURN ARROW	
<b>WALTON WAY/WILLIAMSON COUNTY PARKWAY</b>										
STA. 777+95 TO STA. 790+75	1280	1280	960	1280		3520	48	48	SKIP DASH X 3 - EDGE LINE X 2	
STA. 787+15 TO STA. 790+75	360	360				360	9	9	RIGHT TURN LANE	
STA. 787+30					11.8	11.8			"ONLY"	
STA. 787+60					8.8	8.8			RIGHT TURN ARROW	
STA. 788+50 TO STA. 790+75	225	450				450	11	11	2 LEFT TURN LANES	
STA. 788+65					23.6	23.6			"ONLY" X 2	
STA. 788+95					17.6	17.6			LEFT TURN ARROW X 2	
<b>HALFWAY ROAD</b>										
STA. 793+21 TO STA. 805+56	1235	1235	926	1235		3396	46	46	SKIP DASH X 3 - EDGE LINE X 2	
STA. 804+96					11.8	11.8			"ONLY"	
STA. 805+26					8.8	8.8			RIGHT TURN ARROW	
<b>SINGLE POINT</b>										
STA. 819+58 TO STA. 820+00 AH	42	42	21	42		105	2	2	SKIP DASH X 2 - EDGE LINE X 2	
STA. 819+96.54 BK TO STA. 839+60	1963	1963	982	1963		4909	49	49	SKIP DASH X 2 - EDGE LINE X 2	
STA. 819+58 TO STA. 820+00 AH	42		14			14	2	2	MERGE LANE - 2' DASH, 6' SKIP	
STA. 819+96.54 BK TO STA. 822+43	246		82			82	6	6	MERGE LANE - 2' DASH, 6' SKIP	
STA. 838+75 TO STA. 839+60	85	85				85	2	2	RIGHT TURN LANE	
STA. 838+90					11.8	11.8			"ONLY"	
STA. 839+20					8.8	8.8			RIGHT TURN ARROW	
<b>CARBON STREET</b>										
STA. 844+00 TO STA. 858+15	1415		708	1415		2123	35	35	SKIP DASH X 2 - EDGE LINE	
STA. 856+29 TO STA. 858+15	186	372				372	5	5	LEFT TURN LANES	
STA. 856+80					23.6	23.6			"ONLY" X 2	
STA. 857+10					17.6	17.6			LEFT TURN ARROW X 2	
<b>RUSSELL STREET</b>										
STA. 861+87 TO STA. 883+21	2134		1067			1067	53	53	SKIP DASH X 2	
STA. 861+87 TO STA. 871+34	947	947		947		1894			EDGE LINE X 2	
STA. 870+09 TO STA. 871+34	125	125				125	3	3	LEFT TURN LANE	
STA. 870+24					11.8	11.8			"ONLY"	
STA. 870+54					8.8	8.8			LEFT TURN ARROW	
STA. 871+34 TO STA. 872+30	96		32			32			2' DASH, 6' SKIP	
<b>BENTLEY STREET</b>										
STA. 872+30 TO STA. 876+35	405	405		405		810			EDGE LINE X 2	
STA. 875+20 TO STA. 876+35	115	115				115	3	3	LEFT TURN LANE	
STA. 875+35					11.8	11.8			"ONLY"	
STA. 875+65					8.8	8.8			LEFT TURN ARROW	
STA. 876+35 TO STA. 877+31	96		32			32			2' DASH, 6' SKIP	
<b>VICKSBERG STREET</b>										
STA. 877+31 TO STA. 880+05	274			274		274			LEFT EDGE LINE	
STA. 880+05 TO STA. 880+69	64		21			21			2' DASH, 6' SKIP	
<b>HIGHLAND STREET</b>										
STA. 880+69 TO STA. 883+21	252			252		252			LEFT EDGE LINE	
STA. 882+75 TO STA. 883+21	46	46				46	2	2	LEFT TURN LANE	
STA. 881+75					11.8	11.8			"ONLY"	
STA. 882+05					8.8	8.8			LEFT TURN ARROW	
STA. 882+90					11.8	11.8			"ONLY"	
<b>SUB-TOTALS</b>										
		9,615	5,554	8,759	341.4	341.4	23,928	336	336	
<b>SHEET TOTAL</b>										
			23,928		341.4	341.4	23,928	336	336	

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USER NAME = Christopher.Russell	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HMA PAVEMENT MARKING  
SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)RS-5	WILLIAMSON	23	19
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				

# HMA PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	POLYUREA TYPE 2					PAVEMENT MARKING GROOVING - LETTERS & SYMBOLS	PAVEMENT MARKING GROOVING - 5"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	COMMENTS
	ROADWAY LENGTH	LINE - 4" WHITE		LINE - 4" YELLOW	LETTERS AND SYMBOLS					
		SOLID	SKIP - DASH	SOLID						
FOOT	FOOT	FOOT	FOOT	SQ FOOT	SYMBOLS	FOOT	EACH	EACH		
<b>IL 13 WESTBOUND (WEST ALIGNMENT)</b>										
STA. 766+00 TO STA. 772+13.96 BK	614		307				307	15	15	SKIP DASH X 2
STA. 772+22.28 AH TO STA. 776+15	393		196				196	10	10	SKIP DASH X 2
STA. 766+00 TO STA. 772+13.96 BK	614	614		614			1228			EDGE LINE X 2
STA. 772+22.28 AH TO STA. 775+48	326	326		326			651			EDGE LINE X 2
<b>WALTON WAY/WILLIAMSON COUNTY PARKWAY</b>										
STA. 778+36 TO STA. 791+30	1294		647	1294			1941	32	32	SKIP DASH X 2 - RIGHT EDGE LINE
STA. 778+36 TO STA. 790+60	1224	1224					1224			LEFT EDGE LINE
STA. 778+36 TO STA. 780+70	234	234					234	6	6	RIGHT TURN LANE
STA. 778+46					8.8	8.8				RIGHT TURN ARROW
STA. 778+76					11.8	11.8				"ONLY"
STA. 780+25					8.8	8.8				RIGHT TURN ARROW
STA. 780+55					11.8	11.8				"ONLY"
STA. 778+36 TO STA. 781+20	284	568					568	14	14	2 LEFT TURN LANES
STA. 778+46					17.6	17.6				LEFT TURN ARROW X 2
STA. 778+76					23.6	23.6				"ONLY" X 2
STA. 780+75					17.6	17.6				LEFT TURN ARROW X 2
STA. 781+05					23.6	23.6				"ONLY" X 2
STA. 781+20 TO STA. 790+60	940		470				470	12	12	LEFT LANE
STA. 787+00					8.8	8.8				MERGE ARROW
STA. 789+00					8.8	8.8				MERGE ARROW
<b>HALFWAY ROAD</b>										
STA. 793+90 TO STA. 805+43	1153	1153	865	1153			3171	43	43	SKIP DASH X 3 - EDGE LINE X 2
STA. 793+90 TO STA. 796+96	306	306					306	8	8	RIGHT TURN LANE
STA. 794+45					8.8	8.8				RIGHT TURN ARROW
STA. 794+75					11.8	11.8				"ONLY"
STA. 796+50					8.8	8.8				RIGHT TURN ARROW
STA. 796+80					11.8	11.8				"ONLY"
STA. 793+90 TO STA. 797+72	382	764					764	19	19	LEFT TURN LANES
STA. 794+45					17.6	17.6				LEFT TURN ARROW X2
STA. 794+75					23.6	23.6				"ONLY" X2
STA. 797+55					17.6	17.6				LEFT TURN ARROW X2
STA. 797+25					23.6	23.6				"ONLY" X2
<b>SINGLE POINT</b>										
STA. 819+58 TO STA. 820+00 AH	42	42	21	42			105	2	2	SKIP DASH X 2 - EDGE LINE X 2
STA. 819+96.54 BK TO STA. 841+09	2112	2112	1056	2112			5281	53	53	SKIP DASH X 2 - EDGE LINE X 2
STA. 819+58 TO STA. 820+00 AH	42	42					42	2	2	RIGHT TURN LANE
STA. 819+96.54 BK TO STA. 822+97	300	300					300	8	8	RIGHT TURN LANE
STA. 821+00					8.8	8.8				RIGHT TURN ARROW
STA. 839+20					11.8	11.8				"ONLY"
STA. 821+00					8.8	8.8				RIGHT TURN ARROW
STA. 839+20					11.8	11.8				"ONLY"
<b>CARBON STREET</b>										
STA. 845+00 TO STA. 846+35	135	270					270	3	3	LEFT TURN LANE X 2
STA. 845+90					17.6	17.6				LEFT TURN ARROW X 2
STA. 846+20					23.6	23.6				"ONLY" X 2
STA. 845+00 TO STA. 851+20	620		155				155	8	8	SKIP DASH
STA. 851+20 TO STA. 852+38	118		59				59	3	3	SKIP DASH X 2
STA. 852+38 TO STA. 858+73	635	635	318	635			1588	16	16	SKIP DASH X 2 - EDGE LINE X 2
STA. 852+38 TO STA. 853+60	122	122					122	3	3	RIGHT TURN LANE
STA. 853+20					8.8	8.8				RIGHT TURN ARROW
STA. 853+50					11.8	11.8				"ONLY"
<b>RUSSELL STREET</b>										
STA. 862+76 TO STA. 883+21	2045		1023				1023	51	51	SKIP DASH X 2
STA. 862+76 TO STA. 871+34	858	858		858			1716			EDGE LINE X 2
STA. 862+75 TO STA. 863+12	37	37					37	1	1	LEFT TURN LANE
STA. 863+07					11.8	11.8				"ONLY"
<b>BENTLEY STREET</b>										
STA. 872+30 TO STA. 876+35	405	405		405			810			EDGE LINE X 2
STA. 872+30 TO STA. 873+30	100	100					100	2	2	LEFT TURN LANE
STA. 873+50					11.8	11.8				"ONLY"
STA. 873+20					8.8	8.8				LEFT TURN ARROW
STA. 871+34 TO STA. 872+30	96		32				32			2' DASH, 6' SKIP
<b>VICKSBERG STREET</b>										
STA. 877+31 TO STA. 880+05	274			274			274			LEFT TURN LANE
STA. 877+31 TO STA. 880+05	274	274					274			EDGE LINE
STA. 876+35 TO STA. 877+31	96		32				32			2' DASH, 6' SKIP
<b>HIGHLAND STREET</b>										
STA. 880+69 TO STA. 883+21	252			252			252			LEFT EDGE LINE
STA. 880+69 TO STA. 881+69	100	100					100	2	2	LEFT TURN LANE
STA. 881+00					8.8	8.8				LEFT TURN ARROW
STA. 881+30					11.8	11.8				"ONLY"
STA. 880+05 TO STA. 880+69	64		21				21			2' DASH, 6' SKIP
<b>SUB-TOTALS</b>										
<b>SHEET TOTAL</b>										
		<b>10,487</b>	<b>5,202</b>	<b>7,965</b>	<b>420.8</b>	<b>420.8</b>	<b>23,653</b>	<b>313</b>	<b>313</b>	
					<b>420.8</b>	<b>420.8</b>	<b>23,653</b>	<b>313</b>	<b>313</b>	

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USER NAME = Christopher.Russell  
DESIGNED -  
DRAWN -  
PLOT SCALE = 100,000' / in.  
CHECKED -  
DATE = 1/24/2024

REVISOR -  
REVISED -  
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REVISOR -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**HMA PAVEMENT MARKING  
SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)RS-5	WILLIAMSON	23	20
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				

# PCC PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	ROADWAY LENGTH	PREFORMED PLASTIC-TYPE D		POLYUREA TYPE 2		PAVEMENT MARKING GROOVING - 9"	PAVEMENT MARKING GROOVING - 25"	PAVEMENT MARKING GROOVING - LETTERS & SYMBOLS	COMMENTS
		STANDARD LINE - 8" CONTRAST WHITE	STANDARD LINE-8" CONTRAST YELLOW	LINE-24" WHITE	LETTERS AND SYMBOLS				
		SOLID	SKIP - DASH	SOLID	SOLID				
	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FOOT	FOOT	FOOT	SQ FOOT
<b>TON WAY/WILLIAMSON COUNTY PARK</b>									
<b>EASTBOUND</b>									
STA. 775+60 TO STA. 776+05	45	45		45			90		TURN LANE - EDGE LINE
STA. 775+60 TO STA. 776+20	60	60	45				105		EDGE LINE - SKIP DASH
STA. 775+85					18			18	STOPBAR
STA. 776+05					24			24	STOPBAR
STA. 776+05					24			24	STOPBAR
	600		200				200		LEFT TURN GUIDED DASH X 4 (2'DASH - 6'SKIP)
<b>WESTBOUND</b>									
STA. 777+48 TO STA. 778+36	88	176	44				220		EDGE LINE X 2 - SKIP DASH X 2
STA. 777+72 TO STA. 778+36	64	64		64			128		EDGE LINE X 2
STA. 777+48					36			36	STOPBAR
STA. 777+72					14			14	STOPBAR
<b>HALFWAY ROAD</b>									
<b>EASTBOUND</b>									
STA. 790+75 TO STA. 791+48	73	73		73			146		TURN LANE - EDGE LINE
STA. 790+75 TO STA. 791+85	110	220	83				303		EDGE LINE X 2 - SKIP DASH X 3
STA. 790+85						23.6		23.6	"ONLY" X 2
STA. 791+15						17.6		17.6	LEFT TURN ARROW X 2
STA. 790+85						11.8		11.8	"ONLY"
STA. 791+15						8.8		8.8	RIGHT TURN ARROW
STA. 791+48					24			24	STOPBAR
STA. 791+85					48			48	STOPBAR
	600		200				200		LEFT TURN GUIDED DASH X 4 (2'DASH - 6'SKIP)
<b>WESTBOUND</b>									
STA. 792+85 TO STA. 793+90	105	210	79				289		EDGE LINE X 2 - SKIP DASH X 3
STA. 793+30 TO STA. 793+90	60	60		60			120		TURN LANE - EDGE LINE
STA. 792+85					48			48	STOPBAR
STA. 793+30					24			24	STOPBAR
<b>SINGLE POINT</b>									
<b>EASTBOUND</b>									
STA. 805+56 TO STA. 812+45	689		345	689			1034		SKIP DASH X 2 - LEFT EDGE LINE
STA. 805+56 TO STA. 808+96	340	340					340		RIGHT TURN LANE
STA. 805+56 TO STA. 808+40	284	284					284		RIGHT EDGE LANE
STA. 808+40 TO STA. 812+45	405	810					810		LEFT TURN LANE X 2
STA. 809+40 TO STA. 812+45	305	305					305		RIGHT EDGE LANE
STA. 808+45						17.6		17.6	LEFT TURN ARROW X 2
STA. 808+75						11.8		11.8	"ONLY"
STA. 810+15						17.6		17.6	LEFT TURN ARROW X 2
STA. 810+45						11.8		11.8	"ONLY"
STA. 812+45					60			60	STOPBAR
STA. 814+66 TO STA. 819+58	492		246	492			738		SKIP DASH X 2 - LEFT EDGE LINE
STA. 814+66 TO STA. 818+15	349	349					349		RIGHT EDGE LANE
STA. 818+15 TO STA. 819+58	143		48				48		MERGE LANE (2'DASH - 6'SKIP)
<b>WESTBOUND</b>									
STA. 805+43 TO STA. 812+30	687	687	344	687			1718		SKIP DASH X 2 - EDGE LINE X 2
STA. 814+72 TO STA. 819+58	486	486	243	486			1215		SKIP DASH X 2 - EDGE LINE X 2
STA. 814+72 TO STA. 818+75	403	403					403		LEFT TURN LANE X 2
STA. 814+75					60			60	STOPBAR
STA. 816+80						17.6		17.6	LEFT TURN ARROW X 2
STA. 817+00						11.8		11.8	"ONLY"
STA. 816+35						17.6		17.6	LEFT TURN ARROW X 2
STA. 816+55						11.8		11.8	"ONLY"
	1000		333				333		LEFT TURN GUIDED DASH X 4 (2'DASH - 6'SKIP)
<b>SUB - TOTALS</b>		<b>4,572</b>	<b>2,208</b>	<b>2,596</b>	<b>380</b>	<b>179.4</b>	<b>9,376</b>	<b>380</b>	<b>179.4</b>
<b>SHEET TOTAL</b>			<b>9,376</b>		<b>380</b>	<b>179.4</b>	<b>9,376</b>	<b>380</b>	<b>179.4</b>

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USER NAME = Christopher.Russell	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/24/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PCC PAVEMENT MARKING  
SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)RS-5	WILLIAMSON	23	21
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				

# PCC PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	ROADWAY LENGTH	PREFORMED PLASTIC-TYPE D			POLYUREA TYPE 2		PAVEMENT MARKING GROOVING - 9"	PAVEMENT MARKING GROOVING - 25"	PAVEMENT MARKING GROOVING - LETTERS & SYMBOLS	COMMENTS
		STANDARD LINE - 8" CONTRAST WHITE		STANDARD LINE-8" CONTRAST YELLOW	LINE-24" WHITE	LETTERS AND SYMBOLS				
		SOLID	SKIP - DASH	SOLID	SOLID					
FOOT	FOOT	FOOT	FOOT	FOOT	SQ FOOT	FOOT	FOOT	SQ FOOT		
<b>CARBON STREET</b>										
<b>EASTBOUND</b>										
STA. 839+30 TO STA. 841+85	255	510		255			765			TURN LANE X 2 - EDGE LINE
STA. 839+60 TO STA. 842+20	260	260	130				390			TURN LANE - SKIP DASH X 2
STA. 839+45						23.6			23.6	"ONLY" X 2
STA. 839+75						17.6			17.6	LEFT TURN ARROW X 2
STA. 840+65						23.6			23.6	"ONLY" X 2
STA. 840+95						17.6			17.6	LEFT TURN ARROW X 2
STA. 840+65						11.8			11.8	"ONLY"
STA. 840+95						8.8			8.8	RIGHT TURN ARROW
STA. 841+85					24			24		STOPBAR
STA. 842+20					36			36		STOPBAR
	450		150				150			LEFT TURN GUIDED DASH X 3 (2'DASH - 6'SKIP)
<b>WESTBOUND</b>										
STA. 842+95 TO STA. 851+20	825	825					825			EDGE LINE
STA. 842+95 TO STA. 846+65	370	370					370			TURN LANE
STA. 842+95 TO STA. 852+38	943		472				472			SKIP DASH X 2
STA. 842+95					36			36		STOPBAR
STA. 843+15					24			24		STOPBAR
STA. 844+70						8.8		8.8		RIGHT TURN ARROW
STA. 845+00						11.8		11.8		"ONLY"
STA. 844+10						17.6		17.6		LEFT TURN ARROW X 2
STA. 844+40						23.6		23.6		"ONLY" X 2
STA. 846+15						8.8		8.8		RIGHT TURN ARROW
STA. 846+45						11.8		11.8		"ONLY"
STA. 843+15 TO STA. 845+00	185	370		185			555			TURN LANE X 2 - EDGE LINE
<b>RUSSELL STREET</b>										
<b>EASTBOUND</b>										
STA. 858+15 TO STA. 859+40	125	125		125			250			TURN LANE - EDGE LINE
STA. 859+40					24			24		STOPBAR
STA. 858+15 TO STA. 859+70	155	310	78				388			TURN LANE - EDGE LINE - SKIP DASH X 2
STA. 858+20						23.6		23.6		"ONLY" X 2
STA. 858+50						17.6		17.6		LEFT TURN ARROW X 2
STA. 858+20						23.6		23.6		"ONLY"
STA. 858+50						17.6		17.6		RIGHT TURN ARROW
STA. 861+00 TO STA. 861+87	87		44				44			SKIP DASH X 2
<b>WESTBOUND</b>										
STA. 858+73 TO STA. 859+45	72		36				36			SKIP DASH X 2
STA. 860+85 TO STA. 862+76	191		96	191			287			SKIP DASH X 2 - EDGE LINE
STA. 860+85					48			48		STOPBAR
STA. 862+48						8.8		8.8		LEFT TURN ARROW
STA. 860+85 TO STA. 862+48	163	163					163			RIGHT TURN LANE
STA. 861+80						8.8		8.8		RIGHT TURN ARROW
STA. 862+10						11.8		11.8		"ONLY"
STA. 867+35						13.5		13.5		BICYCLIST AND ARROW
STA. 870+85						13.5		13.5		BICYCLIST AND ARROW
STA. 875+85						13.5		13.5		BICYCLIST AND ARROW
<b>SUB-TOTALS</b>		<b>2,933</b>	<b>1,004</b>	<b>756</b>	<b>192</b>	<b>337.7</b>	<b>4,693</b>	<b>192</b>	<b>337.7</b>	
<b>SHEET TOTAL</b>			<b>4,693</b>		<b>192</b>	<b>337.7</b>	<b>4,693</b>	<b>192</b>	<b>337.7</b>	

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PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/24/2024	DATE -	REVISED -

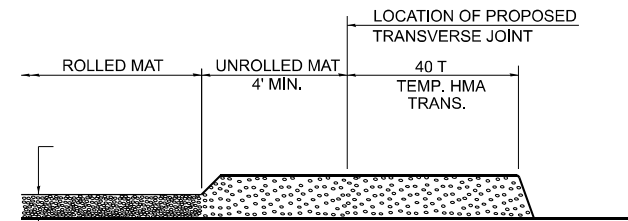
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PCC PAVEMENT MARKING  
SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

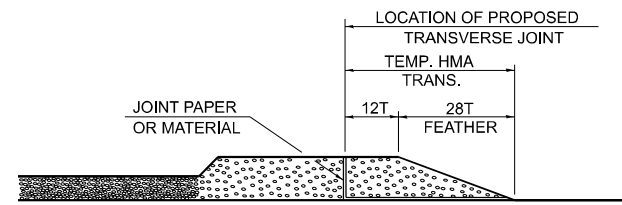
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)RS-5	WILLIAMSON	23	22
CONTRACT NO. 78A19				
		ILLINOIS	FED. AID PROJECT	

## TEMPORARY HOT-MIX ASPHALT TRANSITIONS



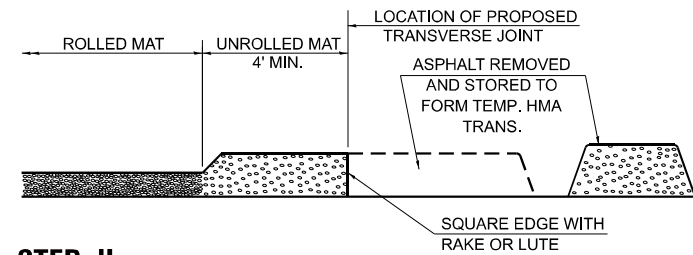
### STEP I

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.



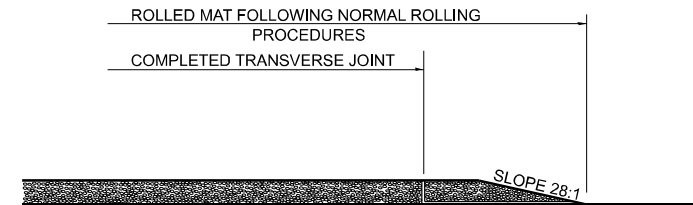
### STEP III

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

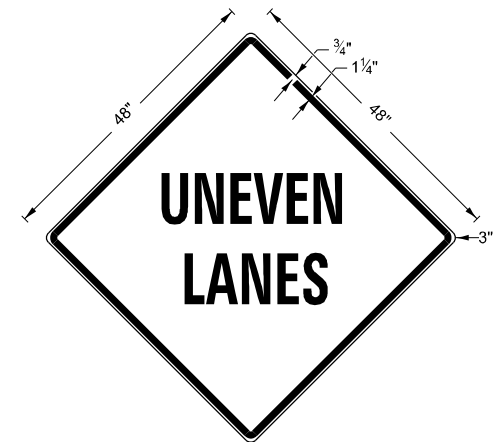
1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE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

## 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.

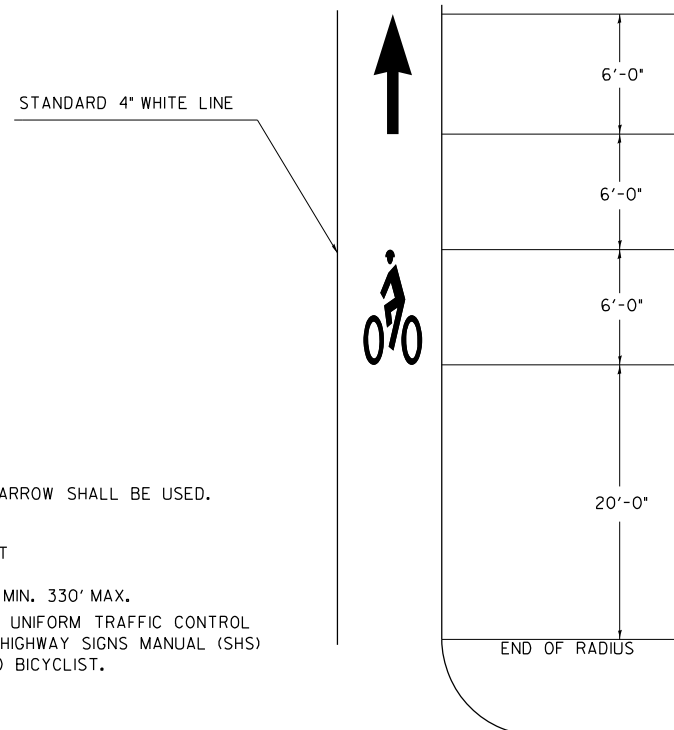
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

## HELMETED BICYCLIST SYMBOL



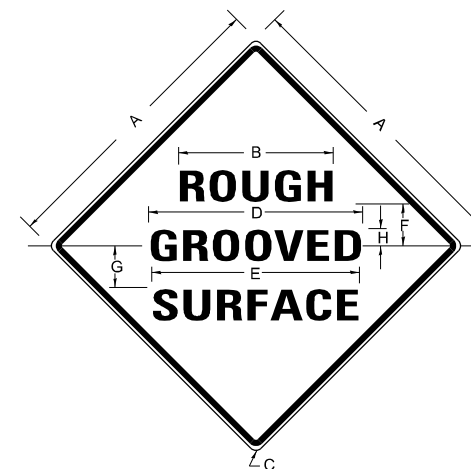
### NOTES:

THE STANDARD SMALL THROUGH ARROW SHALL BE USED.

ARROW = 6.5 SQ FT  
HELMETED BICYCLIST = 7.0 SQ FT

SPACING BETWEEN SYMBOLS: 120' MIN. 330' MAX.  
REFER TO THE FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND STANDARD HIGHWAY SIGNS MANUAL (SHS) FOR DIMENSIONS OF THE HELMETED BICYCLIST.

## 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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1X-1)RS-5	WILLIAMSON	23	23
CONTRACT NO. 78A19				
ILLINOIS FED. AID PROJECT				