

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	131,132,102,101 RS-8	VARIOUS	37	1
ILLINOIS			CONTRACT NO. 78A02	

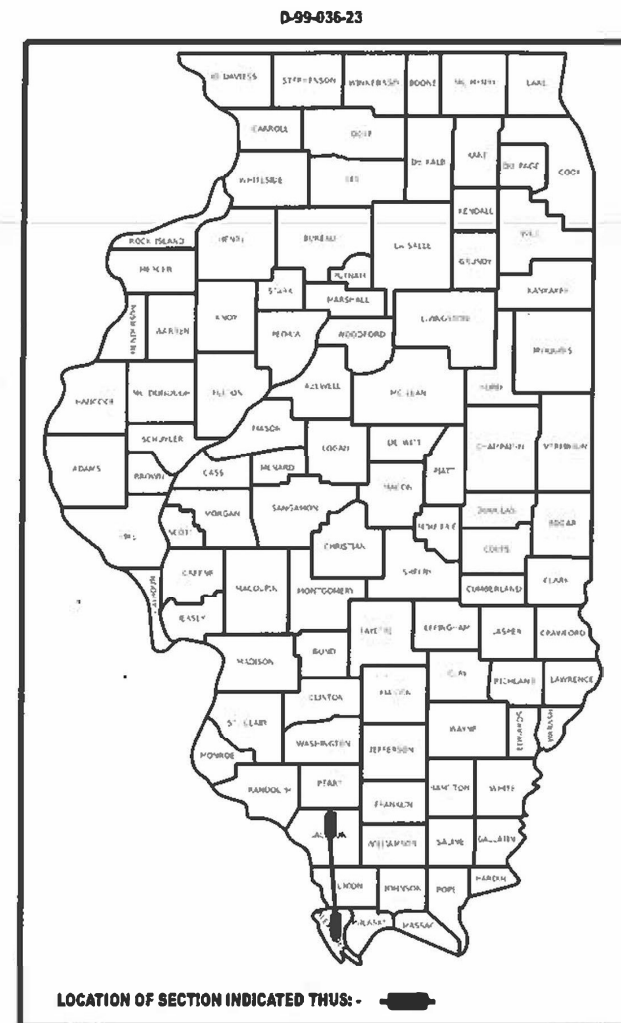
FOR INDEX OF SHEETS, SEE SHEET NO. 3  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-7

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 312 (IL 3)  
SECTION (131,132,102,101) RS-8  
PROJECT: NHPP-HSIP-DWM2(086)  
RESURFACING AND SAFETY SHOULDERS  
ALEXANDER, JACKSON & UNION  
COUNTIES

C-99-052-23

**TRAFFIC DATA  
2021 ADT: 5100**



**TOWNSHIPS  
GRAND TOWER, OAK RIDGE,  
WOLF LAKE,  
REYNOLDS,  
AND McCLURE**

**BRIDGE OMISSIONS:  
SN: 091-0069- 679+50 - 677+91  
SN: 091-0074- 657+00 - 656+25**

DESIGN DESIGNATION : N/A

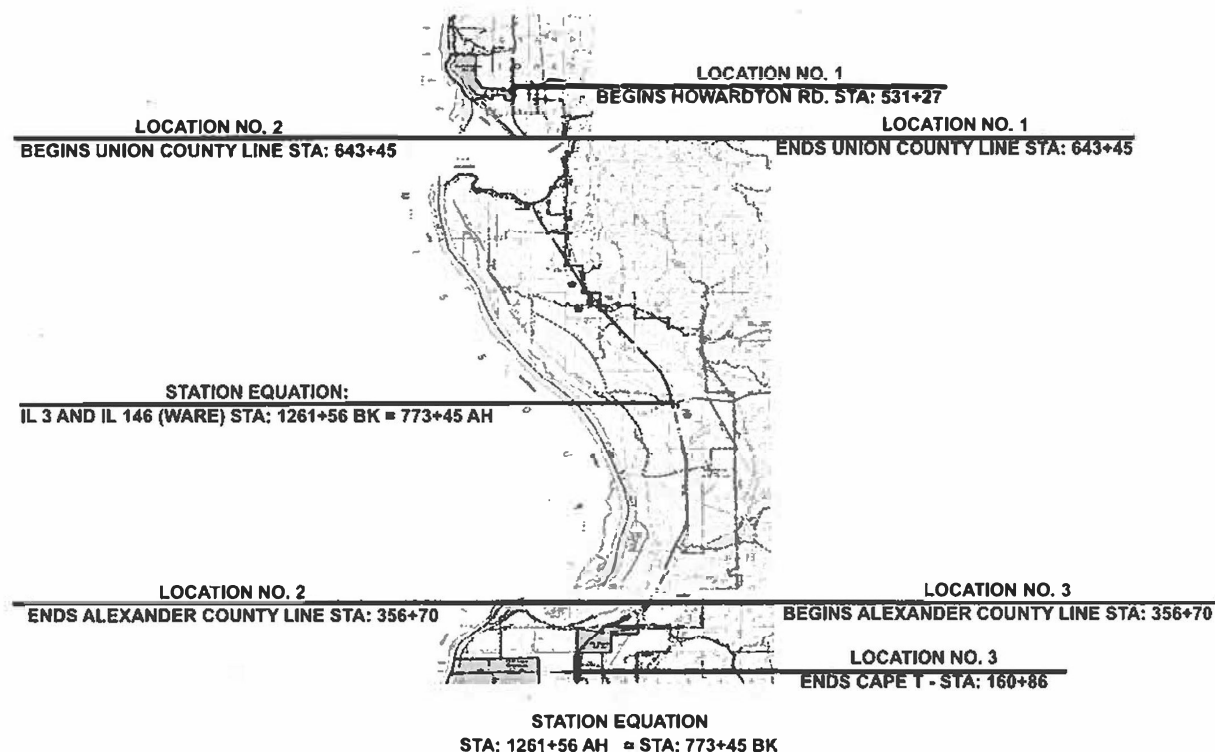
COORDINATE SYSTEM : N/A

POSTED SPEED : 35-55 MPH

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

PROJECT ENGINEER: SEAN GREENLEE  
PROJECT DESIGNER: JAXON HORN

CONTRACT NO. 78A02



GROSS LENGTH = 134,290.00 FT. = 25.39 MILES  
NET LENGTH = 132,323 FT. = 25.06 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Aug 25 20 23

Rick H. Brown  
REGION FIVE ENGINEER

October 13, 2023  
Scott A. Etk  
ENGINEER OF DESIGN AND ENVIRONMENT

October 13, 2023  
Stephen McFarland  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**



# INDEX OF SHEETS

- 1 Cover
- 2 Signature Sheet
- 3 Index, General Notes, Standards, Mix Design
- 4 -7 Summary of Quantities
- 8 -19 Typical
- 20 -27 Schedules
- 28 -37 Detail Sheets

## HIGHWAY STANDARDS

- 000001-08 Standard Symbols, Abbreviations and Patterns
- 001006\_ Decimal of Inch Foot
- 420001-10 PAVEMENT JOINTS
- 442201-03 Class C and D Patches
- 482011-03 HMA Shoulder Strips W/ Resurfacing for widening
- 631066 Traffic Barrier Terminal, Type 14
- 630001-12 Steel Beam Guardrail
- 630201-07 PCC/HMA Stabilization Steel Plate Beam Guardrail
- 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631033-09 TRAFFIC BARRIER TERMINAL, TYPE 6B
- 642006-01 Shoulder Rumble Strips, 8in
- 701001-02 Off-Road Operations, 2L, 2W, More than 15' (4.5mm) Away
- 701006-05 Off-Road Operations, 2L, 2W, 15' (4.5mm) to 24" (600 mm) from Pavement Edge
- 701301-04 Lane Closure, 2L, 2W, Short Time Operations
- 701306-04 Lane Closure, 2L, 2W, Slow Moving Operations Day Only, for Speeds > 45 MPH
- 701311-03 Lane Closure, 2L, 2W, Moving Operations- Day Only
- 701316-13 Lane Closure, 2L, 2W, Bridge Repair for Speeds > 45 MPH
- 701326-04 Lane Closure, 2L, 2W, Pavement Widening, for Speeds > 45 MPH
- 701336-07 Lane Closure, 2L, 2W, Work Areas in Series, for Speeds > 45 MPH
- 701501-06 Urban Lane Closure, 2L, 2W, Undivided
- 701701-10 Urban Lane Closure, Multilane Intersection
- 701901-08 Traffic Control Devices
- 725001-01 Object and Terminal Markers
- 780001-05 Typical Pavement Markings
- 781001-04 Typical Applications Raised Reflective Pavement Markers
- 782006-01 Guardrail and Barrier Wall Reflector Mounting Details

## GENERAL NOTES

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

ALL HOT MIX ASPHALT 2.016 TONS/CU. YD.  
 ALL AGGREGATE 2.05 TONS/CU. YD.

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

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

EDGE LINE PAVEMENT MARKING SHALL BE REMOVED IF A 10 FT LANE WIDTH CANNOT BE MAINTAINED. TEMPORARY EDGE LINES SHALL BE INSTALLED WHEN THE EDGE LINES ARE REMOVED.

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

COMMITMENTS: NONE

## MTD CROSSING RESTRICTIONS TABLE

SN ROUTE (IL 3)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MAXIMUM GROSS WEIGHT RESTRICTIONS	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	TONS	
SN 002-7026	NA	NA	40	EMPTY
SN 002-7027	NA	NA	40	EMPTY
SN 039-7001	NA	NA	40	EMPTY
SN 091-0031	NA	NA	40	EMPTY
SN 091-0032	NA	NA	40	EMPTY
SN 091-0069	NA	NA	40	EMPTY
SN 091-0074	NA	NA	40	EMPTY
SN 091-7000	NA	NA	40	EMPTY
SN 091-7001	NA	NA	40	EMPTY
SN 091-7002	NA	NA	40	EMPTY
SN 091-7003	NA	NA	40	EMPTY

## HMA MIXTURE REQUIREMENTS TABLES

Locations	Hot-Mix Asphalt Surface Course (mainline)
Mixture Use(s)	Hot-Mix Asphalt Surface Course, Mix D, N70
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	Surface D
Mixture Weight:	112 lbs/sq yd/in
Quality Management	PPF
Program:	
Sublot Size:	1,000 tons
Material Transfer Device	Yes, as per Special Provision 80045

Locations	Hot-Mix Asphalt Binder Course (1 1/2" mainline)
Mixture Use(s)	Hot-Mix Asphalt Binder Course, IL-9.5FG, N70
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5FG mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/sq yd/in
Quality Management	PPF
Program:	
Sublot Size:	1,000 tons
Material Transfer Device	Yes, as per Special Provision 80045

Locations	Hot-Mix Asphalt Binder Course (2 1/2" mainline)
Mixture Use(s)	Hot-Mix Asphalt Binder Course, IL-19.0, N70
PG:	PG64-22
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	QCP
Program:	
Sublot Size:	1,000 tons
Material Transfer Device	Yes, as per Special Provision 80045

Locations	Hot-Mix Asphalt Shoulders (top lift)
Mixture Use(s)	Hot-Mix Asphalt Surface Course, Mix C, N30
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5L mm
Friction Aggregate:	Surface C
Mixture Weight:	112 lbs/sq yd/in
Quality Management	QC/QA
Program:	
Sublot Size:	3,000 tons
Material Transfer Device	No

Locations	Hot-Mix Asphalt Binder (lower lifts)
Mixture Use(s)	Hot-Mix Asphalt Binder 19.0 N30
PG:	PG64-22
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0L mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/sq yd/in
Quality Management	QC/QA
Program:	
Sublot Size:	3,000 tons
Material Transfer Device	No

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, MTD REQUIREMENTS, MIX DESIGN, STANDARDS  
GEN NOTES

SCALE: SHEET 3 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-6	VARIOUS	37	3
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

COUNTY:	JACKSON CO	JACKSON CO	UNION CO	UNION CO	ALEXANDER CO
ROUTE:	FAP 312	FAP 312	FAP 312	FAP 312	FAP 312
FUNDING:					
LOCATION:	RURAL	RURAL	RURAL	RURAL	RURAL
TOTAL QUANTITY	ROADWAY 0005	SAFETY 0021	ROADWAY 0005	SAFETY 0021	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	SAFETY 0021	ROADWAY 0005	SAFETY 0021	ROADWAY 0005
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	1,426		190		1,236	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	341,728	20,195	10,384	185,620	84,274	41,255
40600370	LONGITUDINAL JOINT SEALANT	FOOT	133,321	11,219		103,352		18,750
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	3,037	264		2,287		486
40600990	TEMPORARY RAMP	SQ YD	84	28		28		28
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	21,065	1,780		19,285		
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	6,332			6		6,326
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	29,987	2,528		23,234		4,225
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	421	65		221		135
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	1,338			1,338		
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	108,810	3,152		39,136		66,522
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	302,266	29,852		272,414		
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	779			779		
44000400	GUTTER REMOVAL	FOOT	568			568		

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 4 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-B	VARIOUS	37	4
CONTRACT NO. 78A02				
ILLINOIS   FED. AID PROJECT				

# SUMMARY OF QUANTITIES - CONT

			COUNTY:	JACKSON CO	JACKSON CO	UNION CO	UNION CO	ALEXANDER CO
			ROUTE:	FAP 312	FAP 312	FAP 312	FAP 312	FAP 312
			FUNDING:					
			LOCATION:	RURAL	RURAL	RURAL	RURAL	RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	SAFETY 0021	ROADWAY 0005	SAFETY 0021	ROADWAY 0005
44201411	CLASS C PATCHES, TYPE I, 15 INCH	SQ YD	897	299		299		299
44201415	CLASS C PATCHES, TYPE II, 15 INCH	SQ YD	4,651	1,550		1,551		1,550
44201419	CLASS C PATCHES, TYPE III, 15 INCH	SQ YD	945	315		315		315
44201421	CLASS C PATCHES, TYPE IV, 15 INCH	SQ YD	1,125	375		375		375
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	5,872	406		4,454		1,012
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	62,809		8,384		54,425	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	8,874	400		4,950		3,524
50102400	CONCRETE REMOVAL	CU YD	34			34		
50900207	STEEL RAILING, TYPE CO-10	FOOT	106			106		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2,030			2,030		
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	12			12		
* 63100119	TRAFFIC BARRIER TERMINAL, TYPE 14	EACH	4			4		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	16			16		
63200310	GUARDRAIL REMOVAL	FOOT	1,860			1,860		

\* SPECIALTY ITEM

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	5
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	COUNTY:	JACKSON CO	JACKSON CO	UNION CO	UNION CO	ALEXANDER CO
			ROUTE:	FAP 312	FAP 312	FAP 312	FAP 312	FAP 312
			FUNDING:					
			LOCATION:	RURAL	RURAL	RURAL	RURAL	RURAL
TOTAL QUANTITY	ROADWAY 0005	SAFETY 0021	ROADWAY 0005	SAFETY 0021	ROADWAY 0005			
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	266,410		22,408		206,502	37,500
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	4.8	4.8	4.8	4.8	4.8
67100100	MOBILIZATION	L SUM	1	0.20	0.20	0.20	0.20	0.20
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1	0.20	0.20	0.20	0.20	0.20
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.20	0.20	0.20	0.20	0.20
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.20	0.20	0.20	0.20	0.20
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.20	0.20	0.20	0.20	0.20
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.20	0.20	0.20	0.20	0.20
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.20	0.20	0.20	0.20	0.20
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	4			4		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	9.3		9.4		9.3
70300100	SHORT TERM PAVEMENT MARKING	FOOT	40,326	3,372		25,257		11,697
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	13,442	1,124		8,419		3,899
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	304,307	25,209		191,413		87,685
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	16			16		

\* SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 6 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-B	VARIOUS	37	6
CONTRACT NO. 78A02				
ILLINOIS   FED. AID PROJECT				

# SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:		UNION CO		ALEXANDER CO	
				JACKSON CO	JACKSON CO	UNION CO	UNION CO	ALEXANDER CO	ALEXANDER CO
				ROUTE:	ROUTE:	ROUTE:	ROUTE:	ROUTE:	ROUTE:
				FAP 312	FAP 312	FAP 312	FAP 312	FAP 312	FAP 312
				FUNDING:	FUNDING:	FUNDING:	FUNDING:	FUNDING:	FUNDING:
				LOCATION:	LOCATION:	LOCATION:	LOCATION:	LOCATION:	LOCATION:
				RURAL	RURAL	RURAL	RURAL	RURAL	RURAL
				ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0021	0005	0021	0005	0005
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	304,307	25,209		191,413			87,685
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,679	142		1,063			474
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	64			64			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,679	142		1,063			474
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	86,920	8,404		63,825			14,691
X0326697	CENTER LINE - RUMBLE STRIP - 8"	FOOT	28,987	1,401		10,483			17,103
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	629	67		415			147
20034105	MATERIAL TRANSFER DEVICE	TON	58,130	4,635		42,416			11,079
Z0041895	POLYMER CONCRETE	CU FT	15			15			

\* SPECIALTY ITEM

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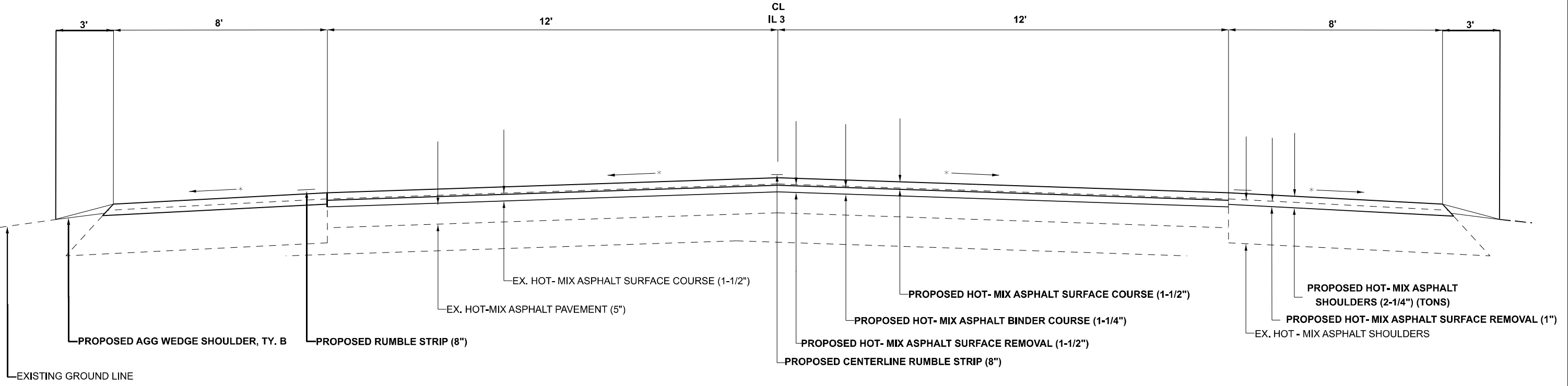
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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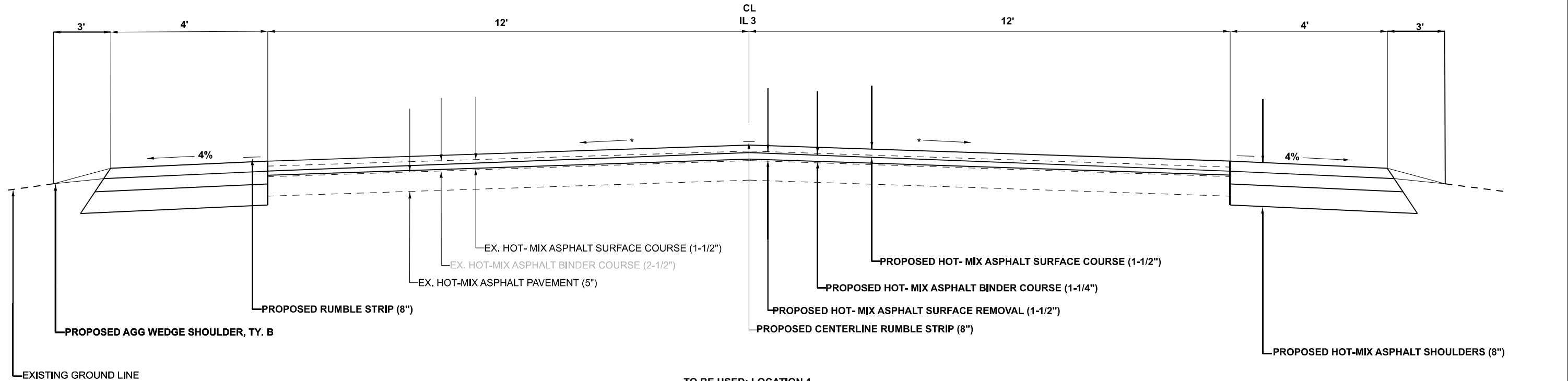
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ILLINOIS FED. AID PROJECT				



**TO BE USED: LOCATION 1**  
 STA: 531+27 TO STA: 549+00

**NOTES:** \* MATCH EXISTING PAVEMENT CROSS SLOPE  
 TYPICALS NOT TO SCALE

**SHOULDER LAYERS FOR PROPOSED 8" SHOULDERS**  
 SURFACE - 1-3/4"  
 MIDDLE - 2-1/4"  
 BOTTOM - 4"



**TO BE USED: LOCATION 1**  
 STA: 549+15 TO STA: 643+45

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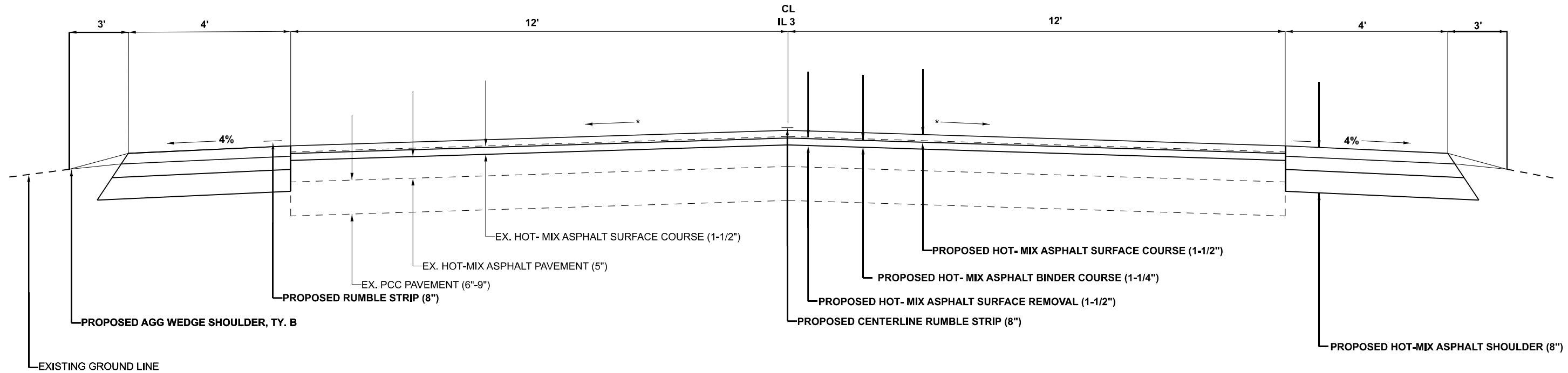
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**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION**

SCALE: SHEET 8 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT				

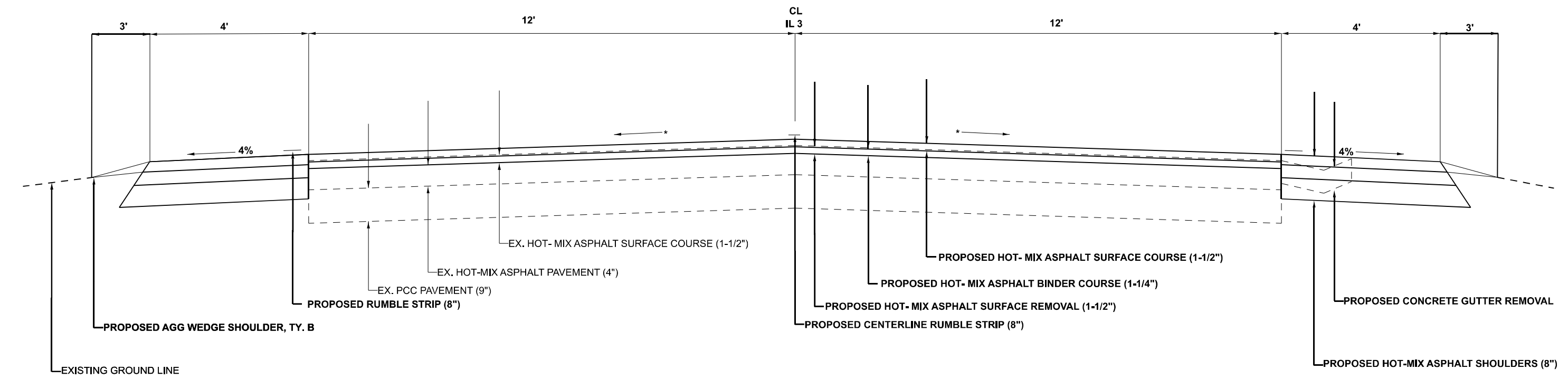




**TO BE USED: LOCATION 2**  
 STA: 643+45 TO STA: 784+78  
 STA: 789+30 TO STA: 796+75

NOTES: \* MATCH EXISTING PAVEMENT CROSS SLOPE  
 TYPICALS NOT TO SCALE

**SHOULDER LAYERS FOR PROPOSED 8" SHOULDERS**  
 SURFACE - 1-3/4"  
 MIDDLE - 2-1/4"  
 BOTTOM - 4"



**TO BE USED: LOCATION 2**  
 STA: 796+75 TO STA: 802+43

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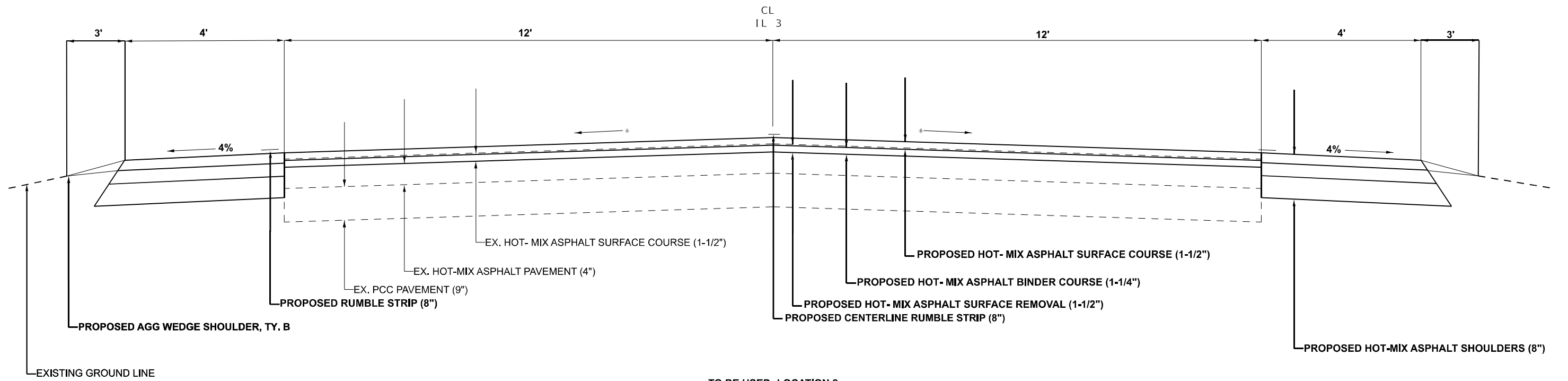
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION**

SCALE: SHEET 9 OF 37 SHEETS STA. TO STA.

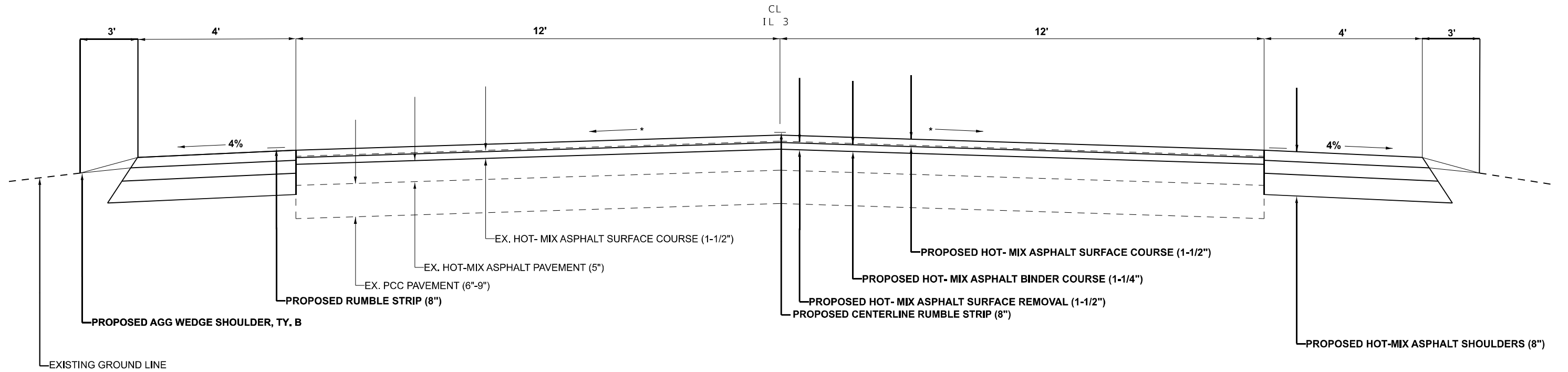
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	9
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				



**TO BE USED: LOCATION 2**  
 STA: 802+43 TO STA: 807+46.66

**NOTES:** \* MATCH EXISTING PAVEMENT CROSS SLOPE  
 TYPICALS NOT TO SCALE

**SHOULDER LAYERS FOR PROPOSED 8" SHOULDERS**  
 SURFACE - 1-3/4"  
 MIDDLE - 2-1/4"  
 BOTTOM - 4"



**TO BE USED: LOCATION 2**  
 STA: 807+46.66 TO STA: 873+50

MODEL: \\p10113\1\sheet1  
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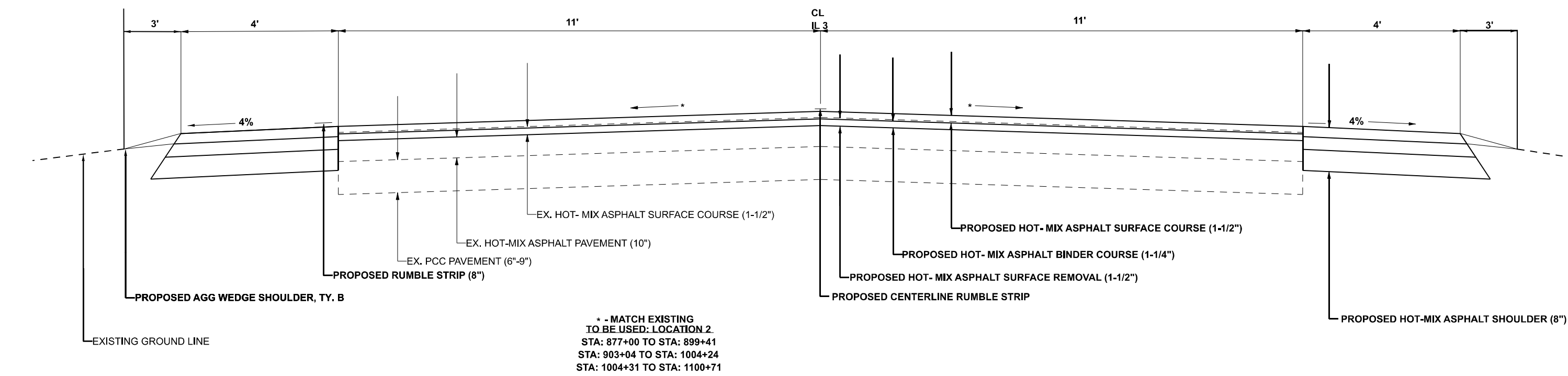
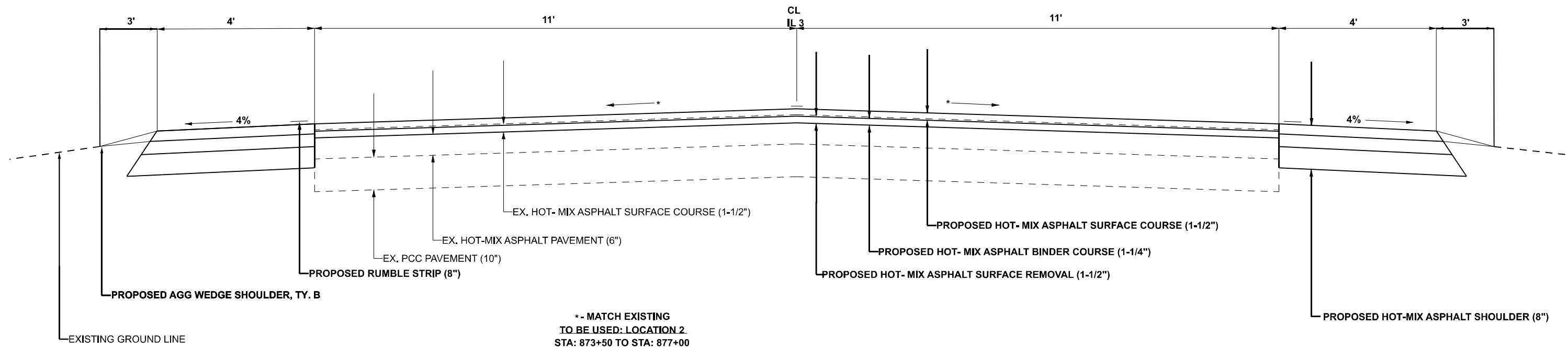
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	DATE -	REVISED -

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

**TYPICAL SECTION**

SCALE: SHEET 10 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	10
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				



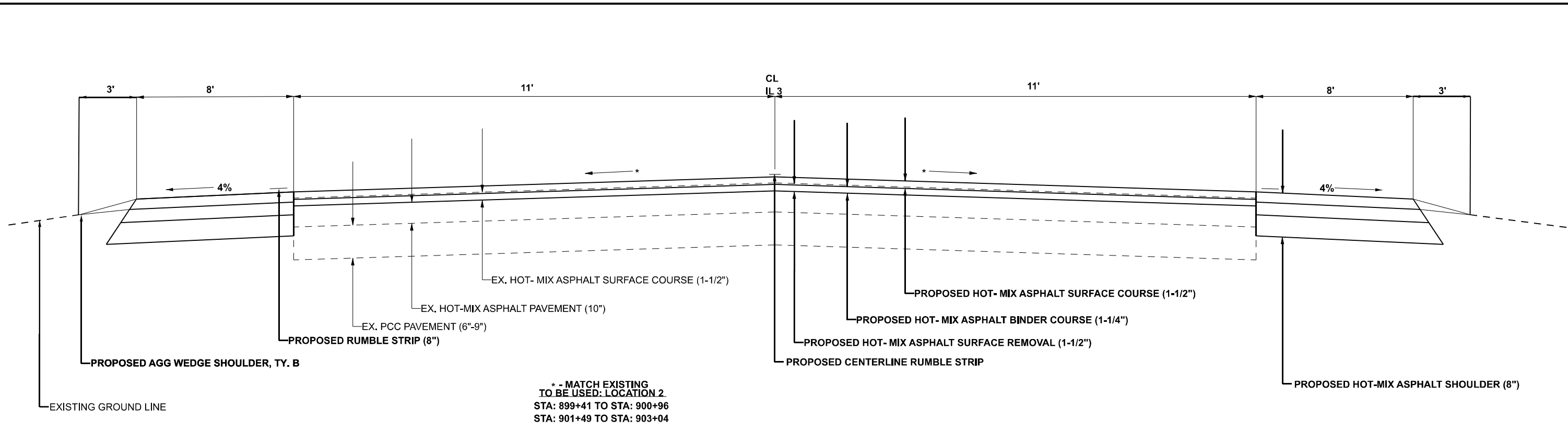
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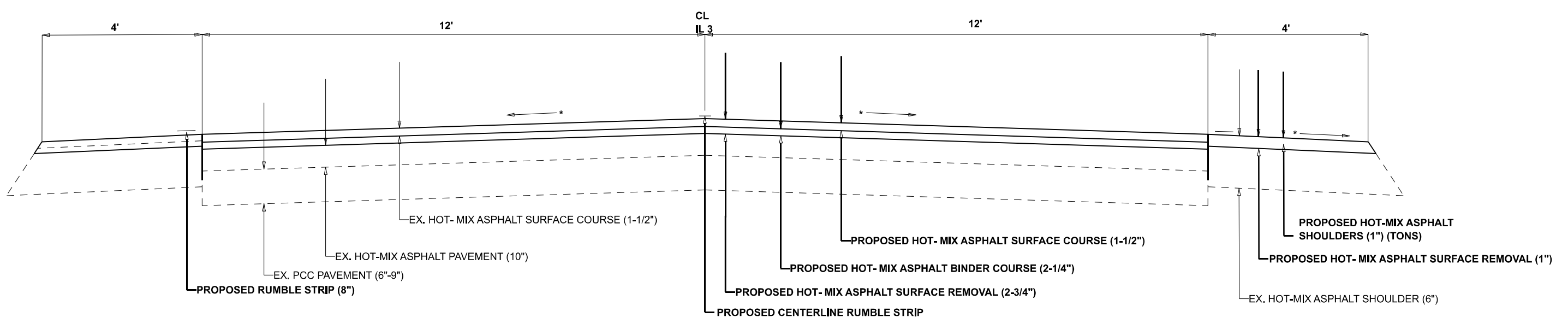
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION**  
 SCALE: SHEET 11 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	11
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				



\* - MATCH EXISTING  
TO BE USED: LOCATION 2  
STA: 899+41 TO STA: 900+96  
STA: 901+49 TO STA: 903+04



\* - MATCH EXISTING  
TO BE USED: LOCATION 2  
STA: 1259+83 TO STA: 160+08  
STA: 1260+08 TO STA: 1261+55 BK  
STA: 773+78 AH TO STA: 772+00  
STA: 772+00 TO STA: 771+75

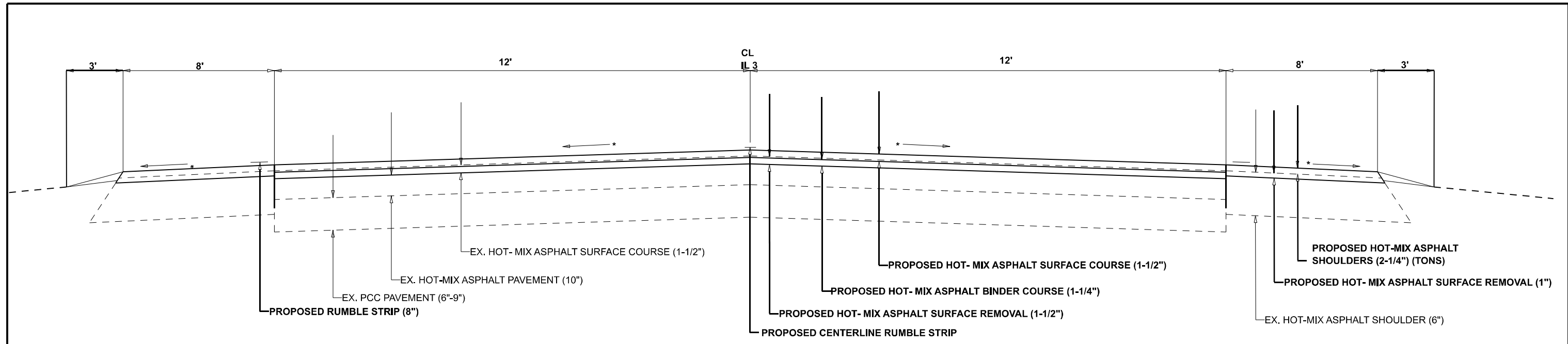
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PLOT DATE = 9/11/2023	CHECKED -	REVISED -
	DATE -	REVISED -

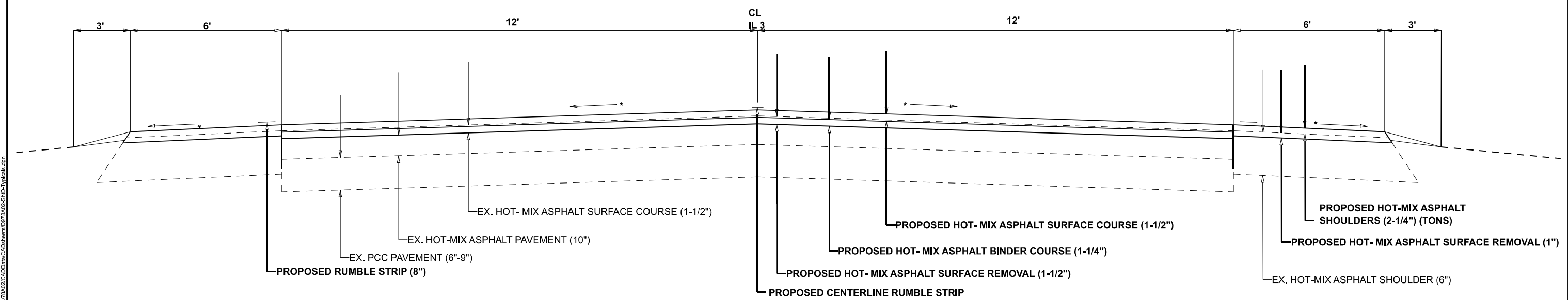
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION**  
 SCALE: SHEET 12 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	12
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				



\* - MATCH EXISTING  
 TO BE USED: LOCATION 2  
 STA: 680+54 TO STA: 679+50  
 STA: 677+91 TO STA: 676+87  
 STA: 659+30 TO STA: 657+00  
 STA: 565+25 TO STA: 562+95

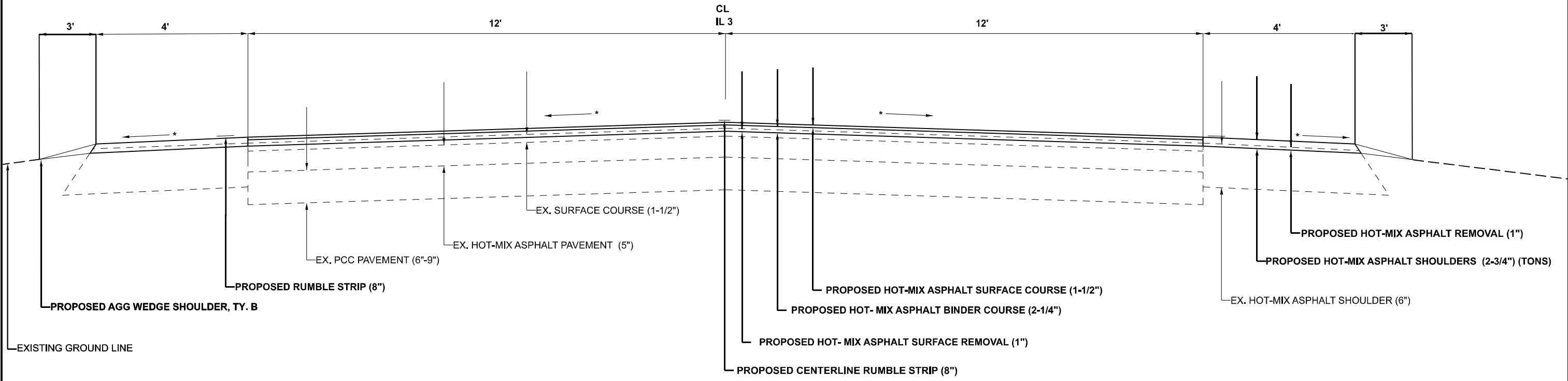


\* - MATCH EXISTING  
 TO BE USED: LOCATION 2  
 STA: 687+55 TO STA: 680+54  
 STA: 676+87 TO STA: 675+52

MODEL: SHOULDERS (Sheet)  
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USER NAME = Jaxon_Horn PLOT SCALE = 0.16666633' / in. PLOT DATE = 9/11/2023	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b> SCALE: SHEET 13 OF 37 SHEETS STA. TO STA.	<table border="1"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>312</td> <td>(131,132,102,101)RS-8</td> <td>VARIOUS</td> <td>37</td> <td>13</td> </tr> <tr> <td colspan="5">CONTRACT NO. 78A02</td> </tr> <tr> <td colspan="5">ILLINOIS FED. AID PROJECT</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	312	(131,132,102,101)RS-8	VARIOUS	37	13	CONTRACT NO. 78A02					ILLINOIS FED. AID PROJECT				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																					
312	(131,132,102,101)RS-8	VARIOUS	37	13																					
CONTRACT NO. 78A02																									
ILLINOIS FED. AID PROJECT																									





TO BE USED: LOCATION 3  
 STA: 160+86 TO STA: 259+12  
 STA: 259+19 TO STA: 345+68  
 STA: 345+87 TO STA: 356+70

NOTES: \* MATCH EXISTING PAVEMENT CROSS SLOPE  
 TYPICALS NOT TO SCALE

MODEL: TYPICAL\_5 [Rev.1]  
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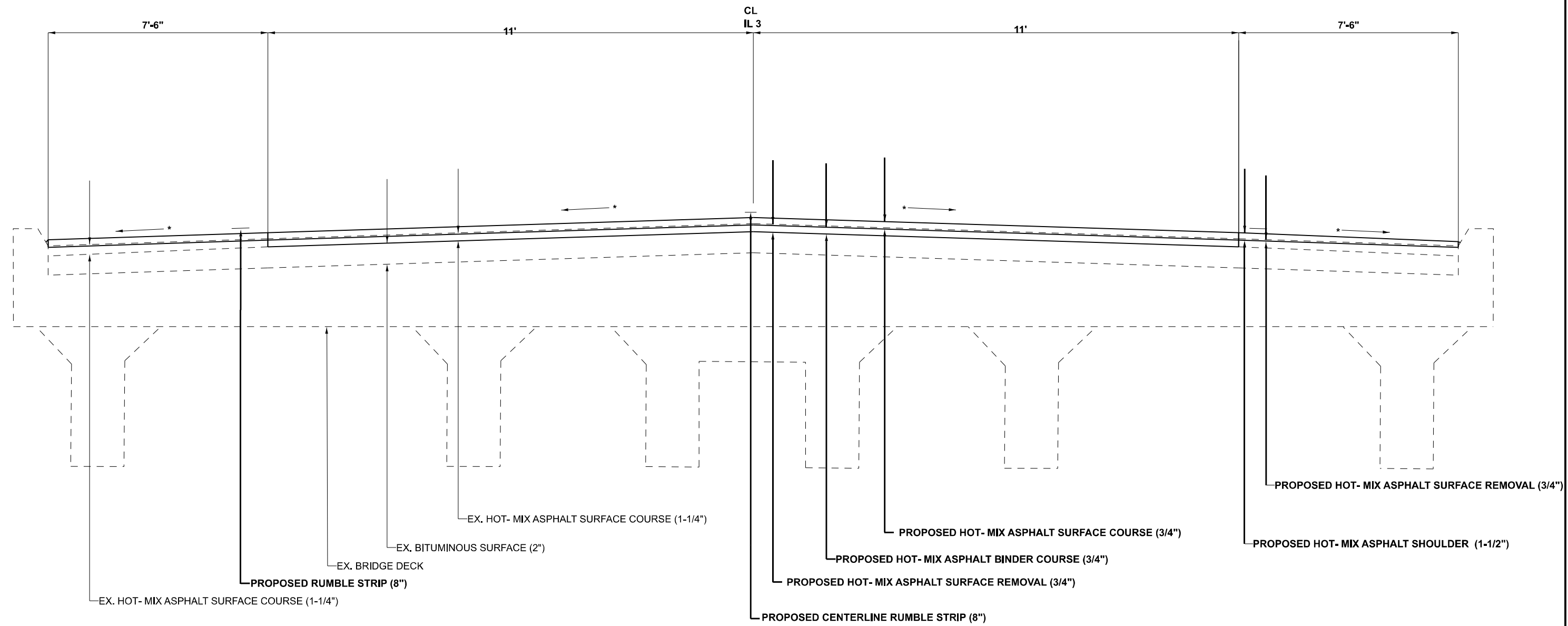
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DRAWN -	REVISED -	
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PLOT DATE = 9/11/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION**

SCALE: SHEET 15 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	15
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				



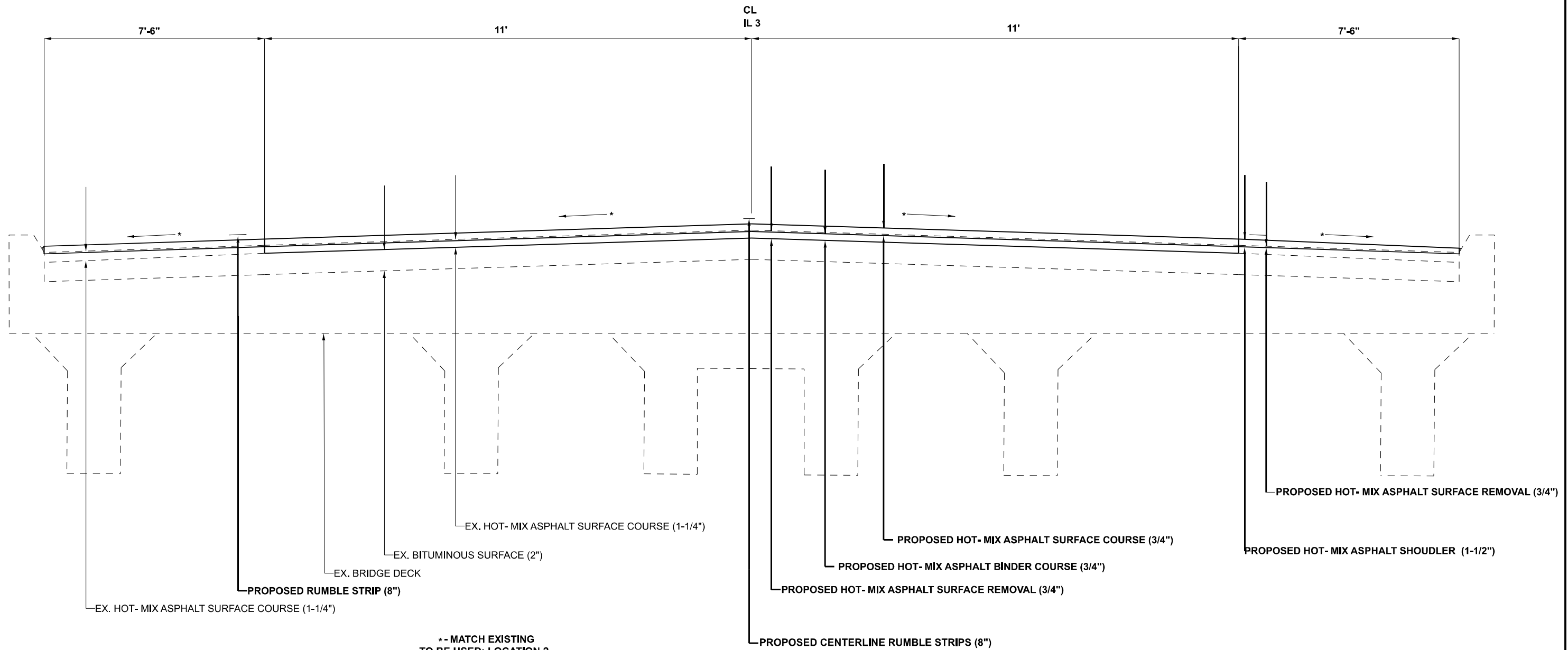
\* - MATCH EXISTING

**TO BE USED: LOCATION 2**  
**SN: 091-0032**  
**STA: 900+96 TO STA: 901+49**

MODEL: TYPICAL 6 BRIDGE DETAIL (6-14)  
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USER NAME = Jaxon, Jom PLOT SCALE = 0.16666633' / in. PLOT DATE = 9/11/2023	DESIGNED - DRAWN -	REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>			F.A.P. RTE. 312	SECTION (131,132,102,101)RS-8	COUNTY VARIOUS	TOTAL SHEETS 37	SHEET NO. 16
	CHECKED - DATE -	REVISED - REVISED -		SCALE:	SHEET 16 OF 37 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 78A02			





\*\* - MATCH EXISTING  
 TO BE USED: LOCATION 2  
 SN 09-0031  
 STA: 784+78 TO STA: 789+30

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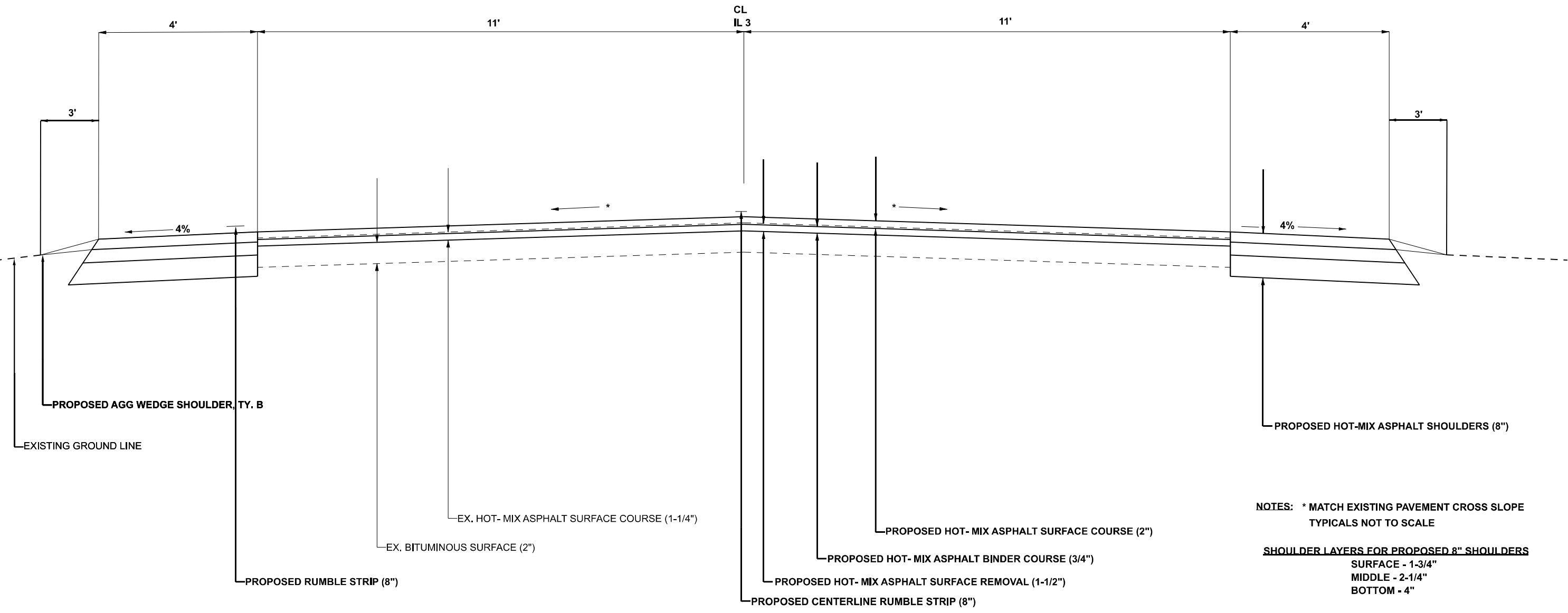
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PLOT DATE = 9/11/2023	CHECKED -	REVISED -
	DATE -	REVISED -

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

<b>TYPICAL SECTION</b>			
SCALE:	SHEET 17	OF 37 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	17
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				

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NOTES: \* MATCH EXISTING PAVEMENT CROSS SLOPE  
 TYPICALS NOT TO SCALE

**SHOULDER LAYERS FOR PROPOSED 8" SHOULDERS**  
 SURFACE - 1-3/4"  
 MIDDLE - 2-1/4"  
 BOTTOM - 4"

\* - MATCH EXISTING  
 TO BE USED  
 SN:091-7003  
 STA: 1004+24 TO STA: 1004+31  
 SN:091-7002  
 STA: 1100+71 TO STA:1100+77  
 SN: 039-7001  
 STA: 549+00 TO STA: 549+15

USER NAME = Jaxon, Jom	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 9/11/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTION**

SCALE: SHEET 18 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78A02	



## HMA PAVEMENT SCHEDULE

LOCATION STATION TO STATION		EXIST. PAVEMENT LENGTH (INFO ONLY)	EXIST. PAVEMENT WIDTH (INFO ONLY)	TEMPORARY RAMPS	HMA BINDER CSE IL-9.5FG, N70 (1 1/4")	HMA SURFACE CSE MIX D, N70 (1 1/2")	MATERIAL TRANSFER DEVICE	HMA SURFACE REMOVAL, (1-1/2")	HMA VARIABLE DEPTH REMOVAL	LONGITUDINAL JOINT SEALANT	BITUMINOUS MATERIALS (TACK COAT)	RUMBLE STRIP 8"
		FOOT	FOOT	SQ YD	TON	TON	TON	SQ YD	SQ YD	FOOT	POUND	FOOT
<b>LOCATION # 1</b>												
STA 531+27	TO STA 531+52	25	24	14	5	6	11		67	25	45	6
STA 531+52	TO STA 549+00	1,748	24		329	394	723	4,662		1,748	3,147	437
STA 549+00	TO STA 549+15	15	24		3	4	7	40		15	27	4
STA 549+15	TO STA 643+46	9,431	24	14	1,772	2,124	3,896	25,150		9,431	16,976	2,358
<b>PROJECT TOTALS</b>				<b>28</b>	<b>1,780</b>	<b>2,528</b>	<b>4,637</b>	<b>29,852</b>	<b>67</b>	<b>11,219</b>	<b>20,195</b>	<b>2,805</b>

## HMA PAVEMENT SCHEDULE

LOCATION STATION TO STATION		EXIST. PAVEMENT LENGTH (INFO ONLY)	EXIST. PAVEMENT WIDTH (INFO ONLY)	TEMPORARY RAMPS	HMA BINDER CSE IL-19.0, N70 (2 1/4")	HMA BINDER CSE IL-9.5FG, N70 (1 1/4")	HMA SURFACE CSE MIX D, N70 (1 1/2")	MATERIAL TRANSFER DEVICE	HMA SURFACE REMOVAL, (2-3/4")	HMA SURFACE REMOVAL, (1-1/2")	HMA SURFACE REMOVAL, (3/4")	HMA SURFACE REMOVAL, (1")	HMA VARIABLE DEPTH REMOVAL	LONGITUDINAL JOINT SEALANT	BITUMINOUS MATERIALS (TACK COAT)	GUTTER REMOVAL	RUMBLE STRIP 8"
		FOOT	FOOT	SQ YD	TON	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	POUND	FOOT	FOOT
<b>LOCATION # 2</b>																	
STA 643+45	TO STA 784+63	14,118	24	14		2,652	3,179	5,831						14,118	25,413		3,530
STA 784+63	TO STA 784+78	15	24			3	4	7					40	15	27		
STA 784+77	TO STA 789+30	453	24				103	103			1,208			453	816		453
STA 789+30	TO STA 789+45	15	24			3	4	7					40	15	27		
STA 789+45	TO STA 796+75	730	24			138	165	303		1,947				730	1,314		183
STA 796+75	TO STA 802+43	568	24			107	128	235		1,515				568	1,023	568	142
STA 802+43	TO STA 807+47	504	24			95	114	209		1,344				504	907		126
STA 807+47	TO STA 873+50	6,603	24			1,241	1,487	2,728		17,609				6,604	11,887		1,651
STA 873+50	TO STA 877+00	350	22			61	73	134		856				350	578		88
STA 877+00	TO STA 900+96	2,396	22			413	495	908		5,857				2,396	3,954		599
STA 900+96	TO STA 901+49	53	22				11	11				130		53	88		13
STA 901+49	TO STA 1004+24	10,275	24			1,930	2,314	4,244		27,400				10,275	18,495		2,569
STA 1004+24	TO STA 1004+31	7	22			2	2	4		18				7	12		2
STA 1004+31	TO STA 1100+71	9,640	24			1,811	2,171	3,982		25,707				9,640	17,352		2,410
STA 1100+71	TO STA 1100+77	6	22			2	2	4		15				6	10		2
STA 1100+77	TO STA 1259+83	15,906	24			2,988	3,582	6,570		42,416				15,906	28,631		3,977
STA 1259+83	TO STA 1260+08	25	24			5	6	11					67	25	45		6
STA 1260+08	TO STA 1261+55 BK	147	24			28	34	62	392					147	265		37
STA 773+45 AH	TO STA 772+00	145	24			28	33	61	387					145	261		36
STA 772+00	TO STA 771+75	25	24			5	6	11					67	25	45		6
STA 771+75	TO STA 680+54	9,121	24			1,714	2,054	3,768		24,323				9,121	16,418		2,280
STA 680+54	TO STA 679+55	99	24			19	23	42		264				99	179		25
STA 680+54	TO STA 679+50	104	24			20	24	44		278				104	188		26
BRIDGE OMISSION																	
STA 677+91	TO STA 677+66	25	24			5	6	11					67	25	45		6
STA 677+66	TO STA 657+25	2,041	24			384	460	844		5,443				2,041	3,674		510
STA 657+25	TO STA 657+00	25	24			5	6	11					67	25	45		6
BRIDGE OMISSION																	
STA 657+00	TO STA 656+25	25	24			5	6	11					67	25	45		6
STA 656+25	TO STA 656+00	25	24			5	6	11					67	25	45		6
STA 656+00	TO STA 462+38	19,362	24			3,637	4,360	7,997		51,632				19,362	34,852		4,841
STA 462+38	TO STA 462+31	7	24			3	2	2			19			7	13		2
STA 462+31	TO STA 433+08	2,923	24			550	659	1,209		7,795				2,923	5,262		731
STA 433+08	TO STA 433+00	8	24			3	2	2			22			8	15		2
STA 433+00	TO STA 356+70	7,630	24	14		1,434	1,719	3,153		20,347				7,630	13,734		1,908
<b>PROJECT TOTALS</b>				<b>28</b>	<b>6</b>	<b>19,285</b>	<b>23,234</b>	<b>42,519</b>	<b>779</b>	<b>272,414</b>	<b>1,338</b>	<b>41</b>	<b>415</b>	<b>103,352</b>	<b>185,620</b>	<b>568</b>	<b>26,170</b>

## HMA PAVEMENT SCHEDULE

LOCATION STATION TO STATION		EXIST. PAVEMENT LENGTH (INFO ONLY)	EXIST. PAVEMENT WIDTH (INFO ONLY)	TEMPORARY RAMPS	HMA BINDER CSE IL-19.0, N70 (2 1/4")	HMA SURFACE CSE MIX D, N70 (1 1/2")	MATERIAL TRANSFER DEVICE	HMA SURFACE REMOVAL, (1")	HMA VARIABLE DEPTH REMOVAL	LONGITUDINAL JOINT SEALANT	BITUMINOUS MATERIALS (TACK COAT)	RUMBLE STRIP 8"
		FOOT	FOOT	SQ YD	TON	TON	TON	SQ YD	SQ YD	FOOT	POUND	FOOT
<b>LOCATION # 3</b>												
STA 356+70	TO STA 345+87	1,083	24	14	366	244	610	2,888		1,083	1,950	271
STA 345+87	TO STA 345+68	19	24		7	5	12	51		19	35	5
STA 345+68	TO STA 259+19	8,649	24		2,917	1,948	4,865	23,064		8,649	15,569	2,162
STA 259+19	TO STA 259+12	7	24		3	2	5	19		7	13	2
STA 259+12	TO STA 161+41	9,771	24	14	3,295	2,201	5,496	26,056		9,771	17,588	2,443
STA 161+41	TO STA 160+86	55	24		19	13	32		147	55	99	14
<b>PROJECT TOTALS</b>				<b>28</b>	<b>6,607</b>	<b>4,413</b>	<b>11,020</b>	<b>52,078</b>	<b>147</b>	<b>19,584</b>	<b>35,254</b>	<b>4,896</b>

MODEL: PAVEMENT SCHEDULE 1-1 (Rev. 4/11)  
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	DRAWN -	REVISED -
PLOT SCALE = 0.16666633 / in.	CHECKED -	REVISED -
PLOT DATE = 10/10/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT SCHEDULE**

SCALE: SHEET 20 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	20
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				

## SHOULDER SCHEDULE LOCATION #1

LOCATION STATION TO STATION				EXIST. SHOULDER LENGTH (INFO ONLY) FOOT	EXIST. SHOULDER WIDTH (INFO ONLY) FOOT	PROPOSED SHOULDER WIDTH (INFO ONLY) FOOT	HMA SHOULDERS TON	HMA SHOULDERS 8" SQ YD	HMA SURFACE REMOVAL, 1" SQ YD	AGG WEDGE SHOULDER TYPE B TON	BITUMINOUS MATERIALS (TACK COAT) POUND	EXCAVATING & GRADING SHOULDER UNIT	RUMBLE STRIPS 8" FOOT	COMMENTS	
<b>SHOULDER LOCATION # 1</b>															
STA	531+27	TO	STA 549+00	1,773	16		400		3,152		2,838		3,546	2-8' SHOULDERS	
STA	549+00	TO	STA 549+15						BRIDGE OMISSION						
STA	549+15	TO	STA 643+46	9,431		8		8,384	404	7,546	190	18,862		2-4' SHOULDERS	
<b>PROJECT TOTALS</b>							<b>400</b>	<b>8,384</b>	<b>3,152</b>	<b>404</b>	<b>10,384</b>	<b>190</b>	<b>22,408</b>		

## SHOULDER SCHEDULE LOCATION # 2

LOCATION STATION TO STATION				EXIST. SHOULDER LENGTH (INFO ONLY) FOOT	EXIST. SHOULDER WIDTH (INFO ONLY) FOOT	PROPOSED SHOULDER WIDTH (INFO ONLY) FOOT	HMA SHOULDERS TON	HMA SHOULDERS 8" SQ YD	HMA SURFACE REMOVAL, 1" SQ YD	AGG WEDGE SHOULDER TYPE B TON	BITUMINOUS MATERIALS (TACK COAT) POUND	EXCAVATING & GRADING SHOULDER UNIT	RUMBLE STRIPS 8" FOOT	COMMENTS	
<b>SHOULDER LOCATION # 2</b>															
STA	643+45	TO	STA 784+77	14,132		8		12,562		604	11,306	284	28,264	2-4' SHOULDERS	
STA	784+77	TO	STA 789+30	453	15		96		755		680		906	2-7'6" SHOULDERS	
STA	789+30	TO	STA 796+75	745		8		663	32	596	16	1,490		2-4' SHOULDERS	
STA	796+75	TO	STA 802+43	568		8		505	26	456	12	1,136		2-4' SHOULDERS	
STA	802+43	TO	STA 807+47	504		8		448	22	404	12	1,007		2-4' SHOULDERS	
STA	807+47	TO	STA 873+50	6,603		8		5,870	284	5,284	134	13,207		2-4' SHOULDERS	
STA	873+50	TO	STA 877+00	350		8		312	16	280	8	700		2-4' SHOULDERS	
STA	877+00	TO	STA 899+41	2,241		8		1,992	96	1,794	46	4,482		2-4' SHOULDERS	
STA	899+41	TO	STA 900+96	155		16		276	8	248	4	310		2-8' SHOULDERS	
STA	900+96	TO	STA 901+49	53	15		12			80		106		2-7'6" SHOULDERS	
STA	901+49	TO	STA 903+04	155		16		276	8	248	4	310		2-8' SHOULDERS	
STA	903+04	TO	STA 1004+24	10,120		8		8,996	434	8,096	204	20,240		2-4' SHOULDERS	
STA	1004+24	TO	STA 1004+31	7		8		7	2	6	2	14		2-4' SHOULDERS	
STA	1004+31	TO	STA 1100+71	9,640		8		8,569	412	7,712	194	19,280		2-4' SHOULDERS	
STA	1100+71	TO	STA 1100+77	6		8		6	2	6	2	12		2-4' SHOULDERS	
STA	1100+77	TO	STA 1257+62	15,685		8		13,943	670	12,548	314	31,370		2-4' SHOULDERS	
STA	1257+62	TO	STA 1259+83	221	8				197	10	178		442	2-4' SHOULDERS	
STA	1259+83	TO	STA 1260+08	25	8		2		2	20		50		2-4' SHOULDERS	
STA	1260+08	TO	STA 1261+55 BK	147	8		8		131	8	118		294	2-4' SHOULDERS	
STA	773+45 AH	TO	STA 772+00	145	8		8		129	8	116		290	2-4' SHOULDERS	
STA	772+00	TO	STA 771+75	25	8		2		23	2	20		50	2-4' SHOULDERS	
STA	771+75	TO	STA 687+55	8,420	8		953		7,485	360	6,736		16,840	2-4' SHOULDERS	
STA	687+55	TO	STA 680+54	701	12		119		935	30	842		1,402	1-4' SHLD / 1-8' SHLD	
STA	680+54	TO	STA 679+50	104	16		24		185	6	168		208	2-8' SHOULDERS	
STA	679+50	TO	STA 677+91						BRIDGE OMISSION						
STA	677+91	TO	STA 676+87	104	16		24		185	6	168		208	2-8' SHOULDERS	
STA	676+87	TO	STA 675+52	135	12		23		180	6	162		270	1-4' SHLD / 1-8' SHLD	
STA	675+52	TO	STA 659+30	1,622	8		184		1,442	70	1,298		3,244	2-4' SHOULDERS	
STA	659+30	TO	STA 657+00	230	16		52		409	10	368		460	2-8' SHOULDERS	
STA	657+00	TO	STA 656+25						BRIDGE OMISSION						
STA	656+25	TO	STA 562+95	230	16		52		409	10	368			2-8' SHOULDERS	
STA	656+25	TO	STA 462+38	19,387	8		2,194		17,233	828	15,510		38,774	2-4' SHOULDERS	
STA	462+38	TO	STA 462+31	7	8		1		7	2	6		14	2-4' SHOULDERS	
STA	462+31	TO	STA 433+08	2,923	8		331		2,599	126	2,340		5,846	2-4' SHOULDERS	
STA	433+08	TO	STA 433+00	8	8		1		8	2	8		16	2-4' SHOULDERS	
STA	433+00	TO	STA 356+70	7,630	8		864		6,783	326	6,104		15,260	2-4' SHOULDERS	
<b>PROJECT TOTALS</b>							<b>4,950</b>	<b>54,425</b>	<b>39,095</b>	<b>4,428</b>	<b>84,274</b>	<b>1,236</b>	<b>206,502</b>		

MODEL: PAVEMENT SCHEDULE 1 (S1) 41  
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USER NAME = Jaxon_Hom	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 9/11/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SHOULDER SCHEDULE</b>			
SCALE:	SHEET 21	OF 37 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	21
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				

## SHOULDER SCHEDULE LOCATION # 3

LOCATION STATION TO STATION				EXIST. SHOULDER LENGTH (INFO ONLY)	EXIST. SHOULDER WIDTH (INFO ONLY)	HMA SHOULDERS	HMA SURFACE REMOVAL, 1"	AGG WEDGE SHOULDER TYPE B	BITUMINOUS MATERIALS (TACK COAT)	RUMBLE STRIPS 8"	COMMENTS
				FOOT	FOOT	TON	SQ YD	TON	POUND	FOOT	
<b>SHOULDER LOCATION # 3</b>											
STA 356+70	TO	STA 345+87		1,083	8	204	963	58	434	2,166	2-4' SHOULDERS
STA 345+87	TO	STA 345+68		19	8	4	17	2	8	38	2-4' SHOULDERS
STA 345+68	TO	STA 259+19		8,649	8	1,625	7,688	452	3,460	17,298	2-4' SHOULDERS
STA 259+19	TO	STA 259+12		7	8	2	7	2	3	14	2-4' SHOULDERS
STA 259+12	TO	STA 160+86		9,826	8	1,846	8,735	514	3,931	19,652	2-4' SHOULDERS
<b>PROJECT TOTALS</b>						<b>3,681</b>	<b>17,410</b>	<b>1,028</b>	<b>7,836</b>	<b>39,168</b>	

MODEL: SHOULDER SCHEDULE (Sheet)  
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USER NAME = Jaxon, Jom PLOT SCALE = 0.16666633' / in. PLOT DATE = 9/11/2023	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SHOULDER SCHEDULE</b>	F.A.P RTE. 312 SECTION (131,132,102,101)RS-8 COUNTY VARIOUS TOTAL SHEETS 37 SHEET NO. 22 CONTRACT NO. 78A02 ILLINOIS FED. AID PROJECT
			SCALE:	SHEET 22 OF 37 SHEETS	STA. TO STA.

## PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	PAINT PAVEMENT MARKING			RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	COMMENTS
	LINE - 4" WHITE	LINE - 4" YELLOW				
	SOLID	SOLID	SKIP - DASH			
	FOOT	FOOT	FOOT			
<b>IL 3 LOCATION # 1</b>						
STA 531+27 TO STA 549+00	3,546		443	22	22	
STA 549+00 TO STA 549+15	30		4	0	0	
STA 549+15 TO STA 643+46	18,862		2,358	118	118	
<b>TOTAL</b>	<b>25,209</b>			<b>140</b>	<b>140</b>	

## PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	PAINT PAVEMENT MARKING			RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	COMMENTS
	LINE - 4" WHITE	LINE - 4" YELLOW				
	SOLID	SOLID	SKIP - DASH			
	FOOT	FOOT	FOOT			
<b>IL 3 LOCATION # 2</b>						
STA 643+45 TO STA 784+78	28,265		3,533	177	177	
STA 784+78 TO STA 789+30	905		113	6	6	
STA 789+30 TO STA 796+75	1,490	1,490	186	9	9	
STA 796+75 TO STA 802+43	1,136		142	7	7	
STA 802+43 TO STA 807+47	1,007		126	6	6	
STA 807+47 TO STA 873+50	13,207		1,651	83	83	
STA 873+50 TO STA 877+00	700	700	88	4	4	
STA 877+00 TO STA 900+96	4,792		599	30	30	
STA 900+96 TO STA 901+49	106		13	1	1	
STA 901+49 TO STA 1004+24	20,550		2,569	128	128	
STA 1004+24 TO STA 1004+31	14		2	0	0	
STA 1004+31 TO STA 1100+71	19,280		2,410	121	121	
STA 1100+71 TO STA 1100+77	12		2	0	0	
STA 1100+77 TO STA 1261+56 BK	32,158		4,020	201	201	
STA 773+45 AH TO STA 679+50	18,790		2,349	117	117	
STA 679+50 TO STA 677+91	318		40	2	2	
STA 677+91 TO STA 657+00	4,182		523	26	26	
STA 657+00 TO STA 656+25	150		19	1	1	
STA 656+25 TO STA 462+38	38,774		4,847	242	242	
STA 462+38 TO STA 462+31	14		2	0	0	
STA 462+31 TO STA 433+08	5,846		731	37	37	
STA 433+08 TO STA 433+00	16		2	0	0	
STA 433+00 TO STA 356+70	15,260		1,908	95	95	
<b>TOTAL</b>	<b>235,034</b>			<b>1,294</b>	<b>1,294</b>	

## PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	PAINT PAVEMENT MARKING			RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	COMMENTS
	LINE - 4" WHITE	LINE - 4" YELLOW				
	SOLID	SOLID	SKIP - DASH			
	FOOT	FOOT	FOOT			
<b>IL 3 LOCATION # 3</b>						
STA 356+70 TO STA 345+87	2,166		271	14	14	
STA 345+87 TO STA 345+68	38		5	0	0	
STA 345+68 TO STA 259+19	17,298		2,162	108	108	
STA 259+19 TO STA 259+12	14		2	0	0	
STA 259+12 TO STA 160+86	19,652		2,457	123	123	
<b>TOTAL</b>	<b>44,064</b>			<b>245</b>	<b>245</b>	

MODEL: PAVEMENT MARKING (Sheet)  
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USER NAME = JaxonHom	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 9/11/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SCHEDULE**

SCALE: SHEET 23 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	23
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				

## TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	TEMPORARY PAVEMENT MARKING			PAVEMENT MARKING REMOVAL GRINDING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
	LINE - 4" WHITE	LINE - 4" YELLOW				
	SOLID	SOLID	SKIP - DASH			
	FOOT	FOOT	FOOT			
				SQ FT	FOOT	SQ FT
<b>IL 3 LOCATION # 1</b>						
STA 531+27	TO	STA 549+00		3,546	443	1,330
STA 549+00	TO	STA 549+15		0	6	2
STA 549+15	TO	STA 643+46		18,862	2,358	7,074
<b>TOTAL</b>				<b>25,209</b>	<b>8,404</b>	<b>3,372</b>

## TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	TEMPORARY PAVEMENT MARKING			PAVEMENT MARKING REMOVAL GRINDING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
	LINE - 4" WHITE	LINE - 4" YELLOW				
	SOLID	SOLID	SKIP - DASH			
	FOOT	FOOT	FOOT			
				SQ FT	FOOT	SQ FT
<b>IL 3 LOCATION # 2</b>						
STA 643+45	TO	STA 784+78		28,265	3,533	10,600
STA 784+78	TO	STA 789+30		905	113	340
STA 789+30	TO	STA 796+75		1,490	1,490	1,056
STA 796+75	TO	STA 802+43		1,136	142	426
STA 802+43	TO	STA 807+47		1,007	126	378
STA 807+47	TO	STA 873+50		13,207	1,651	4,954
STA 873+50	TO	STA 877+00		700	700	498
STA 877+00	TO	STA 900+96		4,792	599	1,800
STA 900+96	TO	STA 901+49		106	13	44
STA 901+49	TO	STA 1004+24		20,550	2,569	7,707
STA 1004+24	TO	STA 1004+31		14	2	6
STA 1004+31	TO	STA 1100+71		19,280	2,410	7,230
STA 1100+71	TO	STA 1100+77		12	2	5
STA 1100+77	TO	STA 1261+56 BK		32,158	4,020	12,060
STA 773+45	AH TO	STA 679+50		18,790	2,349	7,047
STA 679+50	TO	STA 677+91		318	40	120
STA 677+91	TO	STA 657+00		4,182	523	1,569
STA 657+00	TO	STA 656+25		150	19	57
STA 656+25	TO	STA 462+38		38,774	4,847	5,817
STA 462+38	TO	STA 462+31		14	2	6
STA 462+31	TO	STA 433+08		5,846	731	2,193
STA 433+08	TO	STA 433+00		16	2	6
STA 433+00	TO	STA 356+70		15,260	1,908	5,723
<b>TOTAL</b>				<b>235,034</b>	<b>63,825</b>	<b>31,074</b>

## TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	TEMPORARY PAVEMENT MARKING			PAVEMENT MARKING REMOVAL GRINDING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
	LINE - 4" WHITE	LINE - 4" YELLOW				
	SOLID	SOLID	SKIP - DASH			
	FOOT	FOOT	FOOT			
				SQ FT	FOOT	SQ FT
<b>IL 3 LOCATION # 3</b>						
STA 356+70	TO	STA 345+87		2,166	271	813
STA 345+87	TO	STA 345+68		38	5	15
STA 345+68	TO	STA 259+19		17,298	2,162	6,487
STA 259+19	TO	STA 259+12		14	2	6
STA 259+12	TO	STA 160+86		19,652	2,457	7,370
<b>TOTAL</b>				<b>44,064</b>	<b>14,691</b>	<b>5,880</b>

MODEL: PAVEMENT MARKING-2 (Sheet)  
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USER NAME = JaxonHom	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666833' / in.	CHECKED -	REVISED -
PLOT DATE = 9/11/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVE IENT MARKING SCHEDULE**

SCALE: SHEET 24 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	24
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				





# ENTRANCE AND SIDE ROAD

LOCATION # 2			IL 3				
SIDE	ENTRANCE TYPE	EX. SURFACE	LENGTH (FOOT)	WIDTH (FOOT)	INCIDENTAL HOT-MIX ASPHALT	AGG. WEDGE SHOULDER TYPE B	HMA SURFACE REMOVAL BUTT JOINT
			(INFO ONLY)	(INFO ONLY)	TONS	TONS	SQ. YD
RT	SR	HMA	60	6	2		40
LT	PE	AGG	30	3		1	
RT	SR	HMA	60	6	2		40
RT	FE	HMA	60	6	2		
RT	SR	HMA	55	6	2		37
LT	SR	HMA	55	6	2		37
RT	SR	HMA	40	6	2		27
LT	SR	HMA	40	6	2		27
LT	PE	HMA	30	6	1		
RT	PE	HMA	35	6	2		
LT	PE	HMA	35	6	2		
RT	PE	HMA	35	6	2		
RT	SR	HMA	70	6	3		47
LT	SR	HMA	70	6	3		47
LT	PE	HMA	50	6	2		
LT	SR	HMA	50	6	2		34
LT	PE	HMA	45	6	2		30
LT	CE	HMA	60	6	2		
RT	SR	HMA	85	6	3		57
LT	SR	HMA	85	6	3		57
RT	PE	AGG	40	3		1	
LT	FE	AGG	55	3		1	
LT	FE	AGG	55	3		1	
LT	PE	HMA	150	6	5		
LT	PE	HMA	100	6	4		
RT	SR	HMA	300	6	10		200
LT	CE	HMA	85	6	3		
LT	SR	HMA	150	6	5		100
RT	SR	HMA	150	6	5		100
LT	CE	HMA	70	6	3		
RT	CE	HMA	50	6	2		
LT	PE	AGG	45	3		1	
RT	PE	HMA	50	6	2		
LT	PE	AGG	45	3		1	
LT	PE	HMA	40	6	2		
LT	PE	HMA	40	6	2		
LT	SR	HMA	55	6	2		37
RT	PE	HMA	80	6	3		
LT	PE	AGG	45	3		1	
LT	PE	HMA	55	6	2		
RT	SR	HMA	45	6	2		30
RT	SR	HMA	35	6	2		24
LT	CE	HMA	90	6	3		
LT	CE	HMA	90	6	3		
RT	PE	AGG	40	3		1	
LT	PE	AGG	35	3		1	
RT	PE	AGG	50	3		1	
LT	SR	HMA	100	6	4		67
RT	SR	HMA	40	6	2		27
LT	PE	AGG	50	3		1	
LT	PE	AGG	200	3		4	
LT	SR	HMA	100	6	4		67

# ENTRANCE AND SIDE ROAD

RT	SR	HMA	85	6	3		57
LT	PE	HMA	65	6	3		
LT	SR	HMA	50	6	2		34
LT	SR	HMA	50	6	2		34
LT	SR	HMA	50	6	2		34
LT	SR	HMA	50	6	2		34
LT	SR	HMA	65	6	3		44
LT	SR	HMA	50	6	2		34
LT	SR	HMA	60	6	2		40
RT	CE	HMA	55	6	2		
RT	CE	HMA	55	6	2		
LT	PE	HMA	25	6	1		
LT	PE	HMA	35	6	2		
LT	SR	HMA	70	6	3		47
RT	PE	AGG	45	3		1	
LT	PE	HMA	100	6	4		
LT	PE	HMA	40	6	2		
RT	CE	HMA	45	6	2		
LT	PE	HMA	50	6	2		
LT	PE	HMA	55	6	2		
LT	PE	HMA	20	6	1		
LT	PE	HMA	20	6	1		
LT	PE	HMA	25	6	1		
LT	PE	HMA	25	6	1		
LT	CE	HMA	55	6	2		
LT	CE	HMA	65	6	3		
LT	PE	HMA	30	6	1		
LT	PE	HMA	65	6	3		
RT	SR	HMA	100	6	4		67
LT	PE	HMA	35	6	2		
LT	PE	HMA	35	6	2		
LT	SR	HMA	50	6	2		34
LT	SR	HMA	80	6	3		54
RT	PE	HMA	50	6	2		
LT	PE	AGG	50	3		1	
LT	PE	HMA	65	6	3		
LT	PE	HMA	70	6	3		
LT	SR	HMA	70	6	3		47
RT	SR	HMA	70	6	3		47
LT	PE	HMA	35	6	2		
LT	PE	HMA	30	6	1		
LT	PE	HMA	40	6	2		
LT	SR	HMA	60	6	2		40
RT	SR	HMA	50	6	2		34
RT	SR	HMA	65	6	3		44
LT	PE	AGG	45	3		1	
RT	SR	AGG	120	3		2	40
LT	SR	AGG	120	3		2	40
RT	SR	AGG	120	3		2	40
LT	SR	AGG	120	3		2	40
RT	SR	HMA	80	6	3		54
LT	SR	HMA	80	6	3		54
RT	SR	HMA	80	6	3		54
LT	SR	HMA	80	6	3		54
RT	SR	HMA	80	6	3		54
LOCATION # 2 Total:				221		26	2287

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PLOT SCALE = 0.16666833' / in.	CHECKED -	REVISED -
PLOT DATE = 9/11/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE SCHEDULE**

SCALE: SHEET 26 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	26
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				

# ENTRANCE AND SIDE ROAD

LOCATION # 3			IL 3				
SIDE	ENTRANCE TYPE	EX. SURFACE	LENGTH (FOOT)	WIDTH (FOOT)	INCIDENTAL HOT-MIX ASPHALT	AGG. WEDGE SHOULDER TYPE B	HMA SURFACE REMOVAL BUTT JOINT
			(INFO ONLY)	(INFO ONLY)	TONS	TONS	SQ YD
RT	PE	HMA	60	6	5		
RT	PE	AGG	35	3		2	
RT	SR	HMA	55	6	4		37
LT	FE	AGG	30	3		2	
LT	SR	HMA	75	6	6		50
LT	SR	HMA	100	6	7		67
RT	CE	HMA	35	6	3		
RT	SR	HMA	60	6	5		40
RT	SR	HMA	60	6	5		40
RT	PE	AGG	50	3		2	
RT	PE	AGG	50	3		2	
RT	CE	HMA	60	6	5		
RT	SR	HMA	100	6	7		67
RT	PE	AGG	50	3		2	
RT	PE	AGG	50	3		2	
LT	SR	HMA	65	6	5		44
RT	SR	HMA	35	6	3		24
RT	PE	HMA	35	6	3		
LT	PE	HMA	45	6	4		
RT	PE	HMA	40	6	3		
LT	PE	HMA	50	6	4		
RT	PE	HMA	40	6	3		
RT	PE	HMA	30	6	3		
LT	CE	HMA	50	6	4		
RT	SR	HMA	75	6	6		50
LT	CE	HMA	200	6	14		
RT	PE	HMA	40	6	3		
RT	PE	HMA	30	6	3		
RT	PE	HMA	30	6	3		
LT	PE	HMA	60	6	5		
LT	PE	HMA	50	6	4		
LT	SR	HMA	60	6	5		40
RT	SR	HMA	40	6	3		27
RT	PE	AGG	45	3		2	
RT	PE	AGG	40	3		2	
LT	PE	HMA	36	6	3		
LT	PE	HMA	30	6	3		
RT	PE	HMA	55	6	4		
RT	PE	AGG	55	3		2	
RT	PE	AGG	55	3		2	
RT	FE	AGG	30	3		2	
LT	PE	AGG	70	3		3	
LT	PE	AGG	60	3		3	
PROJECT TOTALS LOCATION # 3					135	28	486

MODEL: entrance\_sched.dwg | Sheet1  
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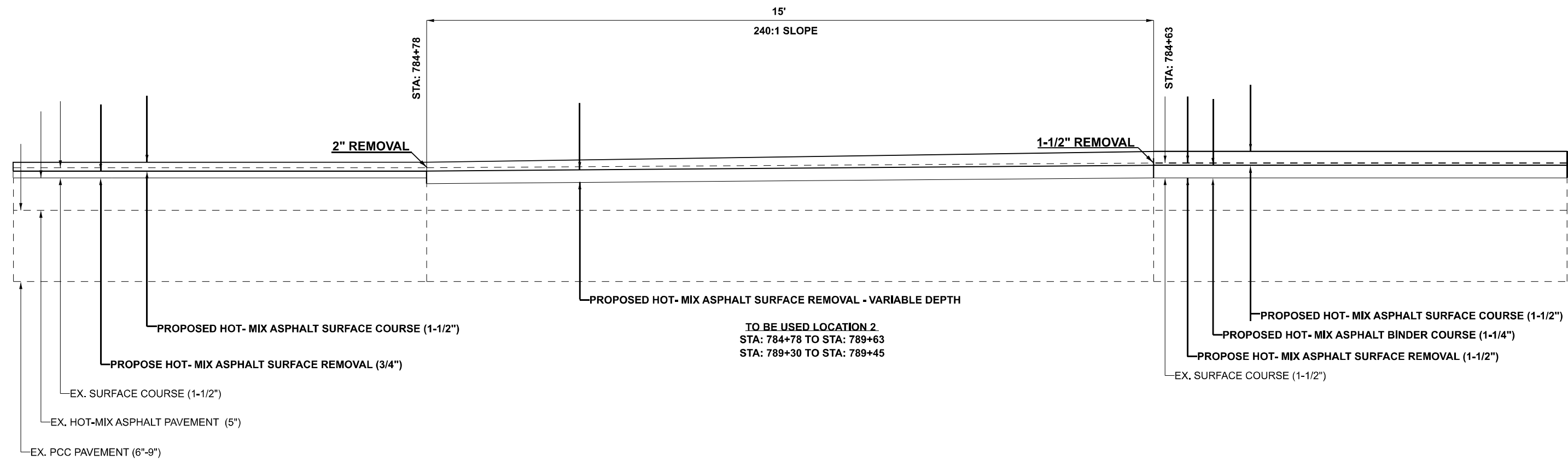
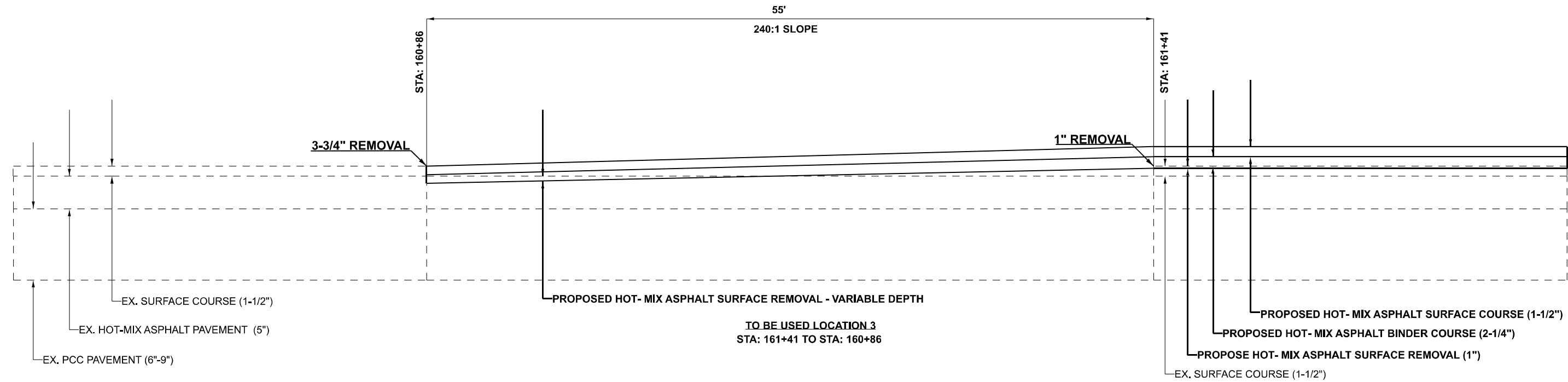
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	DRAWN -	REVISED -
PLOT SCALE = 0.16666833' / in.	CHECKED -	REVISED -
PLOT DATE = 9/11/2023	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ENTRANCE AND SIDE ROAD SCHEDULE			
SCALE:	SHEET 27 OF 37 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	27
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				





MODEL: I:\miles\detail\Sheet1  
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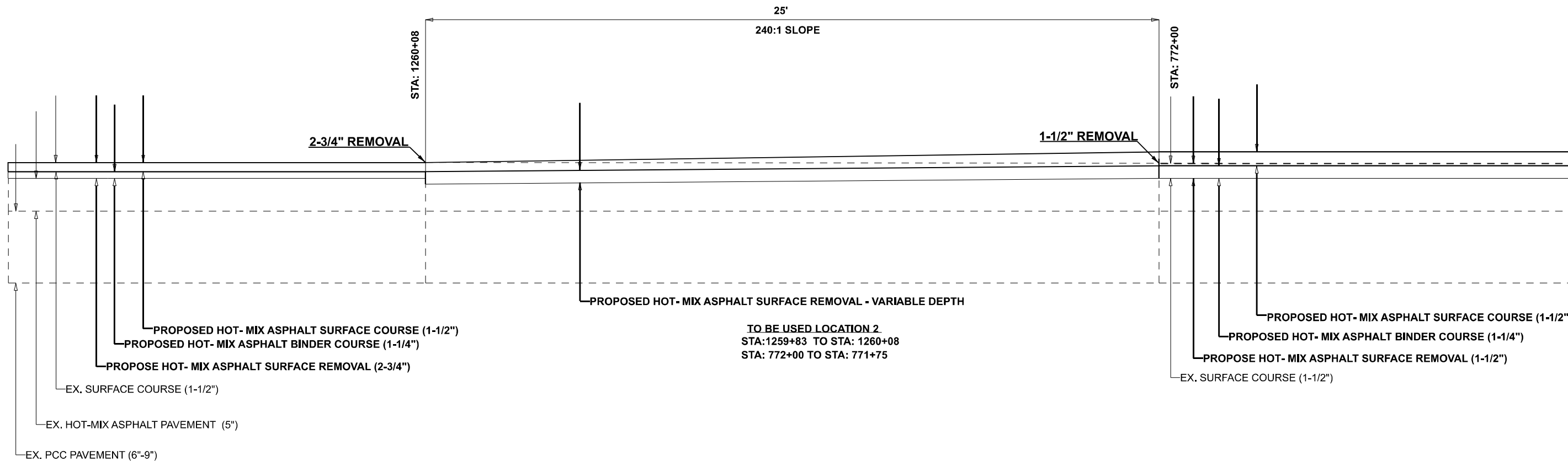
USER NAME = Jaxon, Tom	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 10/10/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAIL SHEET  
HMA TRANSITIONS**

SCALE: SHEET 29 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	29
CONTRACT NO. 78A02			ILLINOIS FED. AID PROJECT	



MODEL: \\ARE TRANSITION (Sheet)  
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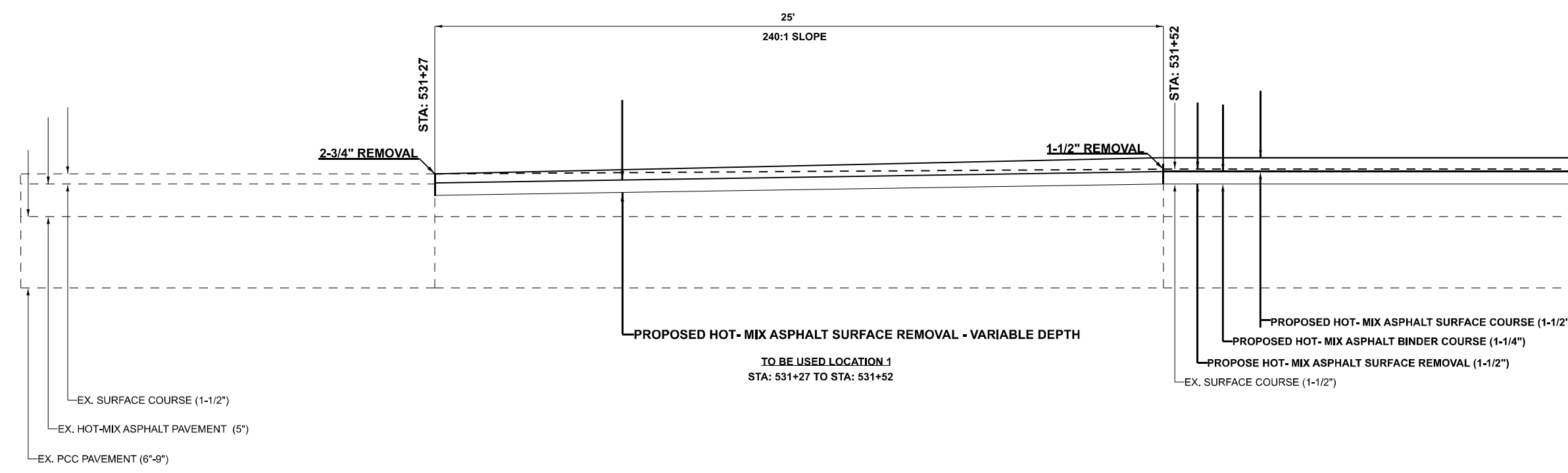
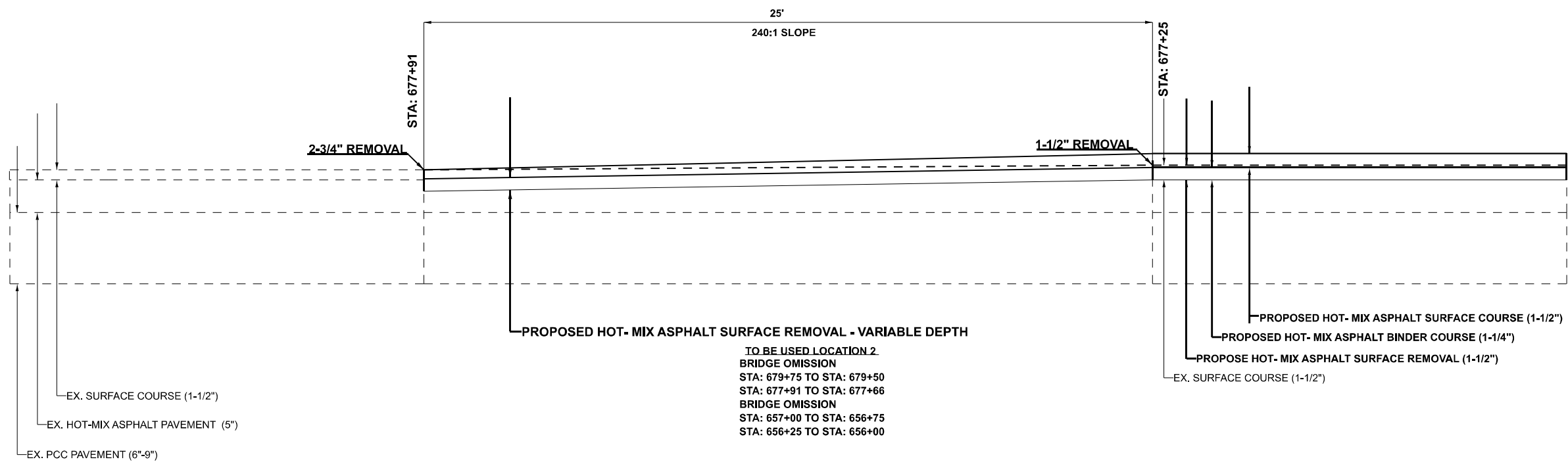
USER NAME = Jaxon, Jom	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 10/10/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRANSITION DETAIL**

SCALE: SHEET 30 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78A02	



MODEL: BRIDGE TRANSITIONS (Sheet)  
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DRAWN -	REVISED -	
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PLOT DATE = 10/10/2023	DATE -	REVISED -

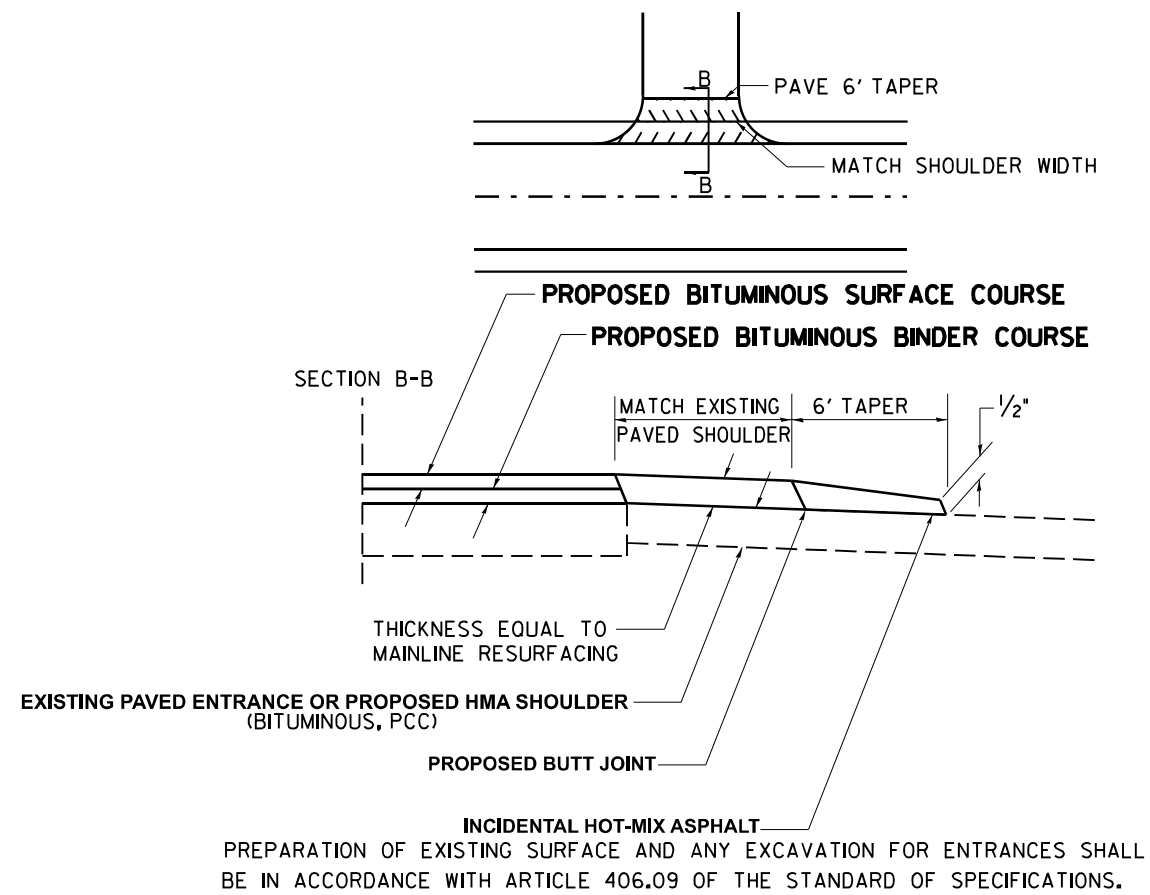
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAIL SHEET  
HMA TRANSITION**

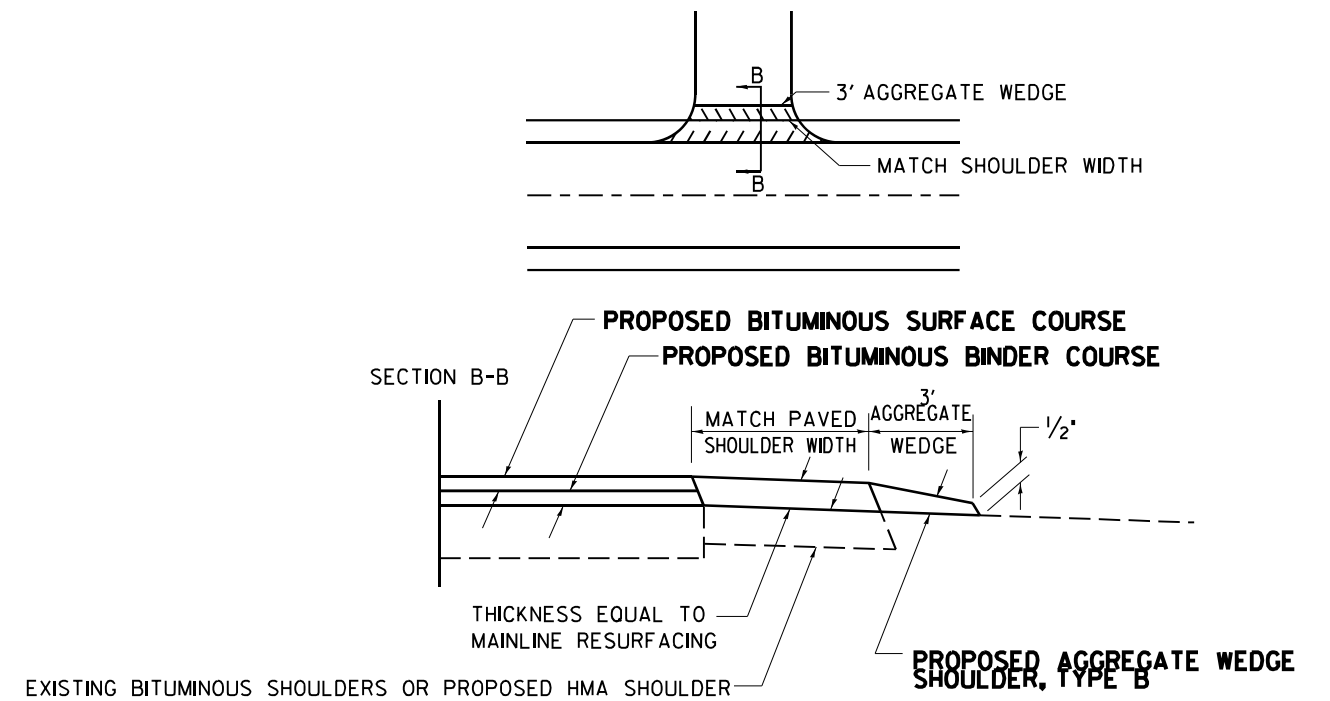
SCALE: SHEET 31 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	31
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				

**DETAIL OF BITUMINOUS, PCC,  
PRIVATE OR COMMERCIAL ENTRANCE  
(BITUMINOUS SHOULDERS)**



**DETAIL OF AGGREGATE PRIVATE, COMMERCIAL, EARTH AND FIELD  
ENTRANCE (BITUMINOUS SHOULDERS)**



MODEL: SIDE ROAD STAND (Sheet)  
FILE NAME: P:\Bids\2023\11\11\DOT\Documents\DOT Office\District 9\ORD Project\78A02\CAD\Drawings\DOT78A02-SR-Entrances.dgn

USER NAME = Jaxon, Tom	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 9/11/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAIL : SIDE ROAD AND ENTRANCE**

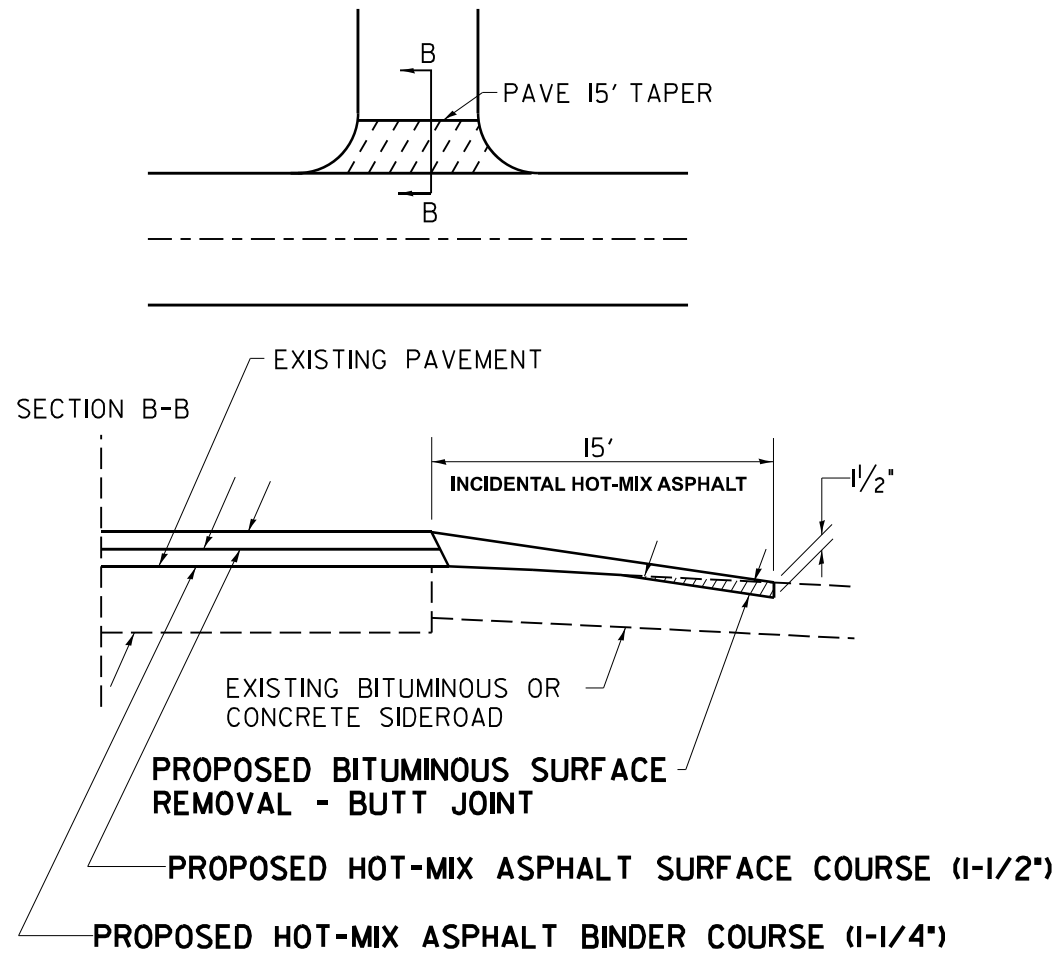
SCALE: SHEET 32 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	32
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				



LOCATION # 1 & 2

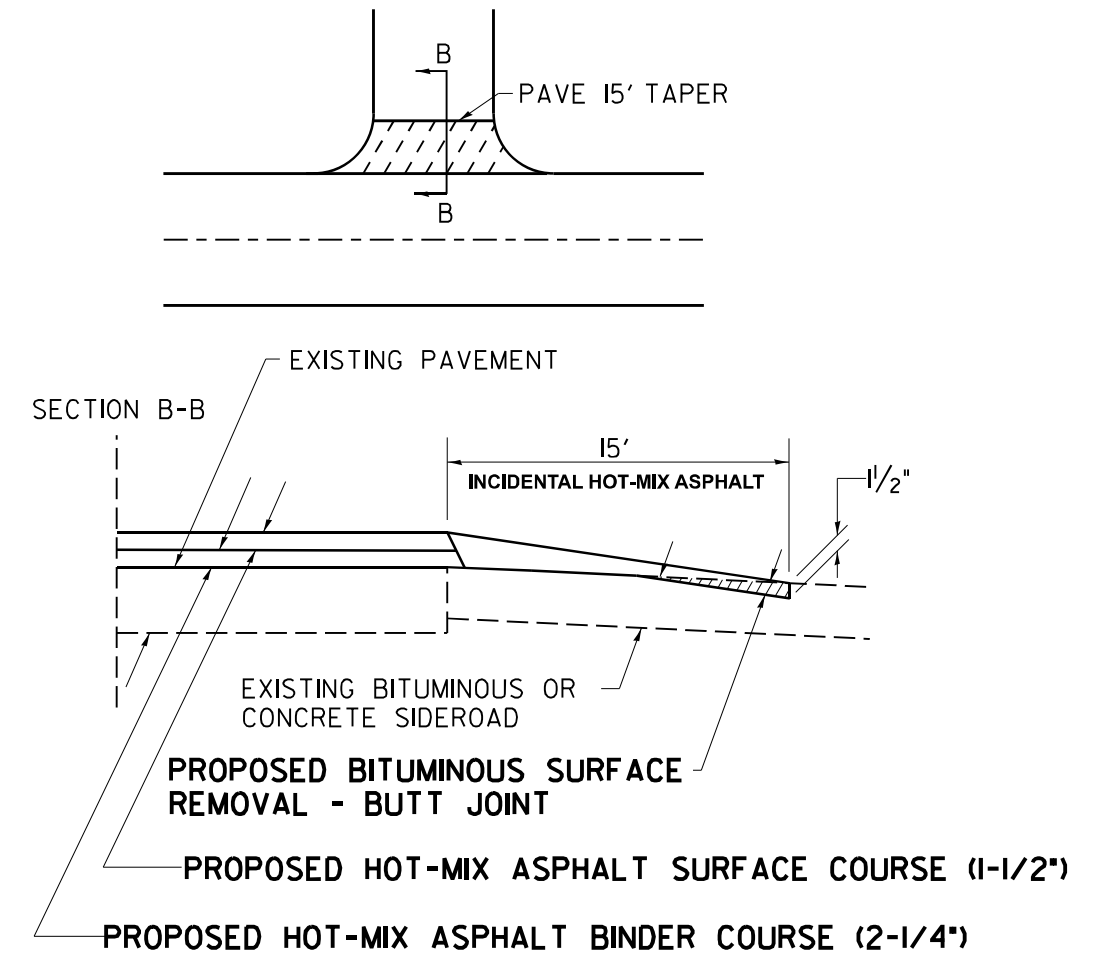
**DETAIL OF BITUMINOUS OR PCC  
SIDEROADS WITH BUTT JOINT**



IF EXISTING BASE COURSE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDEROADS SHALL BE CORED OUT AND AGGREGATE BASE COURSE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDEROAD SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE. IF EXISTING BASE COURSE IS DETERMINED TO BE ADEQUATE, THE AGGREGATE BASE COURSE SHALL BE DELETED AND THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.

LOCATION # 3

**DETAIL OF BITUMINOUS OR PCC  
SIDEROADS WITH BUTT JOINT**



IF EXISTING BASE COURSE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDEROADS SHALL BE CORED OUT AND AGGREGATE BASE COURSE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDEROAD SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE. IF EXISTING BASE COURSE IS DETERMINED TO BE ADEQUATE, THE AGGREGATE BASE COURSE SHALL BE DELETED AND THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.

**NOTES:**

1. INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE PERFORMED IN A SEPERATE OPERATION THAN MAINLINE HOT-MIX ASPHALT SURFACING.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAIL: SIDE ROAD AND ENTRANCES

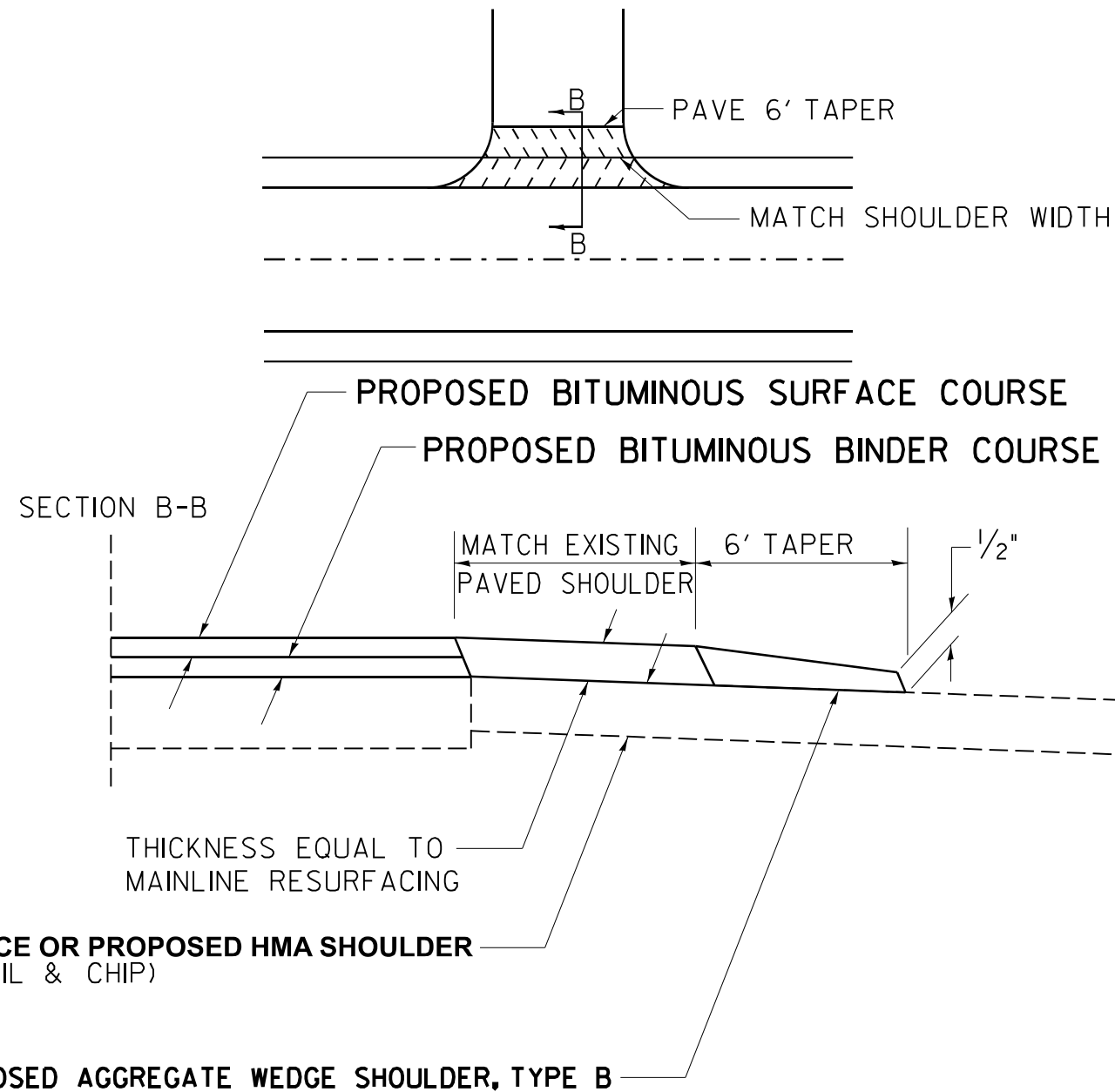
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PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 9/11/2023	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: SHEET 33 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	33
CONTRACT NO. 78A02				
ILLINOIS FED. AID PROJECT				

MODEL: SIDE ROAD AND ENTRANCES (Sheet 1)  
FILE NAME: P:\GIS\Projects\78A02\Drawings\DOT\Office\Drawings\DOT\Drawings\78A02-SR-Entrances.dwg

# DETAIL OF OIL & CHIP PRIVATE OR COMMERCIAL ENTRANCE

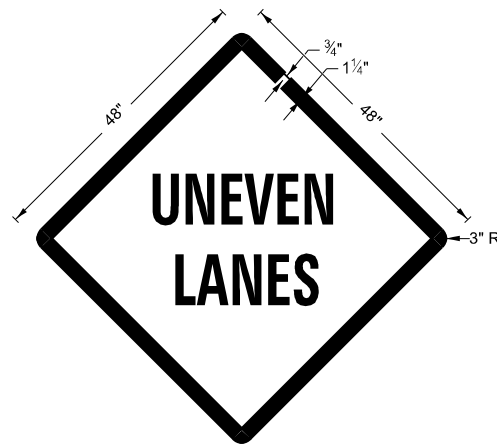


PREPARATION OF EXISTING SURFACE AND ANY EXCAVATION FOR ENTRANCES SHALL  
BE IN ACCORDANCE WITH ARTICLE 406.09 OF THE STANDARD OF SPECIFICATIONS.

MODEL: OIL CHIP (Sheet)  
FILE NAME: P:\DOT\Documents\DOT Office\District 9\ORD Project\78A02\CAD\Drawings\DOT78A02-SHE-Details.dwg

USER NAME = Jaxon, Jom PLOT SCALE = 0.16666633' / in. PLOT DATE = 9/11/2023	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAIL: OIL AND CHIP ENTRANCES</b>	F.A.P. RTE. 312	SECTION (131,132,102,101)RS-8	COUNTY VARIOUS	TOTAL SHEETS 37	SHEET NO. 34
SCALE: SHEET 34 OF 37 SHEETS STA. TO STA.					ILLINOIS FED. AID PROJECT CONTRACT NO. 78A02				

**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.

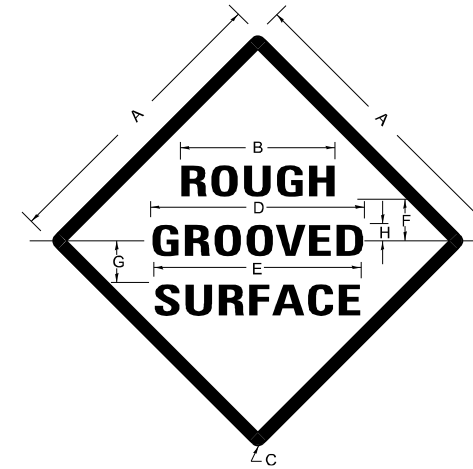
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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.

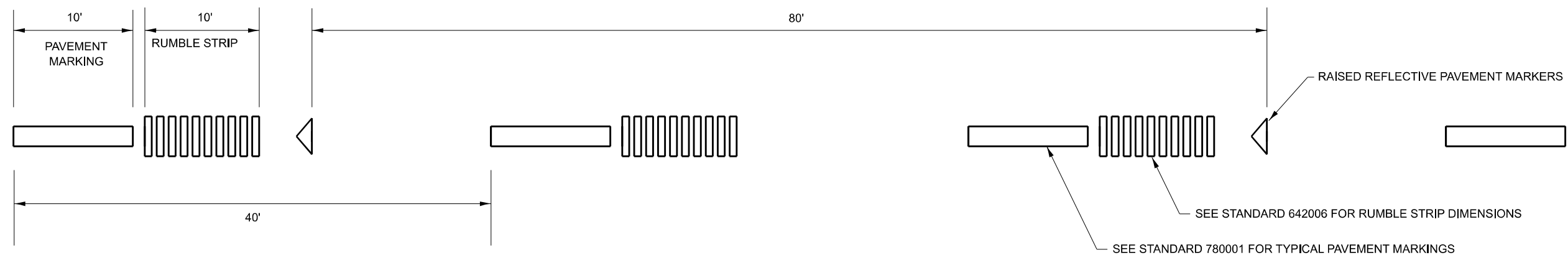
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

**CENTERLINE RUMBLE STRIP DETAIL**



DRAWN	01-08-19
REVISED	10-21-21
REVISED	05-26-22
REVISED	

STD. 9-17

MODEL: \\fs1\share\1\sheet\... FILE NAME: ...

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	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 9/11/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

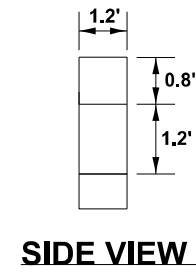
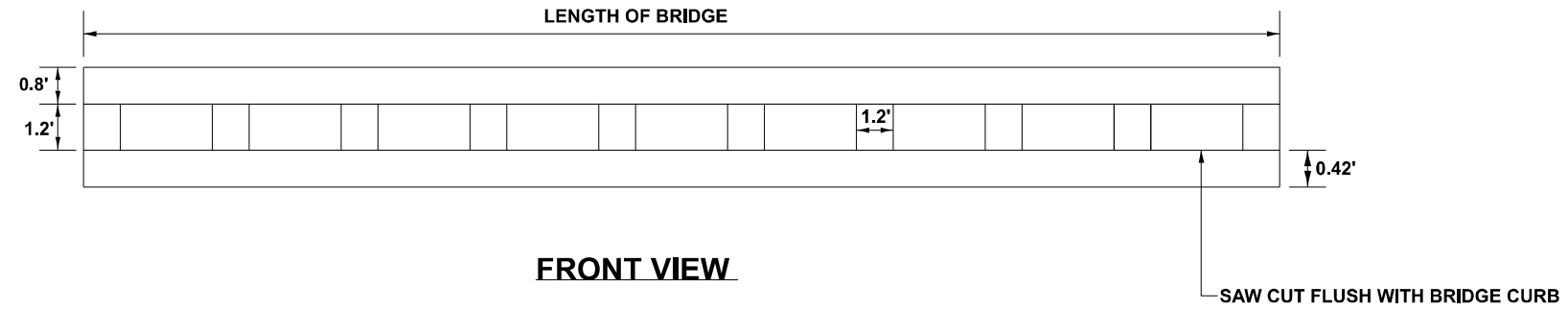
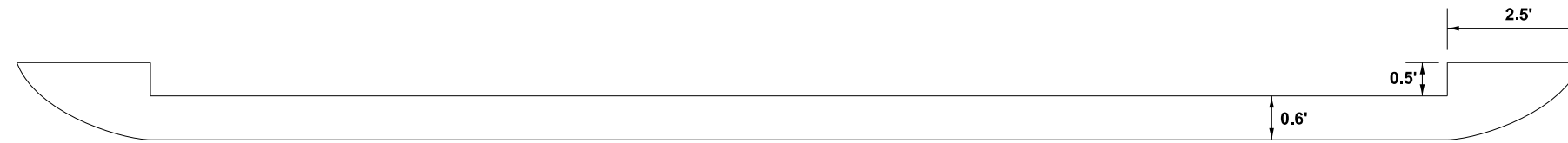
**DETAIL: UNEVEN / ROUGH GROOVED LANES  
CENTERLINE RUMBLE STRIPS**

SCALE: SHEET 35 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	35
				CONTRACT NO. 78A02
ILLINOIS FED. AID PROJECT				



# CONCRETE REMOVAL



STRUCTURE NUMBER	LENGTH OF BRIDGE	CU YD CONCRETE
SN 009-032	53'	33

MODEL: CONCRETE REMOVAL (Sheet)  
 FILE NAME: P:\GIS\Projects\DOT\Documents\DOT Office\District 9\ORD Project\78A02\CAD\Drawings\DOT78A02-SHE-37.rvt

USER NAME = Jaxon_Horn	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633 1/In.	DRAWN -	REVISED -
PLOT DATE = 9/11/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DET 411: CONCRETE REMOVAL

SCALE: SHEET 37 OF 37 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	(131,132,102,101)RS-8	VARIOUS	37	37
				CONTRACT NO. 78A02
ILLINOIS FED. AID PROJECT				