

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(120,119)RS-5	JEFFERSON	16	1
		ILLINOIS	CONTRACT NO. 78A46	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA

TRAFFIC DATA IL 148
IL 148
VLILRAN'S MEMORIAL DR TO IARLAN RD

	2021	2024	2044
PV =	9,770	10,065	12,280
SU =	250	260	315
MU =	180	185	225
ADT =	10,200	10,510	12,820

TRAFFIC DATA IL 148
IL 148

	2021	2024	2044
PV =	3,040	3,130	3,825
SU =	110	115	140
MU =	100	105	125
ADT =	3,250	3,350	4,090

PROPOSED
HIGHWAY PLANS

FAP ROUTE 726 (IL 148)
SECTION (120,119)RS-5
PROJECT STP-FS99(421)
RESURFACING
JEFFERSON COUNTY

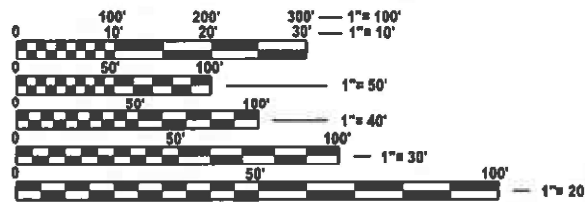
C-99-054-24

TOWNSHIPS

McCLELLAN
DODDS
BALD HILL
ELK PRAIRIE

STATION EQUATIONS:

STA 153+41 BK = STA 153+99 AH
STA 188+72 BK = STA 187+16 AH
STA 222+95 BK = STA 223+04 AH
STA 399+57 BK = STA 0+00 AH
STA 42+41 BK = STA 44+46 AH
STA 62+28 BK = STA 62+77 AH
STA 86+03 DK = STA 39+77 AH
STA 231+21 BK = STA 233+79 AH
STA 416+02 BK = STA 416+62 AH
STA 181+62 BK = STA 192+95 AH
STA 595+65 BK = STA 596+31 AH

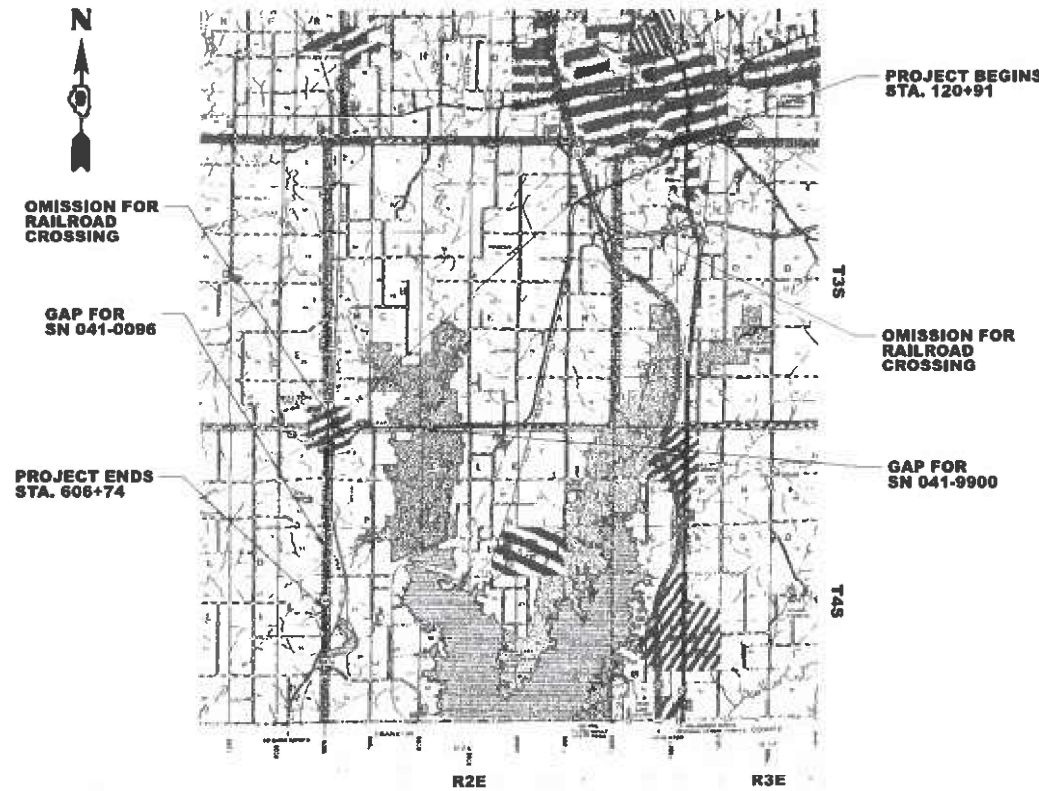


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

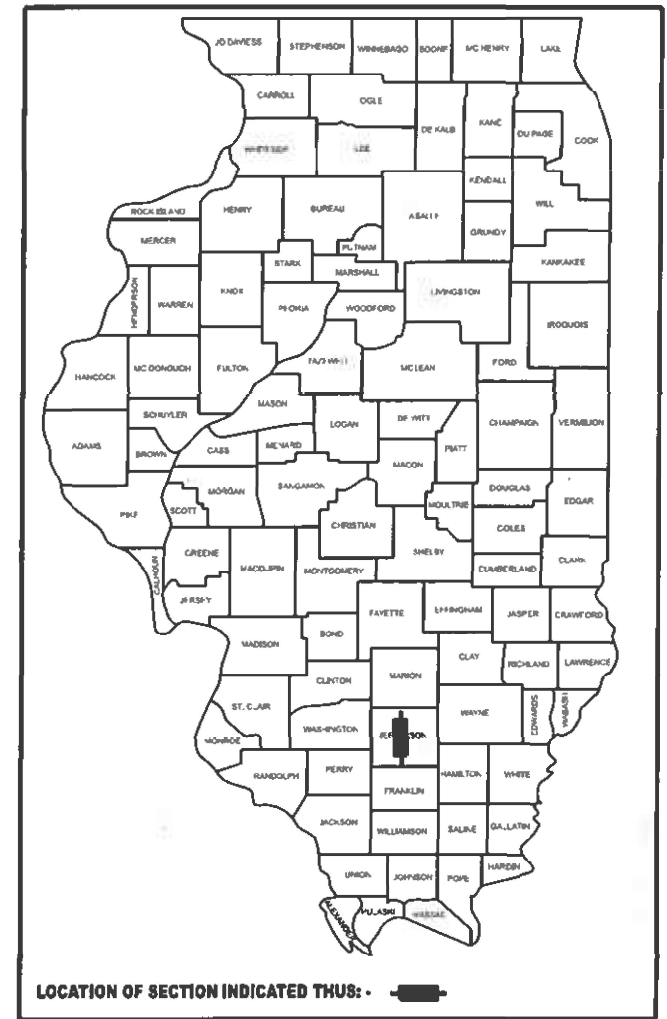
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: VALERIE ROLLA
PROJECT DESIGNER: BRANDY MAES

CONTRACT NO. 78A46



GROSS LENGTH = 91553 FT. = 17.34 MILE
NET LENGTH = 90741 FT. = 17.19 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 13 20 23
Kirk H. Brown
REGIONAL ENGINEER

February 2, 2024
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

February 2, 2024
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL: Signature Sheet
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		DRAWN	-	REVISED	-
PLOT SCALE	= 0.166666633 1/6	CHECKED	-	REVISED	-
PLOT DATE	= 12/12/2023	DATE	-	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

SCALE: SHEET 2 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(120,119)RS-5	JEFFERSON	16	2
CONTRACT NO. 78A46				
ILLINOIS FED. AID PROJECT				

Prepared By: *Charles Stein*
 DISTRICT STUDIES & PLANS ENGINEER

Examined By: *Nancy Lee*
 DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Cornell*
 DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *R. Kelly*
 DISTRICT OPERATIONS ENGINEER

Examined By: *Daryl J. McMillin*
 DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: *Daryl J. McMillin*
 DISTRICT CONSTRUCTION ENGINEER

Examined By: *Aan Wang*
 DISTRICT MATERIALS ENGINEER

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS & HIGHWAY STANDARDS
4	GENERAL NOTES, COMMITMENTS & MTD TABLE
5	MIX DESIGN
6-8	SUMMARY OF QUANTITIES
9-10	TYPICAL SECTIONS
11-15	SCHEDULES
16	DISTRICT DETAILS

HIGHWAY STANDARDS

000001-08	Standard Symbols, Abbreviations and Patterns
001001-02	Areas of Reinforcement Bars
001006	Decimal of an Inch and of a Foot
420001-10	Pavement Joints
442201-03	Class C and D Patches
642006-01	Shoulder Rumble Strips
701001-02	Off-Road Operations, 2L, 2W, More Than 15' Away
701006-05	Off-Road Operations, 2L, 2W, 15' to 24' From Pavement Edge
701011-04	Off-Road Moving Operations, 2L, 2W, Day Only
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
701336-07	Lane Closure, 2L, 2W, Work Areas in Series, for Speeds > 45 MPH
701501-06	Urban Lane Closure, 2L, 2W, Undivided
701901-09	Traffic Control Devices
780001-05	Typical Pavement Markings
781001-04	Typical Applications Raised Reflective Pavement Markers

REV. - MS

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	PLOT SCALE = 0.16666633 / in.	DRAWN -	REVISED -			CONTRACT NO. 78A46				
	PLOT DATE = 12/15/2023	CHECKED -	REVISED -		SCALE:	SHEET 3 OF 16 SHEETS		STA.		TO STA.
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

HMA MIXTURE REQUIREMENTS

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

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

Locations	Hot-Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N30
PG:	PG64-22
Design Air Voids:	4.0%, 30 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 L mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QC/QA
Sublot Size:	N/A
Material Transfer Device	No

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PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HMA MIXTURE REQUIREMENTS

SCALE: SHEET 5 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(120,119)RS-5	JEFFERSON	16	5
CONTRACT NO. 78A46				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

COUNTY:	JEFFERSON CO	JEFFERSON CO
ROUTE:	FAP 726	FAP 726
FUNDING:	80% FEDERAL/ 20% STATE	80% FEDERAL/ 20% STATE
LOCATION:	RURAL	URBAN
	ROADWAY	ROADWAY
	0005	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ROADWAY 0005
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	162,516	156,374	6,142
40600370	LONGITUDINAL JOINT SEALANT	FOOT	80,473	77,656	2,817
40600990	TEMPORARY RAMP	SQ YD	99	99	0
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	15,045	14,530	515
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	17,880	17,262	618
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	240,780	231,677	9,103
44201385	CLASS C PATCHES, TYPE I, 13 INCH	SQ YD	237	237	0
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SQ YD	263	256	7
44201394	CLASS C PATCHES, TYPE III, 13 INCH	SQ YD	53	53	0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2,170	2,170	0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	4,493	4,221	272
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	86,573	81,309	5,264
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8	0
67100100	MOBILIZATION	L SUM	1	1	0

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REV. - MS

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SCALE: SHEET 6 OF 16 SHEETS STA. TO STA.

SUMMARY OF QUANTITIES - CONT

COUNTY:	JEFFERSON CO	JEFFERSON CO
ROUTE:	FAP 726	FAP 726
FUNDING:	80% FEDERAL/ 20% STATE	80% FEDERAL/ 20% STATE
LOCATION:	RURAL	URBAN
	ROADWAY	ROADWAY
	0005	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ROADWAY 0005
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	0
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1	0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	14	14
70300100	SHORT TERM PAVEMENT MARKING	FOOT	55,017	53,322	1,695
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	18,339	17,774	565
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	245	245	0
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	233,912	227,575	6,337
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	48	48	0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	245	245	0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	233,912	227,575	6,337
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	48	40	0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,176	1,139	37
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,176	1,139	37

* SPECIALTY ITEM

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PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 16 SHEETS STA. TO STA.

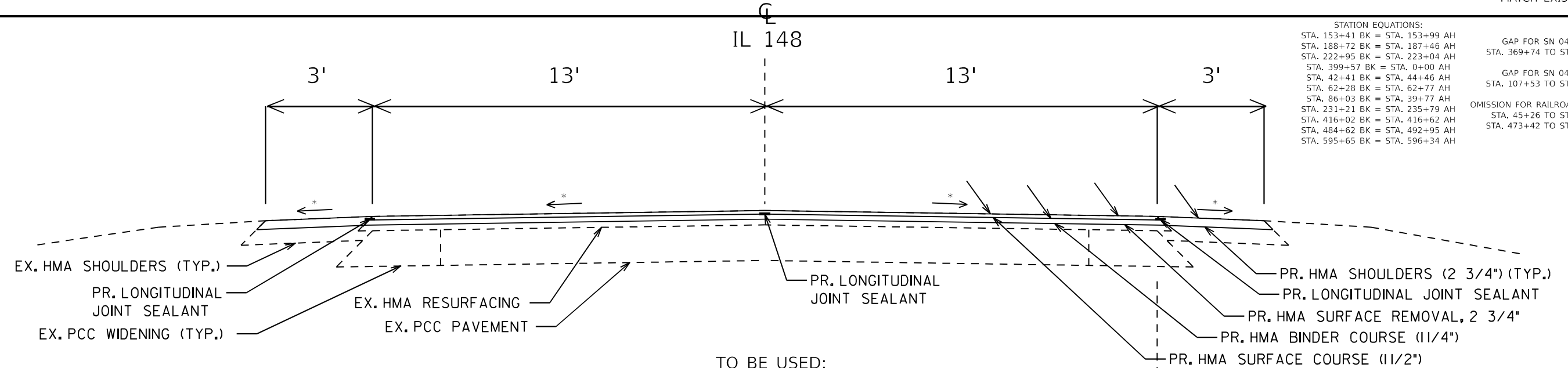
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(120,119)RS-5	JEFFERSON	16	7
CONTRACT NO. 78A46				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

COUNTY:	JEFFERSON CO	JEFFERSON CO
ROUTE:	FAP 726	FAP 726
FUNDING:	80% FEDERAL/ 20% STATE	80% FEDERAL/ 20% STATE
LOCATION:	RURAL	URBAN
	ROADWAY	ROADWAY
	0005	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ROADWAY 0005
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	124,522	122,409	2,113
Z0034105	MATERIAL TRANSFER DEVICE	TON	32,925	31,792	1,133
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	0

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STATION EQUATIONS:
 STA. 153+41 BK = STA. 153+99 AH
 STA. 188+72 BK = STA. 187+46 AH
 STA. 222+95 BK = STA. 223+04 AH
 STA. 399+57 BK = STA. 0+00 AH
 STA. 42+41 BK = STA. 44+46 AH
 STA. 62+28 BK = STA. 62+77 AH
 STA. 86+03 BK = STA. 39+77 AH
 STA. 231+21 BK = STA. 235+79 AH
 STA. 416+02 BK = STA. 416+62 AH
 STA. 484+62 BK = STA. 492+95 AH
 STA. 595+65 BK = STA. 596+34 AH

GAP FOR SN 041-9900
 STA. 369+74 TO STA. 371+11

GAP FOR SN 041-0096
 STA. 107+53 TO STA. 114+00

OMISSION FOR RAILROAD CROSSINGS
 STA. 45+26 TO STA. 45+37
 STA. 473+42 TO STA. 473+59

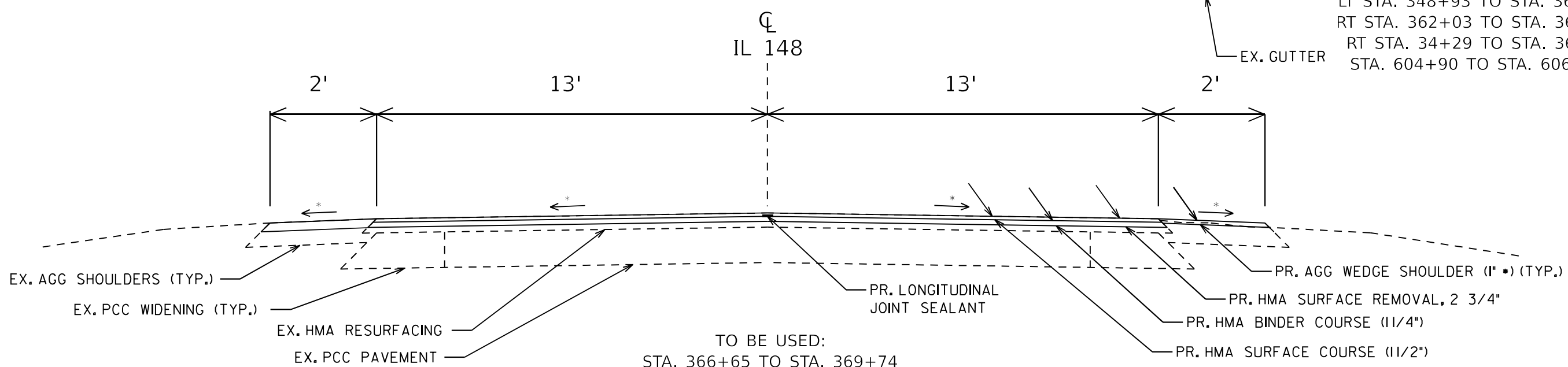
TO BE USED:

STA. 120+91 TO STA. 153+41
 STA. 153+99 TO STA. 188+72
 STA. 187+46 TO STA. 222+95
 STA. 223+04 TO STA. 399+57

STA. 0+00 TO STA. 42+41
 STA. 44+46 TO STA. 62+28
 STA. 62+77 TO STA. 86+03
 STA. 39+77 TO STA. 107+53
 STA. 596+34 TO STA. 606+74

GUTTER
 TO BE USED:

STA. 276+27 TO STA. 287+61
 LT STA. 287+61 TO STA. 287+67
 LT STA. 290+36 TO STA. 290+45
 STA. 290+45 TO STA. 305+32
 LT STA. 348+93 TO STA. 362+03
 RT STA. 362+03 TO STA. 362+84
 RT STA. 34+29 TO STA. 36+26
 STA. 604+90 TO STA. 606+74



TO BE USED:

STA. 366+65 TO STA. 369+74
 STA. 36+26 TO STA. 42+41
 STA. 44+46 TO STA. 45+26
 STA. 45+37 TO STA. 62+28
 STA. 62+77 TO STA. 86+03
 STA. 39+77 TO STA. 107+53

* ASSUMED 1" LOW

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PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICALS	
SCALE:	SHEET 9 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(120,119)RS-5	JEFFERSON	16	9
CONTRACT NO. 78A46			ILLINOIS FED. AID PROJECT	

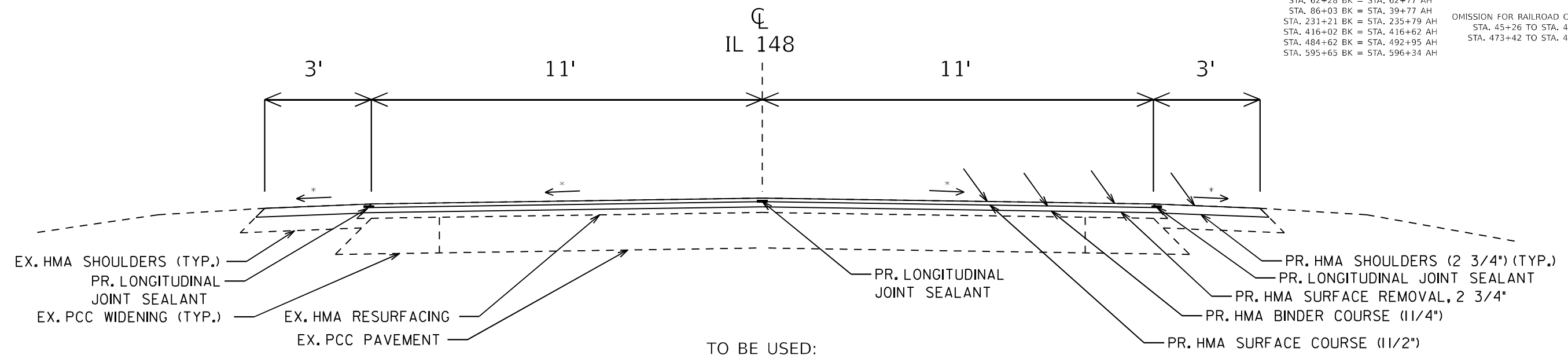
* MATCH EXISTING SLOPE

STATION EQUATIONS:
 STA. 153+41 BK = STA. 153+99 AH
 STA. 188+72 BK = STA. 187+46 AH
 STA. 222+95 BK = STA. 223+04 AH
 STA. 399+57 BK = STA. 0+00 AH
 STA. 42+41 BK = STA. 44+46 AH
 STA. 62+28 BK = STA. 62+77 AH
 STA. 86+03 BK = STA. 39+77 AH
 STA. 231+21 BK = STA. 235+79 AH
 STA. 416+02 BK = STA. 416+62 AH
 STA. 484+62 BK = STA. 492+95 AH
 STA. 595+65 BK = STA. 596+34 AH

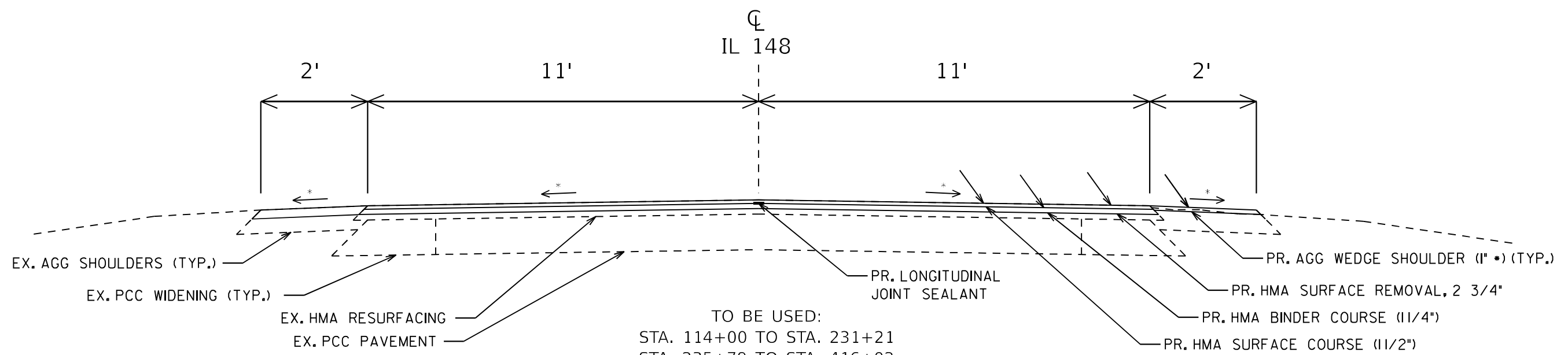
GAP FOR SN 041-9900
 STA. 369+74 TO STA. 371+11

GAP FOR SN 041-0096
 STA. 107+53 TO STA. 114+00

OMISSION FOR RAILROAD CROSSINGS
 STA. 45+26 TO STA. 45+37
 STA. 473+42 TO STA. 473+59



TO BE USED:
 STA. 436+21 TO STA. 473+42
 STA. 473+59 TO STA. 484+62
 STA. 492+95 TO STA. 595+65



TO BE USED:
 STA. 114+00 TO STA. 231+21
 STA. 235+79 TO STA. 416+02
 STA. 416+62 TO STA. 436+21

* ASSUMED 1" LOW

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PLOT DATE = 12/15/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS			
SCALE:	SHEET 10	OF 16 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(120,119)RS-5	JEFFERSON	16	10
CONTRACT NO. 78A46				
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE

LOCATION			LENGTH	HMA SURFACE REMOVAL, 2 3/4"	HMA BINDER COURSE, 1 1/4"	HMA SURFACE COURSE, 1 1/2"	TEMP RAMP	MATERIAL TRANSFER DEVICE	LONGITUNDINAL JOINT SEALANT	BIT. MAT'L (TACK COAT)
STATION TO STATION			FEET	SQ YD	TON	TON	SQ YD	TON	FOOT	POUND
120+91	TO	153+41	3251	9392	667	793	15	1460	3251	6339
153+41	=	153+99	STATION EQUATION							
153+99	TO	188+72	3473	10034	712	847		1559	3473	6772
188+72	=	187+46	STATION EQUATION							
187+46	TO	222+95	3550	10256	728	866		1594	3550	6923
222+95	=	223+04	STATION EQUATION							
223+04	TO	369+74	14671	42383	3008	3578		6586	14671	28608
369+74	TO	371+11	GAP FOR SN 041-9900							
371+11	TO	399+57	2846	8222	584	694	15	1278	2846	5549
399+57	=	0+00	STATION EQUATION							
0+00	TO	42+41	4241	12252	870	1035		1905	4241	8270
42+41	=	44+46	STATION EQUATION							
44+46	TO	45+26	80	231	17	20	15	37	80	156
45+26	TO	45+37	OMISSION FOR RAILROAD CROSSING							
45+37	TO	62+28	1692	4888	347	413	15	760	1692	3299
62+28	=	62+77	STATION EQUATION							
62+77	TO	86+03	2327	6723	477	568		1045	2327	4538
86+03	=	39+77	STATION EQUATION							
39+77	TO	107+53	6777	19578	1390	1653	15	3043	6777	13215
107+53	TO	114+00	GAP FOR SN 041-0096							
114+00	TO	231+21	11721	28651	2038	2421	13	4459	11721	19339
231+21	=	235+79	STATION EQUATION							
235+79	TO	416+02	18023	44057	3134	3722		6856	18023	29738
416+02	=	416+62	STATION EQUATION							
416+62	TO	473+42	5680	13885	988	1173	13	2161	5680	9372
473+42	TO	473+59	OMISSION FOR RAILROAD CROSSING							
473+59	TO	484+62	1103	2697	192	228	13	420	1103	1820
484+62	=	492+95	STATION EQUATION							
492+95	TO	595+65	10271	25107	1786	2121		3907	10271	16947
595+65	=	596+34	STATION EQUATION							
596+34	TO	606+74	1041	3008	214	254		468	1041	2030
TOTALS				211682	15045	17880	99	32925	80473	142882

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RESURFACING SCHEDULE

SCALE: SHEET 11 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(120,119)RS-5	JEFFERSON	16	11
CONTRACT NO. 78A46				
ILLINOIS FED. AID PROJECT				

SHOULDER SCHEDULE

LOCATION			LENGTH	HMA SURFACE REMOVAL, 2 3/4"	AGGREGATE WEDGE SHOULDER, TY B	HMA SHOULDER	BIT. MAT'L (TACK COAT)	SHOULDER RUMBLE STRIPS, 8 INCH
STATION TO	TO	STATION	FEET	SQ YD	TON	TON	POUND	FOOT
120+91	TO	153+41	3250	2167	0	334	1463	6501
153+41	=	153+99	STATION EQUATION					
153+99	TO	188+72	3473	2316	0	357	1563	6945
188+72	=	187+46	STATION EQUATION					
187+46	TO	222+95	3549	2367	0	365	1597	7099
222+95	=	223+04	STATION EQUATION					
223+04	TO	276+27	5323	3549	0	547	2395	10646
276+27	TO	287+61	1134	0	0	0	0	0
287+61	TO	287+67	6	2	0	1	1	6
287+67	TO	290+36	269	180	0	28	121	538
290+36	TO	290+45	9	3	0	1	2	9
290+45	TO	290+95	50	0	0	0	0	0
290+95	TO	305+32	1437	0	0	0	0	0
305+32	TO	348+93	4361	2908	0	448	1962	8722
348+93	TO	362+03	1310	437	0	68	295	0
362+03	TO	362+84	81	27	0	5	18	81
362+84	TO	366+55	371	248	0	39	167	742
366+55	TO	366+65	10	7	0	2	5	20
SUBTOTAL A				14211	0	2195	9589	41309

MODEL: Schedule_01 Sheet
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	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 12/21/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHOULDER SCHEDULE

SCALE: SHEET 12 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(120,119)RS-5	JEFFERSON	16	12
CONTRACT NO. 78A46				
ILLINOIS FED. AID PROJECT				

SHOULDER SCHEDULE CONT.

LOCATION			LENGTH	HMA SURFACE REMOVAL, 2 3/4"	AGGREGATE WEDGE SHOULDER, TY B	HMA SHOULDER	BIT. MAT'L (TACK COAT)	SHOULDER RUMBLE STRIPS, 8 INCH	
STATION TO STATION			FEET	SQ YD	TON	TON	POUND	FOOT	
366+65	TO	369+74	309	0	16	0	0	618	
369+74	TO	371+11	GAP FOR SN 041-9900						
371+11	TO	399+57	2846	1898	0	293	1281	5692	
399+57	=	0+00	STATION EQUATION						
0+00	TO	34+29	3429	2286	0	353	1543	6858	
34+29	TO	36+26	197	66	0	11	44	197	
36+26	TO	42+41	615	0	31	0	0	0	
42+41	=	44+46	STATION EQUATION						
44+46	TO	45+26	80	0	4	0	0	0	
45+26	TO	45+37	OMISSION FOR RAILROAD CROSSING						
45+37	TO	62+28	1692	0	85	0	0	0	
62+28	=	62+77	STATION EQUATION						
62+77	TO	86+03	2326	0	116	0	0	0	
86+03	=	39+77	STATION EQUATION						
39+77	TO	107+53	6776	0	338	0	0	0	
107+53	TO	114+00	GAP FOR SN 041-0096						
114+00	TO	192+32	7832	0	390	0	0	0	
192+32	TO	231+21	3889	0	194	0	0	0	
231+21	=	235+79	STATION EQUATION						
235+79	TO	416+02	18023	0	898	0	0	0	
416+02	=	416+62	STATION EQUATION						
416+62	TO	436+21	1959	0	98	0	0	0	
436+21	TO	473+42	3720	2481	0	382	1674	7441	
473+42	TO	473+59	OMISSION FOR RAILROAD CROSSING						
473+59	TO	484+62	1103	736	0	114	496	2206	
484+62	=	492+95	STATION EQUATION						
492+95	TO	498+00	505	337	0	52	227	1010	
498+00	TO	500+00	200	134	0	21	90	400	
500+00	TO	595+65	9565	6377	0	983	4304	19131	
595+65	=	596+34	STATION EQUATION						
596+34	TO	604+83	849	567	0	88	382	1699	
604+83	TO	604+90	7	5	0	1	3	14	
604+90	TO	606+74	184	0	0	0	0	0	
SUBTOTAL B				14887	2170	2298	10045	45265	
SUBTOTAL A				14211	0	2195	9589	41309	
TOTALS				29098	2170	4493	19635	86573	

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USER NAME = Brandy.Maes	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 12/21/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHOULDER SCHEDULE CONT.

SCALE: SHEET 13 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(120,119)RS-5	JEFFERSON	16	13
CONTRACT NO. 78A46				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

LOCATION			LENGTH	LETTERS & SYMBOLS	PAVEMENT MARKING - LINE 4"			LINE 24"	RRPM	RRPM REMOVAL	SHORT TERM PAVT MARKING	SHORT TERM PAVT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING, LINE 4"	TEMPORARY PAVEMENT MARKING, LINE 24"	TEMPORARY PAVEMENT MARKING, LETTERS & SYMBOLS	PAVT MARKING REMOVAL - GRINDING
					SOLID		SKIP DASH	SOLID								
					WHITE	YELLOW	YELLOW	WHITE								
STATION	TO	STATION	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT	SQ FT	FOOT	FOOT	SQ FT	SQ FT
120+91	TO	131+06	1015	0	2030		254		13	13	609	203	2284	0	0	1524
131+06	TO	142+75	1169		2338	1169	293		15	15	702	234	3800	0	0	2534
142+75	TO	149+58	683		1366	1366			9	9	411	137	2732	0	0	1822
149+58	TO	153+41	383		767	384	96		5	5	231	77	1247	0	0	832
153+41	=	153+99		0	0		0		0	0	0	0	0	0	0	0
153+99	TO	160+25	626		1252	626	157		8	8	378	126	2035	0	0	1358
160+25	TO	173+06	1281		2562		321		17	17	771	257	2883	0	0	1922
173+06	TO	182+77	971		1942	971	243		13	13	585	195	3156	0	0	2104
182+77	TO	188+72	595	0	1190	1190			8	8	357	119	2380	0	0	1588
188+72	=	187+46		0	0		0		0	0	0	0	0	0	0	0
187+46	TO	194+60	715		1429	1429			9	9	429	143	2858	0	0	1906
194+60	TO	205+25	1065		2130	1065	267		14	14	639	213	3462	0	0	2308
205+25	TO	209+22	397		794		100		5	5	240	80	894	0	0	596
209+22	TO	219+04	982		1964	982	246		13	13	591	197	3192	0	0	2128
219+04	TO	220+40	136		272	272			2	2	84	28	544	0	0	364
220+40	TO	222+95	255	0	510	255	64		4	4	153	51	829	0	0	554
222+95	=	223+04		0	0	0	0		0	0	0	0	0	0	0	0
223+04	TO	230+91	787		1575	788	197		10	10	474	158	2560	0	0	1708
230+91	TO	269+82	3891		7782		973		49	49	2337	779	8755	0	0	5838
269+82	TO	276+27	645	0	1290	645	162		9	9	387	129	2097	0	0	1398
276+27	TO	279+12	285		570	285	72		4	4	171	57	927	0	0	618
279+12	TO	280+34	122		244	244			2	2	75	25	488	0	0	326
280+34	TO	287+67	733		1466	733	184		10	10	441	147	2383	0	0	1590
287+67	TO	289+37	170		340	170	43		3	3	102	34	553	0	0	370
289+37	TO	290+36	99		198		25		2	2	60	20	223	0	0	150
290+36	TO	305+32	1496		2992		374		19	19	900	300	3366	0	0	2244
305+32	TO	338+88	3356		6712		839		42	42	2016	672	7551	0	0	5034
338+88	TO	346+14	726		1452	726	182		10	10	438	146	2360	0	0	1574
346+14	TO	348+43	229		458	458			3	3	138	46	916	0	0	612
348+43	TO	348+93	50		100	50	13		1	1	30	10	163	0	0	110
348+93	TO	357+82	889		1778	889	223		12	12	534	178	2890	0	0	1928
357+82	TO	362+84	502		1004		126		7	7	303	101	1130	0	0	754
362+84	TO	385+43	2259		4518		565		29	29	1356	452	5083	0	0	3390
385+43	TO	390+25	482		964	482	121		7	7	291	97	1567	0	0	1046
390+25	TO	394+47	422		844		106		6	6	255	85	950	0	0	634
394+47	TO	399+33	486		972	486	122		7	7	294	98	1580	0	0	1054
399+33	TO	399+57	24		48		6		1	1	15	5	54	0	0	36
399+57	=	0+00			0	0			0	0	0	0	0	0	0	0
0+00	TO	34+29	3429		6858		858		43	43	2058	686	7716	0	0	5144
SUBTOTAL A				0	62711	15665	7232	0	411	411	18855	6285	85608	0	0	57098

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	DRAWN -	REVISED -
PLOT SCALE = 0.16666833' / in.	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SCHEDULE

SCALE: SHEET 14 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(120,119)RS-5	JEFFERSON	16	14
CONTRACT NO. 78A46				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE CONT.

LOCATION			LENGTH	LETTERS & SYMBOLS	PAVEMENT MARKING - LINE 4"			LINE 24"	RRPM	RRPM REMOVAL	SHORT TERM PAVT MARKING	SHORT TERM PAVT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING, LINE 4"	TEMPORARY PAVEMENT MARKING, LINE 24"	TEMPORARY PAVEMENT MARKING, LETTERS & SYMBOLS	PAVT MARKING REMOVAL - GRINDING
					SOLID		SKIP DASH	SOLID								
					WHITE	YELLOW	YELLOW	WHITE								
STATION	TO	STATION	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT	SQ FT	FOOT	FOOT	SQ FT	SQ FT
34+29	TO	38+48	419		838		105		6	6	252	84	943	0	0	630
38+48	TO	42+41	393		787	394	99		5	5	237	79	1280	0	0	854
42+41	=	44+46			0	0			0	0	0	0	0	0	0	0
44+46	TO	45+37	91	61.2	182	91	23	12	2	2	57	19	296	12	61.2	369
45+37	TO	49+93	456	61.2	912	456	114	12	6	6	276	92	1482	12	61.2	1159
49+93	TO	51+32	139		278	139	35		2	2	84	28	452	0	0	302
51+32	TO	52+66	134		268	268			2	2	81	27	536	0	0	358
52+66	TO	59+40	674		1348	674	169		9	9	405	135	2191	0	0	1462
59+40	TO	60+74	134		268	268			2	2	81	27	536	0	0	358
60+74	TO	62+28	154		309	155	39		2	2	93	31	503	0	0	336
62+28	=	62+77			0	0			0	0	0	0	0	0	0	0
62+77	TO	70+16	739		1478	739	185		10	10	444	148	2402	0	0	1602
70+16	TO	70+46	30		60		8		1	1	18	6	68	0	0	46
70+46	TO	80+53	1007		2014	1007	252		13	13	606	202	3273	0	0	2182
80+53	TO	84+46	393		786	786			5	5	237	79	1572	0	0	1048
84+46	TO	86+03	157		315	315			2	2	96	32	630	0	0	420
86+03	=	39+77			0	0			0	0	0	0	0	0	0	0
39+77	TO	47+69	792		1584	1584			10	10	477	159	3168	0	0	2112
47+69	TO	192+32	14463		28926		3616		181	181	8679	2893	32542	0	0	21696
192+32	TO	199+03	671		1342		168		9	9	405	135	1510	0	0	504
199+03	TO	209+54	1051		2102	1051	263		14	14	633	211	3416	0	0	1139
209+54	TO	228+65	1911		3822	3822			24	24	1149	383	7644	0	0	2548
228+65	TO	231+21	256		513	257	65		4	4	156	52	835	0	0	279
231+21	=	235+79			0				0	0	0	0	0	0	0	0
235+79	TO	242+68	689		1379	690	173		9	9	414	138	2242	0	0	748
242+68	TO	416+02	17334		34668		4334		217	217	10401	3467	39002	0	0	13001
416+02	=	416+62			0				0	0	0	0	0	0	0	0
416+62	TO	468+50	5188		10376		1297		65	65	3114	1038	11673	0	0	3891
468+50	TO	473+50	500	61.2	1000	500	125	12	7	7	300	100	1625	12	61.2	713
473+50	TO	478+51	510	61.2	1019	510	128	12	7	7	306	102	1657	12	61.2	724
478+51	TO	484+62	611		1222		153		8	8	369	123	1375	0	0	459
484+62	=	492+95			0				0	0	0	0	0	0	0	0
492+95	TO	595+65	10270		20541		2568		129	129	6165	2055	23109	0	0	7703
595+65	=	596+34			0				0	0	0	0	0	0	0	0
596+34	TO	606+74	1040		2081		261		14	14	627	209	2342	0	0	781
SUBTOTAL B				244.8	120418	13706	14180	48	765	765	36162	12054	148304	48	244.8	67424
SUBTOTAL A				0	62711	15665	7232	0	411	411	18855	6285	85608	0	0	57098
TOTALS				244.8	183129	29371	21412	48	1176	1176	55017	18339	233912	48	244.8	124522
					233912											

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	DRAWN -	REVISED -
PLOT SCALE = 0.16666833' / in.	CHECKED -	REVISED -
PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

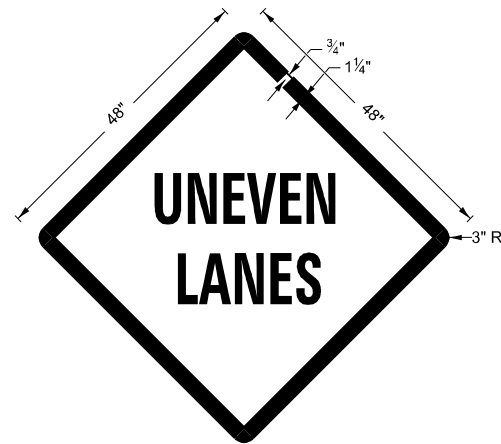
PAVEMENT MARKING SCHEDULE CONT.

SCALE: SHEET 15 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(120,119)RS-5	JEFFERSON	16	15
CONTRACT NO. 78A46				
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.

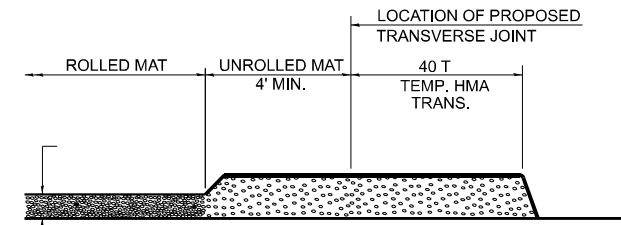
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

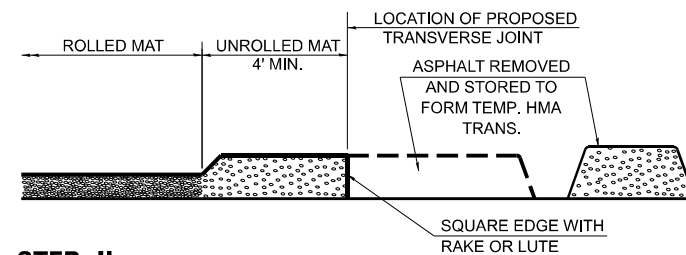
STD. 9-24

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



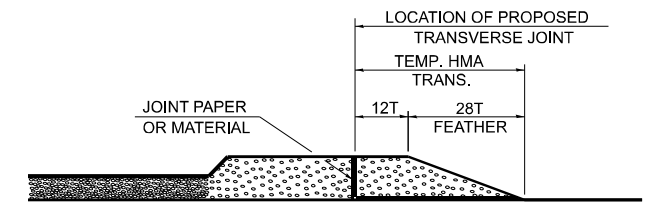
STEP I

- 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.
- EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



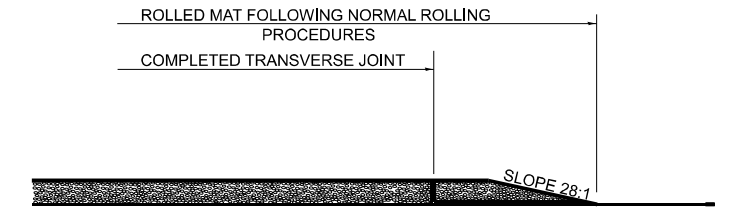
STEP II

- MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
- SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
- NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP III

- 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.
- NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



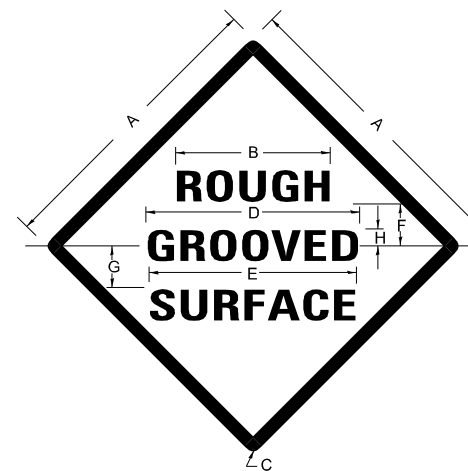
STEP IV

- COMPLETE TEMPORARY TRANSITION BY ROLLING.
- 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).
- CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

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

STD. 9-18

ILLINOIS STANDARD ROUGH GROOVED SURFACE SIGN



COLORS

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR-GIN	BOR-DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

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

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

DRAWN	02-15-89
REVISED	03-27-08
REVISED	10-21-21
REVISED	05-27-22

STD. 9-23

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT DETAILS

SCALE: SHEET 16 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	(120,119)RS-5	JEFFERSON	16	16
CONTRACT NO. 78A46			ILLINOIS FED. AID PROJECT	

USER NAME = Brandy.Maes	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 12/15/2023	CHECKED -	REVISED -
	DATE -	REVISED -