

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113RS-6	JEFFERSON	11	1
ILLINOIS CONTRACT NO. 78741				

FOR INDEX OF SHEETS, SEE SHEET NO. 3

PROPOSED HIGHWAY PLANS

FAP ROUTE 849 (IL 142)
SECTION 113RS-6
PROJECT STP-TE8R(484)
PATCHING AND RESURFACING
JEFFERSON COUNTY

C-99-082-19

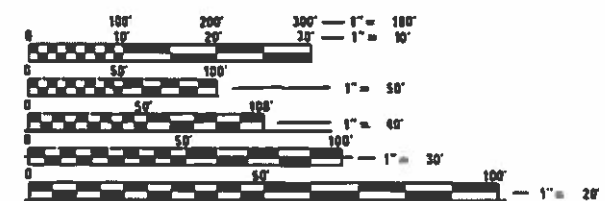
STATION EQUATIONS:
 STA 257 + 12.38(BK) = STA 259 + 52.70(AH)
 STA 314 + 18.45(BK) = STA 314 + 70.50(AH)
 STA 344 + 25.05(BK) = STA 344 + 51.20(AH)
 STA 385 + 51.37(BK) = STA 385 + 51.40(AH)
 STA 397 + 91.29(BK) = STA 398 + 09.20(AH)
 STA 423 + 74.70(BK) = STA 425 + 00.00(AH)
 STA 695 + 57.19(BK) = STA 695 + 66.90(AH)

PAVING OMISSIONS
 STA 535 + 95 TO STA 536 + 70
 STA 582 + 75 TO STA 584 + 58
 STA 678 + 89 TO STA 679 + 80
 STA 682 + 85 TO STA 683 + 45

TOWNSHIPS
 DODDS
 PENDELTON

TRAFFIC DATA (2017)
 ADT = 3,050
 PV = 2,705
 SU = 255
 MU = 90

POSTED SPEED LIMIT: 55 MPH
 DESIGN DESIGNATION: N/A

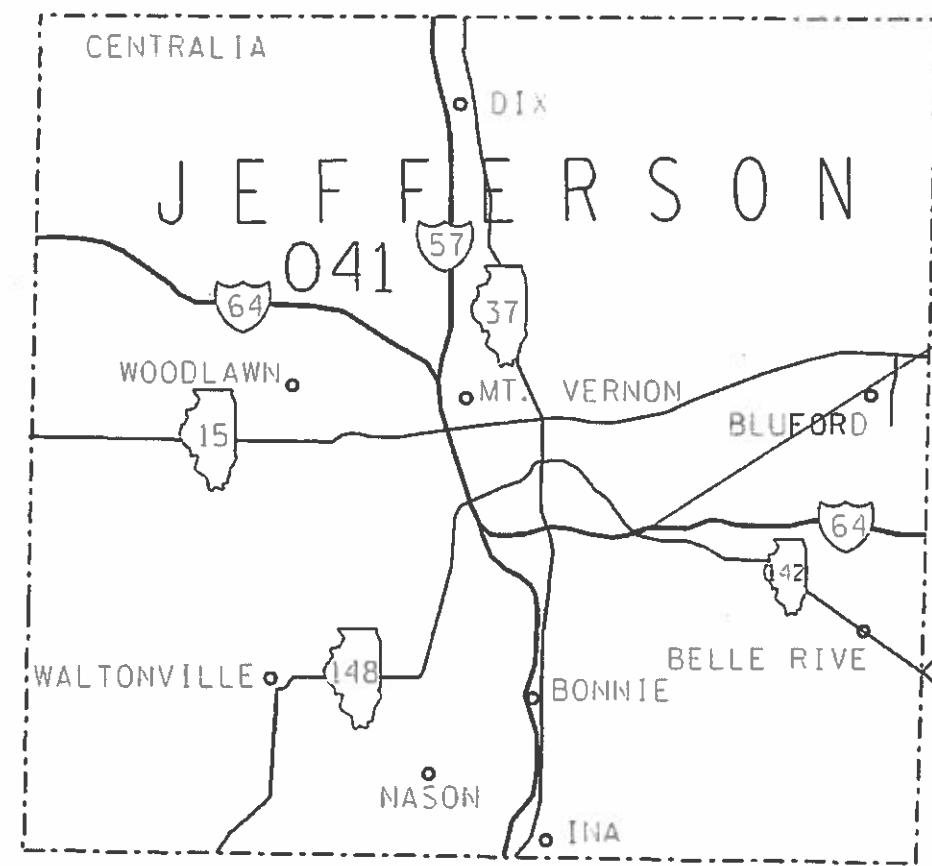


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
 1-800-492-0123
 OR 811

PROJECT ENGINEER SUSAN POE
 PROJECT MANAGER CHRIS RUSSELL

CONTRACT NO. 78741



PROJECT BEGINS
 STA 210 + 77

PROJECT ENDS
 STA 708 + 08
 HAMILTON COUNTY LINE

GROSS LENGTH = 51,097.56 FT. = 9.7 MILE
 NET LENGTH = 50,688.56 FT. = 9.6 MILE



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED 05-31-19
[Signature]
 REGIONAL ENGINEER

June 14, 2019
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

June 14, 2019
[Signature]
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

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Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: _____
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Keel M. J.
DISTRICT OPERATIONS ENGINEER

Examined By: KTQ
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Douglas J. Hilliard
DISTRICT CONSTRUCTION ENGINEER

Examined By: _____
DISTRICT MATERIALS ENGINEER

USER NAME = russellc	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/31/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE. 849	SECTION 113RS-6	COUNTY JEFFERSON	TOTAL SHEETS 11	SHEET NO. 2
CONTRACT NO. 78741				
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

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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

AFTER A LIFT OF HOT MIX ASPHALT HAS BEEN PLACED, THE LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150 DEGREES FAHRENHEIT

THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE HOT MIX ASPHALT SURFACE REMOVAL.

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES COMMITMENTS
4	MTD CROSSING RESTRICTIONS, MIX DESIGN
5-6	SUMMARY OF QUANTITIES
7	TYPICAL SECTIONS: IL 142
8-10	SCHEDULE OF QUANTITIES
11	DETAILS: ROUGH GROOVED SURFACE, UNEVEN PAVEMENT, TEMPORARY HOT-MIX ASPHALT TRANSITIONS

HIGHWAY STANDARDS

- 000001-07.STANDARDSYMBOLSABBREVIATIONS&PATTERNS
- 001001-02.AREASOFREINFREBARS
- 001006.DECIMALOFINCH&FOOT
- 442201-03.CLASSC&DPATCHES
- 701001-02.OFFRDOP-2L2W-15FTMINFROMEOP
- 701006-05.OFFRDOP-2L2W-15FTTTOEOP
- 701011-04.OFFRDMOVINGOP-2L2W-DAYONLY
- 701301-04.LNCLCLOSURE2L2W-SHORTTIMEOP
- 701306-04.LNCLCLOSURE2L2W-SLOWMOVEOPDAYONLY45MPHORMORE
- 701311-03.LNCLCLOSURE2L2W-MOVINGOPDAYONLY
- 701336-07.LNCLCLOSURE2L2W-WORKAREASINSERIES45MPHORMORE
- 701901-08.TRAFCNTRLDEVICES
- 780001-05.TYPICALPVMTMRKINGS
- 781001-04.TYPICALAPPRAISEDREFLCPVMTMRKRS

COMMITMENTS NONE

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PLOT SCALE = 100 0000' / in	CHECKED -	REVISED -		849	113RS-6	JEFFERSON	11	3	
PLOT DATE = 5/31/2019	DATE -	REVISED -		SCALE		SHEET	OF	SHEETS	STA.
									TO STA.

ILLINOIS FED. AID PROJECT

MTD CROSSING RESTRICTIONS TABLE

STRUCTURE NUMBER	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	
041-0062			pending
041-0044			pending
041-7083	3.5		none
041-2017	2.8		pending
041-0046			pending
041-0099			pending
041-0048			pending

MIXTURE REQUIREMENTS

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

Locations	Hot-Mix Asphalt Leveling Binder
Mixture Use(s):	Hot-Mix Asphalt Leveling Binder, N70 Fine Graded
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

Locations	Pavement Patching
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-19.0
AB/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

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SUMMARY OF QUANTITIES

COUNTY:	JEFFERSON CO
ROUTE:	IL 142
FUNDING:	80% FED / 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	100,145	100,145
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	6,224	6,224
40600990	TEMPORARY RAMP	SO YD	226	226
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	12,368	12,368
44000154	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/4"	SO YD	90	90
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	146,462	146,462
44200201	PAVEMENT PATCHING, TYPE I, 17 INCH	SO YD	5	5
44200202	PAVEMENT PATCHING, TYPE II, 17 INCH	SO YD	675	675
44200204	PAVEMENT PATCHING, TYPE III, 17 INCH	SO YD	115	115
44200206	PAVEMENT PATCHING, TYPE IV, 17 INCH	SO YD	496	496
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2,474	2,474
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3
67100100	MOBILIZATION	L SUM	1	1

REV. - MS

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USER NAME = jg PLOT SCALE = 100.0000 1"=100' PLOT DATE = 5/31/2019	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE: 849 SECTION: 113RS-6 COUNTY: JEFFERSON TOTAL SHEETS: 11 SHEET NO.: 5 CONTRACT NO. 78741 ILLINOIS FED. AID PROJECT
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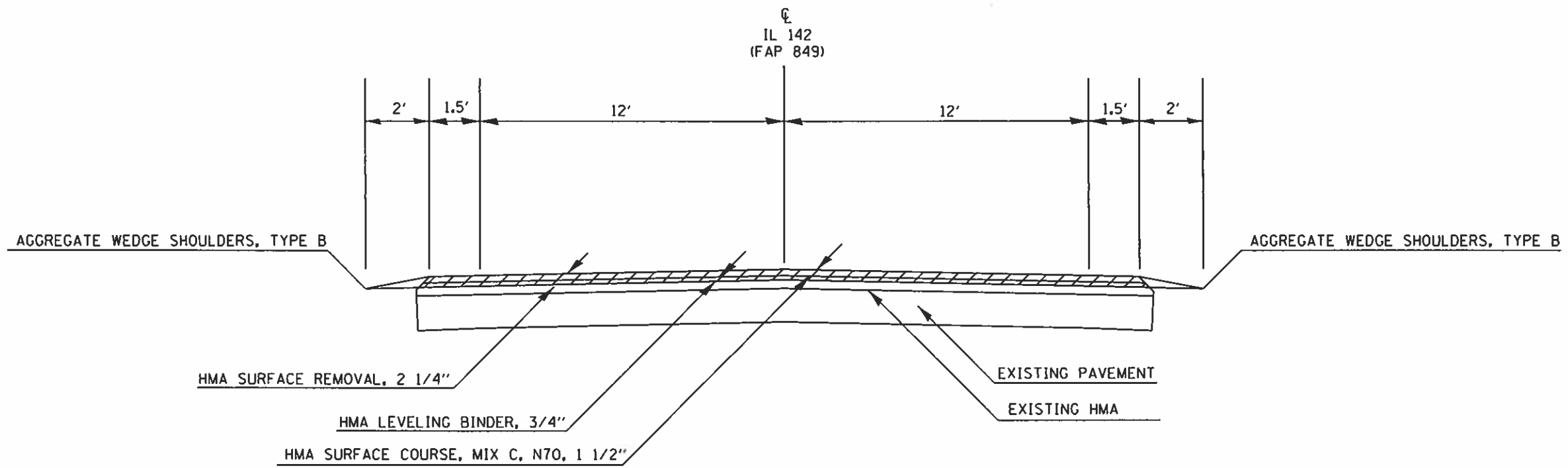
SUMMARY OF QUANTITIES - CONT

COUNTY:	JEFFERSON CO
ROUTE:	IL 142
FUNDING:	80% FED / 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13,863	13,863
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	4,621	4,621
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	128,542	128,542
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	128,542	128,542
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	636	636
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	636	636
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	42,847	42,847
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	48,850	48,850
Z0034105	MATERIAL TRANSFER DEVICE	TON	19,138	19,138

* SPECIALTY ITEM

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TO BE USED
STA 209+30 TO STA 708+08

LONGITUDINAL JOINT SEALANT (Z0033700) - SHALL BE APPLIED UNDER THE SURFACE COURSE ALONG THE CENTERLINE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE		SHEET OF SHEETS		STA TO STA	
		TYPICALS			

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113R5-6	JEFFERSON	11	7
				CONTRACT NO. 78741
ILLINOIS FED. AID PROJECT				

MAINLINE RESURFACING (1 OF 2)

LOCATION	PAVEMENT WIDTH	PAVEMENT LENGTH	HMA SURFACE REMOVAL, 2 1/4"	HMA SURFACE REMOVAL, 1 1/4"	HMA SURF. COURSE, MIX "C", N70	LEVELING BINDER (MACHINE METHOD), IL-9, N70	BITUMINOUS MATERIALS (TACK COAT)	AGGREGATE SHOULDERS, TYPE B	TEMPORARY RAMP	REMARKS
	FOR INFORMATIONAL PURPOSES ONLY		SO YD	SO YD	TON	TON	POUND	TON	SO YD	
	FOOT	FOOT								
IL 142 (FAP 849) JEFFERSON COUNTY										
210+77		7.5							22.5	
210+77	TO 257+12.38	4,635.4	13906.1		1173.5	590.8	9502.5	234.6		
STA 257+12.38BK = STA 259+52.70AH										
259+52.7	TO 314+18.45	5,465.8	16397.3		1383.7	696.7	11204.8	276.7		
STA 314+18.45BK = 314+70.50AH										
314+70.5	320+32	561.5	1684.5		142.2	71.6	1151.1	28.4		
320+32	320+62	30.0		90.0	7.6		61.5	1.5		
320+62	TO 344+25.05	2,363.1	7089.2		598.2	301.2	4844.3	119.6		
STA 344+25.05BK = STA 344+51.20AH										
344+51.2	TO 385+51.37	4,100.2	12300.5		1038.0	522.6	8405.3	207.5		
STA 385+51.37BK = STA 385+51.40AH										
385+51.4	TO 397+91.29	1,239.9	3719.7		313.9	158.0	2541.8	62.8		
STA 397+91.29BK = STA 398+09.20AH										
398+09.2	TO 423+74.7	2,565.5	7696.5		649.5	327.0	5259.3	129.9		
STA 423+74.70BK = STA 425+00AH										
425+00	TO 535+95	11,095.0	33285.0		2808.9	1414.2	22744.8	561.6		
SUB TOTALS			96,079	90	8,116	4,083	65,716	1,623	22.5	

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113RS-6	JEFFERSON	11	8
CONTRACT NO. 78741				
ILLINOIS FED. AID PROJECT				

MAINLINE RESURFACING (2 OF 2)

LOCATION	PAVEMENT WIDTH	PAVEMENT LENGTH	HMA SURFACE REMOVAL, 2 1/4"	HMA SURFACE REMOVAL, 1 1/4"	HMA SURF. COURSE, MIX "C", N70	LEVELING BINDER (MACHINE METHOD), IL-9, N70	BITUMINOUS MATERIALS (TACK COAT)	AGGREGATE SHOULDERS, TYPE B	TEMPORARY RAMP	REMARKS	
	FOR INFORMATIONAL PURPOSES ONLY										
	FOOT	FOOT	SO YD	SO YD	TON	TON	POUND	TON	SO YD		
IL 142 (FAP 849) JEFFERSON COUNTY											
535+95	27	7.5							22.5		
535+95		536+70		75.0						BRIDGE OMISSION	
536+70	27	7.5							22.5		
536+70		582+75	27	4,605.0	13815.0	1165.8	586.9	9440.3	233.1		
582+75	27	7.5							22.5		
582+75		584+58		183.0						BRIDGE OMISSION	
584+58	27	7.5							22.5		
584+58		678+89	27	9,431.0	28293.0	2387.6	1202.1	19333.6	477.4		
678+89	27	7.5							22.5		
678+89		679+80		91.0						BRIDGE OMISSION	
679+80	27	7.5							22.5		
679+80		682+85	27	305.0	915.0	77.2	38.9	625.3	15.4		
682+85	27	7.5							22.5		
682+85		683+45		60.0						BRIDGE OMISSION	
683+45	27	7.5							22.5		
683+45		695+57.19	27	1,212.2	3636.6	306.9	154.5	2485.0	61.4		
STA 695+57.19BK = STA 695+66.90AH											
695+66.9		708+08	27	1,241.1	3723.3	314.2	158.2	2544.3	62.8		
708+08			27	7.5					22.5		
SUB TOTALS					50,383	0	4,252	2,141	34,429	851	203
TOTAL SHEET 1 + SHEET 2					146,462	90	12,368	6,224	100,145	2,474	226

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PLOT DATE = 5/31/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113RS-6	JEFFERSON	11	9
CONTRACT NO. 78741				
ILLINOIS FED. AID PROJECT				

LONGITUDINAL JOINT SEALANT

LOCATION	LANE JOINT	LONGITUDINAL JOINT SEALANT	REMARKS
		FOOT	
IL 142 (FAP 849) JEFFERSON COUNTY			
210+77 TO 257+12.38	CL	4,635.4	
STA 257+12.38BK = STA 259+52.70AH			
259+52.7 TO 314+18.45	CL	5,465.8	
STA 314+18.45BK = STA 314+70.50AH			
314+71.5 TO 320+32	CL	560.5	
320+32 TO 320+62	CL	30.0	
320+62 TO 344+25.05	CL	2,363.1	
STA 344+25.05BK = STA 344+51.20AH			
344+51.2 TO 385+51.37	CL	4,100.2	
STA 385+51.37BK = STA 385+51.40AH			
385+51.4 TO 397+91.29	CL	1,239.9	
STA 397+91.29BK = STA 398+09.20AH			
398+09.2 TO 423+74.7	CL	2,565.5	
STA 423+74.70BK = STA 425+00AH			
425+00 TO 535+95	CL	11,095.0	
535+95 TO 536+70			BRIDGE OMISSION
536+70 TO 582+75	CL	4,605.0	
582+75 TO 584+58			BRIDGE OMISSION
584+58 TO 678+89	CL	9,431.0	
678+89 TO 679+80			BRIDGE OMISSION
679+80 TO 682+85	CL	305.0	
682+85 TO 683+45			BRIDGE OMISSION
683+45 TO 695+57.19	CL	1,212.2	
STA 695+57.19BK = STA 695+66.90AH			
695+66.9 TO 708+08	CL	1,241.1	
TOTALS		48,850	

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	DATE -	REVISED -

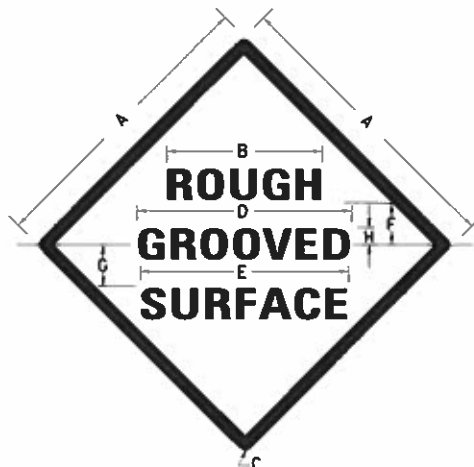
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113RS-6	JEFFERSON	11	10
				CONTRACT NO. 78741
ILLINOIS FED. AID PROJECT				

ILLINOIS STANDARD

W8-1106



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.

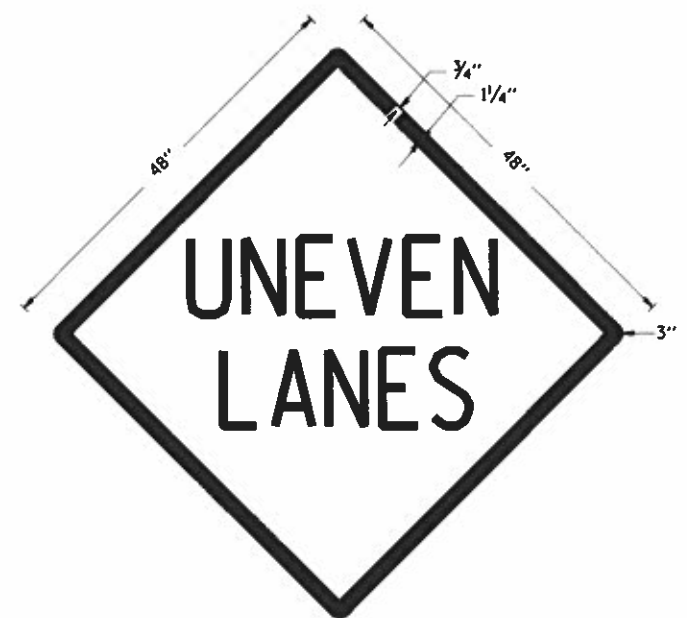
REVISIONS

REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVISED	

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.

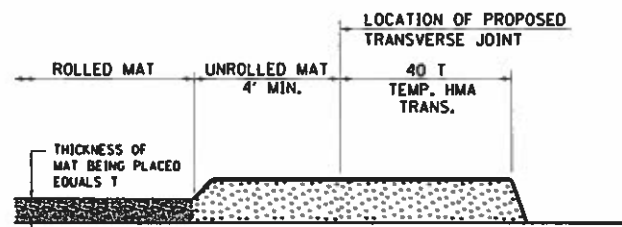
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

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

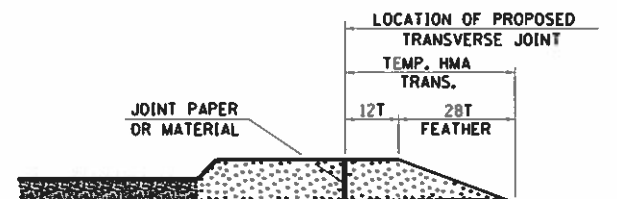
STD. 9-41

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



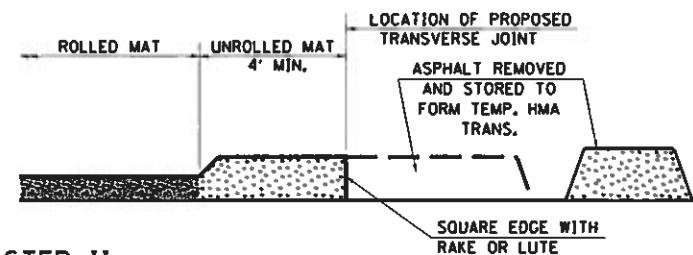
STEP I

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.



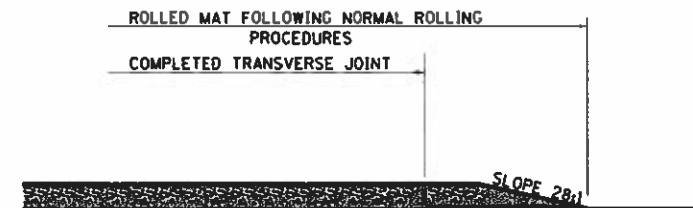
STEP III

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
REVISED	05-8-08
REVISED	105-16-13

STD. 9-26

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS: ROUGH GROOVED SURFACE, UNEVEN LANES,
TEMPORARY HOT-MIX ASPHALT TRANSITIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
849	113R5-6	JEFFERSON	11	11
				CONTRACT NO. 78741
ILLINOIS FED. AID PROJECT				