

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	1
		ILLINOIS	CONTRACT NO. 78960	

FOR INDEX OF SHEETS, SEE SHEET NO. 3  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-8

# PROPOSED HIGHWAY PLANS

FAP ROUTE 873 (IL 149)  
SECTION (1R,20,23,26)RS-2  
PROJECT STP-0Z38(801)  
RESURFACING  
WILLIAMSON COUNTY

## TRAFFIC DATA (2023)

ADT: 3,570    %TRUCKS: 5%

**TOWNSHIPS**  
HURST  
BUSH

GAP RAILROAD TRACKS  
STA. 29 + 43 TO STA. 29 + 63  
STA. 30 + 40 TO STA. 30 + 60

C-99-074-22

PROJECT ENDS:  
WILLIAMSON/FRANKLIN COUNTY LINE  
STA. 102 + 30 SOUTH/NORTH LEG

PROJECT BEGINS:  
WILLIAMSON/FRANKLIN COUNTY LINE  
STA. 0 + 00 WEST/EAST LEG

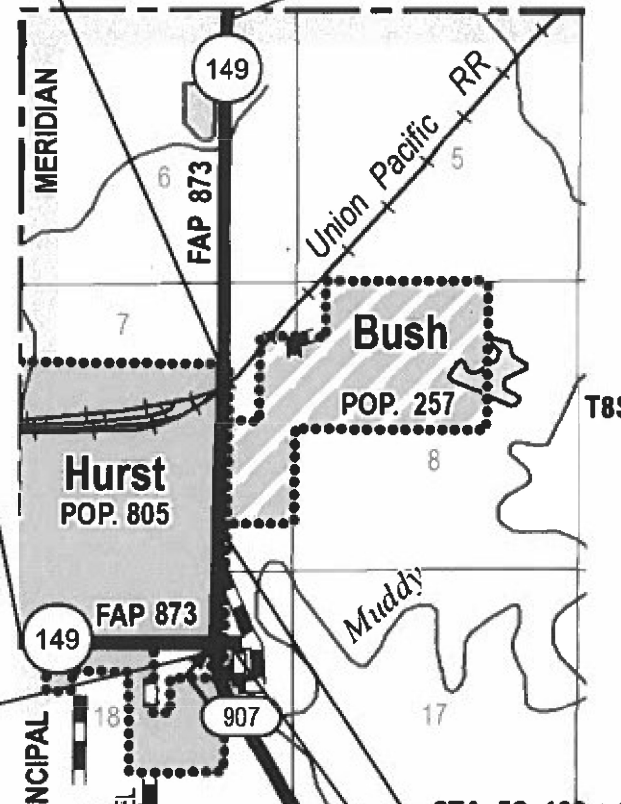
COORDINATE SYSTEM : ILLINOIS COORDINATE SYSTEM, EAST ZONE  
POSTED SPEED : 35/45/55 MPH

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

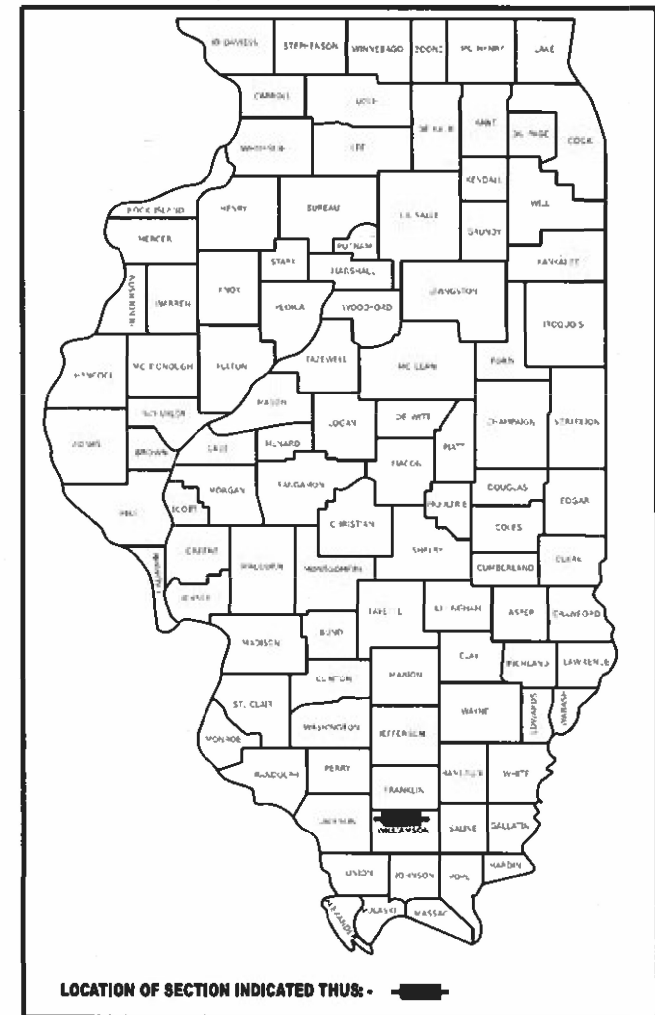
CONTRACT NO. 78960

PROJECT CONTINUES:  
INTERSECTION OF IL 149 AND  
CAMBRIA ROAD  
STA. 161 + 14 SOUTH/NORTH LEG



GROSS LENGTH = 15,734 FT. = 2.98 MILES  
NET LENGTH = 15,694 FT. = 2.97 MILES

STA. EQ: 182 + 39.30 BK = 0 + 00 AH  
STA. EQ: 163 + 71.7 BK = 167 + 10.5 AH



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 17 2023  
Kirk H. Brown  
REGION FIVE ENGINEER

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

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

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OF THE STATE OF ILLINOIS**

MODEL: I:\STATE\REG\187441  
FILE NAME: I:\state\reg\187441\com\PM\DOT\6202023\DOT\_Cad\dot\187441\187441-0278960-2.dwg, 2/24/2023, 5:41:59 PM

Prepared By: Charles Stein  
DISTRICT STUDIES & PLANS ENGINEER

Examined By: \_\_\_\_\_  
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Con Nelson  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: [Signature]  
DISTRICT OPERATIONS ENGINEER

Examined By: Douglas J. Hilliard  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Douglas J. Hilliard  
DISTRICT CONSTRUCTION ENGINEER

Examined By: Aaron Hays  
DISTRICT MATERIALS ENGINEER

USER NAME	▪ Jacob.Stark	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
PLOT SCALE	▪ 0.18666633 / in.	DATE	-	REVISED	-
PLOT DATE	▪ 2/24/2023				

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGNATURE SHEET**

SCALE: \_\_\_\_\_ SHEET 2 OF 31 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R.20.23.26)RS-2	WILLIAMSON	31	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78960	

# INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, MTD
4	GENERAL NOTES, MIX DESIGN
5-8	SUMMARY OF QUANTITIES
9-13	TYPICALS
14-22	SCHEDULES
23-24	SIDEWALK REMOVAL
25-26	SIDEWALK CONSTRUCTION
27	HMA TRANSITIONS
28-30	SIDEROAD AND ENTRANCE DETAIL
31	UNEVEN LANES SIGN, ROUGH GROOVED SURFACE, TEMP TRANSITIONS

# HIGHWAY STANDARDS

- 000001-08\_STANDARDSYMBOLSABBREVIATIONS-PATTERNS-001 (1)
- 001006\_DECIMALOFINCH-FOOT
- 424006-05\_DIAGONALCURBRAMPS-054
- 424021-06\_DEPRESSED CORNER-057
- 442201-03\_CLASSC-DPATCHES
- 482001-02\_HMASHLDADJTOFLEXPVMT
- 606001-08\_CONCCURBTYPB-COMBOCONCC-G
- 642006-01\_SHOULDERRUMBLESTRIP8IN-240
- 701001-02\_OFFRDOP-2L2W-15FTMINFROMEOP
- 701006-05\_OFFRDOP-2L2W-15FTTOEOP
- 701306-04\_LNCLOSURE2L2W-SLOWMOVEOPDAYONLY45MPHORMORE
- 701311-03\_LNCLOSURE2L2W-MOVINGOPDAYONLY
- 701326-04\_LNCLOSURE2L2W-PVMTWIDENING45MPHORMORE
- 701336-07\_LNCLOSURE2L2W-WORKAREASINSERIES45MPHORMORE
- 701901-08\_TRAFCNTRLDEVICES
- 780001-05\_TYPICALPVMTMRKINGS
- 781001-04\_TYPICALAPPRAISEDREFLCPVMTMRKRS
- 420001-10\_PAVEMENT JOINTS
- 606301-04\_PC CONCRETE ISLANDS AND MEDIANS

## MTD CROSSING RESTRICTIONS TABLE

IL 149 (FAP 873) SN & CENTERLINE STATION		EXISTING FILL HEIGHT OVER BOX CULVERT (FEET)	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT (FEET)	MTD CROSSING RESTRICTIONS
SN 100-7097	STA 76+35	1.1	1.1	EMPTY MTD ALLOWED WITH 40 TONS MAXIMUM GROSS WEIGHT

REV. - MS

MODEL: INDEX OF SHEETS (Sheet)  
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USER NAME = Alicia.Fowler-Stevens	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, STANDARDS, MTD TABLE</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -					873	(1R,20,23,26)RS-2	WILLIAMSON	31	3
PLOT DATE = 3/22/2023	CHECKED -	REVISED -		SCALING SCALE SHEET 3 OF 31 SHEETS STA. TO STA.			CONTRACT NO. 78960				
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

# HMA MIXTURE REQUIREMENTS TABLES

## GENERAL NOTES

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

RAMP THE 1 AND 2 NOSES OF CURBED CORNER ISLANDS UNLESS THE CURB FUNCTION IS FOR THE PROTECTION OF PEDESTRIANS, SIGNALS, LIGHT STANDARDS, OR SIGN TRUSS SUPPORTS. SEE STANDARD 606301 FOR DETAILS OF RAMPING NOSES.

VIBRATORY ROLLERS WILL NOT BE ALLOWED WITHIN THE CORPORATE LIMITS OF HURST AND BUSH

COMMITMENTS: NONE

Locations	HOT-MIX ASPHALT SURFACE COURSE
Mixture Use(s):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, 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
Friction Aggregate:	MIX C
Mixture Weight:	112 LBS/SQ YD/IN
Quality Management Program:	QCP
Sublot Size:	1000
Material Transfer Device (Required?)	YES

Locations	HOT-MIX ASPHALT BINDER COURSE
Mixture Use(s):	HOT-MIX ASPHALT BINDER COURSE, N70, IL-9.5FG
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
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

REV. - MS

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, HMA MIX REQUIREMENTS

SCALE: NO SCALE SHEET 4 OF 31 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	4
CONTRACT NO. 78960				
ILLINOIS   FED. AID PROJECT				

# SUMMARY OF QUANTITIES

COUNTY:	WILLIAMSON CO
ROUTE:	FAP 873 (IL 149)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	203	203
25000115	SEEDING, CLASS 1B	ACRE	0.01	0.01
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	6	6
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	6	6
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	6	6
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.02	0.02
25100115	MULCH, METHOD 2	ACRE	0.01	0.01
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	20,385	20,385
40600370	LONGITUDINAL JOINT SEALANT	FOOT	15,980	15,980
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	914	914
40600990	TEMPORARY RAMP	SQ YD	299	299
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	2,870	2,870
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	3,513	3,513
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	108	108

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# SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON CO
ROUTE:	FAP 873 (IL 149)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005
42001300	PROTECTIVE COAT	SQ YD	122	122
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,098	1,098
42400600	DETECTABLE WARNINGS	SQ FT	135	135
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	3,130	3,130
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	32,997	32,997
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	6,557	6,557
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	1,446	1,446
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	139	139
44000600	SIDEWALK REMOVAL	SQ FT	879	879
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SQ YD	788	788
44201381	CLASS C PATCHES, TYPE III, 12 INCH	SQ YD	16	16
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	370	370
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2,707	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	351	351
56109210	WATER VALVES TO BE ADJUSTED	EACH	2	2
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	139	139

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REV. - MS

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# SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON CO
ROUTE:	FAP 873 (IL 149)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	16,142	16,142
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	42	42
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,634	4,634
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,545	1,545
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	37,643	37,643
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	66	66
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	122	122
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	37,643	37,643
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	66	66
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	193	193

\* SPECIALTY ITEM

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: 1" = 40'      SHEET 7 OF 31 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	7
CONTRACT NO. 78960				
ILLINOIS   FED. AID PROJECT				

# SUMMARY OF QUANTITIES - CONT

COUNTY:	WILLIAMSON CO
ROUTE:	FAP 873 (IL 149)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	193	193
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	12,802	12,802
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	39	39
X4430200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	890	890
X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	2	2
Z0034105	MATERIAL TRANSFER DEVICE	TON	6,383	6,383
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

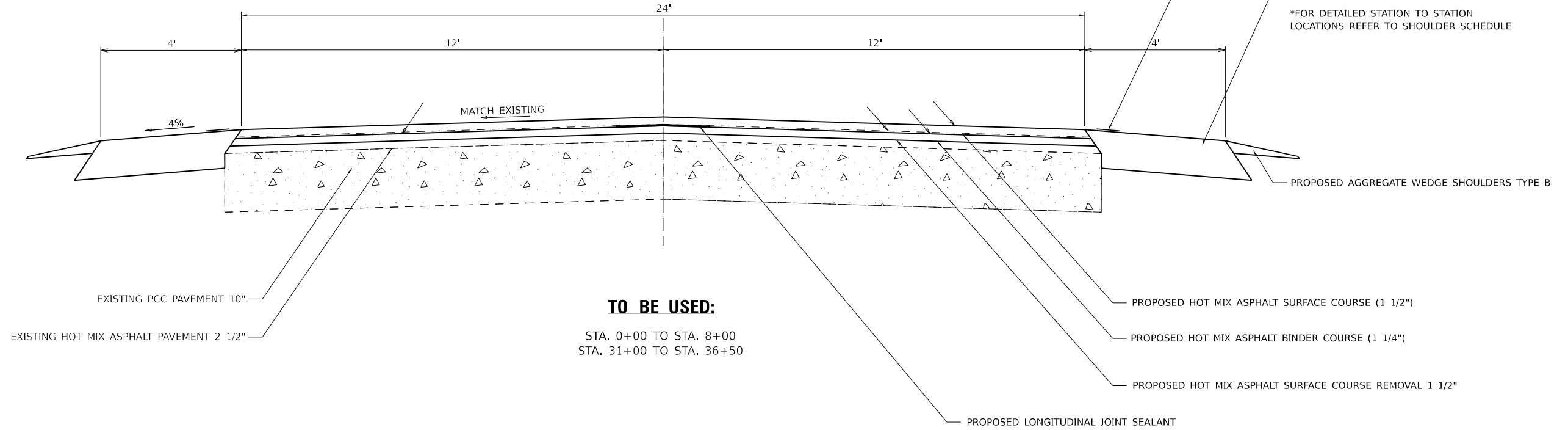
## SUMMARY OF QUANTITIES

SCALE: NO SCALE    SHEET 8    OF 31    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	8
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				



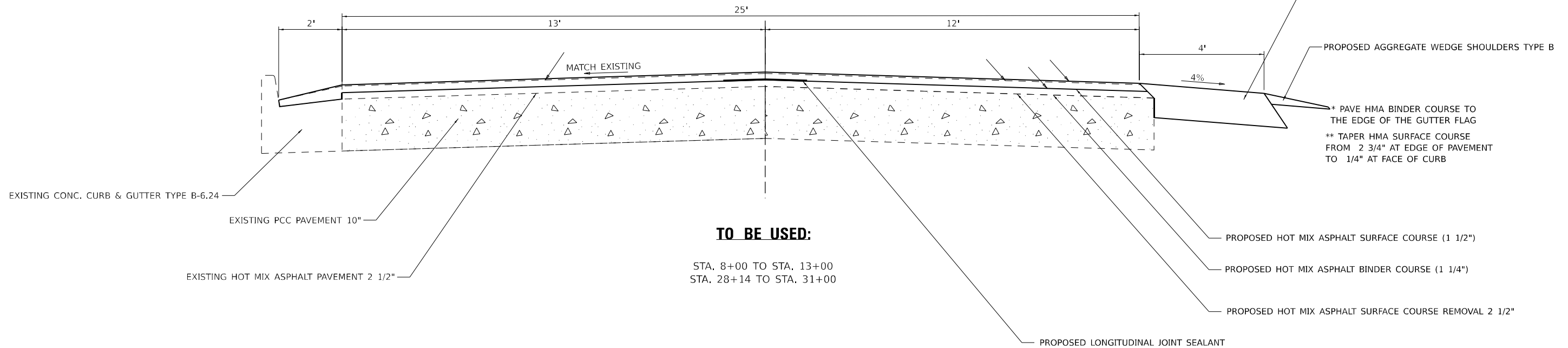
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**IL 149 WEST TO EAST**  
**(FAP 873)**



**TO BE USED:**

STA. 0+00 TO STA. 8+00  
 STA. 31+00 TO STA. 36+50

CL  
**IL 149 WEST TO EAST**  
**(FAP 873)**



**TO BE USED:**

STA. 8+00 TO STA. 13+00  
 STA. 28+14 TO STA. 31+00

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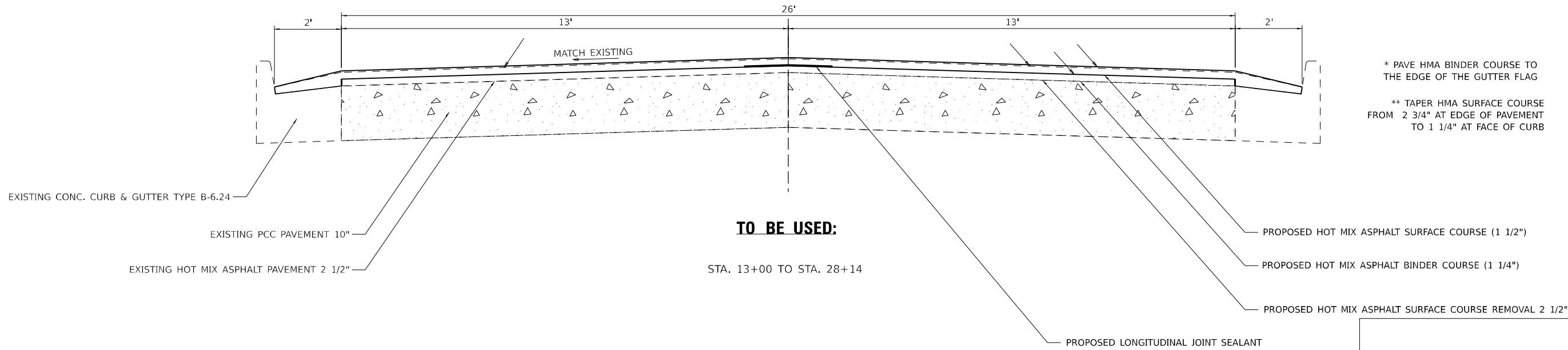
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SCALE	SHEET 9	OF 31 SHEETS	STA.	TO STA.
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**TYPICALS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	9
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

IL 149 WEST TO EAST  
(FAP 873)

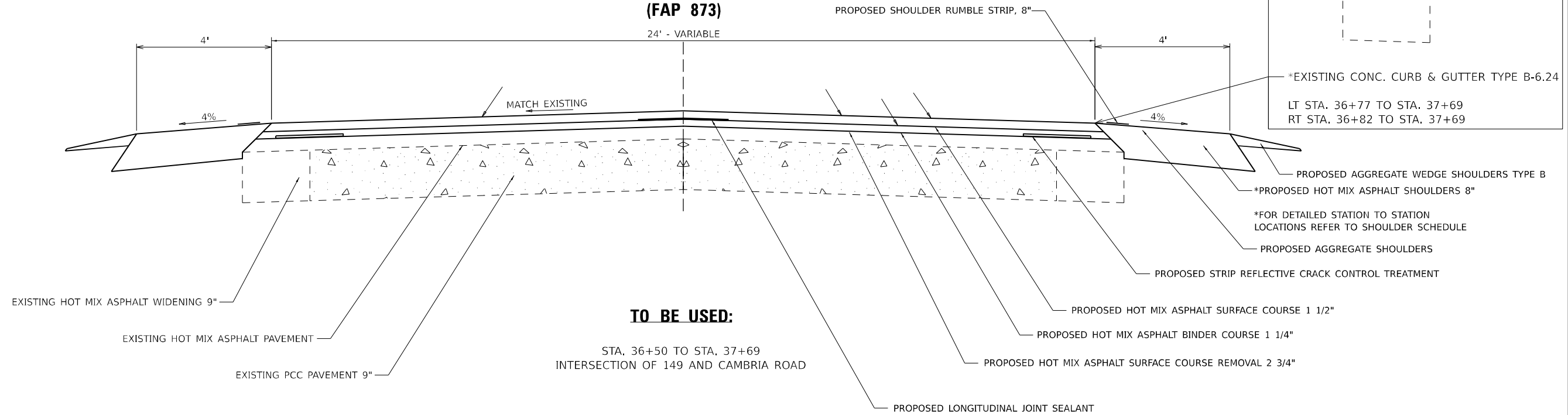


**TO BE USED:**

STA. 13+00 TO STA. 28+14

\* 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

IL 149 WEST TO EAST  
(FAP 873)



**TO BE USED:**

STA. 36+50 TO STA. 37+69  
INTERSECTION OF 149 AND CAMBRIA ROAD

\*EXISTING CONC. CURB & GUTTER TYPE B-6.24  
LT STA. 36+77 TO STA. 37+69  
RT STA. 36+82 TO STA. 37+69

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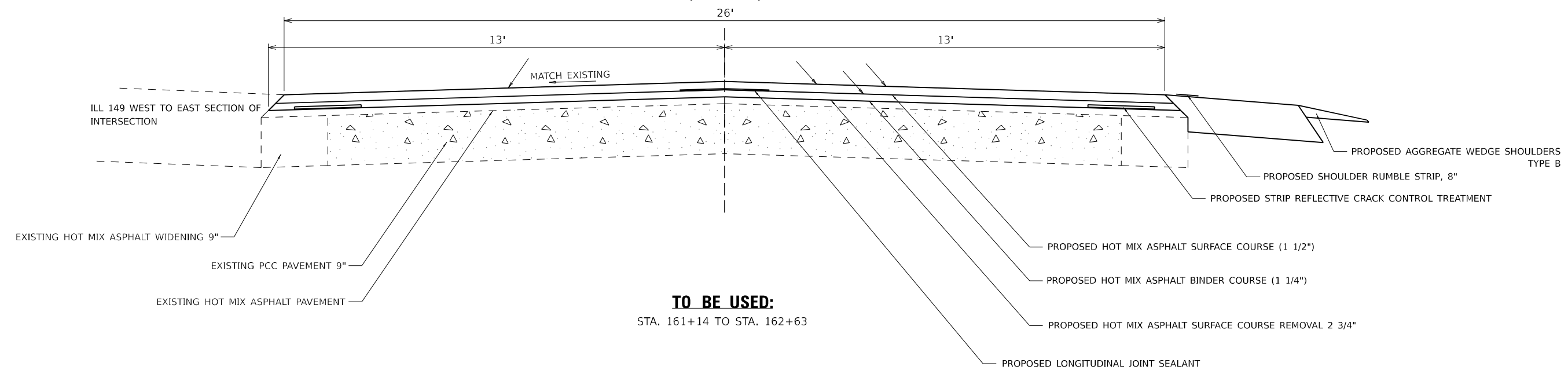
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PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 3/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICALS	
SCALE	SCALE
SHEET 10	OF 31 SHEETS
STA.	TO STA.

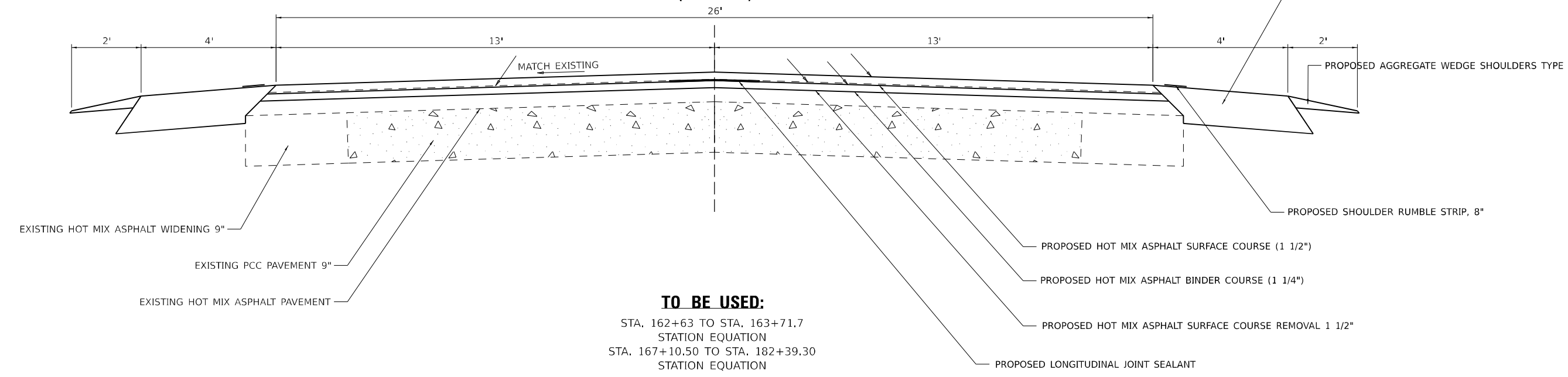
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	10
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

IL 149 SOUTH TO NORTH  
(FAP 873)



**TO BE USED:**  
STA. 161+14 TO STA. 162+63

IL 149 SOUTH TO NORTH  
(FAP 873)



**TO BE USED:**  
STA. 162+63 TO STA. 163+71.7  
STATION EQUATION  
STA. 167+10.50 TO STA. 182+39.30  
STATION EQUATION

MODEL: TYPICAL\_3 (Rev. 1)  
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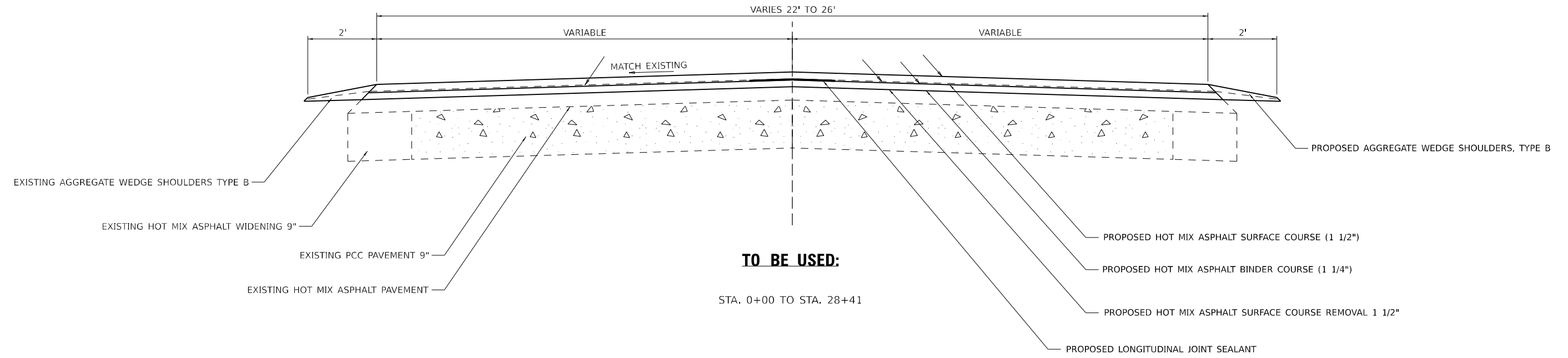
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	DRAWN -	REVISED -
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PLOT DATE = 3/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>TYPICALS</b>			
SCALE	SHEET 11	OF 31 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	11
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

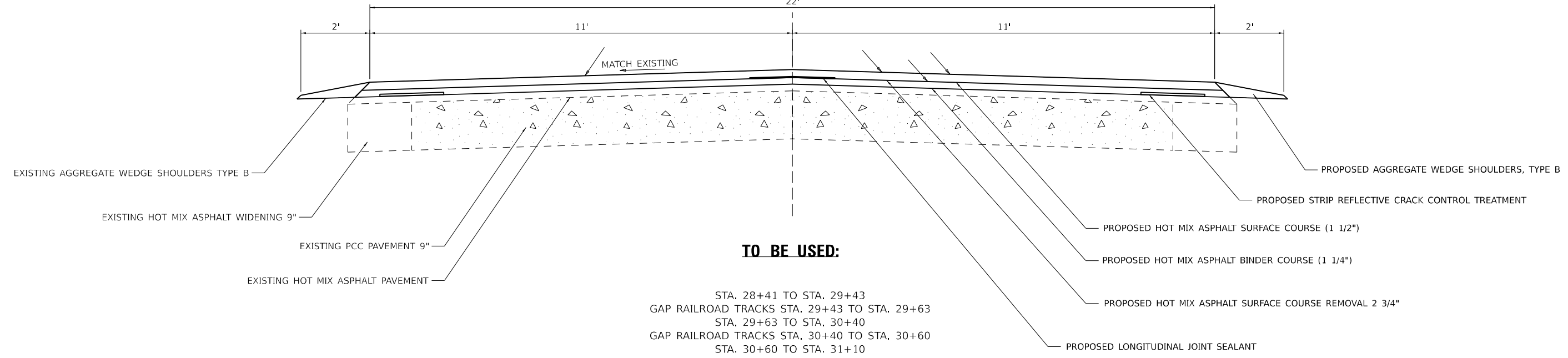
IL 149 SOUTH TO NORTH  
(FAP 873)



**TO BE USED:**

STA. 0+00 TO STA. 28+41

IL 149 SOUTH TO NORTH  
(FAP 873)



**TO BE USED:**

STA. 28+41 TO STA. 29+43  
GAP RAILROAD TRACKS STA. 29+43 TO STA. 29+63  
STA. 29+63 TO STA. 30+40  
GAP RAILROAD TRACKS STA. 30+40 TO STA. 30+60  
STA. 30+60 TO STA. 31+10

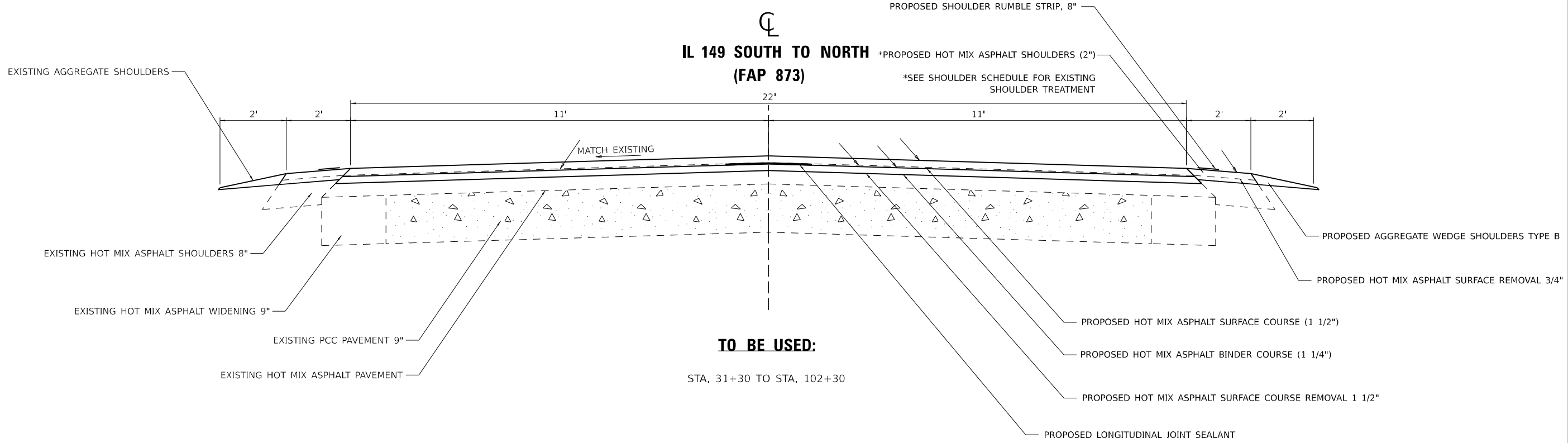
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USER NAME = Alicia.Fowler-Stevens	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 3/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALES		TYPICALS			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	12
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				



**TO BE USED:**

STA. 31+30 TO STA. 102+30

MODEL: TYPICAL 5 (Rev. 11)  
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USER NAME = Alicia.Fowler-Stevens	DESIGNED -	REVISED -
DRAWN -	REVISED -	
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PLOT DATE = 3/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICALS</b>				
SCALE	NO SCALE	SHEET 13	OF 31 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	13
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

## RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH	PAVEMENT WIDTH	HOT-MIX ASPHALT BINDER COURSE IL 9, 5FG, 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)	
<b>IL 149 WEST TO EAST</b>										
00+00 TO 08+00	800	24	149	179	1,440		21	800	22	
08+00 TO 13+00	500	25	97		625		7	500		LEFT CURB SECTION BRING BINDER TO FACE OF CURB
08+00 TO 13+00	500	27		126	338					LEFT CURB SECTION TAPER SURFACE INTO THE GUTTER
13+00 TO 28+14	1,514	26	306		1,968			1,514		DOUBLE CURB SECTION BRING BINDER TO FACE OF CURB
13+00 TO 28+14	1,514	30		424	1,136					DOUBLE CURB SECTION TAPER SURFACE INTO GUTTER
28+14 TO 31+00	286	25	56		358		4	286		LEFT CURB SECTION BRING BINDER TO FACE OF CURB
28+14 TO 31+00	286	27		72	193			286		LEFT CURB SECTION TAPER SURFACE INTO THE GUTTER
31+00 TO 36+50	550	24	103	123	990		14	550		
36+50 TO 37+69	119	VARIABLE	41	49	395	238	4	119	116	INTERSECTION INLAY CALCULATIONS TO EOP OF CAMBRIA/149
<b>SUBTOTAL</b>	<b>6,069</b>		<b>752</b>	<b>973</b>	<b>7,443</b>		<b>238</b>	<b>4,055</b>	<b>138</b>	

<b>IL 149 SOUTH TO NORTH</b>										
161+14 TO 162+63	149	26	30	36	291	298		149	28	START AT THE NEW PAVEMENT HEADER
162+63 TO 163+71.7	109	26	22	26	213		3	109		
<b>STA EQ 163+71.7 BK = 167+10.5 AH</b>										
STATION EQUATION										
167+10.5 TO 182+39.3	1,529	26	309	371	2,982		39	1,529		
<b>STA EQ 182+39.30 BK = 0+00 AH</b>										
STATION EQUATION										
00+00 TO 01+25	125	26	25	30	244		4	125		
01+25 TO 13+00	1,175	24	219	263	2,115		30	1,175		
13+00 TO 28+41	1,541	22	264	316	2,543		40	1,541		
28+41 TO 28+91	50	22	9	10	83	100	3	50	24	
<b>29+43 TO 29+63</b>	<b>GAP RAILROAD TRACKS</b>									
29+63 TO 30+40	77	22	13	16	127		4	77	24	
<b>30+40 TO 30+60</b>	<b>GAP RAILROAD TRACKS</b>									
30+60 TO 31+10	50	22	9	10		100	3	50	24	
31+10 TO 102+30	7,120	22	1,218	1,462			181	7,120		
<b>SUBTOTAL</b>	<b>11,925</b>		<b>2,118</b>	<b>2,540</b>	<b>8,598</b>		<b>652</b>	<b>11,925</b>	<b>100</b>	

<b>TOTALS</b>	<b>17,994</b>		<b>2,870</b>	<b>3,513</b>	<b>16,041</b>		<b>890</b>	<b>357</b>	<b>15,980</b>	<b>238</b>	
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REV. - MS

MODEL - RESURFACING (Sheet)  
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PLOT DATE = 3/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RESURFACING SCHEDULE**

SCALE: NO SCALE    SHEET 14 OF 31 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	14
CONTRACT NO. 78960				
ILLINOIS   FED. AID PROJECT				

# REMOVAL SCHEDULE

LOCATION STATION TO STATION	LENGTH	PAVEMENT WIDTH	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 YD)	(SQ YD)	(SQ YD)	
<b>IL 149 WEST TO EAST</b>						
00+00 TO 08+00	800	24	2,133			
08+00 TO 13+00	500	25			1,389	LEFT CURB SECTION BRING BINDER TO FACE OF CURB
13+00 TO 28+14	1,514	26			4,374	DOUBLE CURB SECTION BRING BINDER TO FACE OF CURB
28+14 TO 31+00	286	25			794	LEFT CURB SECTION BRING BINDER TO FACE OF CURB
31+00 TO 36+50	550	24	1,467			
36+50 TO 37+69	119	VARIABLE		584		INTERSECTION INLAY CALULATIONS TO EOP OF CAMBRIA/149
<b>SUBTOTAL</b>	<b>6,069</b>		<b>3,600</b>	<b>584</b>	<b>6,557</b>	
<b>IL 149 SOUTH TO NORTH</b>						
161+14 TO 162+63	149	26		430		START AT THE NEW PAVEMENT HEADER
162+63 TO 163+71.7	109	26	315			
<b>STA EQ 163+71.7 BK = 167+10.5 AH</b>			STATION EQUATION			
167+10.5 TO 182+39.3	1,529	26	4,417			
<b>STA EQ 182+39.30 BK = 0+00 AH</b>			STATION EQUATION			
00+00 TO 01+25	125	26	361			
01+25 TO 13+00	1,175	24	3,133			
13+00 TO 28+41	1,541	22	3,767			
28+41 TO 28+91	50	22		122		
<b>29+43 TO 29+63</b>	<b>GAP RAILROAD TRACKS</b>					
29+63 TO 30+40	77	22		188		
<b>30+40 TO 30+60</b>	<b>GAP RAILROAD TRACKS</b>					
30+60 TO 31+10	50	22		122		
31+10 TO 102+30	7,120	22	17,404			
<b>SUBTOTAL</b>	<b>11,925</b>		<b>29,397</b>	<b>862</b>		
<b>TOTALS</b>	<b>17,994</b>		<b>32,997</b>	<b>1,446</b>	<b>6,557</b>	

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL SCHEDULE**

SCALE: 1" = 40'    SHEET 15 OF 31 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	15
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

## SHOULDER SCHEDULE

LOCATION STATION TO STATION	LENGTH	SHOULDER WIDTH	SHOULDER AREA	HOT-MIX ASPHALT SURFACE REMOVAL 3/4"	EXCAVATING AND GRADING EXISTING SHOULDERS	HOT-MIX ASPHALT SHOULDERS, 8"	HOT-MIX ASPHALT SHOULDERS (2")	SHOULDER RUMBLE STRIPS 8"	BITUMINOUS MATERIALS TACK COAT	REMARKS
	(FEET)	(FEET)	(SQ FT)	(SQ YD)	(UNITS)	(SQ YD)	(TON)	(FT)	(POUND)	
<b>IL 149 (WEST TO EAST)</b>										
00+00 TO 08+00	800	4	6,400		16	711		1,280	640	STOP AT CURB SECTION
RT 08+00 TO 12+55	455	4	1,820		5	202		364	182	STOP AT CURB SECTION
LT 31+00 TO 36+77	577	4	2,308		6	256		462	231	STOP AT CURBED RADIUS
RT 28+14 TO 36+82	868	4	3,472		9	386		694	347	STOP AT CURBED RADIUS
SUBTOTAL	2,700		14,000	0	36	1,555	0	2,800	1,400	
<b>IL 149 (SOUTH TO NORTH)</b>										
RT 162+40 TO 163+71.7	132	4	528		1	59		106	53	
LT 162+63 TO 163+71.7	109	4	436		1	48		87	44	
<b>STA EQ 163+71.7 BK = 167+10.5 AH</b>										STATION EQUATION
167+10.5 TO 178+86	1,176	4	9,408		24	1045		1,882	941	STOP AT LINCOLN STREET
31+10.5 TO 101+52	7,042	2	28,168	3,130	141		351	11,267	1,408	
SUBTOTAL	8,459		38,540	3,130	167	1,152	351	13,342	2,446	
<b>TOTALS</b>										
	11,159		52,540	3,130	203	2,707	351	16,142	3,846	

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHOULDER SCHEDULE**

SCALE: 1" = 40'      SHEET 16 OF 31 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	16
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				



# IL 149 W-E PATCHING SCHEDULE

LANE LOCATION	WIDTH (FEET)	LENGTH (FEET)	AREA (SQYD)	CLASS C PATCHES, TYPE II, 12 INCH (SQYD)	CLASS C PATCHES, TYPE III, 12 INCH (SQYD)
<b>IL 149 W-E</b>					
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	8	12	10.7	10.7	
EB	8	12	10.7	10.7	
EB	8	12	10.7	10.7	
EB	4	12	5.3	5.3	
EB	8	12	10.7	10.7	
EB	6	12	8	8	
EB	6	12	8	8	
EB	6	12	8	8	
EB	6	12	8	8	
EB	6	12	8	8	
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	8	12	10.7	10.7	
WB	8	12	10.7	10.7	
WB	8	12	10.7	10.7	
WB	4	12	5.3	5.3	
WB	8	12	10.7	10.7	
WB	6	12	8	8	
WB	6	12	8	8	
WB	6	12	8	8	
WB	6	12	8	8	
WB	6	12	8	8	
WB	4	12	5.3	5.3	
WB	4	12	5.3	5.3	
WB	4	12	5.3	5.3	
<b>SUBTOTAL</b>				298.1	0

MODEL: PATCHING (Sheet)  
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PLOT SCALE = 0.16666833' / in.	CHECKED -	REVISED -
PLOT DATE = 3/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE			
SCALING SCALE	SHEET 17	OF 31 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	17
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

## IL 149 S-N PATCHING SCHEDULE

LANE LOCATION	WIDTH (FEET)	LENGTH (FEET)	AREA (SQYD)	CLASS C PATCHES, TYPE II, 12 INCH (SQYD)	CLASS C PATCHES, TYPE III, 12 INCH (SQYD)
<b>IL 149 S-N</b>					
NB	4	12	5.3	5.3	
NB	4	12	5.3	5.3	
NB	4	12	5.3	5.3	
NB	6	12	8	8	
NB	6	12	8	8	
NB	6	12	8	8	
NB	6	12	8	8	
NB	8	12	10.7	10.7	
NB	4	12	5.3	5.3	
NB	6	12	8	8	
NB	6	12	8	8	
NB	6	12	8	8	
NB	6	12	8	8	
NB	6	12	8	8	
NB	6	12	8	8	
NB	6	12	8	8	
NB	6	12	8	8	
NB	6	12	8	8	
NB	4	12	5.3	5.3	
NB	8	12	10.7	10.7	
NB	8	12	10.7	10.7	
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	
NB	4	12	5.3	5.3	
NB	6	12	8	8	
NB	4	12	5.3	5.3	
NB	4	12	5.3	5.3	
NB	6	12	8	8	
NB	6	12	8	8	
NB	6	12	8	8	
NB	6	12	8	8	
NB	4	12	5.3	5.3	
NB	4	12	5.3	5.3	
NB	6	12	8	8	
NB	6	12	8	8	
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	
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	
NB	6	12	8	8	
NB	6	12	8	8	
NB	6	12	8	8	
NB	6	12	8	8	
NB	8	12	10.7	10.7	
NB	4	12	5.3	5.3	
NB	6	12	8	8	

LANE LOCATION	WIDTH (FEET)	LENGTH (FEET)	AREA (SQYD)	CLASS C PATCHES, TYPE II, 12 INCH (SQYD)	CLASS C PATCHES, TYPE III, 12 INCH (SQYD)
SB	6	12	8	8	
SB	6	12	8	8	
SB	6	12	8	8	
SB	6	12	8	8	
SB	6	12	8	8	
SB	6	12	8	8	
SB	6	12	8	8	
SB	6	12	8	8	
SB	4	12	5.3	5.3	
SB	8	12	10.7	10.7	
SB	4	12	5.3	5.3	
SB	8	12	10.7	10.7	
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	
SB	4	12	5.3	5.3	
SB	6	12	8	8	
SB	12	12	16		16
SB	4	12	5.3	5.3	
SB	4	12	5.3	5.3	
SB	6	12	8	8	
SB	6	12	8	8	
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	
SB	4	12	5.3	5.3	
SB	4	12	5.3	5.3	
SB	4	12	5.3	5.3	
<b>SUBTOTAL</b>				<b>489.9</b>	<b>16</b>

<b>TOTAL</b>				<b>788</b>	<b>16</b>
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\* TIE BARS ARE INCLUDED IN THE COST OF CLASS C PATCHES

MODEL: PATCHING (Sheet)  
 FILE NAME: P:\MIDOT\Documents\DOT Office\District 9\ORD Project\78960\CAD\Drawings\DOT\9860-Sub-E-Schedule.dgn

## ENTRANCE SCHEDULE 149 WEST-EAST

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	AGGGREGATE WEDGE SHOULDER, TYPE B	REMARKS	
SIDE	STATION	ENTRANCE TYPE				(SQ FT)	(TONS)	(POUND)	(SQ YD)	(SQ YD)	(TON)		
LT	5+28	WILLIAMSON STREET	41	O&C	BITUMINOUS	615	6	31	69	5			
<b>SUB - TOTAL</b>								<b>6</b>	<b>31</b>	<b>69</b>	<b>5</b>	<b>0</b>	

MODEL: ENTRANCES (Sheet)  
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	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 3/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE SCHEDULE**

SCALE: 1" = 40'    SHEET 19 OF 31 SHEETS    STA.                      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	19
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

## ENTRANCE SCHEDULE 149 SOUTH-NORTH

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	AGGREGATE WEDGE SHOULDER, TYPE B	REMARKS	
SIDE	STATION	ENTRANCE TYPE				(SQ FT)	(TONS)	(POUND)	(SQ YD)	(SQ YD)	(TON)		
RT	162+00	RUSSELL STREET	51	O&C	BITUMINOUS	765	8	39	85	6			
LT	179+20	LINCOLN STREET	44	O&C	BITUMINOUS	660	7	33	74	5			
RT	179+28	LOCKEYVILLE RD	43	O&C	BITUMINOUS	645	7	33	72	5			
RT	180+46	LOCKEYVILLE RD	35	O&C	BITUMINOUS	525	5	27	59	4			
RT	182+08	PRIVATE	35	AGGREGATE	AGGREGATE	140					1		
LT	4+75	PRIVATE	31	BITUMINOUS	BITUMINOUS	124	2	7					
RT	8+21	PRIVATE	17	AGGREGATE	AGGREGATE	68					1		
LT	9+49	SCHOOL STREET	33	O&C	BITUMINOUS	495	5	25	55	4			
RT	9+54	CYPRESS STREET	31	O&C	BITUMINOUS	465	5	24	52	3			
LT	14+14	PRIVATE	30	BITUMINOUS	BITUMINOUS	120	2	6					
LT	15+29	PRIVATE	55	BITUMINOUS	BITUMINOUS	220	3	11					
RT	17+54	WALNUT STREET	22	O&C	BITUMINOUS	330	4	17	37	2			
LT	19+78	COMMERCIAL	49	PCC	BITUMINOUS	735	7	37	82	5			
RT	19+87	PRIVATE	17	BITUMINOUS	BITUMINOUS	68	1	4					
RT	20+47	PRIVATE	17	BITUMINOUS	BITUMINOUS	68	1	4					
LT	20+85	COMMERCIAL	41	PCC	BITUMINOUS	615	6	31	69	5			
RT	21+16	PRIVATE	28	BITUMINOUS	BITUMINOUS	112	2	6					
LT	22+24	COMMERCIAL	49	PCC	BITUMINOUS	735	7	37	82	5			
LT	22+89	RAILROAD STREET	35	O&C	BITUMINOUS	525	5	27	59	4			
RT	23+03	HICKORY STREET	32	O&C	BITUMINOUS	480	5	24	54	4			
RT	24+29	PRIVATE	21	BITUMINOUS	BITUMINOUS	84	1	5					
LT	29+53	PRIVATE	16	BITUMINOUS	BITUMINOUS	64	1	4				RAIL YARD	
LT	29+83	PRIVATE	33	BITUMINOUS	BITUMINOUS	132	2	7				RAIL YARD	
LT	31+04	ADAMS STREET	39	O&C	BITUMINOUS	585	6	30	65	4			
RT	36+35	PRIVATE	22	AGGREGATE	AGGREGATE	88					1	FIELD ENTRANCE	
LT	49+71	PRIVATE	22	AGGREGATE	AGGREGATE	88					1	FIELD ENTRANCE	
LT	58+52	PRIVATE	21	BITUMINOUS	BITUMINOUS	84	1	5					
LT	59+50	PRIVATE	25	BITUMINOUS	BITUMINOUS	100	1	5					
RT	63+74	PRIVATE	18	AGGREGATE	AGGREGATE	72					1	FIELD ENTRANCE	
LT	76+78	PRIVATE	18	AGGREGATE	AGGREGATE	72					1	FIELD ENTRANCE	
RT	78+87	PRIVATE	21	AGGREGATE	AGGREGATE	84					1	FIELD ENTRANCE	
LT	79+56	PRIVATE	35	AGGREGATE	AGGREGATE	140					1		
LT	84+33	PRIVATE	16	AGGREGATE	AGGREGATE	64					1	FIELD ENTRANCE	
LT	101+40	PRIVATE	82	BITUMINOUS	BITUMINOUS	328	4	17					
RT	101+57	PRIVATE	97	AGGREGATE	AGGREGATE	388					1		
<b>SUB - TOTAL</b>								<b>98</b>	<b>465</b>	<b>845</b>	<b>56</b>	<b>13</b>	
<b>TOTAL</b>								<b>104</b>	<b>496</b>	<b>914</b>	<b>61</b>	<b>13</b>	

MODEL: ENTRANCES 2 (Sheet)  
 FILE NAME: P:\Bids\2023\149S\149S\_Schedule.dgn

USER NAME = Alicia.Fowler-Stevens	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666833' / in.	CHECKED -	REVISED -
PLOT DATE = 3/22/2023	DATE -	REVISED -

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

**ENTRANCE SCHEDULE**  
 SCALE: 1" = 40'    SHEET 20 OF 31 SHEETS    STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	20
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

## PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	LENGTH	PAINT PAVEMENT MARKING					REMARKS
		LINE 4"			LINE 24"	LETTERS AND SYMBOLS	
		WHITE	YELLOW				
		SOLID	SOLID	SKIP DASH	(FEET)	(SQ FT)	
	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)		
<b>IL 149 (WEST TO EAST)</b>							
00+00 TO 36+50	3,650	7,300		913			PASSING
SUBTOTAL	3,650		8,213		0		

<b>IL 149 (SOUTH TO NORTH)</b>							
163+45 TO 163+81.5	37	74		9			PASSING
<b>163+81.5 BK = 167+10.5 AH</b>							
167+10.5 TO 182+38.3	1,528	3,056		382			PASSING
<b>182+38.3 BK = 0+00.00 AH</b>							
00+00 TO 25+27	2,527	5,054		632			PASSING
25+27 TO 28+41	314	628	314	79			SOUTH PASSING
28+41 TO 31+03	262	524	524		66		NO PASSING
31+03 TO 33+67	264	528	264	66			NORTH PASSING
33+67 TO 49+07	1,540	3,080		385			PASSING
49+07 TO 58+23	916	1,832	916	229			SOUTH PASSING
58+23 TO 59+60	137	274		34			PASSING
59+60 TO 68+98	938	1,876	938	235			NORTH PASSING
68+98 TO 102+30	3,332	6,664		833			PASSING
RAILROAD TRACKS						122	2 APPROACHES
SUBTOTAL	11,795		29,430		66	122	

<b>TOTALS</b>	<b>15,445</b>		<b>37,643</b>		<b>66</b>	<b>122</b>	
---------------	---------------	--	---------------	--	-----------	------------	--

MODEL: PAVEMENT MARKING (Sheet)  
FILE NAME: P:\Bids\2023\11\11\DOT\Documents\DOT Office\District 9\ORD Project\78960\CAD\Drawings\DOT\8960-SubE-Schedule.dgn

USER NAME = Alicia.Fowler-Stevens	DESIGNED -	REVISED -
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PLOT SCALE = 0.16666833' / in.	CHECKED -	REVISED -
PLOT DATE = 3/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS**

SCALE: NO SCALE SHEET 21 OF 31 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	21
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

## SIDEWALK SCHEDULE

LOCATION	SIDEWALK REMOVAL	PCC SIDEWALK 5"	DETECTABLE WARNINGS	COMB. CURB & GUTTER REMOVAL	COMB. CONC. CURB & GUTTER TYPE B- 6.18	PROTECTIVE COAT	WATER VALVES TO BE ADJUSTED	HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIALS TACK COAT
	(SQ FT)	(SQ FT)	(SQ FT)	(FT)	(FT)	(SQ YD)	(EACH)	(SY)	(TONS)	(POUND)
<b>BUSH AVE</b>										
NE QUADRANT	221	255	21	21	21	28	1	18	2	1
SE QUADRANT	97	100	27	25	25	11				
<b>SUBTOTAL</b>	<b>318</b>	<b>355</b>	<b>48</b>	<b>46</b>	<b>46</b>	<b>39</b>	<b>1</b>	<b>18</b>	<b>2</b>	<b>1</b>
<b>KING STREET</b>										
NE QUADRANT	121	167	22	22	22	19				
NW QUADRANT	126	183	19	24	24	20	1			
SE QUADRANT	162	196	24	23	23	22				
SW QUADRANT	152	197	22	24	24	22		21	2	1
<b>SUBTOTAL</b>	<b>561</b>	<b>743</b>	<b>87</b>	<b>93</b>	<b>93</b>	<b>83</b>	<b>1</b>	<b>21</b>	<b>2</b>	<b>1</b>
<b>TOTAL</b>	<b>879</b>	<b>1,098</b>	<b>135</b>	<b>139</b>	<b>139</b>	<b>122</b>	<b>2</b>	<b>39</b>	<b>4</b>	<b>2</b>

\* ALL GRADING NEEDED IS INCLUDED IN THE COST OF PCC 5" SIDEWALK

MODEL: SIDEWALK SCHEDULE (Sheet)  
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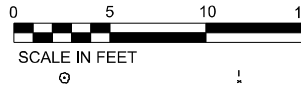
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	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 3/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK SCHEDULE**

SCALE: 1" = 30'      SHEET 22 OF 31 SHEETS      STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	22
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				



**LEGEND**



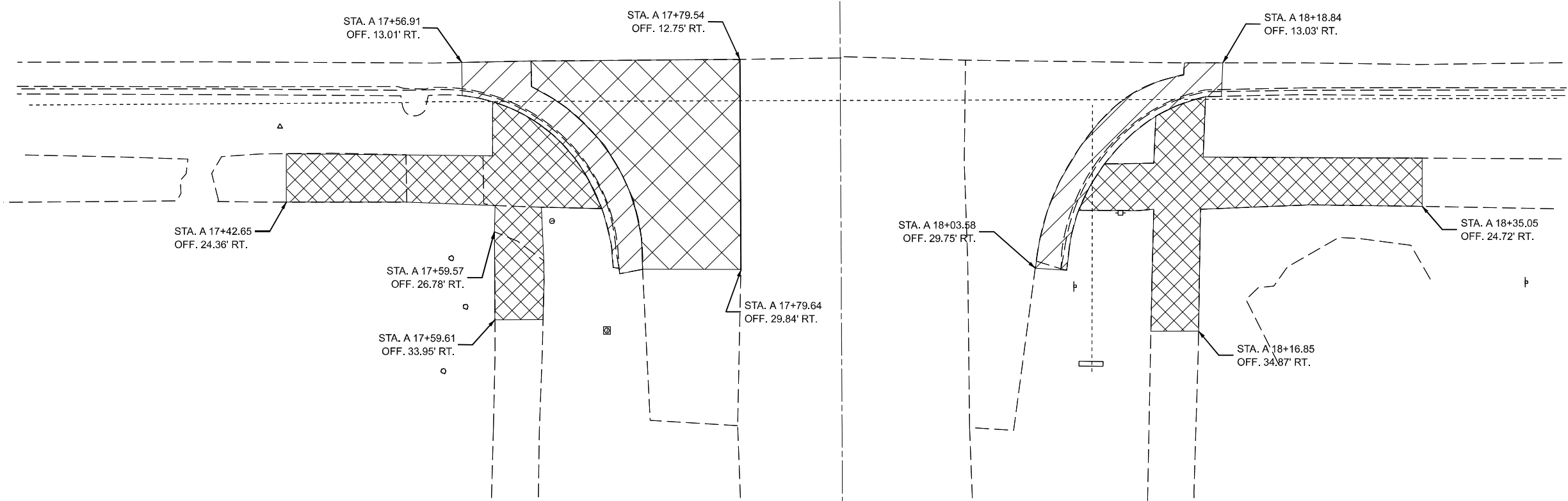
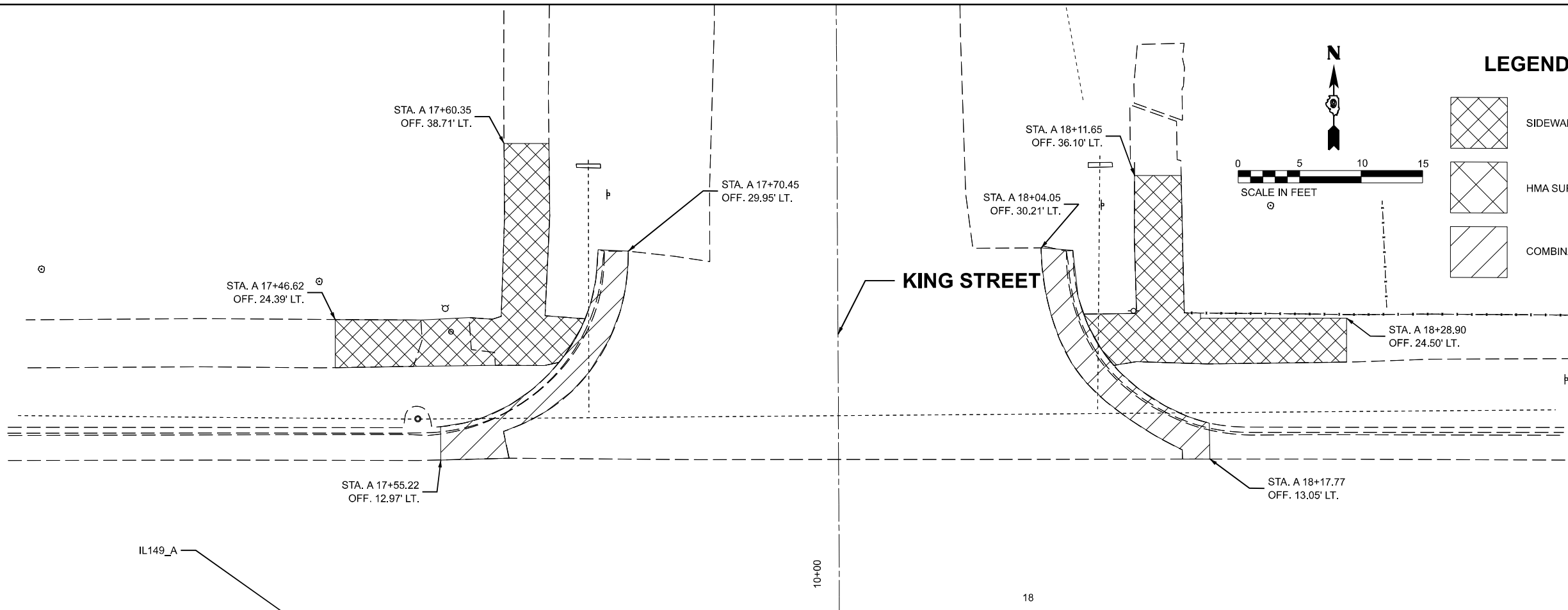
SIDEWALK REMOVAL



HMA SURFACE REMOVAL, VARIABLE DEPTH



COMBINATION CURB AND GUTTER REMOVAL



MODEL: IL149\_A - Removal Plan 1 (Sheet)  
FILE NAME: P:\GIS\Projects\78960\CADD\Drawings\DOT\Office\District 9\ORD\Projects\78960\CADD\Drawings\DOT\78960-SubH-Removal.dgn




USER NAME = Alicia.Fowler-Stevens	DESIGNED -	REVISED -
DRAWN -	REVISED -	
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PLOT DATE = 3/22/2023	DATE -	REVISED -

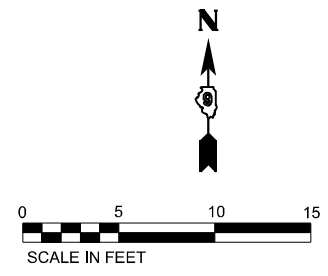
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK REMOVAL KING STREET**  
SCALE: 1"=5' SHEET 23 OF 31 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	23
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

**LEGEND**

-  SIDEWALK REMOVAL
-  HMA SURFACE REMOVAL, VARIABLE DEPTH
-  COMBINATION CURB AND GUTTER REMOVAL



STA. A 21+32.79  
OFF. 50.58' LT.

STA. A 21+26.74  
OFF. 28.39' LT.

STA. A 21+20.34  
OFF. 28.50' LT.

STA. A 21+29.55  
OFF. 25.83' LT.

STA. A 21+38.14  
OFF. 16.69' LT.

STA. A 21+40.22  
OFF. 16.11' LT.

STA. A 21+50.82  
OFF. 21.63' LT.

IL149\_A

21

10+00

2

**BUSH AVE.**

STA. A 21+28.17  
OFF. 26.51' RT.

STA. A 21+25.11  
OFF. 28.83' RT.

STA. A 21+33.27  
OFF. 26.50' RT.

STA. A 21+36.71  
OFF. 29.88' RT.

STA. A 21+38.46  
OFF. 16.16' RT.

STA. A 21+42.48  
OFF. 15.63' RT.

STA. A 21+43.67  
OFF. 22.80' RT.

MODEL: IL149\_A - Removal Plan - 2 (Sheet)  
 FILE NAME: P:\Public\Projects\2023\23-02\149\149-02\149-02-Removal.dgn

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

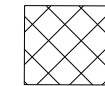
**SIDEWALK REMOVAL BUSH AVE.**

SCALE: 1"=5' SHEET 24 OF 31 SHEETS STA. TO STA.

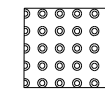
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	24
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				



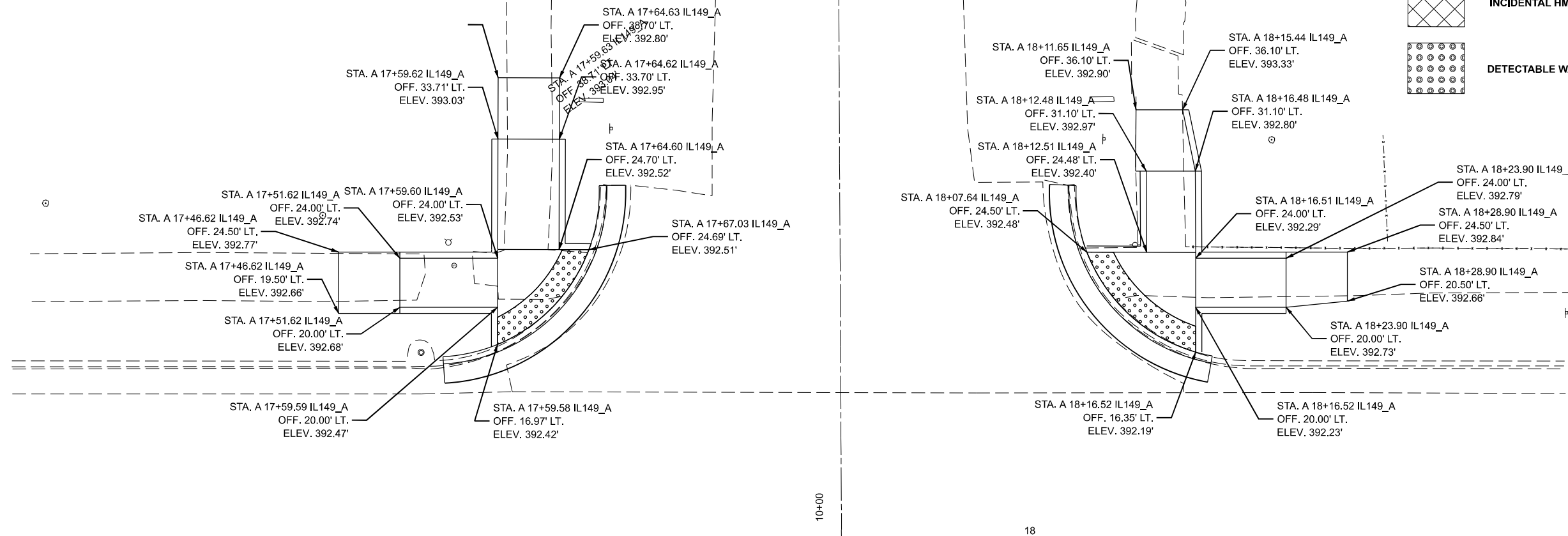
**LEGEND**



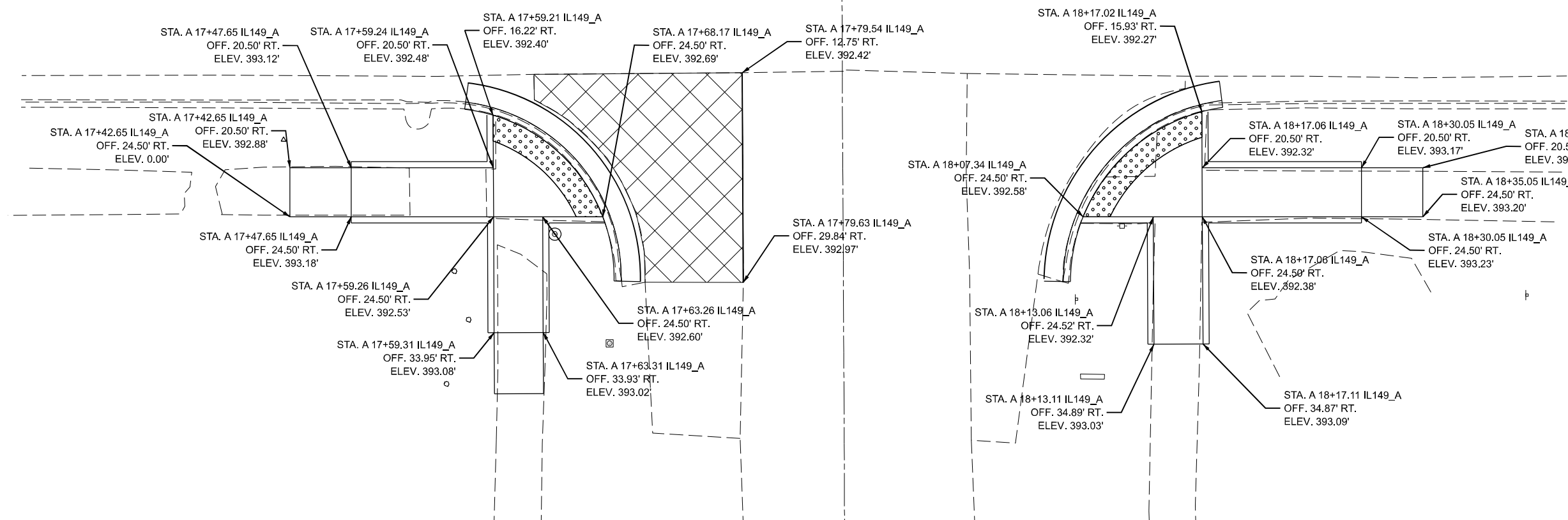
INCIDENTAL HMA SURFACING



DETECTABLE WARNINGS



**KING STREET**



MODEL: IL149\_A\_Construction\_Plan\_1.dwg  
 FILE NAME: P:\Bids\2023\11\11\DOT\Documents\DOT Office\District 9\ORD Project\78960\CADD\Drawings\DOT\98960-Sidewalk-Construction.dwg

USER NAME = Alicia.Fowler-Stevens	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/22/2023	DATE -	REVISED -

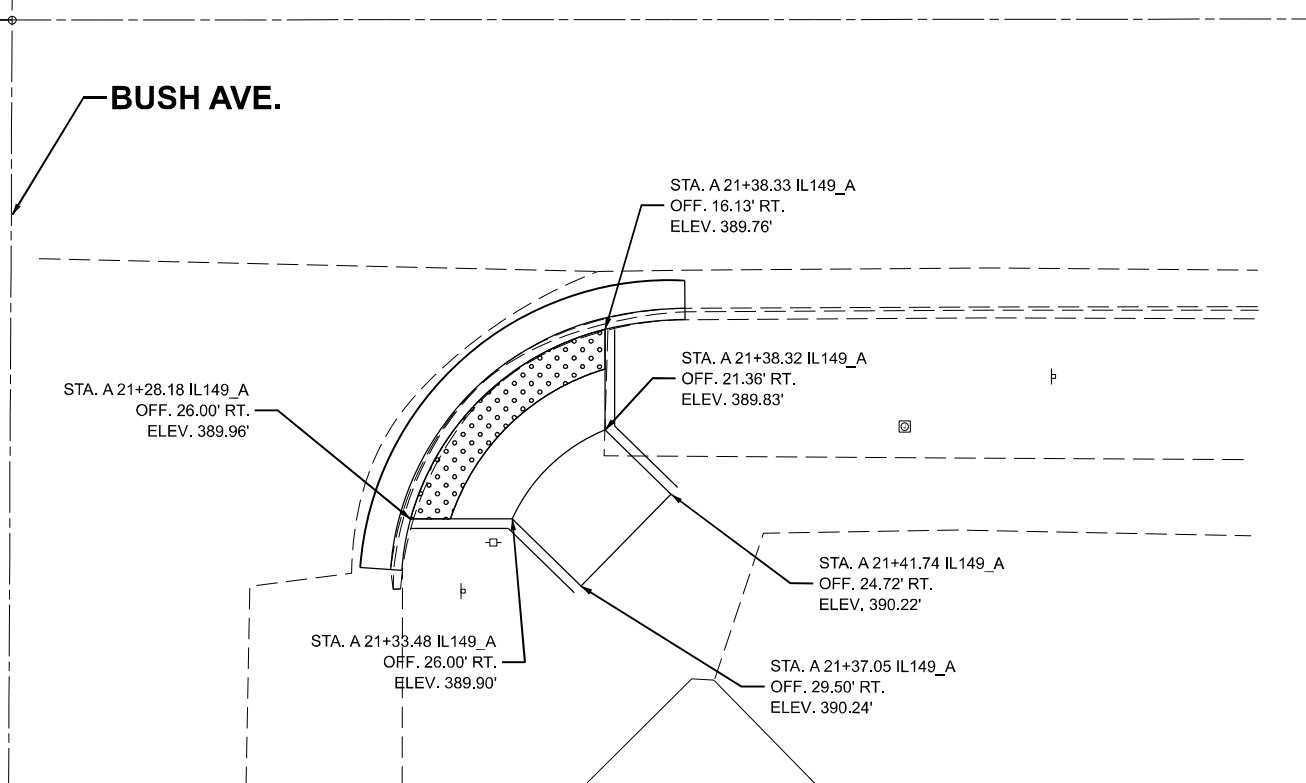
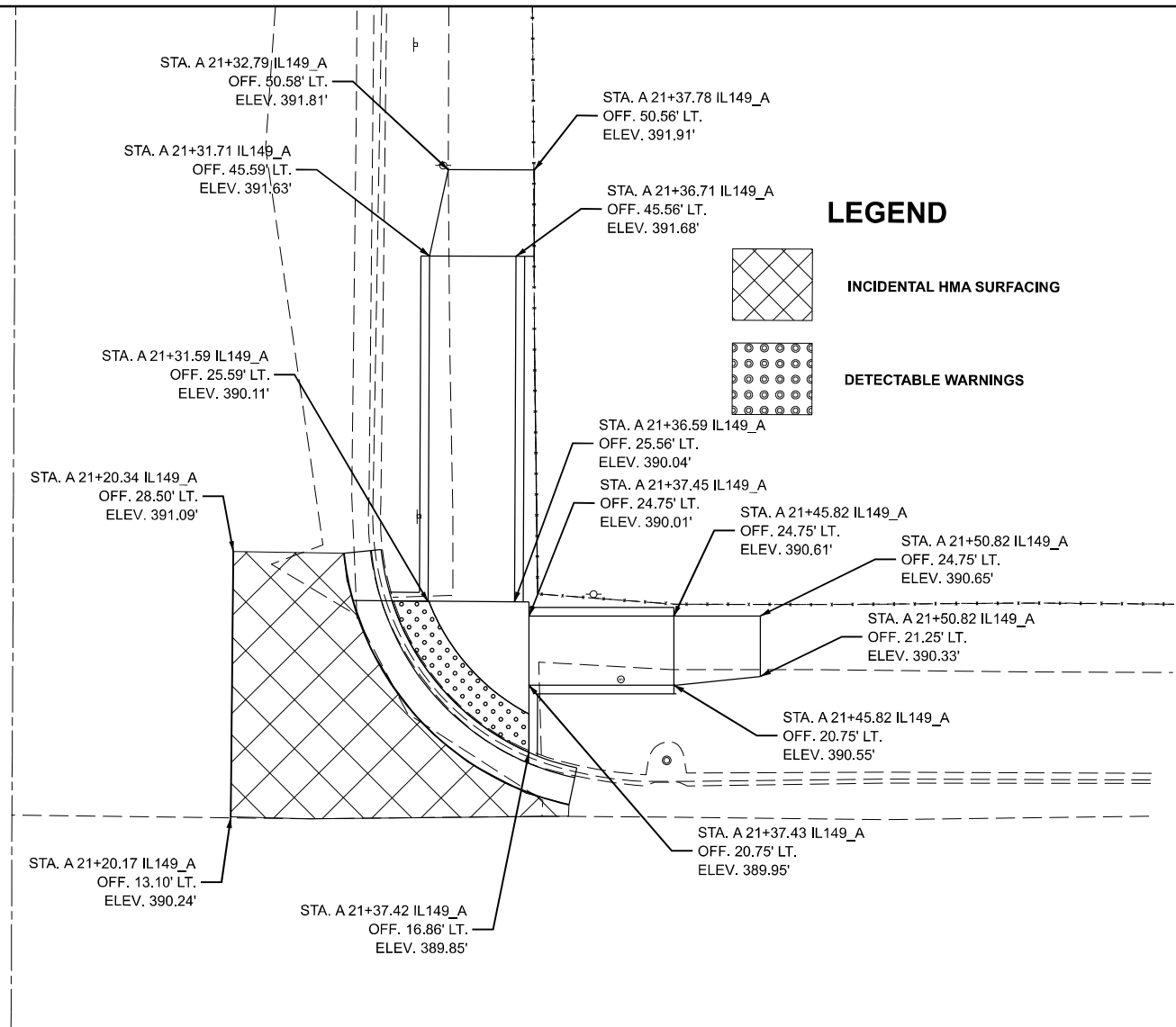
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK CONSTRUCTION KING STREET**

SCALE: 1"=5'      SHEET 25 OF 31 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	25
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

MODEL: IL149\_A\_Construction\_Plan\_2 (Sheet)  
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USER NAME = Alicia.Fowler-Stevens	DESIGNED -	REVISED -
DRAWN -	REVISED -	
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PLOT DATE = 3/22/2023	DATE -	REVISED -

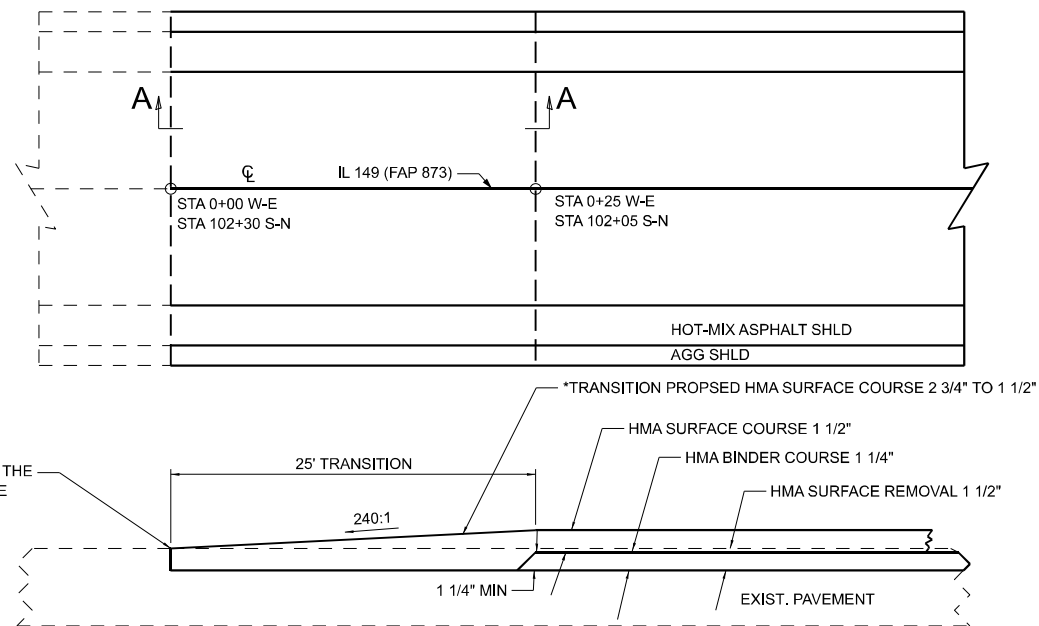
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SIDEWALK CONSTRUCTION BUSH AVE.**  
 SCALE: 1"=5'    SHEET 26 OF 31 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	26
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

# MAINLINE TRANSITIONS

## MAINLINE TRANSITION



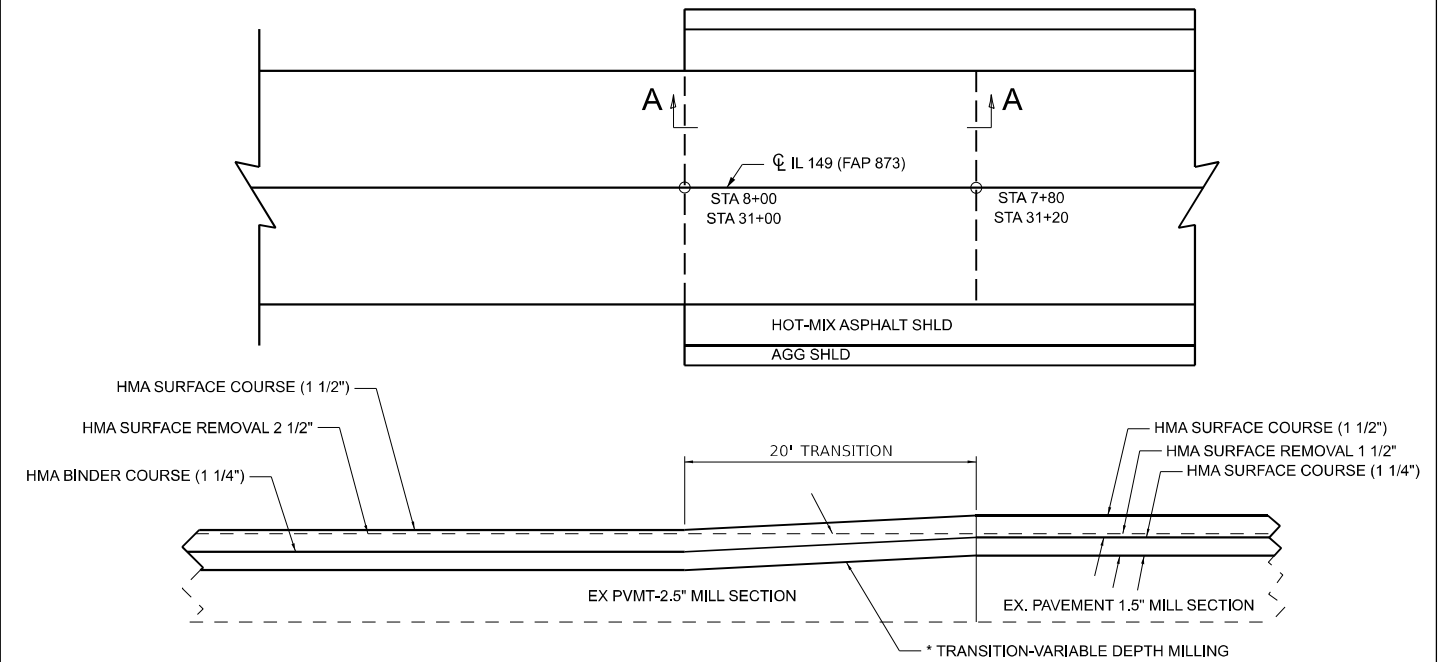
SECTION A-A

\*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"

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

STD. 9-14

## MILLING TRANSITION



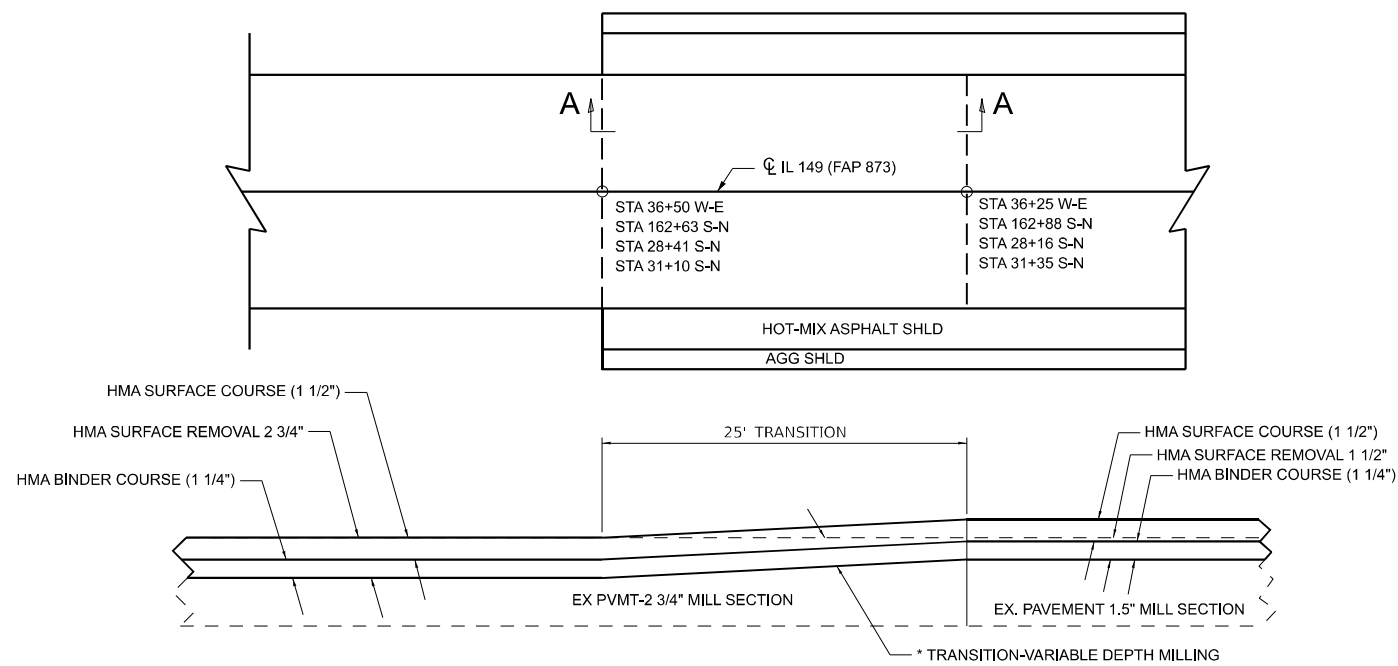
SECTION A-A

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

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

STD. 9-14

## MILLING TRANSITION



SECTION A-A

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

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

STD. 9-14

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HMA TRANSITIONS

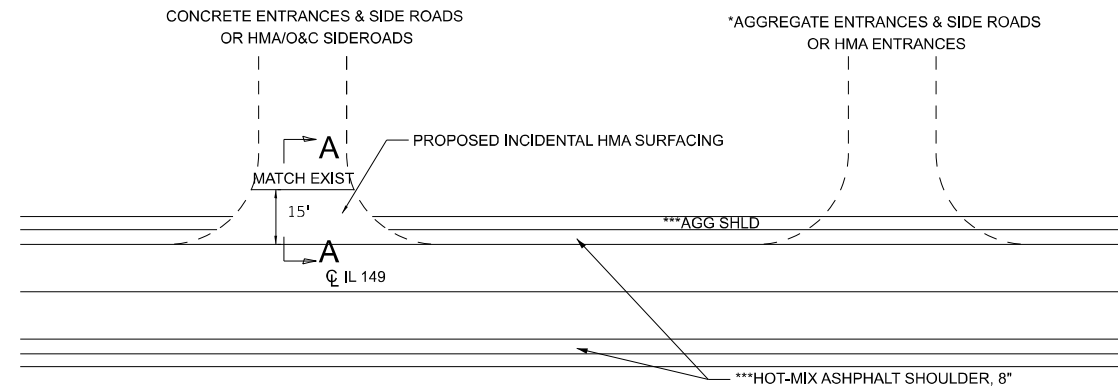
SCALING SCALE SHEET 27 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	27	27
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

MODEL: TRANSITIONS (Sheet)  
FILE NAME: p:\ilscpc\cambly.com\PM\DOT\Documents\DOT Office\District 9\ORD Project\78960\CAD\Drawings\78960-Sub-5-Details\Std.dgn

## SIDEROAD AND ENTRANCE DETAIL

IL 149 STA. 0+00 TO STA. 8+00 W-E  
 IL 149 STA. 31+00 TO STA. 37+69 W-E  
 IL 149 STA. 162+63 TO STA. 178+86 S-N  
 STA. EQ 163+71.7 BK = STA. 167+10.5 AH

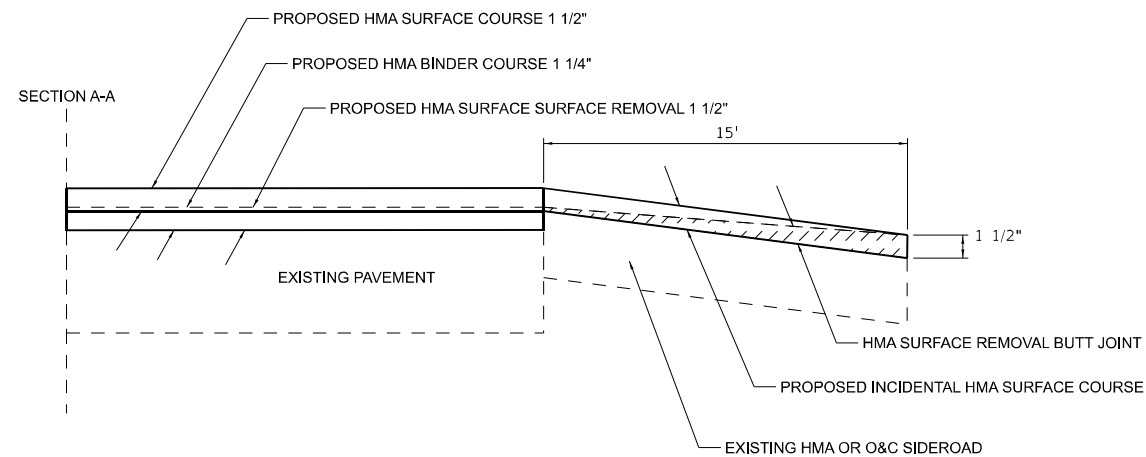


\*MODIFY HOT-MIX ASPHALT SHOULDERS, 8" TO EXISTING SLOPES ON PRIVATE AND COMMERCIAL ENTRANCES  
 \*\*15' FOR SIDEROAD, 4' FOR ENTRANCE  
 \*\*\* REFER TO SHOULDER SCHEDULE FOR EXACT STATIONS

### 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.

## 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.

MODEL: SIDEROAD AND ENTRANCE (Sheet)  
 FILE NAME: P:\Bids\2023\11\11\DOT\Documents\DOT Office\District 9\ORD Project\78960\CADD\Drawings\DOT\8960-Sub-Details\Sheet81.dgn

USER NAME = Alicia.Fowler-Stevens	DESIGNED -	REVISED -
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PLOT DATE = 3/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

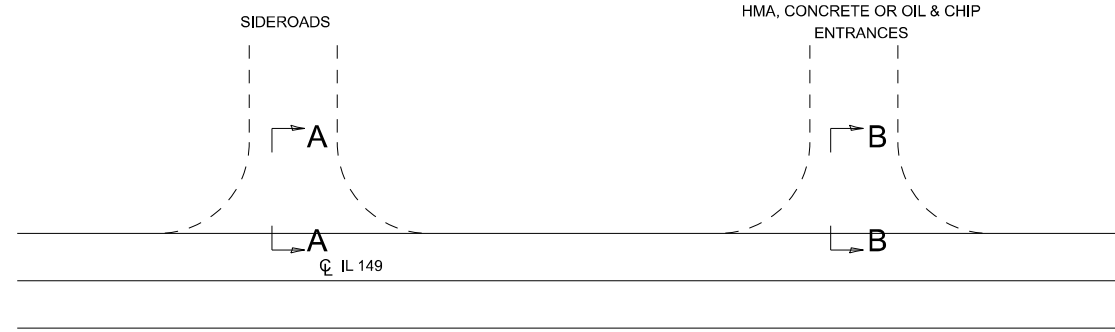
### SIDEROAD AND ENTRANCE DETAIL

SCALE: 1" = 10' SHEET 28 OF SHEETS STA. TO STA.

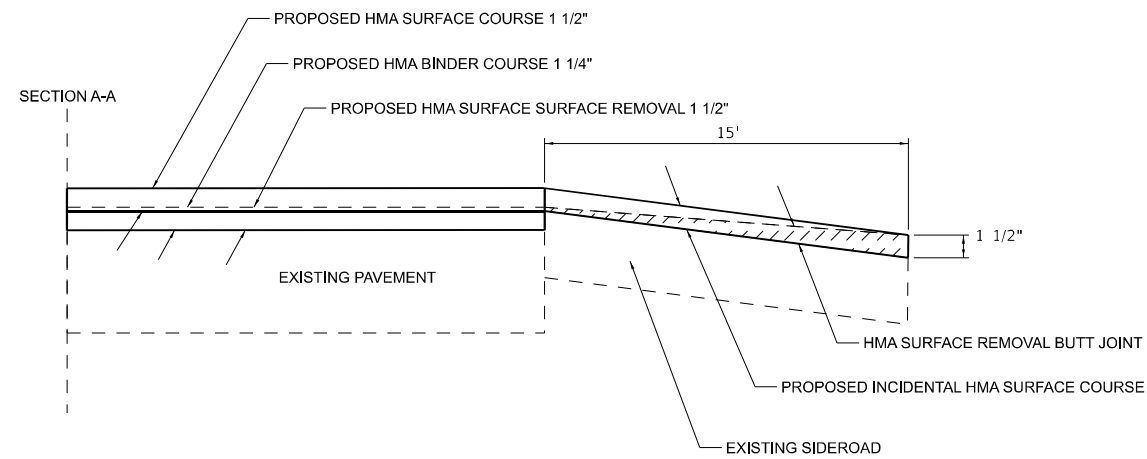
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	28
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

# SIDEROAD AND ENTRANCE DETAIL

IL 149 STA. 178+86 TO STA. 31+10 S-N  
 STA. EQ. 182+39.30 BK = STA. 0+00 AH

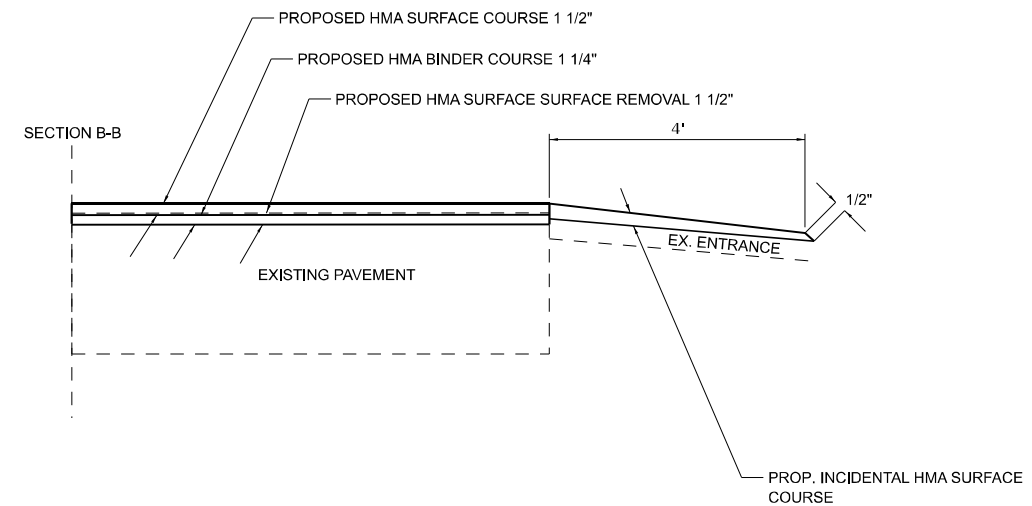


## HMA OR OIL & CHIP SIDEROADS WITH BUTT JOINT



- 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.

## 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.

MODEL: SIDEROAD AND ENTRANCE 2 (18x11).dgn  
 FILE NAME: P:\Bids\2023\2023-24\DOT\Documents\DOT Office\District 9\ORD Project\78960\CADD\Drawings\DOT\8960-Sub-Details\8960-Sub-Details.dgn

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

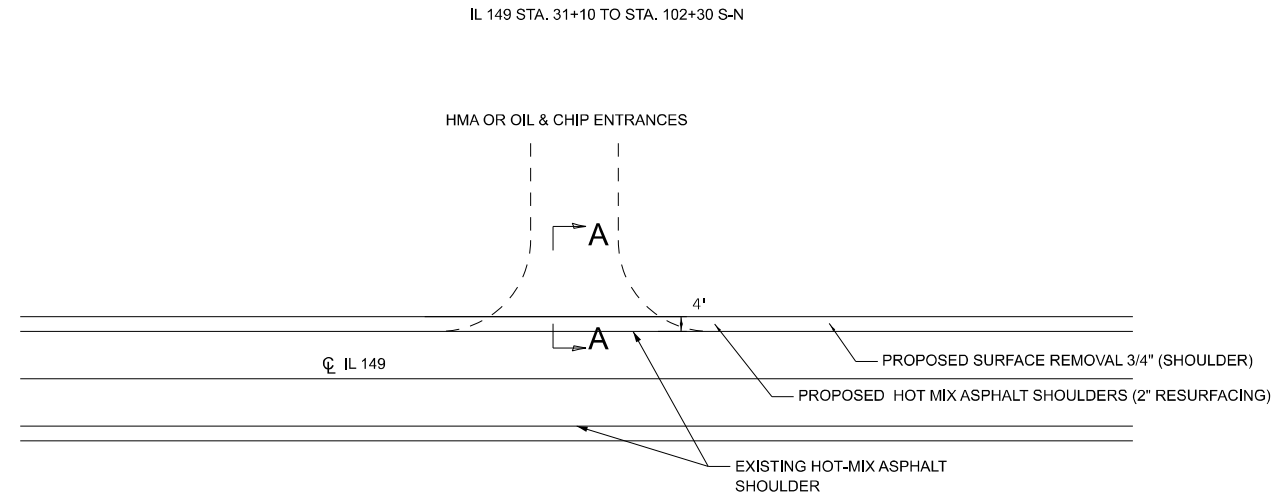
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

### SIDEROAD AND ENTRANCE DETAIL

SCALE: NO SCALE SHEET 29 OF 31 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	29
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

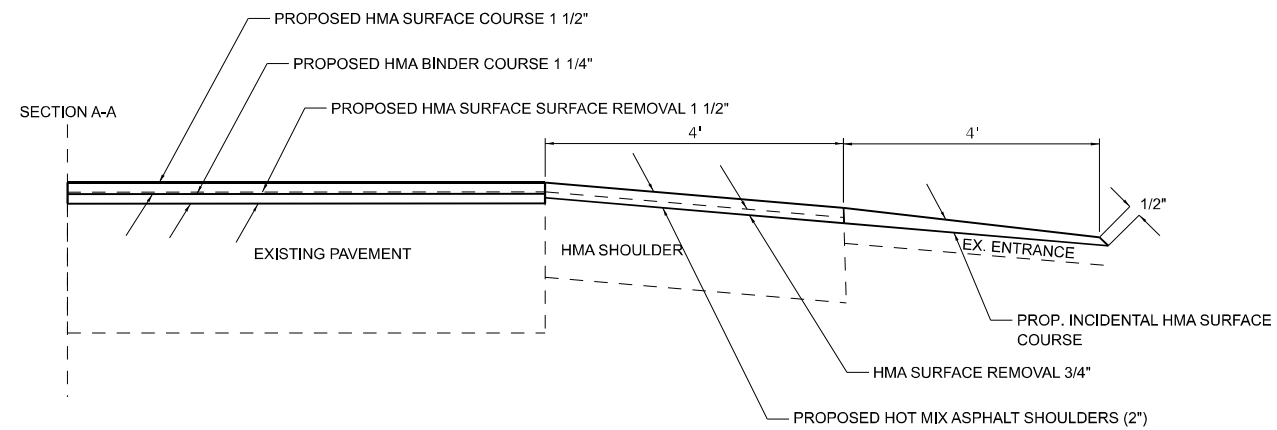
# SIDEROAD AND ENTRANCE DETAIL



### 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.

## 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.

MODEL: SIDEROAD AND ENTRANCE 1 (18-in) FILE NAME: P:\Bids\2023\11\11\DOT Documents\DOT Office\District 9\ORD Project\78960\CADD\Drawings\DOT\8960-Sub-Details\Sub.dgn

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

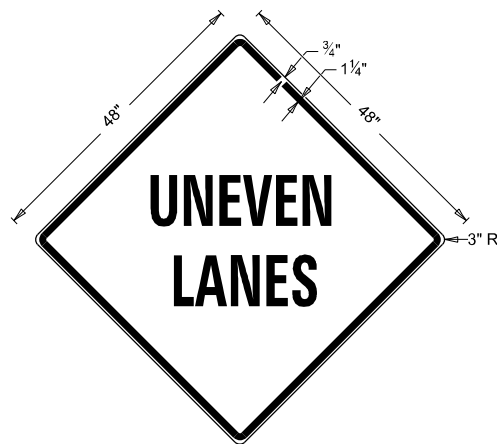
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

### SIDEROAD AND ENTRANCE DETAIL

SCALE: 1/4" = 1'-0" SHEET 30 OF 31 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	30
CONTRACT NO. 78960				
ILLINOIS FED. AID PROJECT				

### 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.

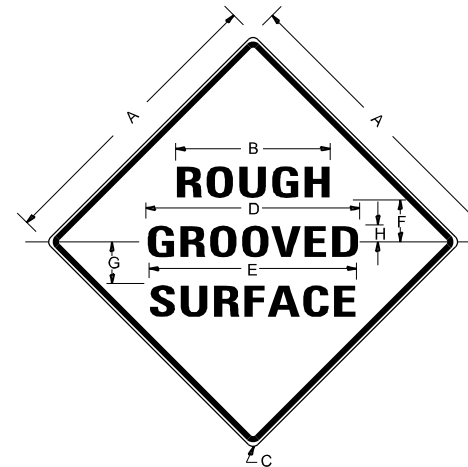
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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.

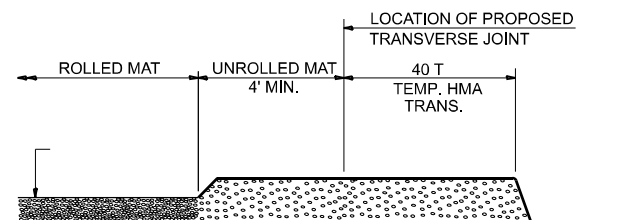
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

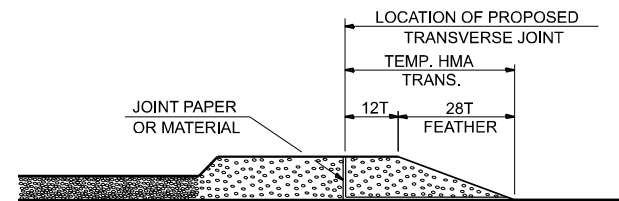
STD. 9-23

### TEMPORARY HOT-MIX ASPHALT TRANSITIONS



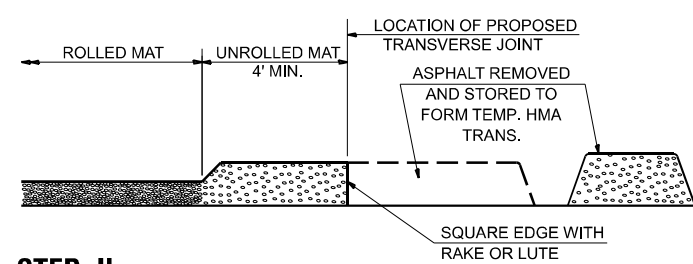
#### STEP I

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.



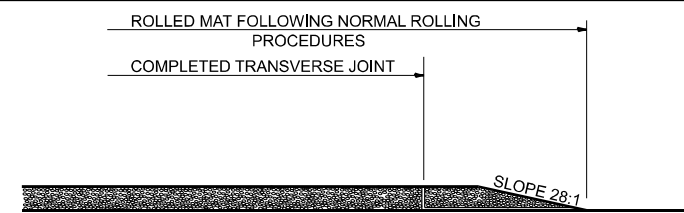
#### STEP III

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: 1/8" = 1'-0" SHEET 31 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(1R,20,23,26)RS-2	WILLIAMSON	31	31

CONTRACT NO. 78960

ILLINOIS FED. AID PROJECT