

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126RS-12	FRANKLIN	21	1
		ILLINOIS	CONTRACT NO. 78819	

FOR INDEX OF SHEETS, SEE SHEET NO. 3  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 6-7

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 726 (IL 148)  
SECTION 126RS-12  
PROJECT STP-1BM9(670)  
PATCHING AND 3P RESURFACING  
FRANKLIN COUNTY

**TRAFFIC DATA**

IL 148			
	2019	2021	2041
PV =	3,340	3,410	4,160
SU =	110	110	135
MU =	100	100	125
ADT =	3,550	3,620	4,420

**TOWNSHIPS**

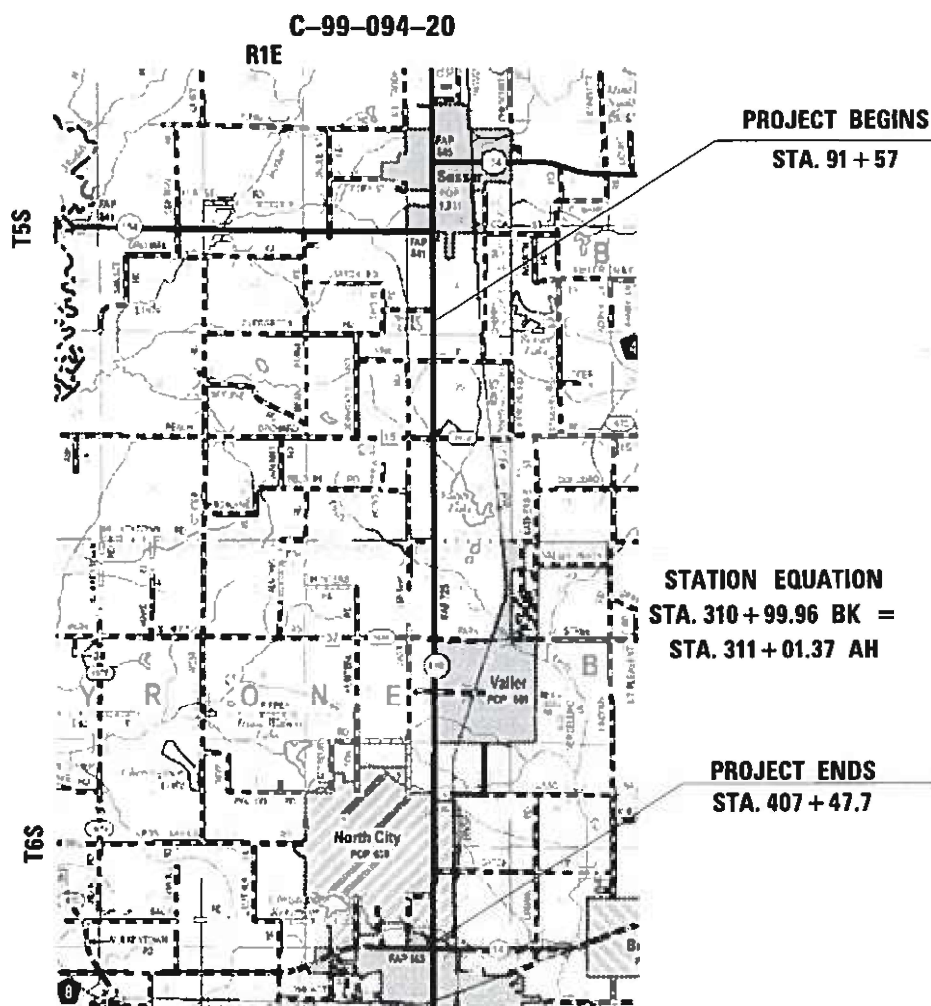
GOODE AND TYRONE

DESIGN DESIGNATION : 425(19)MINOR ARTERIAL 0.43(HMA-20)  
COORDINATE SYSTEM : NAD 1983 STATE PLANE ILLINOIS EAST FIPS 1201 FEET  
POSTED SPEED : 30/50/55 MPH

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

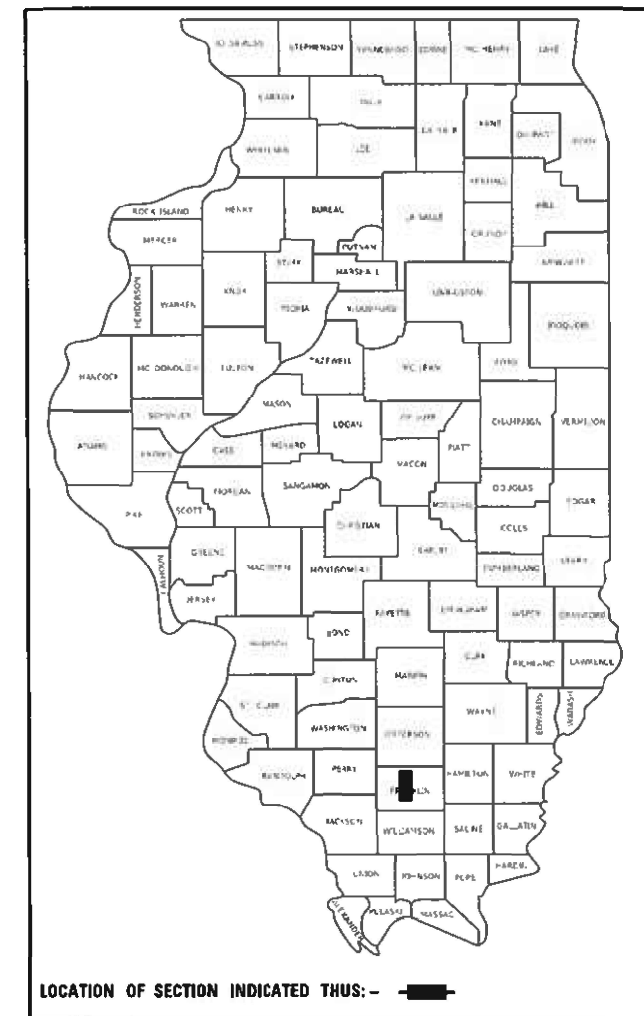
PROJECT ENGINEER VALERIE ROLLA  
PROJECT DESIGNER MELISSA COLE

CONTRACT NO. 78819



GROSS LENGTH = 31589 FT. = 6.0 MILES  
NET LENGTH = 31589 FT. = 6.0 MILES

D-99-074-20



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 01-27-2021  
*[Signature]*  
REGION FIVE ENGINEER

March 19, 2021  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2021  
*[Signature]*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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MDPL Debut  
FILE NAME: c:\p1\planroom\cor\illinois\dot\pw\DOT Documents\DOT - District\District - 99\Project\78819\CADD\stat\CDr\ee\0912819\_Sheets.dgn

Prepared By: Charles Stein  
DISTRICT STUDIES & PLANS ENGINEER

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

Examined By: Carver  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Karl Nely  
DISTRICT OPERATIONS ENGINEER

Examined By: Keith Roberts DU  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Douglas J. Tschudi  
DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]  
DISTRICT MATERIALS ENGINEER

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGNATURE SHEET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126RS-12	FRANKLIN	21	2
CONTRACT NO. 78819				
ILLINOIS FED. AID PROJECT				



# HMA MIXTURE REQUIREMENTS TABLES

The following HMA mixture requirements are applicable for this project

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D; N70
AB/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	D Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	TBD

Location(s):	Hot-Mix Asphalt Binder Course
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-9.5FG
AB/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm Fine Graded
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	TBD

Location(s):	Hot-Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Surface Course, N30, IL-9.5L
PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5L
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

Location(s):	Class D Pavement Patching
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-19.0
PG:	PG64-22
ABR % (Max):	See Special Provision
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA-Patching
Sublot Size:	NA

Location(s):	Incidental Surfacing
Mixture Use(s):	Hot-Mix Asphalt Surface Course, N70
PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	C Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>MIX DESIGN</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126RS-12	FRANKLIN	21	4
CONTRACT NO. 78819				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

COUNTY:	COUNTY:	FRANKLIN
ROUTE:	ROUTE:	FAP 726 (IL 148)
FUNDING:	FUNDING:	80% FEDERAL 20% STATE
LOCATION:	LOCATION:	RURAL
	TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	66,228	66,228
40600990	TEMPORARY RAMP	SQ YD	94	94
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	5,891	5,891
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	7,014	7,014
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	32	32
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	1,293	1,293
44000100	PAVEMENT REMOVAL	SQ YD	1,293	1,293
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	26,774	26,774
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	78,707	78,707
44201299	DOWEL BARS 1 1/2"	EACH	26	26
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SQ YD	861	861
44201381	CLASS C PATCHES, TYPE III, 12 INCH	SQ YD	92	92

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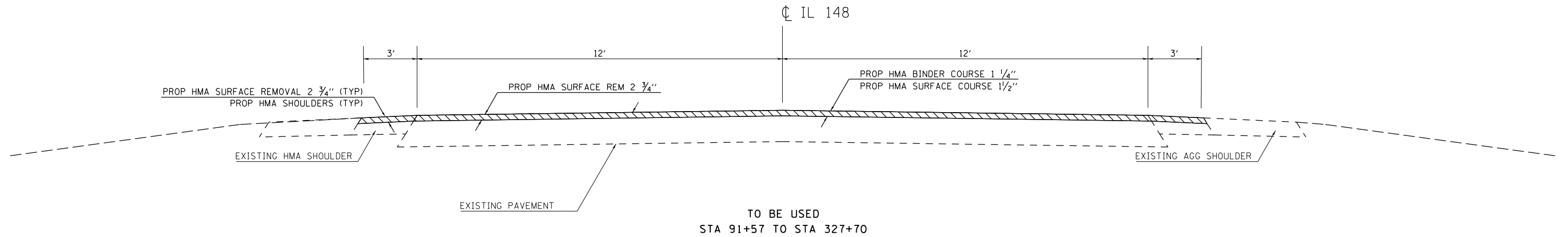
### SUMMARY OF QUANTITIES - CONT

COUNTY:	COUNTY:	FRANKLIN
ROUTE:	ROUTE:	FAP 726 (IL 148)
FUNDING:	FUNDING:	80% FEDERAL 20% STATE
LOCATION:	LOCATION:	RURAL
		ROADWAY
		0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	86,400	86,400
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	410	410
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	410	410
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	41,484	41,484
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	31,142	31,142
Z0034105	MATERIAL TRANSFER DEVICE	TON	16,362	16,362

\* SPECIALTY ITEM

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TO BE USED  
STA 91+57 TO STA 327+70

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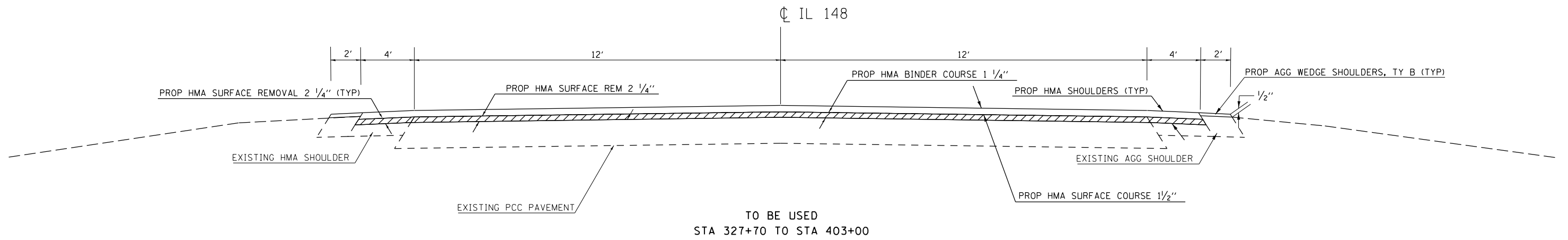
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126RS-12	FRANKLIN	21	8
CONTRACT NO. 78819				
ILLINOIS FED. AID PROJECT				





TO BE USED  
STA 327+70 TO STA 403+00

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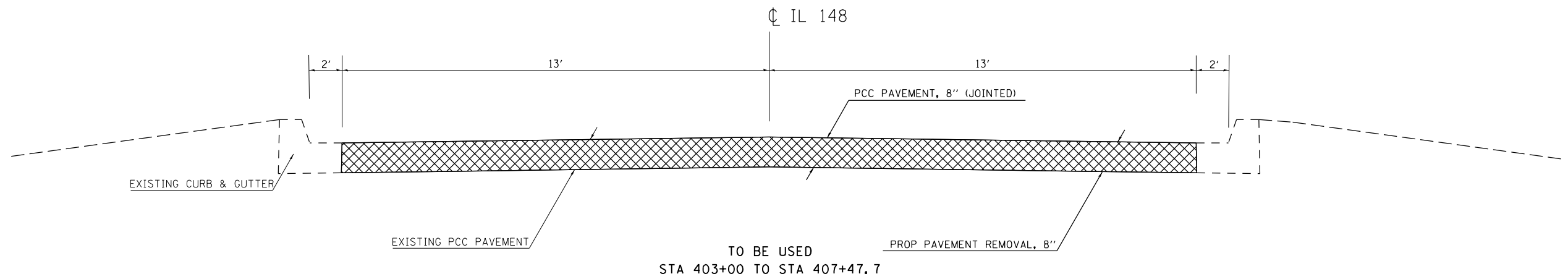
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126RS-12	FRANKLIN	21	9
CONTRACT NO. 78819			ILLINOIS FED. AID PROJECT	



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PLOT DATE = 1/28/2021	DATE -	REVISED -

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

**TYPICAL SECTION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126RS-12	FRANKLIN	21	10
CONTRACT NO. 78819				
ILLINOIS FED. AID PROJECT				

## HMA PAVEMENT SCHEDULE

LOCATION STATION TO STATION	EXIST. PAVEMENT LENGTH (INFO ONLY)	EXIST. PAVEMENT WIDTH	TEMP RAMPS	HMA BINDER CSE IL-9.5FG, N70 (1 1/4")	HMA SURFACE CSE MIX D, N70 (1 1/2")	MATERIAL TRANSFER DEVICE	HMA SURFACE REMOVAL, 2 1/4"	HMA SURFACE REMOVAL, 2 3/4"	LONG JOINT SEALANT	BITUMINOUS MATERIALS (TACK COAT)	
	FOOT	FOOT	SQ YD	TON	TON	TON	SQ YD	SQ YD	FOOT	POUND	
<b>OLD IL 13</b>											
STA 91+57.00 TO STA 95+50.00	393.00	24	25	75	89	164		1048	393	708	
STA 95+50.00 TO STA 103+00.00	750.00	24		142	169	311		2000	750	1350	
STA 103+00.00 TO STA 143+00.00	4000.00	24		757	901	1658		10667	4000	7200	
STA 143+00.00 TO STA 310+99.96	16799.96	24		3177	3783	6960		44800	16800	30240	
<b>EQ. STA 310+99.96 BK TO STA 311+01.37 AH</b>											
STA 311+01.37 TO STA 327+70.00	1668.63	24	25	316	376	692		4450	1669	3004	
STA 327+70.00 TO STA 403+00.00	7530.00	24	26	1424	1696	3120	20080		7530	13554	
STA 403+00.00 TO STA 407+47.70	447.70	26	18								
<b>PROJECT TOTALS</b>				94	5891	7014	12905	20080	62965	31142	56056

## PCC PAVEMENT SCHEDULE

LOCATION STATION TO STATION	EXIST. PAVEMENT LENGTH (INFO ONLY)	EXIST. PAVEMENT WIDTH	PAVEMENT REMOVAL	PCC PAVEMENT 8" (JOINTED)	TIE BARS 3/4"	DOWEL BARS 1 1/2"
	FOOT	FOOT	SQ YD	SQ YD	EACH	EACH
<b>OLD IL 13</b>						
STA 91+57.00 TO STA 95+50.00	393.00	24				
STA 95+50.00 TO STA 103+00.00	750.00	24				
STA 103+00.00 TO STA 143+00.00	4000.00	24				
STA 143+00.00 TO STA 310+99.96	16799.96	24				
<b>EQ. STA 310+99.96 BK TO STA 311+01.37 AH</b>						
STA 311+01.37 TO STA 327+70.00	1668.63	24				
STA 327+70.00 TO STA 403+00.00	7530.00	24				
STA 403+00.00 TO STA 407+47.70	447.70	26	1293	1293	866	26
<b>PROJECT TOTALS</b>			1293	1293	866	26

## SHOULDER SCHEDULE

LOCATION STATION TO STATION	EXIST. SHOULDER LENGTH (INFO ONLY)	EXIST. SHOULDER WIDTH	HMA SHOULDERS (2.75)	AGG WEDGE SHOULDER TY B	MATERIAL TRANSFER DEVICE	HMA SURFACE REMOVAL, 2 1/4"	HMA SURFACE REMOVAL, 2 3/4"	BITUMINOUS MATERIALS (TACK COAT)	SHOULDER RUMBLE STRIPS 8 INCH
	FOOT	FOOT	TON	TON	TON	SQ YD	SQ YD	POUND	FOOT
<b>OLD IL 13</b>									
STA 91+57.00 TO STA 95+50.00	393.00	6	41		41		262	118	786
STA 95+50.00 TO STA 103+00.00	750.00	6	77		77		500	225	1500
STA 103+00.00 TO STA 143+00.00	4000.00	6	411		411		2667	1200	8000
STA 143+00.00 TO STA 310+99.96	16799.96	6	1725		1725		11200	5040	33600
<b>EQ. STA 310+99.96 BK TO STA 311+01.37 AH</b>									
STA 311+01.37 TO STA 327+70.00	1668.63	6	172		172		1113	501	3338
STA 327+70.00 TO STA 403+00.00	7530.00	8	1031	96	1031	6694		3012	15060
STA 403+00.00 TO STA 407+47.70	447.70	C & G							
<b>PROJECT TOTALS</b>			3457	96	3457	6694	15742	10096	62284

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 PROJECT: 126RS-12  
 SHEET: 21 OF 11

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT AND SHOULDER  
SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126RS-12	FRANKLIN	21	11
CONTRACT NO. 78819				
ILLINOIS FED. AID PROJECT				

## PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION					THERMOPLASTIC PAVEMENT MARKING			RAISED REFL PAVEMENT MARKER	RAISED REFL PAVEMENT MARKER REMOVAL
					LINE - 4" WHITE	LINE - 4" YELLOW			
					SOLID	SOLID	SKIP - DASH		
					FOOT	FOOT	FOOT		
<b>OLD IL 13</b>									
STA	91+57.00	TO	STA	103+80.00	2446		306	16	16
STA	103+80.00	TO	STA	144+75.00	8046	4095	1024	52	52
STA	144+75.00	TO	STA	157+27.00	2504		313	16	16
STA	157+27.00	TO	STA	165+00.00	1546	773	193	10	10
STA	165+00.00	TO	STA	169+00.00	800	400	100	5	5
STA	169+00.00	TO	STA	175+66.00	1332	666	167	9	9
STA	175+66.00	TO	STA	176+66.00	200		25	2	2
STA	176+66.00	TO	STA	180+25.00	718	359	90	5	5
STA	180+25.00	TO	STA	192+39.00	2428	1214	304	16	16
STA	192+39.00	TO	STA	215+20.00	4562		570	29	29
STA	215+20.00	TO	STA	223+00.00	1560	780	195	10	10
STA	223+00.00	TO	STA	227+50.00	900	450	113	6	6
STA	227+50.00	TO	STA	233+54.00	1208	604	151	8	8
STA	233+54.00	TO	STA	234+37.00	166		21	2	2
STA	234+37.00	TO	STA	241+75.00	1476	738	185	10	10
STA	241+75.00	TO	STA	245+50.00	750	375	94	5	5
STA	245+50.00	TO	STA	253+72.00	1644	822	206	11	11
STA	253+72.00	TO	STA	265+25.00	2306		288	15	15
STA	265+25.00	TO	STA	275+25.00	2000	1000	250	13	13
STA	275+25.00	TO	STA	276+75.00	300	150	38	2	2
STA	276+75.00	TO	STA	286+74.00	1998	999	250	13	13
STA	286+74.00	TO	STA	290+10.00	672		84	5	5
STA	290+10.00	TO	STA	299+50.00	1880	940	235	12	12
STA	299+50.00	TO	STA	301+50.00	400	200	50	3	3
STA	301+50.00	TO	STA	310+50.00	1800	900	225	12	12
STA	310+50.00	TO	STA	327+70.00	3440		430	22	22
STA	327+70.00	TO	STA	403+00.00	15060		1883	95	95
STA	403+00.00	TO	STA	407+47.70	895		112	6	6
<b>SUBTOTAL</b>					63037	15465	7898	410	410
<b>TOTAL</b>						<b>86400</b>		<b>410</b>	<b>410</b>

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126RS-12	FRANKLIN	21	12
CONTRACT NO. 78819				
ILLINOIS FED. AID PROJECT				

## TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION				TEMPORARY PAVEMENT MARKING			TEMP PAVEMENT MARKING REMOVAL  SQ FT	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL  SQ FT	
				LINE - 4* WHITE	LINE - 4* YELLOW					
				SOLID	SOLID LT	SKIP - DASH				
				FOOT	FOOT	FOOT				
<b>OLD IL 13</b>										
STA	91+57.00	TO	STA	103+80.00	2446		306	918	369	123
STA	103+80.00	TO	STA	144+75.00	8046	4095	1024	4389	1230	410
STA	144+75.00	TO	STA	157+27.00	2504		313	939	378	126
STA	157+27.00	TO	STA	165+00.00	1546	773	193	838	234	78
STA	165+00.00	TO	STA	169+00.00	800	400	100	434	120	40
STA	169+00.00	TO	STA	175+66.00	1332	666	167	722	201	67
STA	175+66.00	TO	STA	176+66.00	200		25	75	30	10
STA	176+66.00	TO	STA	180+25.00	718	359	90	389	108	36
STA	180+25.00	TO	STA	192+39.00	2428	1214	304	1316	366	122
STA	192+39.00	TO	STA	215+20.00	4562		570	1711	687	229
STA	215+20.00	TO	STA	223+00.00	1560	780	195	845	234	78
STA	223+00.00	TO	STA	227+50.00	900	450	113	488	135	45
STA	227+50.00	TO	STA	233+54.00	1208	604	151	655	183	61
STA	233+54.00	TO	STA	234+37.00	166		21	63	27	9
STA	234+37.00	TO	STA	241+75.00	1476	738	185	800	222	74
STA	241+75.00	TO	STA	245+50.00	750	375	94	407	114	38
STA	245+50.00	TO	STA	253+72.00	1644	822	206	891	249	83
STA	253+72.00	TO	STA	265+25.00	2306		288	865	348	116
STA	265+25.00	TO	STA	275+25.00	2000	1000	250	1084	300	100
STA	275+25.00	TO	STA	276+75.00	300	150	38	163	45	15
STA	276+75.00	TO	STA	286+74.00	1998	999	250	1083	300	100
STA	286+74.00	TO	STA	290+10.00	672		84	252	102	34
STA	290+10.00	TO	STA	299+50.00	1880	940	235	1019	282	94
STA	299+50.00	TO	STA	301+50.00	400	200	50	217	60	20
STA	301+50.00	TO	STA	310+50.00	1800	900	225	975	270	90
STA	310+50.00	TO	STA	327+70.00	3440		430	1290	516	172
STA	327+70.00	TO	STA	403+00.00	15060		1883	5648	2259	753
STA	403+00.00	TO	STA	407+47.70	895		112	336	135	45
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<b>TOTAL</b>						<b>86400</b>		<b>41484</b>	<b>12672</b>	<b>3168</b>

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	DRAWN -	REVISED -
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PLOT DATE = 1/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY PAVEMENT MARKING SCHEDULE</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126RS-12	FRANKLIN	21	13
CONTRACT NO. 78819				
ILLINOIS FED. AID PROJECT				

# CLASS C PATCHING SCHEDULE

MILES	NB LANE		TYPE II	TYPE III	TYPE IV
	LENGTH	WIDTH			
0.04	6	12	8.0	0.0	0.0
0.02	6	12	8.0	0.0	0.0
0.4	8	12	10.7	0.0	0.0
0.56	10	12	13.3	0.0	0.0
1.12	15	12	0.0	20.0	0.0
1.16	6	12	8.0	0.0	0.0
1.18	8	12	10.7	0.0	0.0
1.3			0.0	0.0	0.0
1.35	10	12	13.3	0.0	0.0
1.4	6	12	8.0	0.0	0.0
1.6	10	12	13.3	0.0	0.0
1.75	6	12	8.0	0.0	0.0
1.87	6	12	8.0	0.0	0.0
1.95	6	12	8.0	0.0	0.0
2.05	6	12	8.0	0.0	0.0
2.1	10	12	13.3	0.0	0.0
2.11	6	12	8.0	0.0	0.0
2.14	6	12	8.0	0.0	0.0
2.16	6	12	8.0	0.0	0.0
2.26	15	12	0.0	20.0	0.0
2.29	6	12	8.0	0.0	0.0
2.3	6	12	8.0	0.0	0.0
2.36	10	12	13.3	0.0	0.0
2.47	10	12	13.3	0.0	0.0
2.53	8	12	10.7	0.0	0.0
2.54	6	12	8.0	0.0	0.0
2.55	8	12	10.7	0.0	0.0
2.69	10	12	13.3	0.0	0.0
2.8	8	12	10.7	0.0	0.0
2.9	6	12	8.0	0.0	0.0
			0.0	0.0	0.0
2.97	20	12	0.0	0.0	26.7
3	6	12	8.0	0.0	0.0
3.01	6	12	8.0	0.0	0.0
3.02	6	12	8.0	0.0	0.0
3.04	6	12	8.0	0.0	0.0
3.16	8	12	10.7	0.0	0.0
3.33	6	12	8.0	0.0	0.0
3.67	20	12	0.0	0.0	26.7
3.8	6	12	8.0	0.0	0.0
3.9	6	12	8.0	0.0	0.0
4.1	6	12	8.0	0.0	0.0
4.2	6	12	8.0	0.0	0.0
4.9	12	12	0.0	16.0	0.0
4.97	10	12	13.3	0.0	0.0
5.11	8	12	10.7	0.0	0.0
5.26	10	12	13.3	0.0	0.0
7.28	6	12	8.0	0.0	0.0
5.35	6	12	8.0	0.0	0.0
5.52	8	12	10.7	0.0	0.0
5.6	20	12	0.0	0.0	26.7
5.75	6	12	8.0	0.0	0.0
5.77	6	12	8.0	0.0	0.0
5.908			0.0	0.0	0.0
5.917			0.0	0.0	0.0
5.995			0.0	0.0	0.0
SUBTOTAL (NB)			429.3	56.0	80.0

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				SCALE:      SHEET      OF      SHEETS      STA.      TO STA.	ILLINOIS FED. AID PROJECT      CONTRACT NO. 78819				

# CLASS C PATCHING SCHEDULE

MILES	SB LANE		TYPE II	TYPE III	TYPE IV
	LENGTH	WIDTH			
0.04	6	12	8.0	0.0	0.0
0.02	6	12	8.0	0.0	0.0
0.4	8	12	10.7	0.0	0.0
0.56	10	12	13.3	0.0	0.0
1.12	8	12	10.7	0.0	0.0
1.16	6	12	8.0	0.0	0.0
1.18	6	12	8.0	0.0	0.0
1.3	8	12	10.7	0.0	0.0
1.35	10	12	13.3	0.0	0.0
1.4	6	12	8.0	0.0	0.0
1.6	10	12	13.3	0.0	0.0
1.75	6	12	8.0	0.0	0.0
1.87	6	12	8.0	0.0	0.0
1.95	6	12	8.0	0.0	0.0
2.05	6	12	8.0	0.0	0.0
2.1	6	12	8.0	0.0	0.0
2.11	6	12	8.0	0.0	0.0
2.14	6	12	8.0	0.0	0.0
2.16	6	12	8.0	0.0	0.0
2.26	15	12	0.0	20.0	0.0
2.29	6	12	8.0	0.0	0.0
2.3	6	12	8.0	0.0	0.0
2.36	10	12	13.3	0.0	0.0
2.47	10	12	13.3	0.0	0.0
2.53	8	12	10.7	0.0	0.0
2.54	6	12	8.0	0.0	0.0
2.55	8	12	10.7	0.0	0.0
2.69	10	12	13.3	0.0	0.0
2.8	8	12	10.7	0.0	0.0
2.9	6	12	8.0	0.0	0.0
			0.0	0.0	0.0
2.97	20	12	0.0	0.0	26.7
3	6		0.0	0.0	0.0
3.01	6	12	8.0	0.0	0.0
3.02	6	12	8.0	0.0	0.0
3.04	6	12	8.0	0.0	0.0
3.16	8	12	10.7	0.0	0.0
3.33	6	12	8.0	0.0	0.0
3.67	20	12	0.0	0.0	26.7
3.8	6	12	8.0	0.0	0.0
3.9	6	12	8.0	0.0	0.0
4.1	6	12	8.0	0.0	0.0
4.2	6	12	8.0	0.0	0.0
4.9	12	12	0.0	16.0	0.0
4.97	10	12	13.3	0.0	0.0
5.11			0.0	0.0	0.0
5.26	10	12	13.3	0.0	0.0
7.28	6	12	8.0	0.0	0.0
5.35	6	12	8.0	0.0	0.0
5.52	8	12	10.7	0.0	0.0
5.6	20	12	0.0	0.0	26.7
5.75	6	12	8.0	0.0	0.0
5.77	6	12	8.0	0.0	0.0
5.908			0.0	0.0	0.0
5.917	6	12	8.0	0.0	0.0
5.995			0.0	0.0	0.0
SUBTOTAL (SB)			432.0	36.0	80.0
TOTAL =			861.3	92.0	160.0

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				SCALE:	SHEET OF SHEETS		STA. TO STA.		
						ILLINOIS FED. AID PROJECT		CONTRACT NO. 78819	

# SIDE ROAD SCHEDULE

LOCATION			EXIST SURFACE TYPE	PROP SURFACE TYPE	WIDTH 1	WIDTH 2	LENGTH (FROM EOP)	AREA	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIALS (TACK COAT)	HMA SURFACE REMOVAL - BUTT JOINT
FRANKLIN COUNTY											
SIDE	SIDEROAD TYPE	STATION	FOOT	FOOT	FOOT	SQ FT	TON	POUND	SQ YD		
LT	IZAAC WALTON	328+40	PCC	HMA	109	88	5	493	2	13	
RT	FRANKLIN	328+40	PCC	HMA	109	88	5	493	2	13	
RT	DIVISION	355+15	O&C	HMA	90	68	5	395	2	10	
LT	JERRYS LANE	362+10	PCC	HMA	57	47	5	260	1	7	
LT	DUSTINS LANE	364+67	PCC	HMA	57	47	5	260	1	7	
LT	SATCH	368+60	O&C	HMA	97	75	5	430	2	11	
RT	OLD NORTH	381+76	O&C	HMA	100	80	5	450	2	12	
<b>TOTALS</b>									12	73	0

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEROAD SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126RS-12	FRANKLIN	21	16
CONTRACT NO. 78819				
ILLINOIS FED. AID PROJECT				



## ENTRANCE SCHEDULE

LOCATION			EXIST SURFACE TYPE	PROP SURFACE TYPE	WIDTH 1	WIDTH 2	LENGTH (FROM EOP)	AREA	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIALS (TACK COAT)
FAP 726 (IL 148)										
FRANKLIN COUNTY										
SIDE	ENTRANCE TYPE				FOOT	FOOT	FOOT	SQ FT	TON	POUND
LT	PRIVATE	8	AGG	HMA	32	25	5	143	4	0
RT	PRIVATE	10	AGG	HMA	32	25	5	143	5	0
LT	FIELD	2	AGG	HMA	32	25	5	143	1	0
RT	FIELD	1	AGG	HMA	32	25	5	143	1	0
LT	PRIVATE	1	HMA APRON	HMA	32	25	5	143	1	1
RT	PRIVATE	3	HMA APRON	HMA	32	25	5	143	2	1
LT	PRIVATE	4	HMA	HMA	32	25	5	143	2	1
LT	COMMERCIAL									
	ULTIMATE FITNESS	1	AGG	HMA	78	71	5	373	2	0
RT	COMMERCIAL									
	NAPA	1	AGG	HMA	42	31	5	183	1	0
	TRUCKING	1	AGG	HMA	62	54	5	290	1	0
<b>TOTALS</b>									20	3

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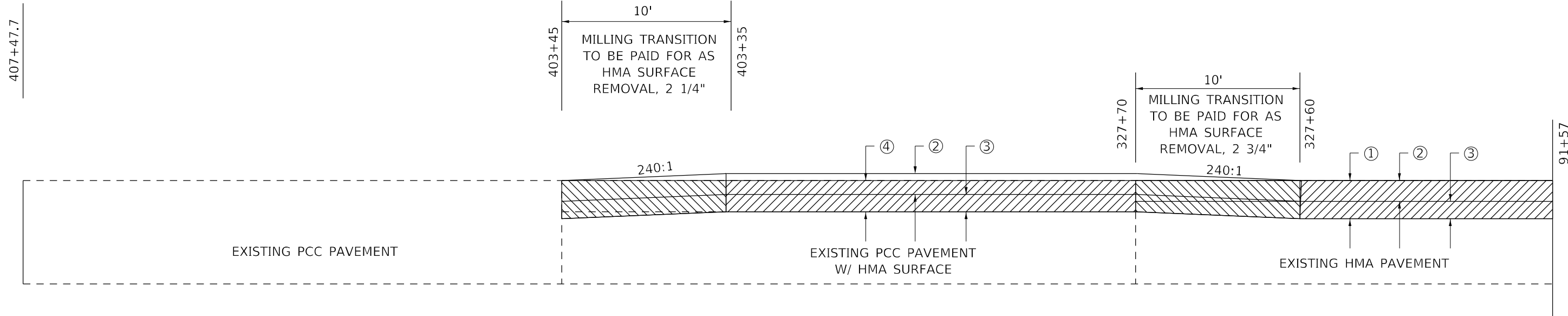
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PLOT DATE = 1/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE SCHEDULE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126RS-12	FRANKLIN	21	17
CONTRACT NO. 78819				
ILLINOIS FED. AID PROJECT				



- ① HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- ② HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- ③ HOT-MIX ASPHALT BINDER COURSE, 1 1/4"
- ④ HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑤ EXISITING HMA SURFACE OVER PCC PAVEMENT, 2 1/4"
- ⑥ HOT-MIX ASPHALT SURFACE COURSE, 1 1/2" TAPERED TO END
- ⑦ HOT-MIX ASPHALT BINDER COURSE, 1 1/4" TAPERED TO END
- ⑧ BUTT JOINT MILLING TO BE PAID FOR AS HMA SURFACE REMOVAL, 2 1/4"

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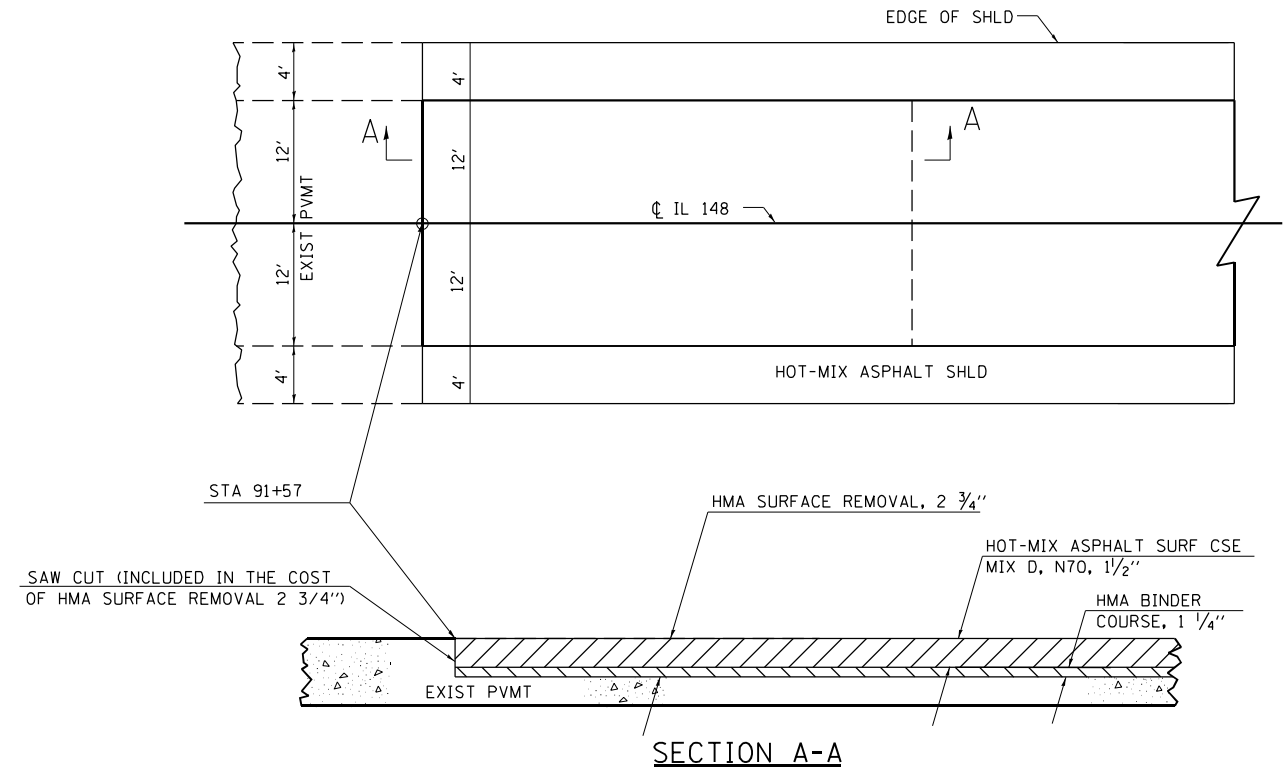
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRANSITION DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126RS-12	FRANKLIN	21	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78819	

# INLAY DETAIL



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 SHEETS: 19

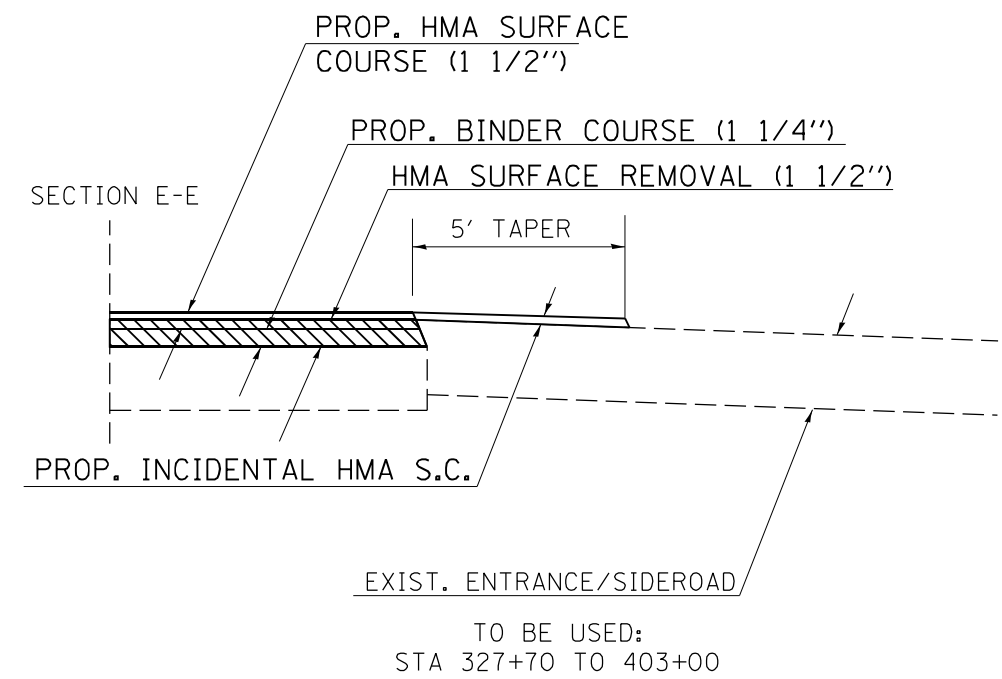
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PLOT DATE = 1/28/2021	CHECKED -	REVISED -
	DATE -	REVISED -

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

**INLAY/BUTT JOINT DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126R5-12	FRANKLIN	21	19
CONTRACT NO. 78819				
ILLINOIS FED. AID PROJECT				



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 PROJECT: 78819  
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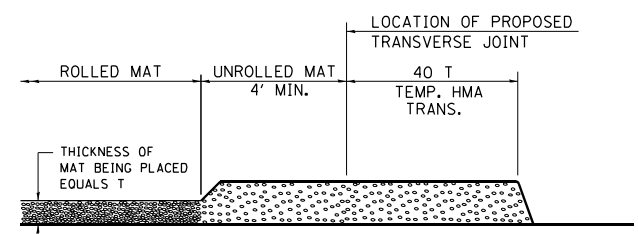
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PLOT DATE = 1/28/2021	DATE -	REVISED -

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

SIDE APPROACH DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

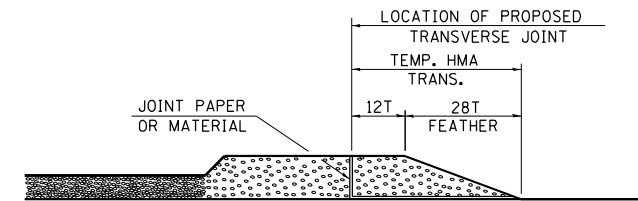
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126RS-12	FRANKLIN	21	20
CONTRACT NO. 78819				
ILLINOIS FED. AID PROJECT				

**TEMPORARY HOT-MIX ASPHALT TRANSITIONS**



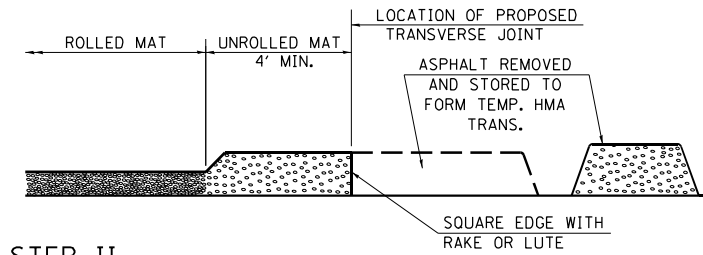
**STEP I**

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



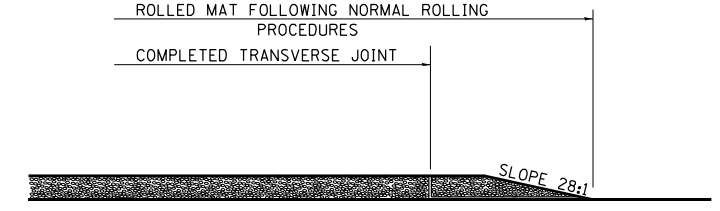
**STEP III**

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



**STEP II**

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



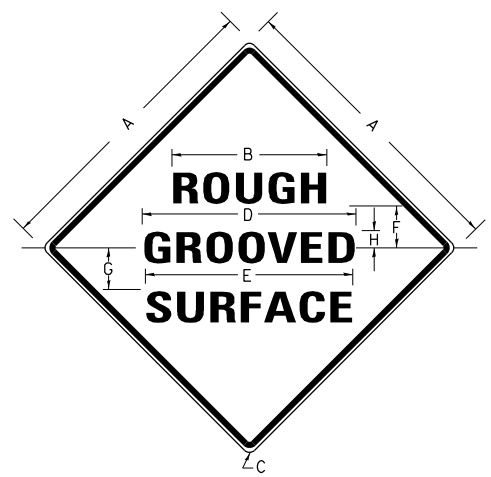
**STEP IV**

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08
REVISED	05-16-13

STD. 9-26

**ILLINOIS STANDARD**



**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.

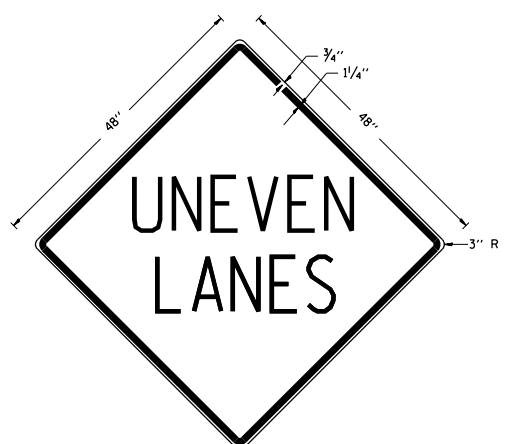
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS	
REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

STD. 9-39

**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.

REVISIONS	
DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13

STD. 9-41

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMP HMA TRANSITIONS, ROUGH GROOVED  
SURFACE AND UNEVEN LANES DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	126R5-12	FRANKLIN	21	21
CONTRACT NO. 78819				
ILLINOIS FED. AID PROJECT				