

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 RESURFACE 2025-1	JOHNSON	33	1
ILLINOIS CONTRACT NO. 78A90				

D-99-070-24

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEETS 5-9

PROPOSED HIGHWAY PLANS

FAP ROUTE 885 (IL 146)
SECTION D9 RESURFACE 2025-1
PROJECT STP-8VPS(141)
RESURFACING
JOHNSON COUNTY

TRAFFIC DATA (2023)

ADT: 6000 %TRUCKS: 8%

TOWNSHIPS

VIENNA
GRANTSBURG

STATION EQUATIONS

STA 129+50 BK = 129+62.51 AH
STA 501+37.53 BK = 501+37.41 AH

POSTED SPEED : 55 MPH



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER MICHAEL CHEAK
PROJECT MANAGER SEAN GREENLEE

CONTRACT NO. 78A90

CULVERT OMISSION
SN 044-7100
STA 141+59 TO
STA 142+25

PROJECT BEGINS
OLD METROPOLIS RD
STA 87+58

BRIDGE OMISSION
SN 044-0061
STA 488+41 TO
STA 490+48

C-99-119-24

BRIDGE OMISSION
SN 044-0056
STA 576+26 TO
STA 578+29

T12S

T13S

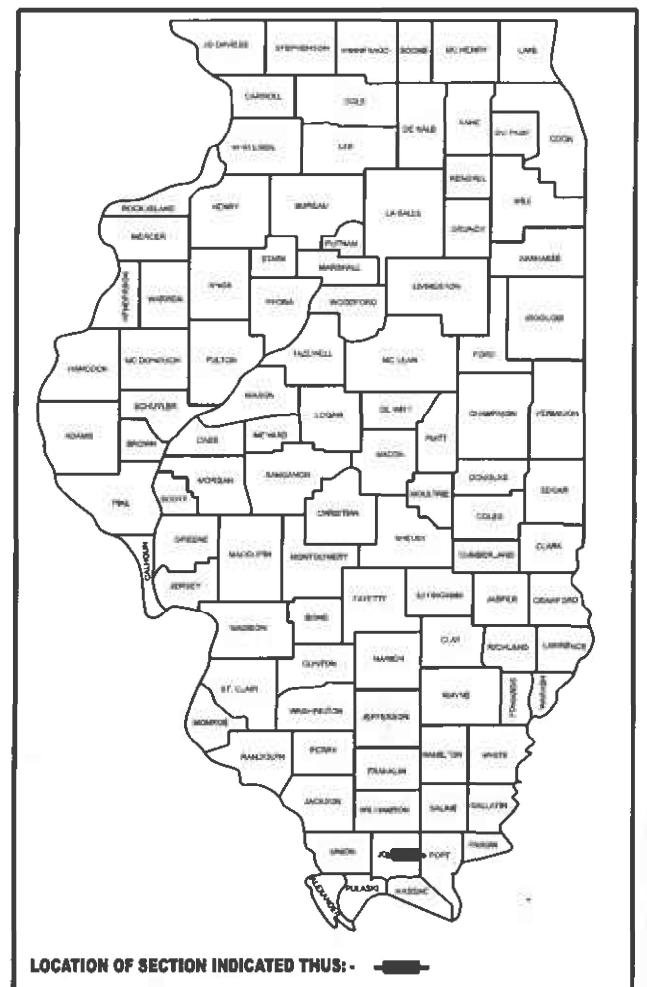
PROJECT ENDS
POPE COUNTY LINE
STA 594+42

BRIDGE OMISSION
SN 044-0022
STA 512+66 TO
STA 513+33

STA 129+50 BK = 129+62.51 AH

GROSS LENGTH = 50684.0 FT. = 9.6 MILE
NET LENGTH = 50141.0 FT. = 9.5 MILE

STA 501+37.53 BK = 501+37.41 AH



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 4 20 24
Kirk H. Brown
REGIONAL ENGINEER

January 31 20 25
Sean A. Cheak
ENGINEER OF DESIGN AND ENVIRONMENT

January 31 20 25
Sean A. Cheak
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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MODEL: Signature Sheet [Sheet]
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PLOT DATE = 12/3/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE: SHEET 2 OF 33 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	DS RESURFACE 2025-1	JOHNSON	33	2
CONTRACT NO. 78A90				
ILLINOIS FED. AID PROJECT				

Prepared By:

Susan Lee

DISTRICT STUDIES & PLANS ENGINEER

Examined By:

Nancy Lee

DISTRICT LAND ACQUISITION ENGINEER

Examined By:

Carrie Nelson

DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By:

Timothy

DISTRICT OPERATIONS ENGINEER

Examined By:

Danley

DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:

Brian Wilk

DISTRICT CONSTRUCTION ENGINEER

Examined By:

Adam Dargatzis

DISTRICT MATERIALS ENGINEER

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS,
4	GENERAL NOTES, MIX DESIGN
5-9	SUMMARY OF QUANTITIES
10-16	TYPICAL SECTIONS: IL 146
17	MAINLINE RESURFACING SCHEDULE
18-19	SHOULDER SCHEDULE
20-22	ENTRANCE AND SIDE ROAD SCHEDULES
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24	PAVEMENT MARKING SCHEDULE
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27	DETAILS: SN 044-0061
28	DETAILS: SN 044-0022
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30	DETAILS: TRANSITION DETAILS
31	DETAILS: SHORT RADIUS GUARDRAIL DETAIL
32	DETAILS: SIDEROAD AND ENTRANCE DETAIL
33	DETAILS: DISTRICT STANDARDS

HIGHWAY STANDARDS

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02 AREAS OF REINFORCEMENT BARS
001006 DECIMAL OF AN INCH AND OF A FOOT
442201-03 CLASS C & D PATCHES
482011-03 HMA SHOULDER, STRIPS SHOULDERS, WITH RESURFACING OR WIDENING & RESURFACING PROJECT
606001-08 CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER
606301-04 PC CONCRETE ISLANDS & MEDIANS
606306-04 CORRUGATED PC CONCRETE MEDIANS
630001-13 STEEL PLATE BEAM GUARDRAIL
630101-11 STRONG POST GUARDRAIL ATTACHED TO CULVERT
630111-01 WEAK POST GUARDRAIL ATTACHED TO CULVERT
630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10 TRAFFIC BARRIER TERMINAL, TYPE 2
631031-18 TRAFFIC BARRIER TERMINAL, TYPE 6
631066 TRAFFIC BARRIER TERMINAL, TYPE 14
701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15 FT AWAY
701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15 FT TO 24 IN FROM PAVEMENT EDGE
701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS 45 MPH OR MORE
701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS 45 MPH OR MORE
701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-07 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS 45MPH OR MORE
701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-10 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
420001-10 PAVEMENT JOINTS

MTD CROSSING RESTRICTIONS TABLE

ROUTE (146) SN & CENTERLINE STATION			EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MAXIMUM GROSS WEIGHT RESTRICTIONS	MTD CROSSING RESTRICTIONS
			FOOT	FOOT	TONS	
SN 044-2003	STA 115+95		11	0.9	40	Emptied *
SN 044-7100	STA 141+92		2.64	0.83	40	Emptied *
SN 044-7058	STA 162+80		1.5	0.83	40	Emptied *
SN 044-7059	STA 187+40		2.2	0.83	40	Emptied *
SN 044-7060	STA 209+35		7	0.83	40	Emptied *
SN 044-7061	STA 263+12		3.7	0.83	40	Emptied *
SN 044-7062	STA 271+25		4.3	0.83	40	Emptied *
SN 044-7063	STA 448+77		2	0.83	40	Emptied *
SN 044-7064	STA 458+31		1.9	0.83	40	Emptied *
SN 044-0061	STA 489+45		NA	NA	40	Emptied *
SN 044-0022	STA 513+00		NA	NA	40	Emptied *
SN 044-0056	STA 577+27		NA	NA	40	Emptied *
SN 044-7065	STA 586+47		3.5	0.83	40	Emptied *

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		DRAWN -	REVISED -					885	D9 RESURFACE 2025-1	JOHNSON	33	3
		CHECKED -	REVISED -					CONTRACT NO. 78A90				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 3	OF 33 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

GENERAL NOTES

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

ALL HOT MIX ASPHALT 2.016 TONS/CU. YD.

ALL AGGREGATE 2.05 TONS/CU. YD.

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

HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE

VIBRATORY ROLLERS WILL NOT BE ALLOWED WITHIN THE CORPORATE LIMITS OF VIENNA AND GRANTSBURG

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

WHEN SHOULDER RESURFACING OF 6 FEET OR LESS IS ALLOWED TO BE PLACED SIMULTANEOUSLY WITH THE ADJACENT TRAFFIC LANE, THE MAINLINE QUALITY MANAGEMENT PROGRAM WILL BE ENFORCED FOR THE MAINLINE AND SHOULDERS

COMMITMENTS: NONE

HMA MIXTURE REQUIREMENTS TABLES CONTD.

Location(s):	Hot-Mix Shoulders (1 1/2" Thickness, Top Lift of all HMA Shoulders)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N30
AB/PG:	PG64-22
Design Air Voids:	4.0%, 30 Gyratation Design
Mixture Composition:	IL-9.5L
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QC/QA
Sublot Size:	3,000 tons
Material Transfer Device (Required?)	No

HMA MIXTURE REQUIREMENTS TABLES

The following HMA mixture requirements are applicable for this project	
Location(s):	Hot-Mix Asphalt Surface Course & Incidental HMA Surface
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D, N70
AB/PG:	PG64-22
Design Air Voids:	4.0%, 70 Gyratation Design
Mixture Composition:	IL-9.5 mm
Friction Aggregate:	Mix D
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	PTP
Sublot Size:	1,000 tons
Material Transfer Device (Required?)	Yes

Location(s):	Hot-Mix Asphalt Binder Course & HMA Shoulder (lower lift greater than or equal to 1 1/4" t
Mixture Use(s):	Hot-Mix Asphalt Binder Course, IL-9.5FG, N70
AB/PG:	PG64-22
Design Air Voids:	4.0%, 70 Gyratation Design
Mixture Composition:	IL-9.5 mm Fine Graded
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	PFP - Mainline & QC/QA- When shoulders paved separately
Sublot Size:	1,000 tons - PFP & 3,000 tons - QC/QA
Material Transfer Device (Required?)	Yes - Mainline, No - When shoulders paved separately

Location(s):	Hot-Mix Binder < 1.25" Thick & HMA Shoulders (lower lift < 1.25" thick)
Mixture Use(s):	Polymerized Hot-Mix Asphalt Binder Course, N50, 4.75mm
AB/PG:	SBSPG76-22
Design Air Voids:	4.0%, 50 Gyratation Design
Mixture Composition:	IL-4.75mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QC/QA
Sublot Size:	3,000 tons
Material Transfer Device (Required?)	No

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, MIX DESIGN

SCALE: SHEET 4 OF 33 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 RESURFACE 2025-1	JOHNSON	33	4
CONTRACT NO. 78A90				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

COUNTY:	JOHNSON CO
ROUTE:	FAP 885
FUNDING:	80% FED / 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	65	65
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	106,139	106,139
40600370	LONGITUDINAL JOINT SEALANT	FOOT	49,035	49,035
40600405	MATERIAL TRANSFER DEVICE	TON	22.860	22.860
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	818	818
40600990	TEMPORARY RAMP	SQ YD	370	370
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	10,143	10,143
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	223	223
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	12,507	12,507
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	121	121
42001300	PROTECTIVE COAT	SQ YD	715	715
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	137,432	137,432
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	3,871	3,871

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SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	COUNTY:	JOHNSON CO
			ROUTE:	FAP 885
			FUNDING:	80% FED / 20% STATE
			LOCATION:	RURAL
			TOTAL QUANTITY	ROADWAY 0005
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	6,728	6,728
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	7,125	7,125
44003100	MEDIAN REMOVAL	SQ FT	5,964	5,964
44201373	CLASS C PATCHES, TYPE I, 12 INCH	SQ YD	12	12
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SQ YD	401	401
44201381	CLASS C PATCHES, TYPE III, 12 INCH	SQ YD	208	208
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	139	139
44213204	TIE BARS 3/4"	EACH	237	237
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	998	998
48203003	HOT-MIX ASPHALT SHOULDERS, 1 1/2"	SQ YD	563	563
48203007	HOT-MIX ASPHALT SHOULDERS, 2 1/2"	SQ YD	2,066	2,066
48203008	HOT-MIX ASPHALT SHOULDERS, 2 3/4"	SQ YD	6,325	6,325
48203009	HOT-MIX ASPHALT SHOULDERS, 3"	SQ YD	480	480

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	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 6	OF 33 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES - CONT

			COUNTY:	JOHNSON CO
			ROUTE:	FAP 885
			FUNDING:	80% FED / 20% STATE
			LOCATION:	RURAL
			TOTAL QUANTITY	ROADWAY 0005
CODE NUMBER	ITEM DESCRIPTION	UNIT		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	770	770
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	4,890	4,890
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2,166	2,166
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	45	45
* 63000055	WEAK POST GUARDRAIL ATTACHED TO CULVERT CASE VI	FOOT	115	115
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	4	4
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3
* 63100119	TRAFFIC BARRIER TERMINAL, TYPE 14	EACH	4	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	13	13
63200310	GUARDRAIL REMOVAL	FOOT	3,303	3,303
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1

* SPECIALTY ITEM

REV - MS

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		CHECKED -	REVISED -					CONTRACT NO. 78A90				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 7	OF 33 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES - CONT

			COUNTY:	JOHNSON CO
			ROUTE:	FAP 885
			FUNDING:	80% FED / 20% STATE
			LOCATION:	RURAL
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
				0005
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	70	70
70300100	SHORT TERM PAVEMENT MARKING	FOOT	17,044	17,044
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ F-I	5,682	5,682
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	73	73
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	161,123	161,123
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	171	171
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	13	13
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	73	73
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	161,123	161,123
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	171	171

* SPECIALTY ITEM

REV - MS

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		DRAWN -	REVISED -					885	D9 RESURFACE 2025-1	JOHNSON	33	8
		CHECKED -	REVISED -					CONTRACT NO. 78A90				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 8	OF 33 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES - CONT

			COUNTY:	JOHNSON CO
			ROUTE:	FAP 885
			FUNDING:	80% FED / 20% STATE
			LOCATION:	RURAL
			TOTAL QUANTITY	ROADWAY
				0005
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	637	637
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	43	43
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	637	637
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	54,123	54,123
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1,485	1,485
Ø Z0076600	TRAINEES	HOUR	500	500
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	50	50
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500

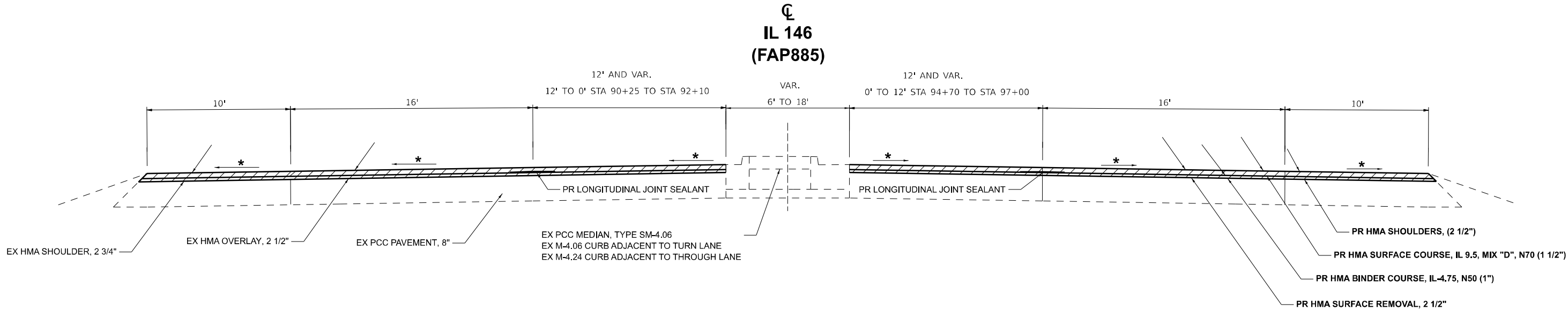
* SPECIALTY ITEM
Ø 0042

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		DRAWN -	REVISED -					885	D9 RESURFACE 2025-1	JOHNSON	33	9
		CHECKED -	REVISED -					CONTRACT NO. 78A90				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 9	OF 33 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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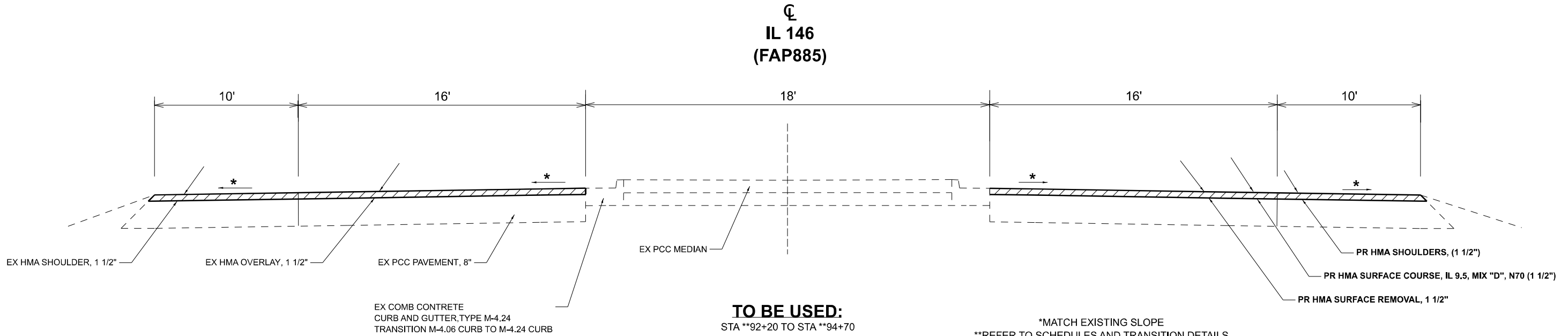


TO BE USED:

STA 87+58 TO **STA 92+20
AND
STA **94+70 TO STA 99+43

*MATCH EXISTING SLOPE

**REFER TO SHCEDULES AND TRANSITION DETAILS



TO BE USED:

STA **92+20 TO STA **94+70

*MATCH EXISTING SLOPE

**REFER TO SCHEDULES AND TRANSITION DETAILS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

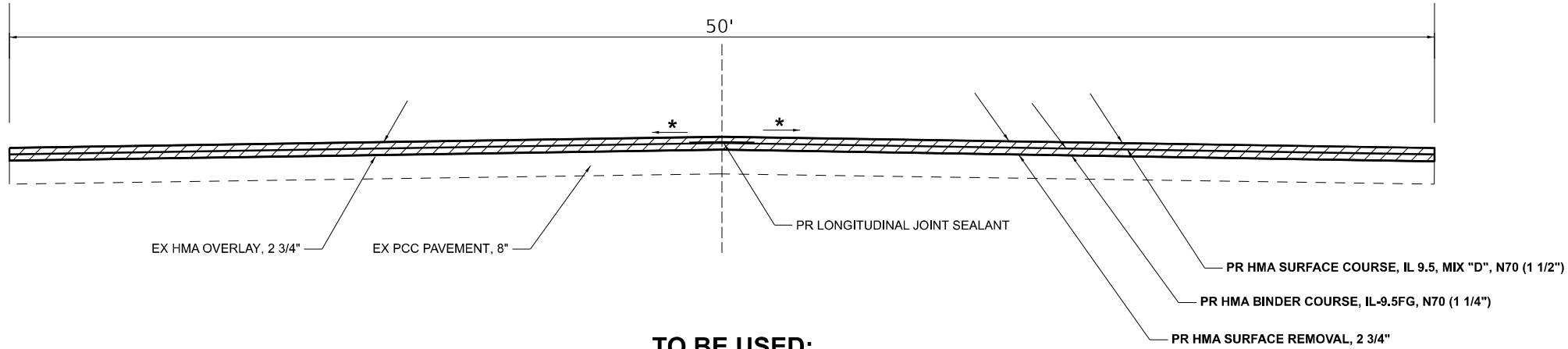
TYPICALS

SCALE: SHEET 10 OF 33 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 RESURFACE 2025-1	JOHNSON	33	10
CONTRACT NO. 78A90				
ILLINOIS FED. AID PROJECT				

MODEL: Typical-2 [Sheet]
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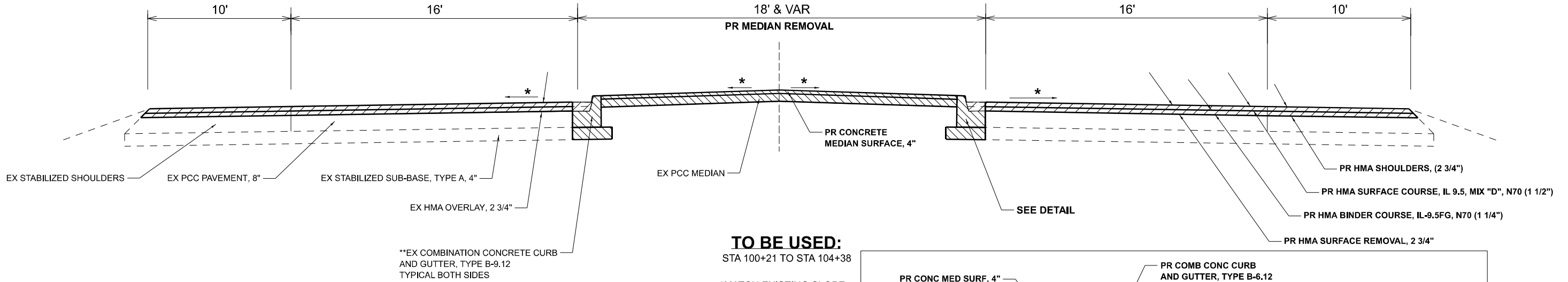
CL
IL 146
(FAP885)



TO BE USED:
STA 99+43 TO STA 100+21

*MATCH EXISTING SLOPE

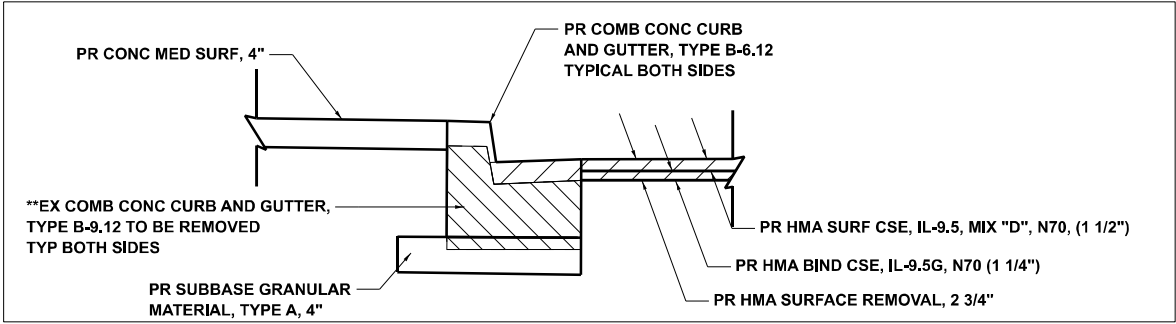
CL
IL 146
(FAP885)



TO BE USED:
STA 100+21 TO STA 104+38

*MATCH EXISTING SLOPE

** EXISTING COMBINATION CURB AND GUTTER REMOVAL TO BE INCLUDED IN THE COST OF MEDIAN REMOVAL



	USER NAME = michael.cheak	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/18/2024	DATE -	REVISED -

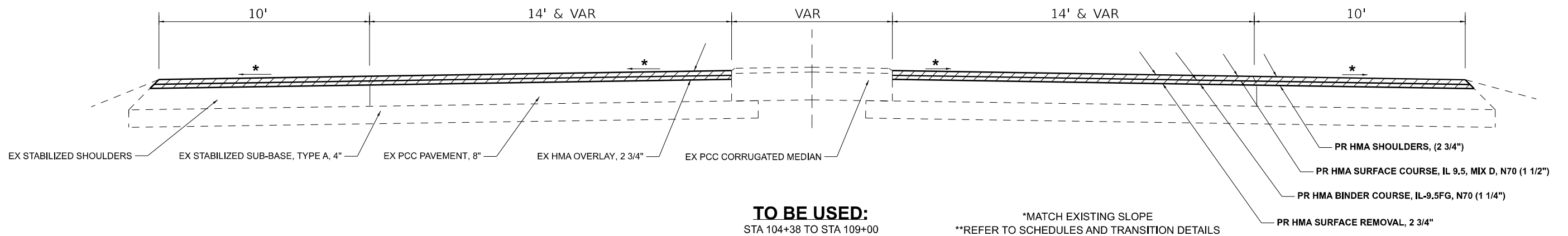
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS

SCALE: SHEET 11 OF 33 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 RESURFACE 2025-1	JOHNSON	33	11
CONTRACT NO. 78A90				
ILLINOIS FED. AID PROJECT				

CL
IL 146
(FAP885)

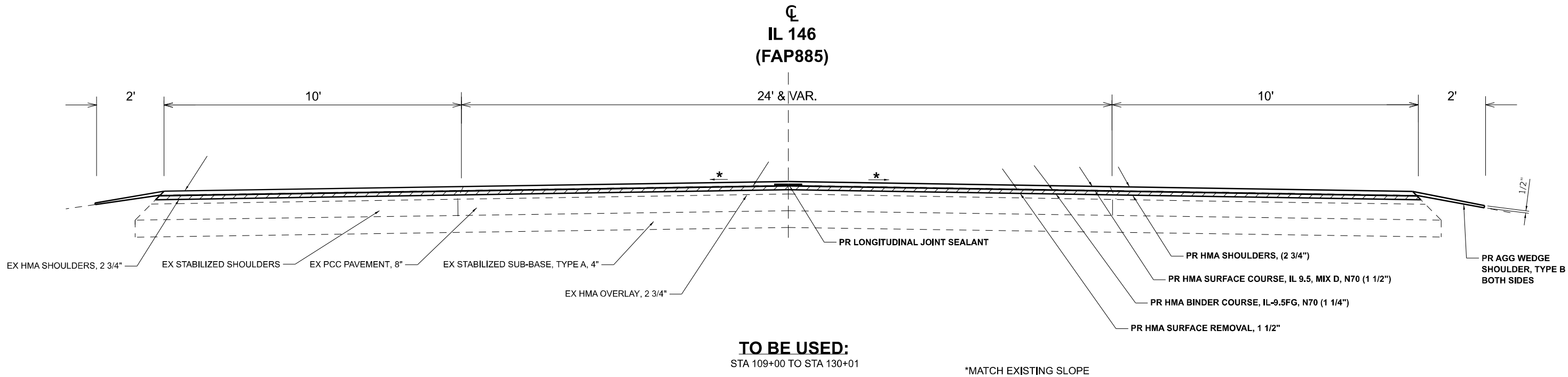


TO BE USED:
STA 104+38 TO STA 109+00

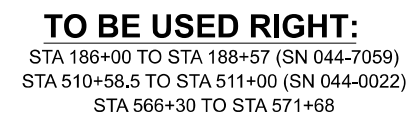
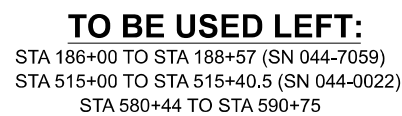
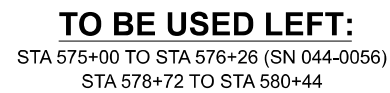
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FILE NAME: c:\p\work\pwork\illinois.gov_michael.cheak\illinois.gov\15566\0978A90-ShtD-Typicals.dgn

	USER NAME = michael.cheak	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICALS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					885	D9 RESURFACE 2025-1	JOHNSON	33	12
		CHECKED -	REVISED -					CONTRACT NO. 78A90				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 12	OF 33 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Typical-4 [Sheet]
FILE NAME: c:\p\work\pwr\illinois.gov_michael.cheak\illinois.gov\15506\0978A90-ShtD-Typicals.dgn



	USER NAME = michael.cheak	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICALS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					885	D9 RESURFACE 2025-1	JOHNSON	33	13
		CHECKED -	REVISED -					CONTRACT NO. 78A90				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 13	OF 33 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

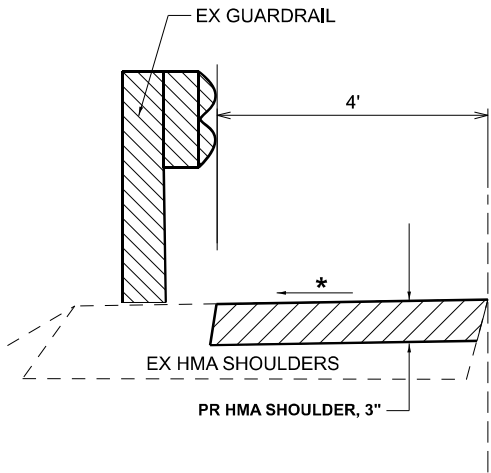


*MATCH EXISTING SLOPE

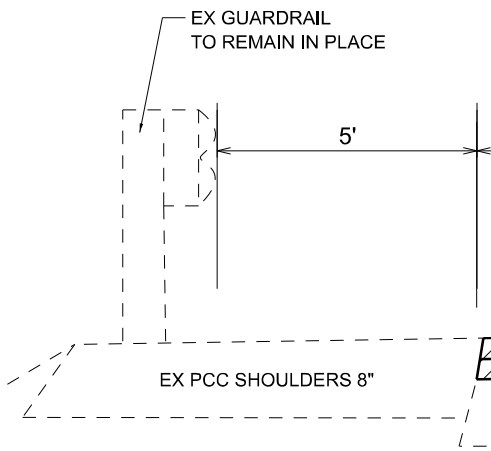
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 RESURFACE 2025-1	JOHNSON	33	14
		CONTRACT NO. 78A90		
		ILLINOIS FED. AID PROJECT		

MODEL: Typical-15 [Sheet]
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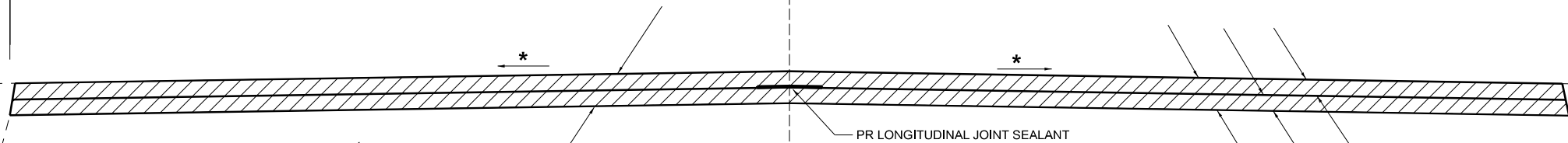
TO BE USED LEFT:
STA 511+66 TO STA 512+46 (SN 044-0022)
STA 513+53 TO STA 514+30 (SN 044-0022)
STA 578+29 TO 578+53



EX PCC PAVEMENT, 7"
EX HMA OVERLAY, 3"

TO BE USED:
STA 140+48 TO STA 141+59
**GAP PCC DECK SN 044-7100 (STA 141+59 TO STA 142+25)
STA 142+25 TO STA 143+62
STA 511+00 TO STA 512+66
***GAP PCC DECK ON SN 044-0022 (STA 512+66 TO STA 513+33)
STA 513+33 TO STA 515+00

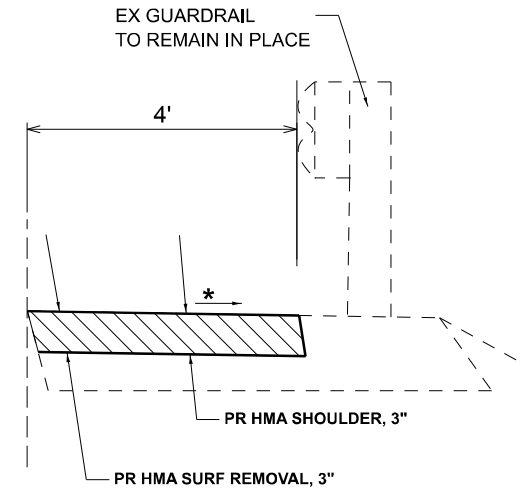
CL
**IL 146
(FAP885)**



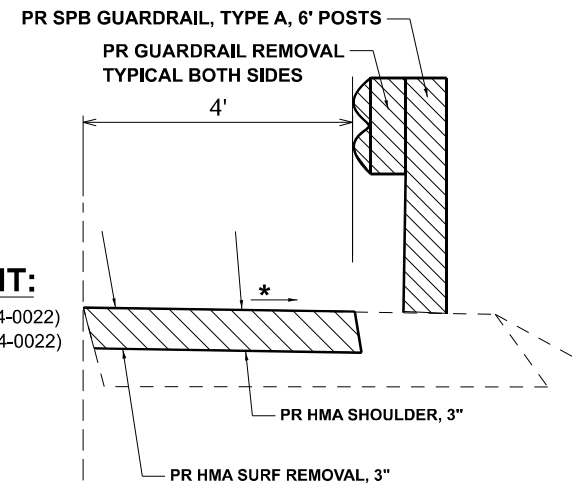
TO BE USED:

STA 140+48 TO STA 141+59
**GAP PCC DECK SN 044-7100 (STA 141+59 TO STA 142+25)
STA 142+25 TO STA 143+62
STA 511+00 TO STA 512+66
***GAP PCC DECK ON SN 044-0022 (STA 512+66 TO STA 513+33)
STA 513+33 TO STA 515+00

TO BE USED RIGHT:
STA 578+29 TO 579+00



TO BE USED RIGHT:
STA 511+66 TO STA 512+46 (SN 044-0022)
STA 513+53 TO STA 514+30 (ST 044-0022)

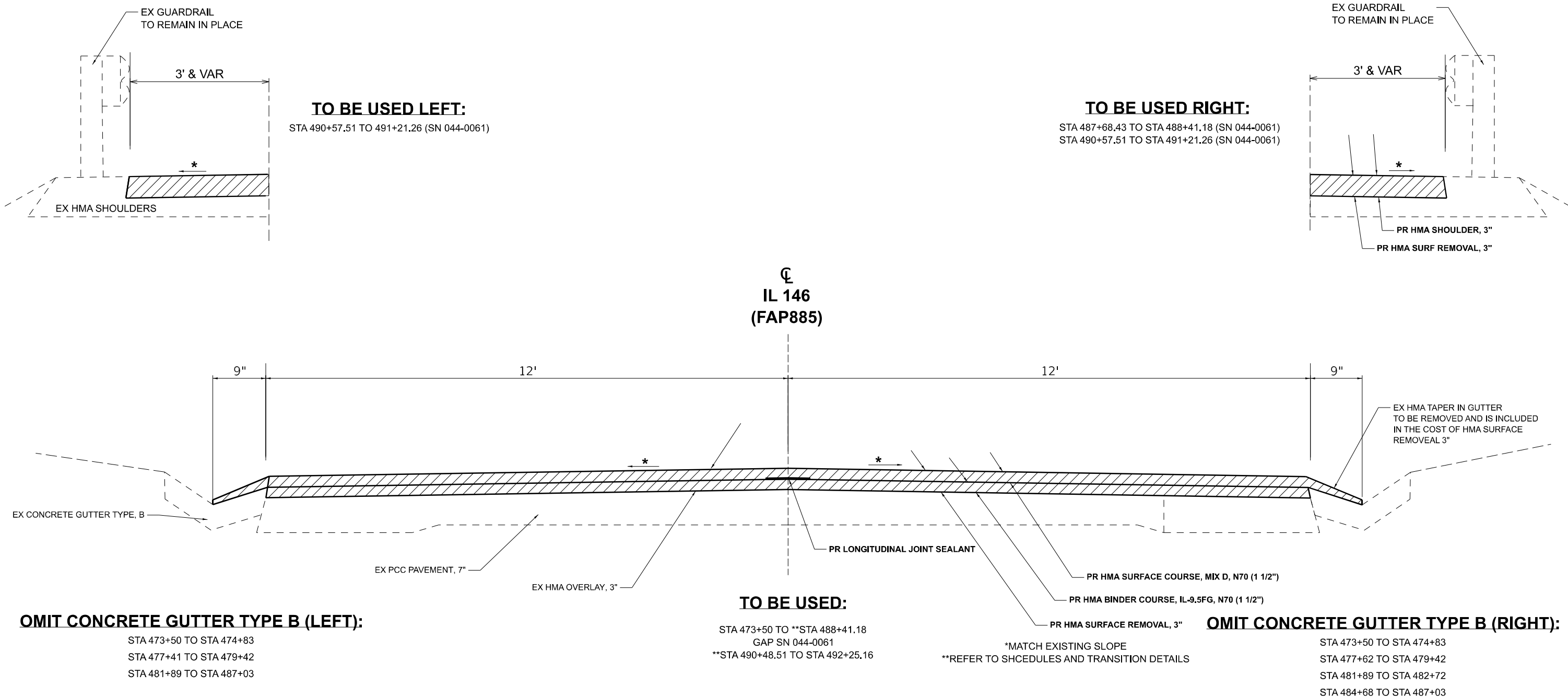


EX GUARDRAIL
TO REMAIN IN PLACE

*MATCH EXISTING SLOPE
**SEE DETAIL SHEET #26
***SEE DETAIL SHEET #28

	USER NAME = michael.cheak	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICALS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					885	D9 RESURFACE 2025-1	JOHNSON	33	15
		CHECKED -	REVISED -					CONTRACT NO. 78A90				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 15	OF 33 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Typical-7 [Sheet]
FILE NAME: c:\p\work\work\illinois.gov_michael.cheak\illinois.gov\1015506\0978A90-ShtD-Typicals.dgn



	USER NAME = michael.cheak	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICALS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					885	D9 RESURFACE 2025-1	JOHNSON	33	16
		CHECKED -	REVISED -		SCALE: SHEET 16 OF 33 SHEETS STA. TO STA.			CONTRACT NO. 78A90				
	PLOT DATE = 12/3/2024	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

IL 146 (FAP885) MAINLINE RESURFACING SCHEDULE

LOCATION STATION TO STATION					LENGTH	ROADWAY WIDTH	PVMT AREA	HMA SURF REM, 1 1/2"	HMA SURF REM 2 1/2"	HMA SURF REM 2 3/4"	HMA SURF REM 3"	HMA SURF REM VAR DEPTH	HMA BINDER COURSE 1L-4.75 N50 (1")	HMA BINDER COURSE 1L-9.5FG N70 (1 1/4")	HMA BINDER COURSE 1L-9.5FG N70 (1 1/2")	HMA SURFACE COURSE 1L-9.5 MIX D N70 (1 1/2")	BIT MATL TACK COAT	LNG. JOINT SEALER	TEMP RAMP	HMA SURF REM- BUTT JOINT	REMARKS
IL146 (FAP 885)					FEET	FEET	SQ FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	POUND	FEET	SQ YD	SQ YD	
87+58		TO	87+63	LT&RT	5	50	250					28				2	19				TRANS DWN
87+63		TO	90+25	LT	262	28	7,336		815				46			69	551	262			
87+63		TO	90+25	RT	262	16	4,192		466				26			39	315				
90+25		TO	91+70	LT	145	28' - 19' VAR	3,408		379				21			32	256	145			
90+25		TO	91+70	RT	145	16	2,320		258				15			22	174				
91+70		TO	92+20	LT	50	19' - 16' VAR	875					98				8	66	20			
91+70		TO	92+20	RT	50	16	800					89				7	60				
92+20		TO	94+70	LT	250	16	4,000	445								37	300				
92+20		TO	94+70	RT	250	16	4,000	445								37	300				
94+70		TO	95+20	LT	50	16	800					89				7	60				
94+70		TO	95+20	RT	50	16' - 19' VAR	875					98				8	66	20?			
95+20		TO	97+00	LT	180	16	2,880		320				18			27	216				
95+20		TO	97+00	RT	180	19' - 28' VAR	4,230		470				27			40	318	180			
97+00		TO	99+38	LT	238	16	3,808		423				24			36	286				
97+00		TO	99+38	RT	238	28	6,664		740				42			62	500	238			
99+38		TO	99+43	LT&RT	5	50	250					28	2			111	19	10			TRANS UP
99+43		TO	100+21	LT&RT	78	50	3,900			433				31		36	293	156			
100+21		TO	105+71	LT&RT	550	30	16,500			1,833				121		144	1,238				
105+71		TO	106+83	LT&RT	112	33' - 28' VAR	3,416		380					27		32	257	112			
106+83		TO	109+00	LT&RT	217	26	5,642			627				44		53	424	217			
109+00		TO	109+25	LT&RT	25	26	650					73		5		6	49	25			
109+25		TO	129+50	BK LT&RT	2,025	26	52,650	5,850						415		494	3,949	2,025			
129+50	BK	TO	129+62.51	AH LT&RT	STATION EQUATION																
129+62.51	AH	TO	139+99	LT&RT	1,036	26	26,949	2,995						213		253	2,022	1,037			
139+99		TO	140+24	LT&RT	25	26	650					73		5		6	49	25			
140+24		TO	141+54	LT&RT	130	26	3,380				376				32	32	254	130	15		SEE DETAIL
141+54			141+59	LT&RT	5	26	130	14								1	7	5	15		SEE DETAIL
141+59		TO	142+25	LT&RT	66	BRIDGE DECK OMISSION SN 044-7100															
142+25			142+30	LT&RT	5	26	130	14								1	7	5	15		SEE DETAIL
142+30			143+62	LT&RT	132	26	3,432				381				32	32	258	132	15		SEE DETAIL
143+62		TO	143+87	LT&RT	25	26	650					73		5		6	49	25			
143+87		TO	473+25	LT&RT	32,938	26	856,388	95,155						6,753		8030	64,230	32,938			
473+25		TO	473+50	LT&RT	25	26	650					73		5		6	49	25			
473+50		TO	488+36	LT&RT	1,486	26	38,636				4,395				366	362	2,898	1,486	15		SEE DETAIL
488+36		TO	488+41	LT&RT	5	26	130	15								1	10	5	15		SEE DETAIL
488+41		TO	490+48	LT&RT	207	BRIDGE DECK OMISSION SN 044-0061															
490+48.51		TO	490+58.51	LT&RT	10	26	260	29								2	20	10	15		SEE DETAIL
490+58.51		TO	492+25.16	LT&RT	167	26	4,333				481				41	41	325	167	15		SEE DETAIL
492+25.16		TO	492+50.16	LT&RT	25	26	650					73			6	6	49	25			
492+50.16		TO	501+37.53	BK LT&RT	887	26	23,072	2,564						182		216	1,731	888			
501+37.53	BK	TO	501+37.41	AH LT&RT	STATION EQUATION																
501+37.41	AH	TO	510+75	LT&RT	938	26	24,377	2,709						192		229	1,829	938			
510+75		TO	511+00	LT&RT	25	26	650					73		5		6	49	25			
511+00		TO	512+46	LT&RT	146	26	3,796				422				36	36	285		15		SEE DETAIL
512+46		TO	512+66	LT&RT	20	26	520	58								5	39	20	15		SEE DETAIL
512+66		TO	513+33	LT&RT	67	BRIDGE DECK OMISSION SN 044-0022															
513+33		TO	513+53	LT&RT	20	26	520	58								5	39	20	15		SEE DETAIL
513+53		TO	515+00	LT&RT	147	26	3,822				425				36	36	287		15		SEE DETAIL
515+00		TO	515+25	LT&RT	25	26	650					73		5		6	49	25			
515+25		TO	576+01	LT&RT	6,076	26	157,976	17,553						1,246		1481	11,849	6,076			
576+01		TO	576+26	LT&RT	25	26	650					73		5		6	49	25	30		SEE DETAIL
576+26		TO	578+29	LT&RT	203	BRIDGE DECK OMISSION SN 044-0056															
578+29		TO	578+34	LT&RT	5	26	130	15								1	10	5	15		SEE DETAIL
578+34		TO	579+00	LT&RT	66	26	1,716				191				16	16	129	66	15		SEE DETAIL
579+00		TO	579+25	LT&RT	25	26	650					73			6	6	49	25			
579+25		TO	594+17	LT&RT	1,492	26	38,792	4,311						306		364	2,910	1,492			
594+17		TO	594+42	LT&RT	25	26	650					73				6		25			TRANS DWN
SUBTOTAL														9,565	578						
TOTAL					50,093			132,231	3,871	3,273	6,671	1,160	223	10,143		12,507	99,247	49,035	240	0	

MODEL: Mainline Resurfacing Schedule (Sheet)
FILE NAME: c:\pav\work\pav\illinois.gov\michael.cheak\illinois.gov\15506\0978A90-Surf-Schedules.dgn

USER NAME = michael.cheak
PLOT DATE = 12/12/2024

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINLINE RESURFACING SCHEDULE

SCALE: SHEET 17 OF 33 SHEETS STA. TO STA.

FAP
RTE.
885

SECTION
D9 RESURFACE 2025-1

COUNTY
JOHNSON

TOTAL
SHEETS
33

SHEET
NO.
17

CONTRACT NO. 78A90

ILLINOIS FED. AID PROJECT

MODEL: Shoulder Schedule (Sheet)
FILE NAME: c:\paw\work\illinois.gov\1015506\0978A90-ShrE-Schedule.dgn

IL 146 (FAP885) SHOULDER SCHEDULE																				
LOCATION STATION TO STATION					LENGTH	SHOULDER WIDTH	SHOULDER AREA	HMA SURFACE REMOVAL 1 1/2"	HMA SURFACE REMOVAL 2 3/4"	HMA SURFACE REMOVAL 3"	HMA SURFACE REMOVAL VARIABLE DEPTH	AGG. WEDGE SHOULDER TYPE -B	HMA SHOULDERS	HMA SHOULDERS 1 1/2"	HMA SHOULDERS 2 1/2"	HMA SHOULDERS 2 3/4"	HMA SHOULDERS 3"	BITUMINOUS MATERIALS TACK COAT	REMARKS	
					FOR INFORMATIONAL PURPOSES ONLY															
IL 146 (FAP885)					(FEET)	(FEET)	(SQ FT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(POUND)		
87+58		TO	87+63		LT&RT	5	10	100				11		2		11			8	TRANS 2.75"-2.5"
87+63		TO	91+70		LT&RT	407	10	8,140		905			127			904			611	INLAY 2.5"
91+70		TO	92+20		LT&RT	50	10	1,000				111		9		111			75	TRANS DOWN 1.5"
92+20		TO	94+70		LT&RT	250	10	5,000	556				47	556					250	INLAY 1.5"
94+70		TO	95+20		LT&RT	50	10	1,000				111		9		111			75	TRANS UP 2.5"
95+20		TO	99+38		LT&RT	418	10	8,360		929			130			929			627	INLAY 2.5"
99+38		TO	99+43		LT&RT	5	10	100				11		2			11		8	TRANS UP2.5-2.75
99+43		TO	99+67		LT	24	10	240		27			4			27			18	INLAY 2.75"
99+43		TO	99+75		RT	32	10	320		36			5			36			24	INLAY 2.75"
100+90		TO	107+07		LT	617	10	6,170		686			106			686			463	INLAY 2.75"
101+16		TO	109+00		RT	784	10	7,840		872			134			871			588	INLAY 2.75"
109+00		TO	109+25		LT&RT	25	10	500				56	1	9		56			38	TRANS UP OVERLAY
109+25		TO	129+33		LT&RT	2,008	10	40,160	4,462			23	687			4,462			3,012	1.25" OVERLAY
129+33		TO	129+50	BK	LT&RT	17	2	68				1								
129+50	BK	TO	129+62.51	AH	STATION EQUATION															
129+62.51	AH	TO	140+24		LT&RT	1,061	2	4,246				24								
140+24		TO	141+59		LT&RT	135	4	1,080												GAP SHLDR
141+59		TO	142+25		LT&RT	GAP SN 044-7057														GAP PCC DECK
142+25		TO	143+62		LT&RT	137	4	1,096												GAP SHLDR
143+62		TO	144+36		LT	74	2	148				1								
143+62		TO	202+20		RT	5,858	2	11,716				65								
145+00		TO	146+30		LT	130	2	260				2								
146+60		TO	171+18		LT	2,458	2	4,916				28								
171+70		TO	185+05		LT	1,335	2	2,670				15								
185+60		TO	241+63		LT	5,603	2	11,206				62								
202+90		TO	223+00		RT	2,010	2	4,020				23								
223+36		TO	231+88		RT	852	2	1,704				10								
232+18		TO	243+87		RT	1,169	2	2,338				13								
241+86		TO	248+21		LT	635	2	1,270				7								
244+52		TO	249+00		RT	448	2	896				5								
248+53		TO	255+92		LT	739	2	1,478				9								
249+30		TO	278+07		RT	2,877	2	5,754				32								
256+53		TO	297+10		LT	4,057	2	8,114				45								
SUBTOTAL								5,018	3,455	0	300	366	1,271	556	2,066	6,149	0	5,797		

	USER NAME = michael.cheak		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER SCHEDULE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED -					885	D9 RESURFACE 2025-1	JOHNSON	33	18
			CHECKED -	REVISED -					CONTRACT NO. 78A90				
	PLOT DATE = 12/12/2024		DATE -	REVISED -		SCALE:	SHEET 18	OF 33	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: Shoulder Schedule Cont (Sheet)
FILE NAME: c:\paw\work\illinois\gov\michael.cheak\illinois.gov\155060978A90-Shoulder Schedules.dgn

IL 146 (FAP885) SHOULDER SCHEDULE CONTD.																				
LOCATION STATION TO STATION						LENGTH	SHOULDER WIDTH	SHOULDER AREA	HMA SURFACE REMOVAL 1 1/2"	HMA SURFACE REMOVAL 2 3/4"	HMA SURFACE REMOVAL 3"	HMA SURFACE REMOVAL VARIABLE DEPTH	AGG. WEDGE SHOULDER TYPE-B	HMA SHOULDERS	HMA SHOULDERS 1 1/2"	HMA SHOULDERS 2 1/2"	HMA SHOULDERS 2 3/4"	HMA SHOULDERS 3"	BITUMINOUS MATERIALS TACK COAT	REMARKS
						FOR INFORMATIONAL PURPOSES ONLY														
IL 146 (FAP885)						(FEET)	(FEET)	(SQ FT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(POUND)	
278+28		TO	283+89		RT	561	2	1,122					6							
284+25		TO	329+60		RT	4,535	2	9,070					50							
297+68		TO	316+94		LT	1,926	2	3,852					21							
317+59		TO	337+73		LT	2,014	2	4,028					22							
329+90		TO	379+50		RT	4,960	2	9,920					55							
338+42		TO	379+50		LT	4,108	2	8,216					45							
380+53		TO	393+60		LT	1,307	2	2,614					14							
380+54		TO	397+40		RT	1,686	2	3,372					19							
395+30		TO	473+25		LT	7,795	2	15,590					86							
397+65		TO	473+25		RT	7,560	2	15,120					84							
473+25		TO	473+50		LT&RT	25	2	100					1							
487+03.		TO	488+36.		LT&RT	133	4	1,064			118			20				118	80	3" INLAY
488+36.		TO	488+41.		LT&RT	5	4	40	4					1	4				2	1.5" INLAY
488+41.		TO	490+57.		LT&RT	GAP SN 044-0061														GAP
490+57.		TO	492+25.		LT&RT	168	3+VARIABLE	1,700			189			32				189	128	3" INLAY
492+25.		TO	495+50		LT	325	2	650					4							
492+25.		TO	501+37.53	BK	RT	913	2	1,825					10							
496+12		TO	501+37.53	BK	LT	526	2	1,051					6							
501+37.53	BK	TO	501+37.41	AH	STATION EQUATION															
501+37.41	AH	TO	511+00		LT&RT	963	2	3,850					21							
511+00		TO	511+66		LT&RT	GAP PCC SHOULDERS														GAP PCC SHLDR
511+66		TO	512+46.29		LT&RT	80	3	482			54			9				54	36	3" INLAY
512+46.29		TO	513+53.71		LT&RT	GAP SN 044-0022														GAP
513+53.71		TO	514+30.		LT&RT	76	3	458			51			9				51	34	3" INLAY
514+30.		TO	515+00.		LT&RT	GAP PCC SHOULDERS														GAP
515+00		TO	537+26		RT	2,226	2	4,452					25							
515+00		TO	574+61		LT	5,961	2	11,922					66							
538+00		TO	573+74.		RT	3,574	2	7,148					40							
574+61		TO	576+01		LT	140	3	420	47					7			47		32	1.25" OVERLAY
573+74.		TO	576+01		RT	227	3	681	76					12			76		51	1.25" OVERLAY
576+01		TO	576+26		LT&RT	25	3	150				17		3				17	11	TRANS DOWN
576+26		TO	578+29		LT&RT	GAP SN 044-0056														GAP
578+29		TO	578+34		LT&RT	5	3	30	3					1	3				2	1.5" INLAY
578+34		TO	579+00		LT&RT	66	3	396			44			7				44	30	3" INLAY
579+00		TO	579+25		LT	25	3	75				8		1				8	6	TRANS UP 1.25" OVER
579+00		TO	594+42		RT	1,542	4	6,168					34							
579+25		TO	580+44		LT	119	4	476	53					8			53		36	1.25" OVERLAY
580+44		TO	594+42		LT	1,398	3	4,194					23							
SUBTOTAL									183	0	454	25	632	110	7	0	176	479	449	
TOTAL									5,201	3,455	454	325	998	1,381	563	2,066	6,325	479	6,246	

MODEL: Entrance and Side Road Schedule - 01 (Sheet)
FILE NAME: c:\p\work\wdo\illinois.gov\michael.cheak\illinois.gov\1015506\0978A90-Side-Schedule.dgn

IL 146 (FAP885) ENTRANCE AND SIDEROAD SCHEDULE													
LOCATION			EXISTING SURFACE TYPE	WIDTH AT 15' OFFSET	WIDTH AT 4' OFFSET	AVERAGE WIDTH	WIDTH AT EOP	PROPOSED AREA	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIAL (TACK COAT)	HMA SURFACE REMOVAL - BUTT JOINT	TEMP RAMP	REMARKS
IL 146 (FAP885)			FOR INFORMATIONAL PURPOSES ONLY										
SIDE	STATION	ENTRANCE TYPE		FT	FT	FT	FT	SQ YD	TONS	PUNDS	SQ YD	SQ YD	
LT	100+00	SIDEROAD	HMA				125					14	INLAY
RT	100+00	SIDEROAD	HMA				144					16	INLAY
LT	108+39	SIDEROAD	HMA				193					21	INLAY
RT	108+39	COMMERCIAL	PCC TO HMA				74					8	INLAY
LT	111+53	PRIVATE	HMA		18	22	25	10	1	4			
RT	118+38	FIELD	AGG			37		16					
LT	122+53	PRIVATE	AGG		32	38	43	17					
RT	123+68	COMMERCIAL	AGG		128	132	136	59	5	26			
LT	127+92	COMMERCIAL	PCC		61	76	90	34	3	15			
EQ. STA. 129+50 BK = 129+62.51 AH													
LT	130+40	COMMERCIAL	AGG			56		25					
RT	137+17	COMMERCIAL	HMA		47	51	55	23	2	10			
RT	138+91	PRIVATE	AGG			50		22					
LT	139+22	FIELD	AGG			28		12					
LT	144+72	SIDEROAD	PCC	33		48	63	80	7	36	80		JOYCE LN
LT	146+44	PRIVATE	HMA		19	25	31	11	1	5			
LT	149+00	PRIVATE	AGG			22		10					
LT	149+77	PRIVATE	AGG			24		11					
RT	151+77	PRIVATE	AGG			66		29					
LT	154+25	PRIVATE	AGG			29		13					
RT	154+25	PRIVATE	AGG			36		16					
LT	154+98	PRIVATE	AGG			25		11					
RT	156+22	PRIVATE	AGG			36		16					
RT	162+37	PRIVATE	AGG			48		21					
LT	163+37	PRIVATE	AGG			32		14					
RT	170+70	COMMERCIAL	AGG			42		19					
LT	171+49	PRIVATE	AGG			52		23					
LT	175+84	COMMERCIAL	AGG			24		40					JOHNSON CEMETERY
LT	178+00	COMMERCIAL	AGG			24		40					JOHNSON CEMETERY
LT	179+34	PRIVATE	AGG			34		15					
LT	185+40	PRIVATE	AGG			48		21					
LT	191+55	SIDEROAD	AGG	29		45	60	74	6	33			JOHNSON LN
RT	195+88	PRIVATE	AGG			24		11					
RT	201+36	SIDEROAD	AGG	25		36	47	60	5	27			S.FORK RD
LT	202+22	PRIVATE	AGG			36		16					
RT	202+56	PRIVATE	HMA		58	63	67	28	2	13			
LT	210+45	PRIVATE	AGG			60		27					
RT	212+88	PRIVATE	AGG			29		13					
RT	214+35	PRIVATE	AGG			34		15					
LT	218+79	PRIVATE	AGG			66		29					
RT	223+22	PRIVATE	HMA		26	31	36	14	1	6			
LT	232+08	PRIVATE	AGG			19		8					
SUB - TOTAL									33	175	80	59	

USER NAME = michael.cheak	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/12/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE AND SIDEROAD SCHEDULE			
SCALE:	SHEET 20	OF 33 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 RESURFACE 2025-1	JOHNSON	33	20
CONTRACT NO. 78A90				
ILLINOIS FED. AID PROJECT				

MODEL: Entrance and Side Road Schedule - 2 [Sheet]
FILE NAME: c:\p\work\illinois.gov\michael.cheak\illinois.gov\1015506\0978A90-Side-Schedule.dgn

IL 146 (FAP885) ENTRANCE AND SIDEROAD SCHEDULE CONTINUED													
LOCATION			EXISTING SURFACE TYPE	WIDTH AT 15' OFFSET	WIDTH AT 4' OFFSET	AVERAGE WIDTH	WIDTH AT EOP	PROPOSED AREA	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIAL (TACK COAT)	HMA SURFACE REMOVAL - BUTT JOINT	TEMP RAMP	REMARKS
IL 146 (FAP885)			FOR INFORMATIONAL PURPOSES ONLY										
SIDE	STATION	ENTRANCE TYPE		FT	FT	FT	FT	SQ YD	TONS	PUNDS	SQ YD	SQ YD	
RT	232+08	PRIVATE	HMA		33	36	39	16	1	7			
RT	235+15	PRIVATE	AGG			46		20					
LT	241+77	PRIVATE	HMA		17	20	23	9	1	4			
RT	244+20	SIDEROAD	HMA	25		40	54	66	6	30	66		STOCKDALE LN
LT	244+33	PRIVATE	AGG			22		88					
LT	248+38	PRIVATE	HMA		21	25	29	11	1	5			
RT	249+17	PRIVATE	HMA		19	22	25	10	1	4			
RT	253+41	PRIVATE	AGG			22		10					
LT	256+23	SIDEROAD	PCC	29		47	64	78	7	35	78		PALO PINTO LN
RT	256+69	PRIVATE	AGG			38		152					
RT	257+80	PRIVATE	AGG			23		10					
RT	261+75	PRIVATE	AGG			35		16					
RT	270+58	PRIVATE	AGG			38		17					
RT	274+25	AGG. FIELD	AGG			22		10					
RT	278+20	PRIVATE	HMA		16	19	21	8	1	4			
RT	282+20	PRIVATE	AGG			32		14					
LT	283+18	PRIVATE	AGG			30		13					
RT	283+45	PRIVATE	AGG			48		21					
RT	284+08	PRIVATE	AGG			39		17					
LT	284+25	PRIVATE	AGG			30		13					
LT	297+42	SIDEROAD	HMA	18		35	52	58	5	26	58		CONCORD CHURCH LN
RT	304+07	AGG. FIELD	AGG			20		9					
RT	311+08	PRIVATE	AGG			34		15					
LT	317+33	COMMERCIAL	PCC		56	60	64	27	2	12	27		
RT	324+95	PRIVATE	AGG			25		11					
RT	326+75	PRIVATE	AGG			23		10					
LT	329+65	PRIVATE	AGG			23		10					
RT	329+77	PRIVATE	HMA		25	28	31	12	1	6			
RT	335+75	PRIVATE	AGG			31		14					
LT	338+14	SIDEROAD	HMA	33		46	59	77	6	35	77		MT. SHELTER RD
LT	346+14	PRIVATE	AGG			36		16					
RT	350+09	COMMERCIAL	AGG			50		22					
RT	356+00	COMMERCIAL	AGG			62		28					
RT	361+25	PRIVATE	AGG			37		16					
LT	364+36	PRIVATE	AGG			36		16					
LT	371+00	AGG. FIELD	AGG			43		19					
LT	380+00	COMMERCIAL	HMA		76	81	85	36	11	60	36		
RT	380+00	SIDEROAD	HMA	43		60	77	100	8	45	100		REEVESVILLE RD
RT	384+40	PRIVATE	AGG			26		12					
RT	392+76	FIELD	AGG			20		80					
LT	394+50	SIDEROAD	HMA		136	160	183	142	12	64	142		8' OFFSET FROM EOP
RT	394+58	PRIVATE	AGG			29		13					
RT	397+52	PRIVATE	HMA		20	23	25	10	1	5			
RT	414+51	PRIVATE	AGG			29		13					
LT	419+05	AGG. FIELD	AGG			71		32					
RT	420+15	PRIVATE	AGG			30		13					
RT	422+12	PRIVATE	HMA		48	52	55	23	2	10			
RT	424+77	PRIVATE	AGG			31		14					
RT	426+72	PRIVATE	AGG			30		13					
RT	433+03	PRIVATE	AGG			29		13					
RT	439+30	PRIVATE	AGG			39		17					
SUB - TOTAL									66	352	584	0	

USER NAME = michael.cheak	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/12/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE AND SIDERAOD SCHEDULE CONTINUED			
SCALE:	SHEET 21	OF 33 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 RESURFACE 2025-1	JOHNSON	33	21
CONTRACT NO. 78A90				
ILLINOIS FED. AID PROJECT				

IL 146 (FAP885) ENTRANCE AND SIDEROAD SCHEDULE CONTINUED

LOCATION			EXISTING SURFACE TYPE	WIDTH AT 15' OFFSET	WIDTH AT 4' OFFSET	AVERAGE WIDTH	WIDTH AT EOP	PROPOSED AREA	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIAL (TACK COAT)	HMA SURFACE REMOVAL - BUTT JOINT	TEMP RAMP	REMARKS
IL 146 (FAP885)			FOR INFORMATIONAL PURPOSES ONLY						TONS	POUNDS	SQ YD	SQ YD	
SIDE	STATION	ENTRANCE TYPE		FT	FT	FT	FT	SQ YD					
LT	444+78	PRIVATE	AGG			31		14					
LT	446+57	PRIVATE	AGG			30		13					
LT	448+33	PRIVATE	AGG			27		12					
RT	454+86	PRIVATE	AGG			23		10					
RT	458+65	PRIVATE	AGG			40		18					
LT	461+00	PRIVATE	AGG			42		19					
RT	464+18	PRIVATE	AGG			24		11					
LT	472+88	PRIVATE	AGG			46		20					
RT	473+82	PRIVATE	AGG				30					3	INLAY
LT	474+27	PRIVATE	AGG				25					3	INLAY
RT	474+76	PRIVATE	AGG				25					3	INLAY
LT	475+30	PRIVATE	AGG				25					3	INLAY
LT	478+10	SIDEROAD	AGG				26					3	INLAY
LT	478+80	PRIVATE	AGG				28					3	INLAY
RT	479+41	SIDEROAD	AGG				33					4	INLAY
LT	480+31	PRIVATE	AGG				35					4	INLAY
LT	482+00	PRIVATE	AGG				42					5	INLAY
LT	483+47	PRIVATE	AGG				25					3	INLAY
LT	484+91	PRIVATE	AGG				28					3	INLAY
LT & RT	485+49	SIDEROAD	AGG				74					8	INLAY
LT & RT	486+20	COMMERCIAL	HMA/HMA				82					9	INLAY
LT	488+12	PRIVATE	AGG				30					3	INLAY
RT	491+71	FIELD	AGG				30					3	INLAY
LT	495+82	SIDEROAD	HMA	24		40	56	67	6	30	67	6	FLATT WOOD RD
EQ. STA. 501+37.53 BK - 501+37.41 AH													
RT	525+65	PRIVATE	AGG			32		14					
RT	531+92	PRIVATE	AGG			28		12					
RT	534+25	PRIVATE	AGG			28		12					
RT	537+69	SIDEROAD	HMA	40		52	64	87	7	39	87		MC CLANAHAN LN
RT	538+71	PRIVATE	AGG			35		16					
RT	544+74	PRIVATE	AGG			36		16					
RT	546+10	PRIVATE	AGG			27		12					
RT	546+76	PRIVATE	AGG			27		12					
RT	548+90	PRIVATE	AGG			26		12					
RT	550+48	PRIVATE	AGG			26		12					
RT	552+85	PRIVATE	AGG			34		15					
RT	553+20	PRIVATE	AGG			28		12					
RT	556+10	PRIVATE	AGG			28		12					
LT	560+10	COMMERCIAL	AGG			36		16					NELSON CEMETARY
LT	566+23	SIDEROAD	AGG	17		28	39	47	4	21			COLONIAL LN
RT	566+17	SIDEROAD	AGG	21		28	35	47	4	21			NELSON LN
LT	578+70	SIDEROAD	AGG			26	46	43				5	INLAY (FRANKLIN)
RT	586+97	PRIVATE	HMA		33	38	42	17	1	8			
LT	593+70	FIELD ENTRNCE	AGG			30		13					
RT	594+17	FIELD ENTRNCE	AGG			116		52					
END	594+42	END OF PROJECT											
SUB - TOTAL									22	119	154	71	
TOTAL									121	646	818	130	

MODEL: Entrance and Side Road Schedule - 3 [Sheet]
FILE NAME: c:\p\work\illinois\gov\michael.cheak\illinois.gov\1015506\0978A90-Site-Schedules.dgn

USER NAME = michael.cheak	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -
PLOT DATE = 12/12/2024		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE AND SIDERAOD SCHEDULE CONTINUED			
SCALE:	SHEET 22	OF 33 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 RESURFACE 2025-1	JOHNSON	33	22
CONTRACT NO. 78A90				
ILLINOIS FED. AID PROJECT				

MODEL - Guardrail - Island and Comb Curb and Gutter Schedule (Sheet)
FILE NAME - c:\paw\work\illinois\gov\michael.cheak\illinois.gov\1015506\0978A90-ShtE-Schedules.dgn

IL 146 (FAP 885) GUARDRAIL SCHEDULE																
LOCATION STATION TO STATION				LENGTH	GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT POSTS	TRAFFIC BARRIER TERMINAL , TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REFLECTORS TYPE A	TRAFFIC BARRIER TERMINAL TYPE 14	TRAFFIC BARRIER TERMINAL TYPE 6	WEAK POST GUARD RAIL ATTACHED TO CULVERT CASE VI	TERMINAL MARKER - DIRECT APPLIED	TRAFFIC BARRIER TERMINAL TYPE 2	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	STRONG POST GUARDRAIL ATTACHED TO CULVERT	COMMENTS
IL 146 (FAP 885)				FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	FOOT	FOOT	
186+00	TO	188+57	LR&RT	515	515	200	4	6			115	4				SN 044-7059
510+57	TO	512+46	RT	189	189	100	1	3	1			1				SN 044-0022
511+46	TO	512+46	LT	100	94	13	1	1	1			1				SN 044-0022
512+46	TO	513+53	LT&RT	107	GAP PCC DECK ON SN 044-0022											SN 044-0022
513+53	TO	514+53	RT	100	94	13	1	1	1			1				SN 044-0022
513+53	TO	515+40.5	LT	188	190	100	1	3	1			1				SN 044-0022
566+30	TO	571+68	RT	538	538	438	2	7				2				NO STRUCTURE
574+08	TO	576+58	RT	250	246	163	1	3		1		1				SN 044-0056
574+95.5	TO	576+58	LT	163	158	75	1	2		1		1				SN 044-0056
576+58	TO	577+97.5	LT&RT	140	GAP PCC DECK ON SN 044-0056											SN 044-0056
577+96	TO	578+52	LT	70	70			2		1			2	25		LENGTH ADDED DUE TO RADIUS GR.
578+72	TO	590+75	LT	1,209	1,209	1,064	1	15				1	2	25	45	LENGTH ADDED DUE TO RADIUS GR.
TOTALS					3303	2166	13	43	4	3	115	13	4	50	45	

IL 146 (FAP 885) MEDIAN, CURB AND GUTTER SCHEDULE											
LOCATION STATION TO STATION				TOTAL LENGTH	MEDIAN REMOVAL	CONCRETE MEDIAN SURFACE, 4"	COMBINATION CURB AND GUTTER TYPE B-6.12	PROTECTIVE COAT	SUBBASE GRANULAR MATERIAL, TYPE A	TIE BARS 3/4"	COMMENTS
IL 146 (FAP 885)				FOOT	SQFT	SQFT	FOOT	SQYD	TON	EACH	
100+21	TO	104+38	LT&RT	417	5964	4890	770	715	65	237	CURB=358' * 2
TOTALS				417	5964	4890	770	715	65	237	

	USER NAME = michael.cheak		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL, MEDIAN, CURB AND GUTTER SCHEDULE					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	REVISED -							885	D9 RESURFACE 2025-1	JOHNSON	33	23
			CHECKED -	REVISED -							CONTRACT NO. 78A90				
	PLOT DATE = 12/12/2024		DATE -	REVISED -		SCALE:	SHEET 23	OF 33	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

IL 146 (FAP 885) PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION				LENGTH	EDGE LINE OMISSIONS	THERMOPLASTIC PAVEMENT MARKING					SHORT TERM MARKING			RRPM		REMARKS	
						LINE 4"				LINE 24"	LETTERS AND SYMBOLS	SKIP DASH	STOP BARS	EDGE LINE FOR SHOULDERS	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL		RAISED REFLECTIVE PAVEMENT MARKER PROPOSED
						WHITE	YELLOW			WHITE							
						SOLID	SOLID	DOUBLE	SKIP DASH	SOLID							
IL 146 (FAP 885)				(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(SQ FT)	(FEET)	(FEET)	(FEET)	(EACH)	(EACH)		
87+57		TO	106+83		1,926	215	4,380	3,702				578		116	24	24	124 Ramps "D"=125' & "C"=90'
89+89				LT							36.5						TURN LANE LETTERING
97+16				RT							36.5						TURN LANE LETTERING
106+83		TO	125+42		1,859	140	3,718			470		558		112	23	23	LINE OMISSION FOR IL147 = 140'
125+42		TO	129+50	BK	408		816	408		110		122		24	5	5	
129+50	BK	TO	129+62.51	AH	STATION EQUATION												
129+62.51	AH	TO	136+85		722							217			9	9	
136+85		TO	171+95		3,510	105	7,020		7,020		24	1053	216	41	44	44	LINE OMISSION COUNTRY CLUB, JOYCE LN.
171+95		TO	182+86		1,091		2,182	1,091		280		327			14	14	
182+86		TO	186+70		384		768			100		115			5	5	
186+70		TO	196+31		961	65	1,922	961		240		288			12	12	LINE OMISSION AT JOHNSON LN.
196+31		TO	199+77		346		692		692			104			4	4	
199+77		TO	210+13		1,036	45	2,072	1,036		260	10	311	90		13	13	LINE OMISSION AT S. FORK LN, STOP BAR
210+13		TO	212+66		253		506			70		76			3	3	
212+66		TO	220+41		775		1,550	775		200		233			10	10	
220+41		TO	223+20		279		558			70		84			3	3	
223+20		TO	231+62		842		1,684	842		220		253			11	11	
231+62		TO	261+90		3,028	120	6,056			760	12	908	108		38	38	STOCKDALE LN, PALO PINTO
261+90		TO	270+95		905		1,810	905		230		272			11	11	
270+95		TO	283+77		1,282		2,564		2,564			385			16	16	
283+77		TO	294+00		1,023		2,046	1,023		260		307			13	13	
294+00		TO	303+51		951	45	1,902	951		240	10	285	90		12	12	LINE OMISSION CONCORD CH. LN. & STOP BAR.
303+51		TO	324+30		2,079		4,158		4,158			624			26	26	
324+30		TO	335+83		1,153		2,306	1,153		290		346			14	14	
335+83		TO	345+31		948	60	1,896			240	13	284	117		12	12	MT. SHELTER RD.
345+31		TO	353+00		769		1,538	769		200		231			10	10	
353+00		TO	356+76		376		752			100		113			5	5	
356+76		TO	362+94		618		1,236	618		160		185			8	8	
362+94		TO	403+37		4,043	270	8,086			1,020	70	1213	630		51	51	
403+37		TO	414+49		1,112		2,224	1,112		280		334			14	14	
414+49		TO	426+09		1,160		2,320		2,320			348			15	15	
426+09		TO	435+93		984		1,968	984		250		295			12	12	
435+93		TO	440+40		447		894			120		134			6	6	
440+40		TO	448+45		805		1,610	805		210		242			10	10	
448+45		TO	450+75		230		460			60		69			3	3	
450+75		TO	455+42		467		934	467		120		140			6	6	
455+42		TO	461+25		583		1,166		1,166			175			7	7	
461+25		TO	467+39		614		1,228	614		160		184			8	8	
467+39		TO	498+33		3,094	178	6,188		6,188		15	928	135	8	39	39	OMIT SIDEROADS WIDTH AT EOP
498+33		TO	501+37.53	BK	305		609	305		80		91			4	4	
501+37.53	BK	TO	501+37.41	AH	STATION EQUATION												
501+37.41	AH	TO	509+45		808							242			10	10	
509+45		TO	521+67		1,222		2,444			310		367			15	15	
521+67		TO	532+61		1,094		2,188	1,094		280		328			14	14	
532+61		TO	534+28		167		334		334			50			2	2	
534+28		TO	542+00		772	65	1,544	772		200		232			10	10	MC CLANAHAN LN.
542+00		TO	544+97		297		594		594			89			4	4	
544+97		TO	553+00		803		1,606	803		210		241			10	10	
553+00		TO	594+42		4,142	105	8,284		8,284		17	1243	153		52	52	COLONIAL LN, NELSON LN, FRANKLIN LN.
SUBTOTAL							98,813	21,190	33,320	7,800		15204	1539	301			
TOTAL					50673	1413	161,123			171	73	17044		637	637		

REV - MS

MODEL: Pavement Marking Schedule (Sheet)
FILE NAME: c:\p\work\il146\il146_shtE-Schedules.dgn

USER NAME = michael.cheak	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/12/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SCHEDULE

SCALE: SHEET 24 OF 33 SHEETS STA. TO STA.

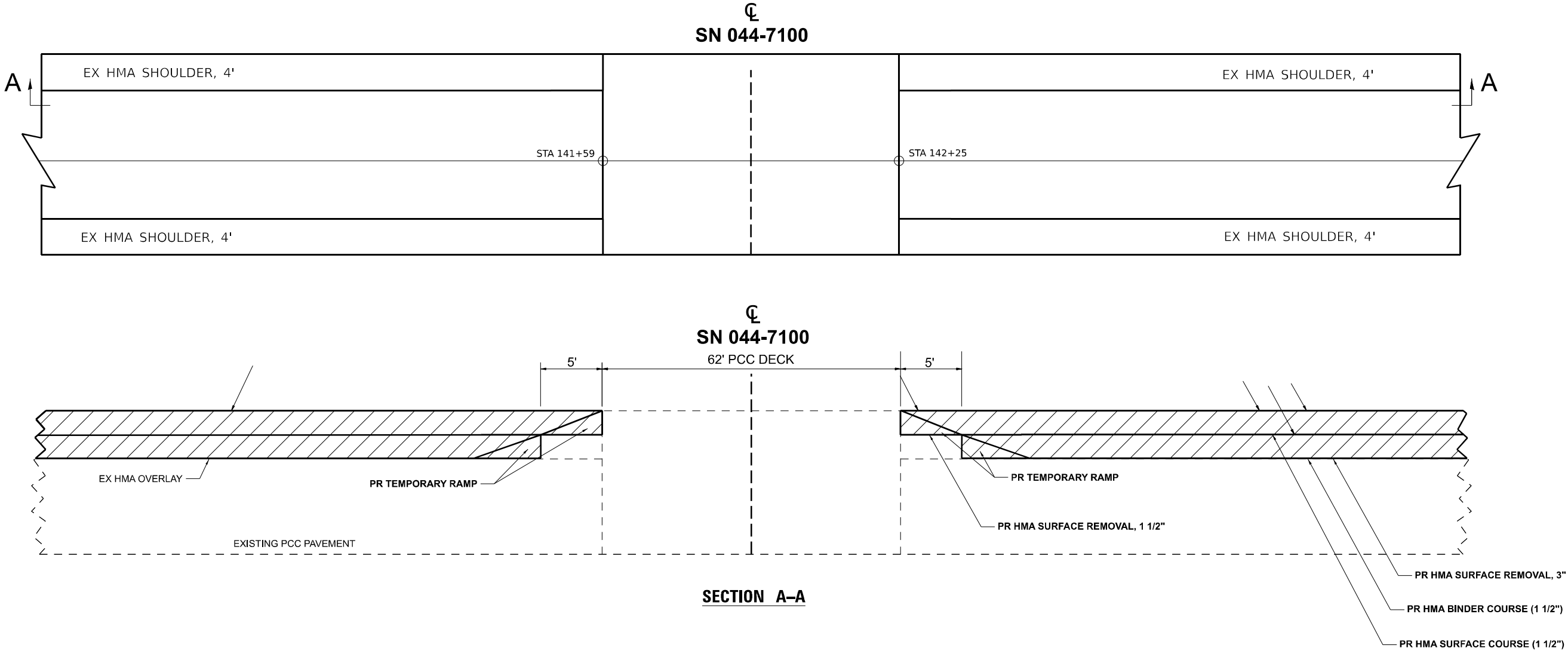
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 RESURFACE 2025-1	JOHNSON	33	24
CONTRACT NO. 78A90				
ILLINOIS FED. AID PROJECT				

MODEL: Patching Schedule - 01 [Sheet]
FILE NAME: c:\pa_work\work\illinois.gov_michael.cheak\0978A90-ShtE-Schedules.dgn

IL 146 PATCHING SCHEDULE								
LANE	DISTANCE FROM END	LENGTH	WIDTH	AREA	CLASS C PATCHES, TYPE I 12"	CLASS C PATCHES, TYPE II 12"	CLASS C PATCHES, TYPE III 12"	CLASS C PATCHES, TYPE IV 12"
(FOR INFORMATION ONLY)								
EB/WB	MILE POST	(FOOT)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
EB	0.0	4	16	8		8		
		12	16	22			22	
		11	16	20			20	
		6	16	11		11		
	0.4	10	12	14		14		
		13	12	18			18	
		5	12	7		7		
		6	12	8		8		
		6	12	8		8		
		6	12	8		8		
		8	12	11		11		
	1.2	13	12	18			18	
	1.9	6	12	8		8		
	2.0	8	12	11		11		
	2.7	5	12	7		7		
	3.2	15	12	20			20	
		9	12	12		12		
	3.8	13	5	8		8		
	4.1	100	6	67				67
	4.4	10	12	14		14		
	5.8	6	12	8		8		
	7.8	14	13	21			21	
	8.5	5	12	7		7		
	8.6	6	12	8		8		
		5	12	7		7		
	8.8	6	5	4	4			
	8.9	8	12	11		11		
		8	12	11		11		
		6	12	8		8		
SUBTOTAL				385	4	195	119	67

IL 146 PATCHING SCHEDULE CONTINUED								
LANE	DISTANCE FROM END	LENGTH	WIDTH	AREA	CLASS C PATCHES, TYPE I 12"	CLASS C PATCHES, TYPE II 12"	CLASS C PATCHES, TYPE III 12"	CLASS C PATCHES, TYPE IV 12"
(FOR INFORMATION ONLY)								
EB/WB	MILE POST	(FOOT)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
		6	12	8		8		
		5	12	7		7		
		6	12	8		8		
		6	12	8		8		
		6	12	8		8		
		6	6	4	4			
		4	12	6		6		
	9.0	5	12	7		7		
WB		16	40	72				72
		12	16	22			22	
		12	16	22			22	
		5	12	7		7		
	0.4	9	12	12		12		
		10	12	14		14		
		5	12	7		7		
		5	12	7		7		
		5	12	7		7		
		5	12	7		7		
		5	12	7		7		
	1.0	8	12	11		11		
	1.2	6	12	8		8		
	1.6	33	6	22			22	
		20	6	14		14		
	2.8	5	12	7		7		
	3.2	6	6	4	4			
	4.1	50	4	23			23	
	6.4	10	12	14		14		
	7.4	10	12	14		14		
	8.6	5	12	7		7		
	8.9	8	12	11		11		
SUBTOTAL				375	8	206	89	72
IL 146 TOTAL				760	12	401	208	139

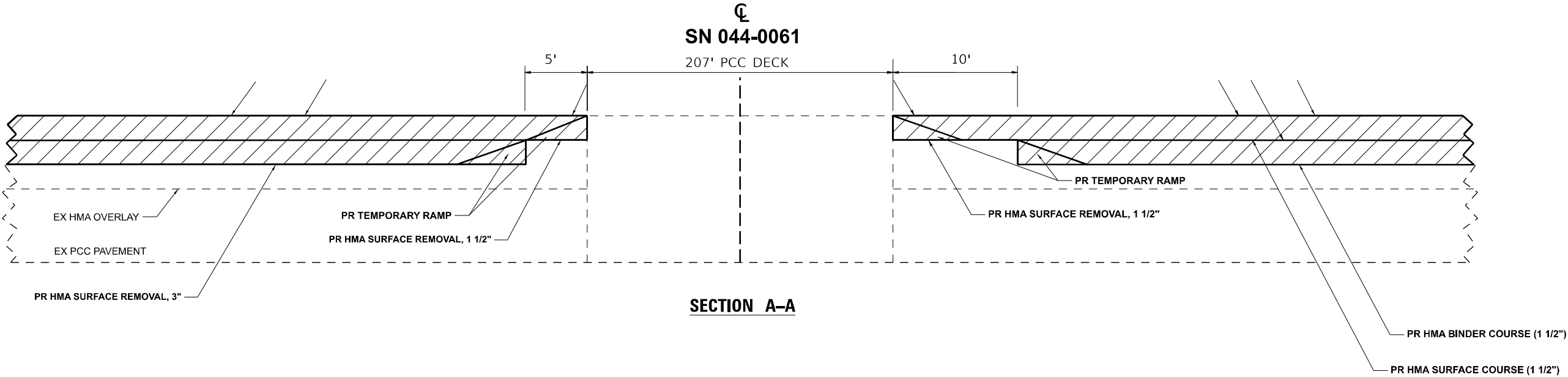
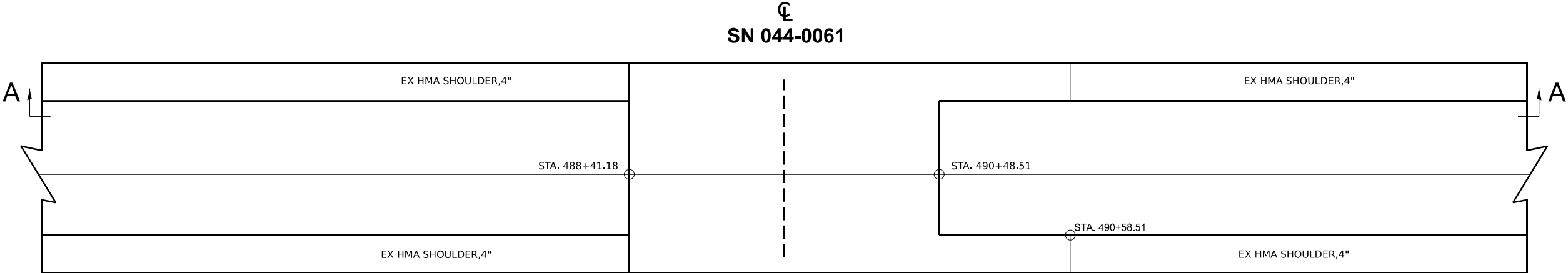
STRUCTURE TRANSITION
SN 044-7100



MODEL: SN 044-7100 Detail-01 (Sheet)
FILE NAME: c:\p\work\illinois\gov\1015506\0978A90-Sht-Detail.dgn

	USER NAME = michael.cheak	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 044-7100 DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					885	D9 RESURFACE 2025-1	JOHNSON	33	26
		CHECKED -	REVISED -					CONTRACT NO. 78A90				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 26	OF 33 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

STRUCTURE TRANSITION
SN 044-0061



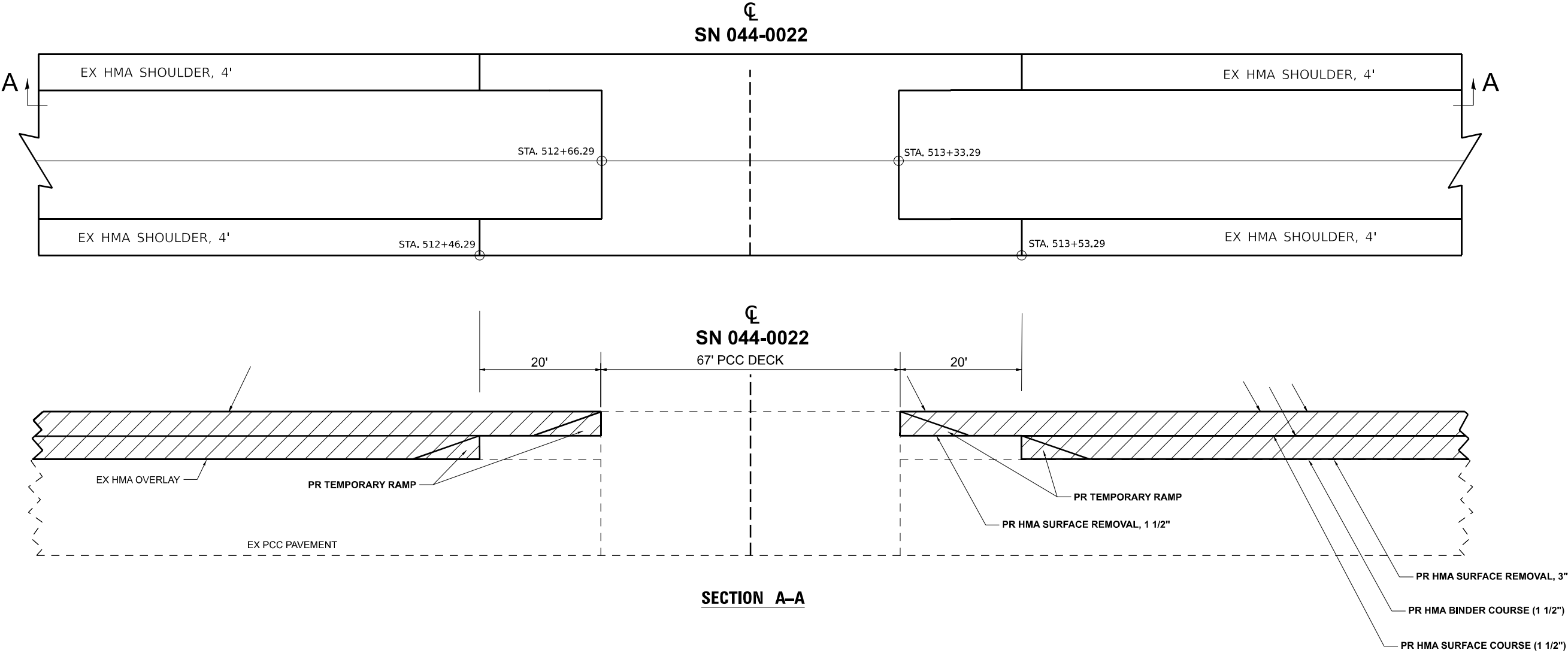
SECTION A-A

MODEL: SN 044-0061 Detail-2 (Sheet)
FILE NAME: c:\p\work\illinois\gov\michael.cheak@illinois.gov\michael.cheak\0978A90-Sht-Detail.dgn

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		DRAWN -	REVISED -					885	D9 RESURFACE 2025-1	JOHNSON	33	27
		CHECKED -	REVISED -					CONTRACT NO. 78A90				
	PLOT DATE = 12/2/2024	DATE -	REVISED -		SCALE:	SHEET 27	OF 33 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

STRUCTURE TRANSITION

SN 044-0022



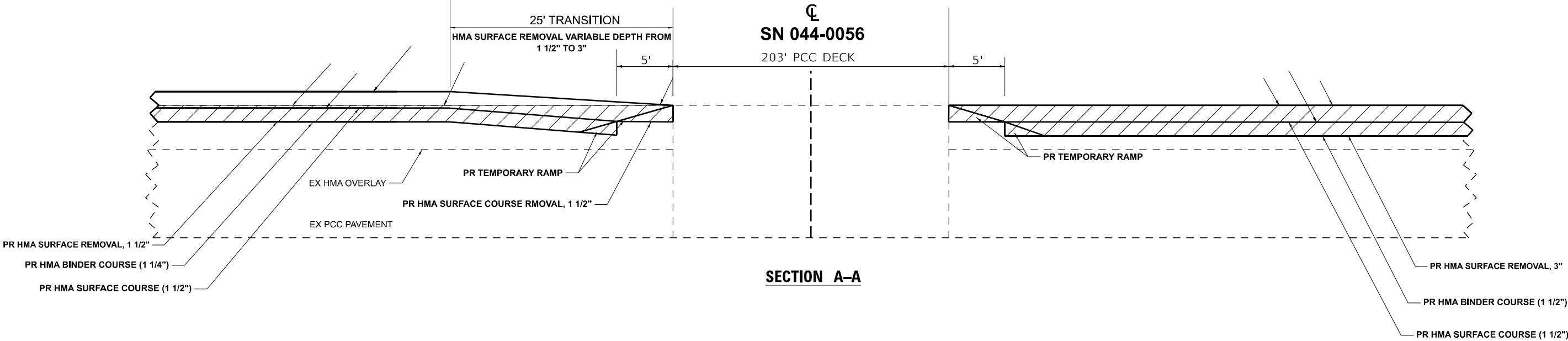
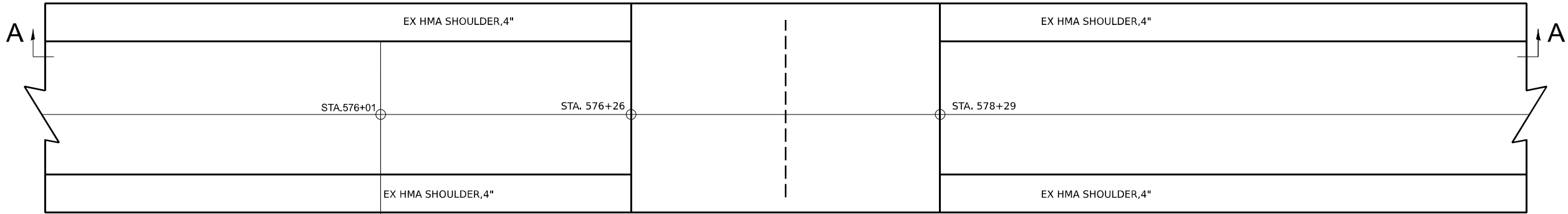
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FILE NAME: c:\p\work\illinois\gov\michael.cheak\illinois.gov\michael.cheak\015506\0978A90-Sht-Detail.dgn

	USER NAME = michael.cheak	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 044-0022 DETAIL			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					885	D9 RESURFACE 2025-1	JOHNSON	33	28
		CHECKED -	REVISED -					CONTRACT NO. 78A90				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 28	OF 33 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

STRUCTURE TRANSITION

SN 044-0056

CL
SN 044-0056

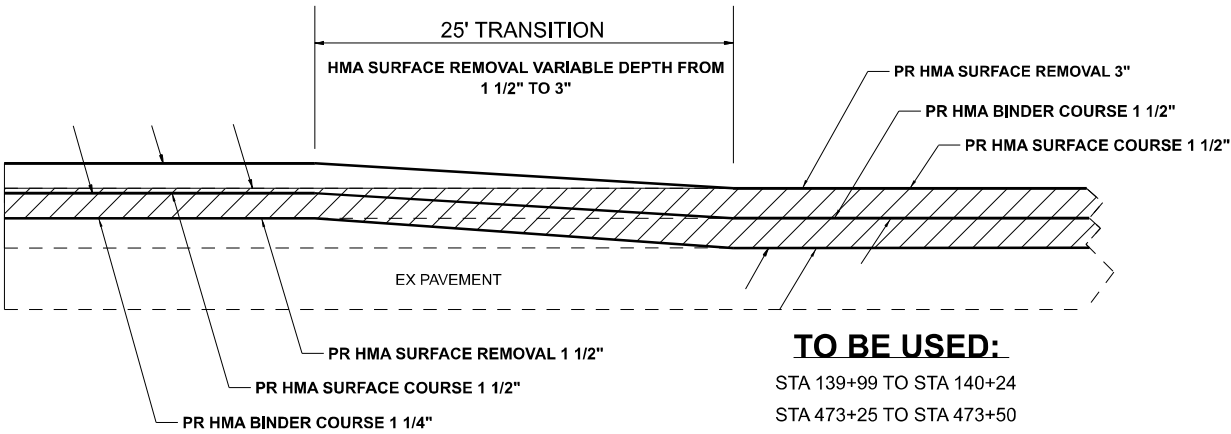


SECTION A-A

MODEL: SN 044-0056 Detail-1 (Sheet)
FILE NAME: c:\p\work\illinois\gov\michael.cheak@illinois.gov\78A90-Sht-Detail.dgn

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		DRAWN -	REVISED -					885	D9 RESURFACE 2025-1	JOHNSON	33	29
		CHECKED -	REVISED -					CONTRACT NO. 78A90				
	PLOT DATE = 12/3/2024	DATE -	REVISED -		SCALE:	SHEET 29	OF 33 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

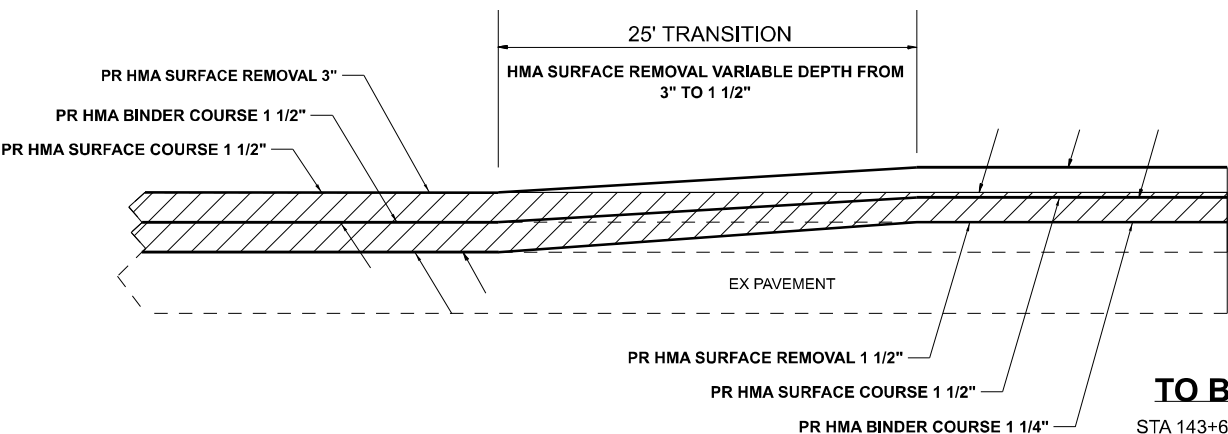
TRANSITION DETAIL 1 1/4" OVERLAY TO 3" INLAY



TO BE USED:

STA 139+99 TO STA 140+24
STA 473+25 TO STA 473+50
STA 510+75 TO STA 511+00
STA 576+01 TO STA 576+26
STA 594+17 TO STA 594+42

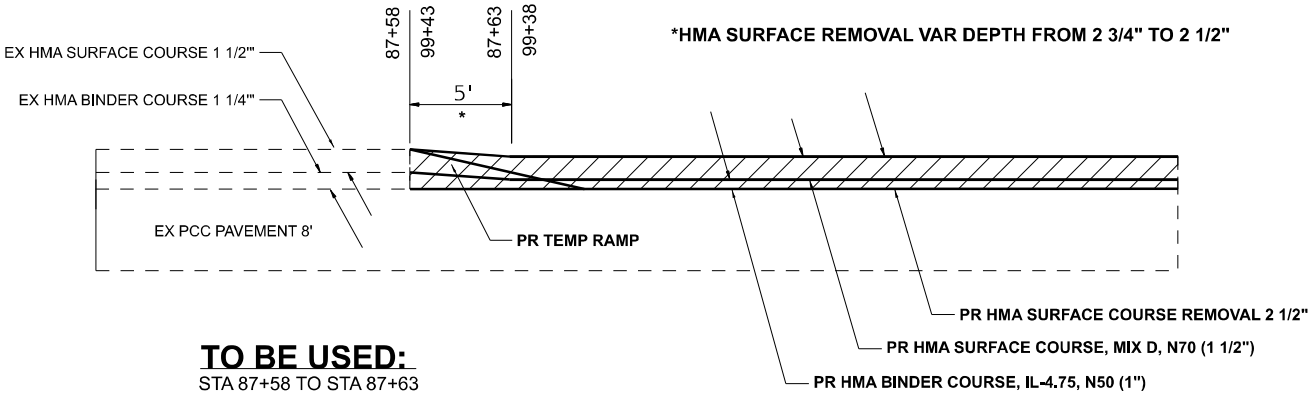
TRANSITION DETAIL 3" INLAY TO 1 1/4" OVERLAY



TO BE USED:

STA 143+62 TO STA 143+87
STA 492+25 TO STA 492+50
STA 515+00 TO STA 515+25
STA 579+00 TO STA 579+25

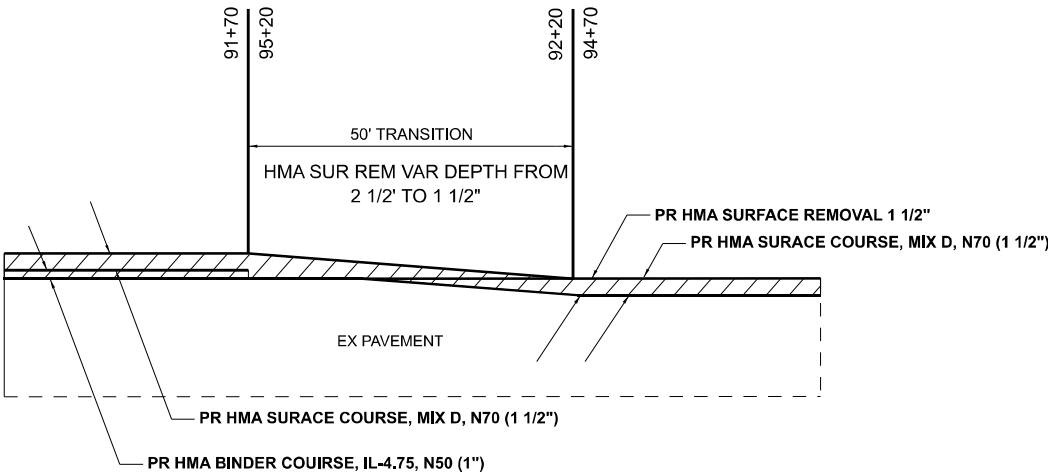
TRANSITION DETAIL 2 3/4" TO 2 1/2"



TO BE USED:

STA 87+58 TO STA 87+63
STA 99+38 TO STA 99+43

TRANSITION DETAIL 2 1/2" TO 1 1/2"
(UNDERNEATH I-24 OVERPASS)



TO BE USED:

STA 91+70 TO STA 92+20
STA 94+70 TO STA 95+20

MODEL: Transition Details (Sheet)
FILE NAME: c:\p\work\pav\illinois\gov\michael.cheak\illinois\gov\1015506\0978A90-Sht30-District30.dgn

PLOT DATE = 11/27/2024	USER NAME = michael.cheak	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	DATE -	REVISED -	

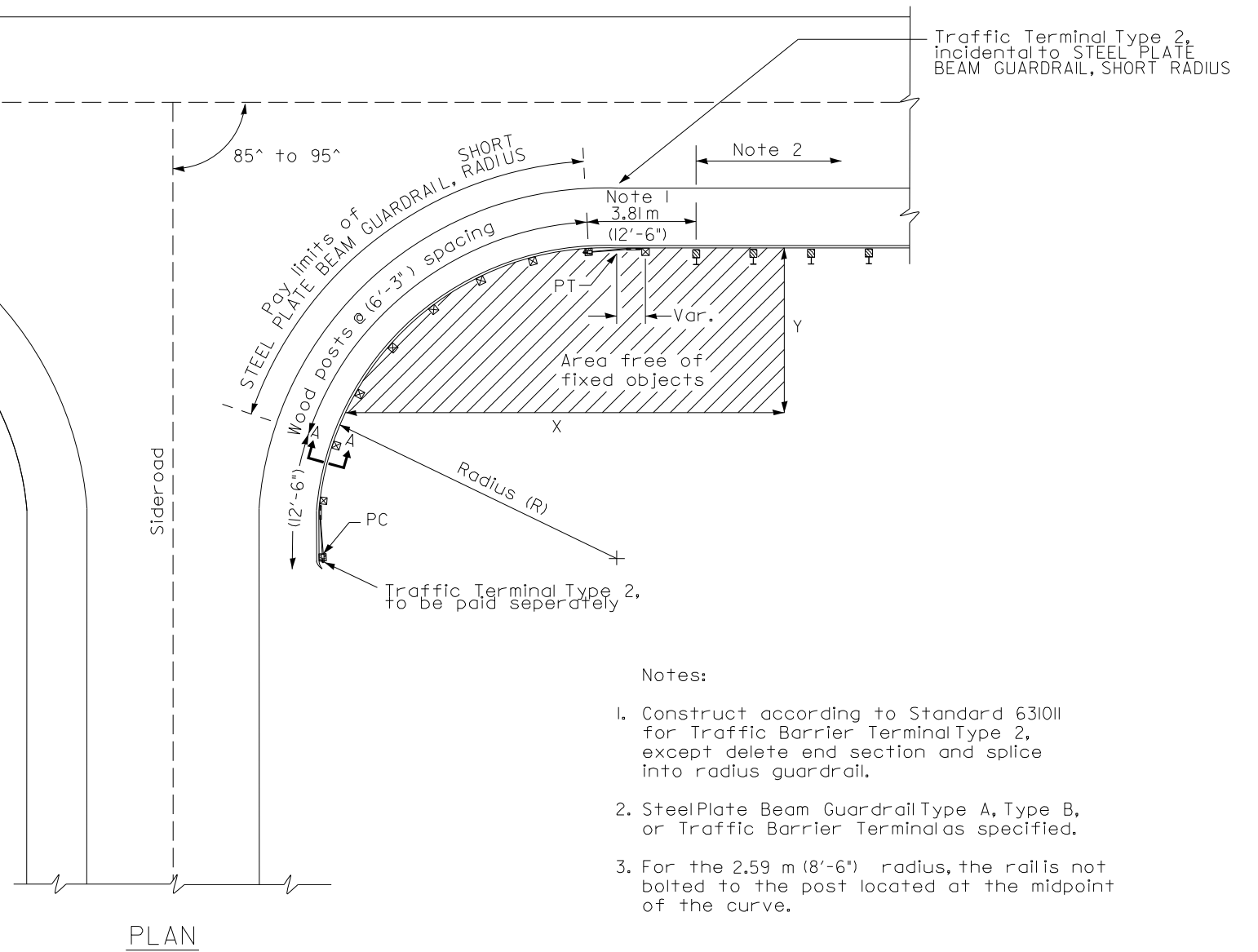
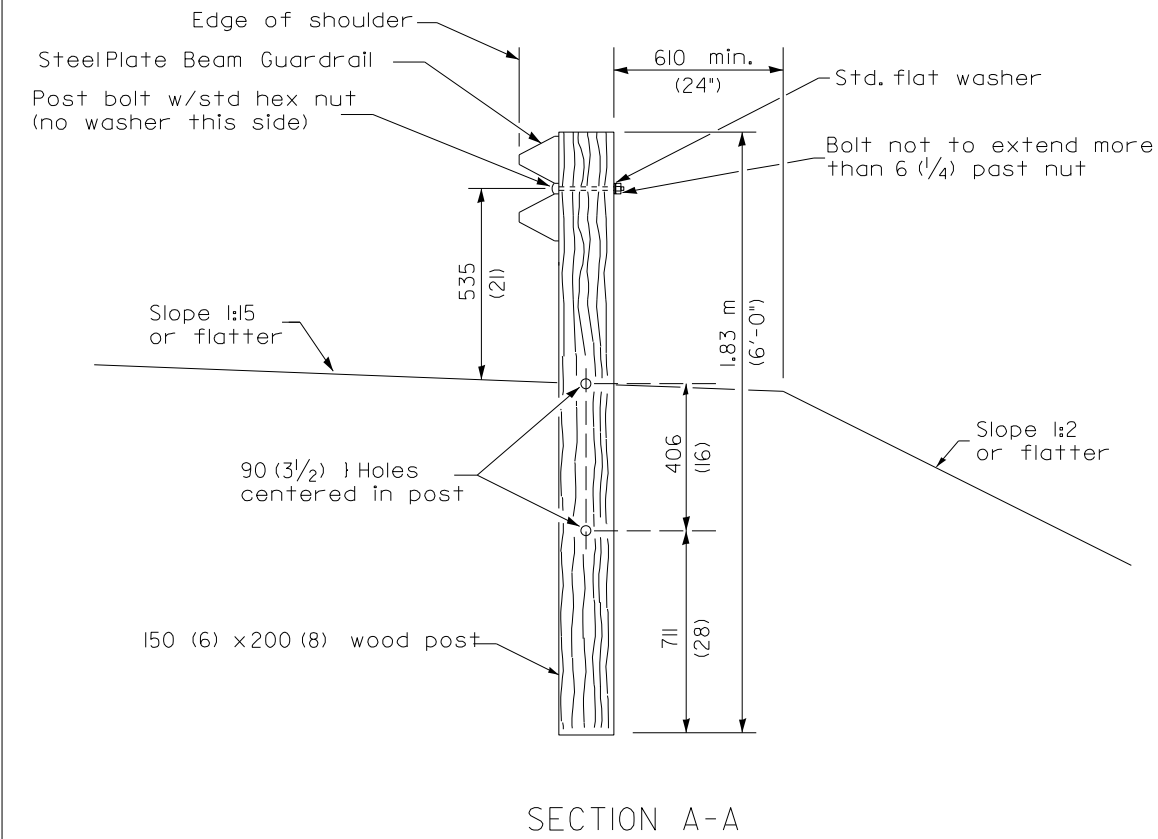
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRANSITION DETAILS

SCALE: SHEET 30 OF 33 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 RESURFACE 2025-1	JOHNSON	33	30
CONTRACT NO. 78A90				
ILLINOIS FED. AID PROJECT				

MODEL: Steel Plate Beam Guardrail Short Radius Detail (Sheet)
FILE NAME: c:\pwworking\illinois.gov\michael.cheak\illinois.gov\15506\0978A90-ShtS-DistrictShts.dgn



- Notes:
- Construct according to Standard 631011 for Traffic Barrier Terminal Type 2, except delete end section and splice into radius guardrail.
 - Steel Plate Beam Guardrail Type A, Type B, or Traffic Barrier Terminal as specified.
 - For the 2.59 m (8'-6") radius, the rail is not bolted to the post located at the midpoint of the curve.

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

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS	STEEL PLATE BEAM GUARDRAIL, SHORT RADIUS	

USER NAME = michael.cheak	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/3/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

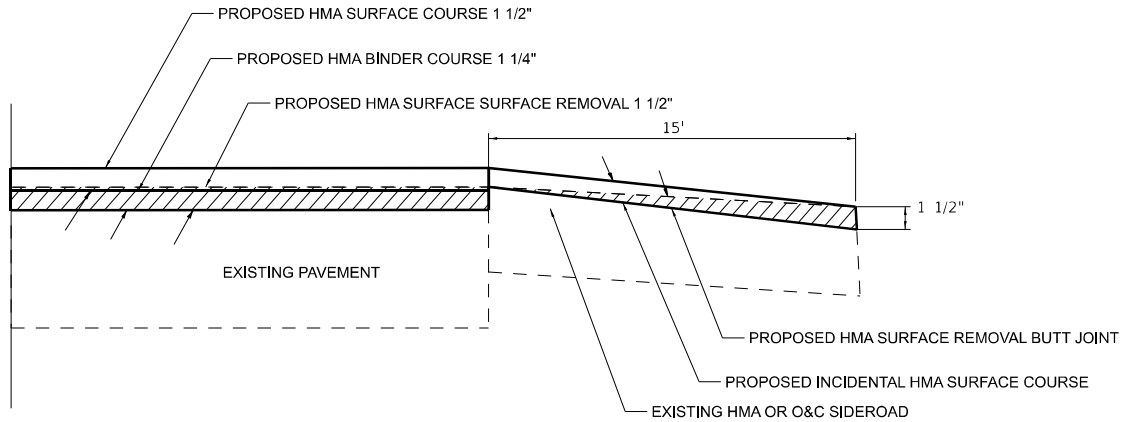
STEEL PLATE BEAM GUARDRAIL, SHORT RADIUS DETAIL

SCALE: SHEET 31 OF 33 SHEETS STA. TO STA.

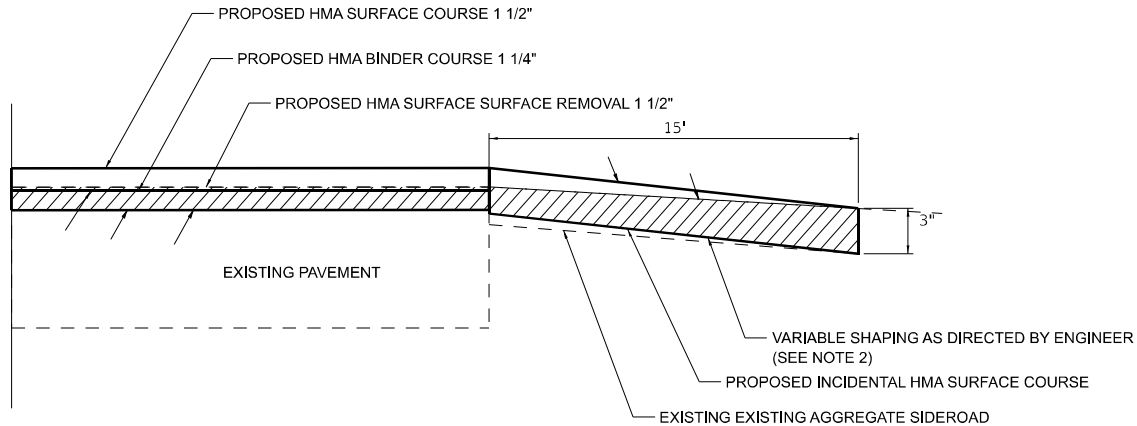
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 RESURFACE 2025-1	JOHNSON	33	31
CONTRACT NO. 78A90				
ILLINOIS FED. AID PROJECT				

MODEL: Sideroad and Entrance Detail [Sheet]
FILE NAME: c:\p\work\illinois\gov\michael.cheak\illinois\gov\1015506\0978A90-ShtS-DistrictSids.dgn

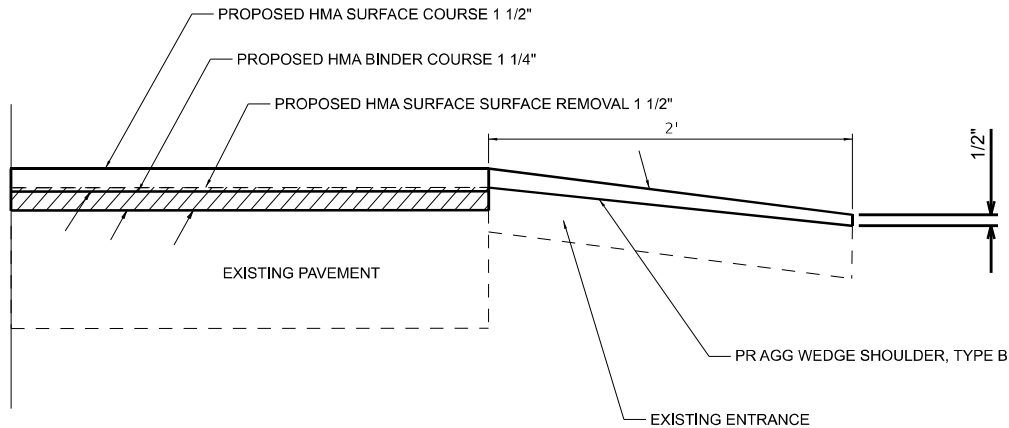
HMA, PCC OR OIL & CHIP SIDEROADS WITH BUTT JOINT



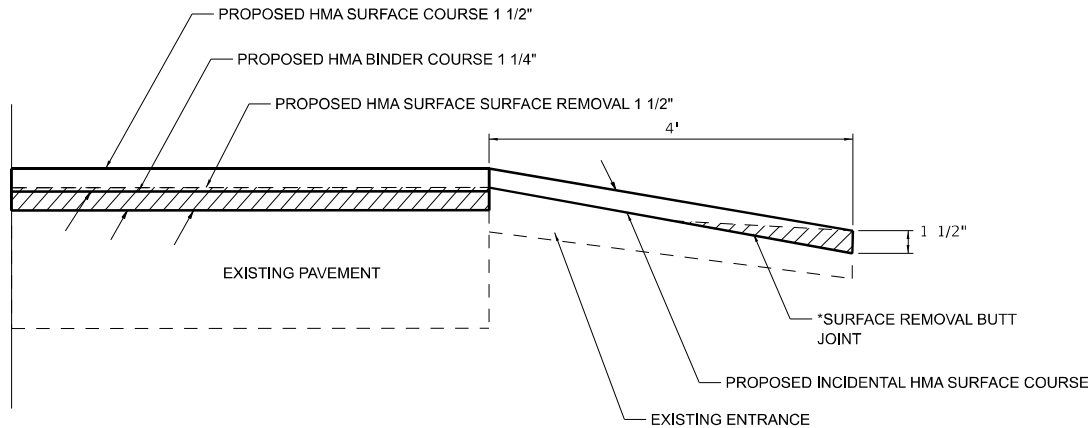
AGGREGATE SIDEROADS



AGGREGATE ENTRANCE



BITUMINOUS OR PCC ENTRANCE



1. IF THE EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDEROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF EXISTING SUBBASE IS DETERMINED TO BE ADEQUATE, THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.
2. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACING.
3. *SURFACE REMOVAL BUTT JOINT ON ENTRANCES IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACING.

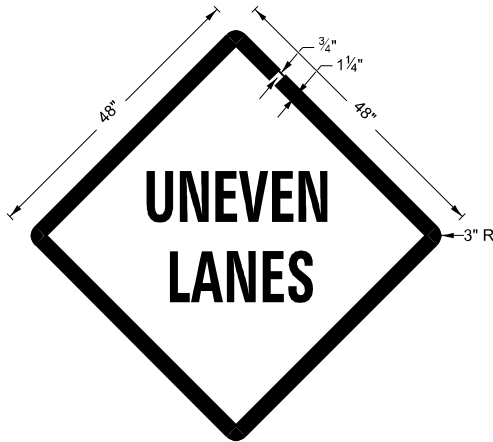
	USER NAME = michael.cheak	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 12/3/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDERRAOD AND ENTRANCE DETAILS			
SCALE:	SHEET 32 OF 33 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 RESURFACE 2025-1	JOHNSON	33	32
CONTRACT NO. 78A90				
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.

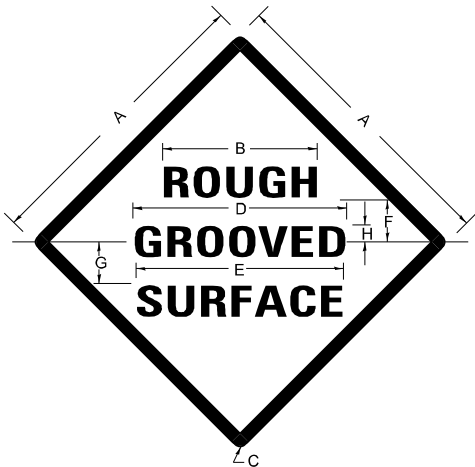
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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.

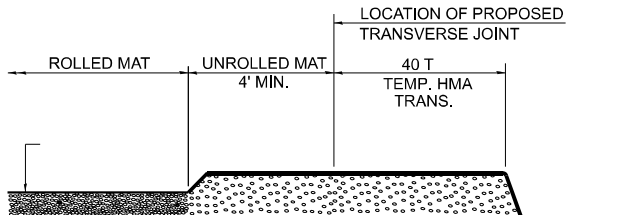
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

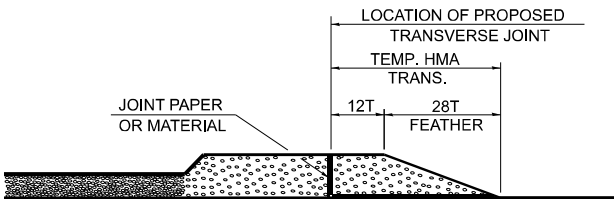
STD. 9-23

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



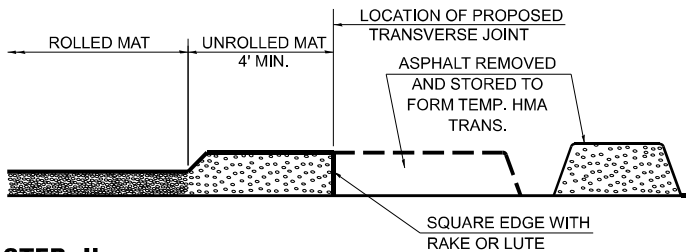
STEP I

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.



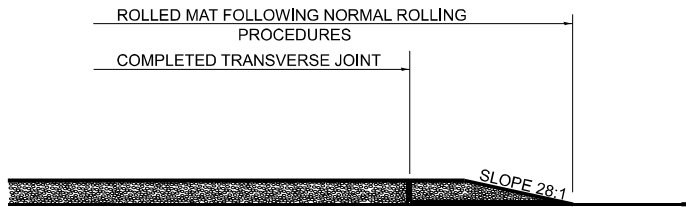
STEP III

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.

STD. 9-18

DRAWN	02-15-89
REVISED	01-09-07
REVISED	10-21-21
REVISED	05-26-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT STANDARDS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 RESURFACE 2025-1	JOHNSON	33	33
CONTRACT NO. 78A90				
ILLINOIS FED. AID PROJECT				

MODEL: District Standards-1 (Sheet)
FILE NAME: c:\paw\work\illinois\gov_michael.cheak\illinois.govd1015506\0978A90-ShtS-DistrictStand.dgn