

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13,13Z)RS-5	JEFFERSON	15	1
		ILLINOIS	CONTRACT NO. 78B11	

FOR INDEX OF SHEETS, SEE SHEET NO. 3  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-6

**TRAFFIC DATA**

ADT 14,700 WITH 4.5% TRUCKS(23)

**TOWNSHIP**

Mt. VERNON

**EQUATION STATIONS:**

ON BROADWAY -

EQ. STA. 651+32.46 (BK.) =

STA. 29+56.55 (AH). MAIN ST.

ON MAIN ST. -

EQ. STA. 31+55.72 (BK.) =

STA. 31+56.77 (AH)

**RAILROAD OMISSION:**

ON BROADWAY -

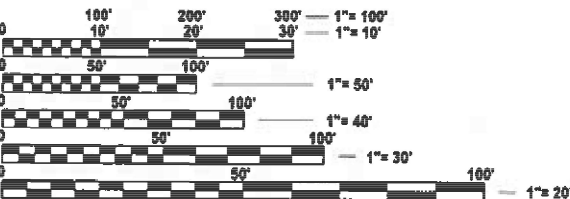
STA 654+24 TO STA 654+39

ON MAIN ST. -

STA 31+58 TO STA 31+80

COORDINATE SYSTEM : NADA 1983, STATE PLANE  
IL EAST FIPS 1201

POSTED SPEED : 35 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 SEAN GREENLEE  
PROJECT MANAGER CHRIS RUSSELL

CONTRACT NO. 78B11

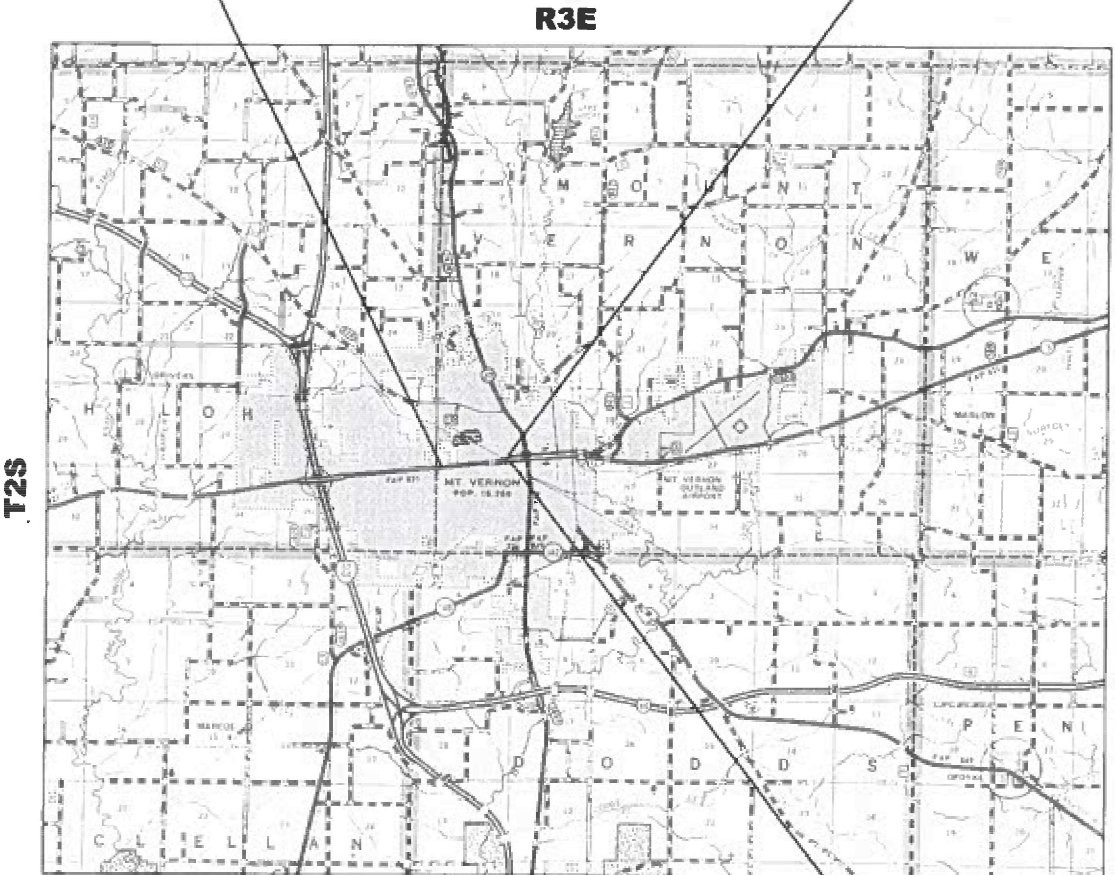
**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 821 (IL 15)  
SECTION (13,13Z)RS-5  
PROJECT NHPP-CXSK(961)  
RESURFACING  
JEFFERSON COUNTY

PROJECT BEGINS  
STA 612+60(BROADWAY)

C-99-045-25

PROJECT ENDS  
STA 32+60(MAIN)



GROSS LENGTH = 4,240 FT. = 0.803 MILE  
NET LENGTH = 4,225 FT. = 0.800 MILE

PROJECT ENDS  
STA 655+00(BROADWAY)



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 16 20 25  
Lora S. Renney REGIONAL ENGINEER

March 21 20 25  
SEAN GREENLEE ENGINEER OF DESIGN AND ENVIRONMENT

March 21 20 25  
J. Russell DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS



INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, MIX DESIGN
4-6	SUMMARY OF QUANTITIES
7-8	TYPICAL SECTIONS: IL 15
9-11	SCHEDULES
12-14	PLAN SHEETS - IL 15/BROADWAY
15	DETAILS:  TEMP RAMP,TEMP HMA TRANSITIONS ROUGH GROOVED SURFACE, UNEVEN LANES

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006-	DECIMAL OF AN INCH AND A FOOT
420001-10	PAVEMENT JOINTS
442201-03	CLASS C & D PATCHES
701101-05	OFF-RD OPERATIONS, MULTILANE, 15 TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEED < 40 MPH
701601 09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE , MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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 Gyratation Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	Mix D
Mixture Weight:	112 lbs/sq yd/in
Quality Management Program:	QCP
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 Gyratation 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:	1,000 tons
Material Transfer Device	Yes

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.

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 WITHIIN THE CORPORATE LIMITS OF Mt VERNON

COMMITMENTS:  NONE

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	USER NAME = christopher.russell	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX, GENERAL NOTES, MIX DESIGNS, AND HIGHWAY STANDARDS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					821	(13,13Z)RS-5	JEFFERSON	15	3
		CHECKED -	REVISED -					CONTRACT NO. 78B11				
	PLOT DATE = 1/14/2025	DATE -	REVISED -					ILLINOIS FED.AID PROJECT				
				SCALE:		SHEET	OF	SHEETS	STA.	TO STA.		

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			COUNTY:	JEFFERSON CO
			ROUTE:	FAP 821
			FUNDING:	80% FEDERAL 20% STATE
			LOCATION:	URBAN
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
				0005
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,616	4,616
40600370	LONGITUDINAL JOINT SEALANT	FOOT	17,042	17,042
40600990	TEMPORARY RAMP	SQ YD	312	312
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	1,919	1,919
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	2,302	2,302
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	26,714	26,714
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SQ YD	16	16
44201394	CLASS C PATCHES, TYPE III, 13 INCH	SQ YD	16	16
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SQ YD	146.7	146.7
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2
67100100	MOBILIZATION	L SUM	1.0	1.0
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1.0	1.0
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1.0	1.0

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COUNTY:	JEFFERSON CO
ROUTE:	FAP 821
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	URBAN
TOTAL QUANTITY	ROADWAY 0005

\* SPECIALTY ITEM

	USER NAME = christopher.russell	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						821	(13,13Z)RS-5	JEFFERSON	15	5
		CHECKED -	REVISED -				CONTRACT NO. 78B11						
	PLOT DATE = 1/30/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			

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SUMMARY OF QUANTITIES - CONT

SUMMARY OF QUANTITIES - CONT

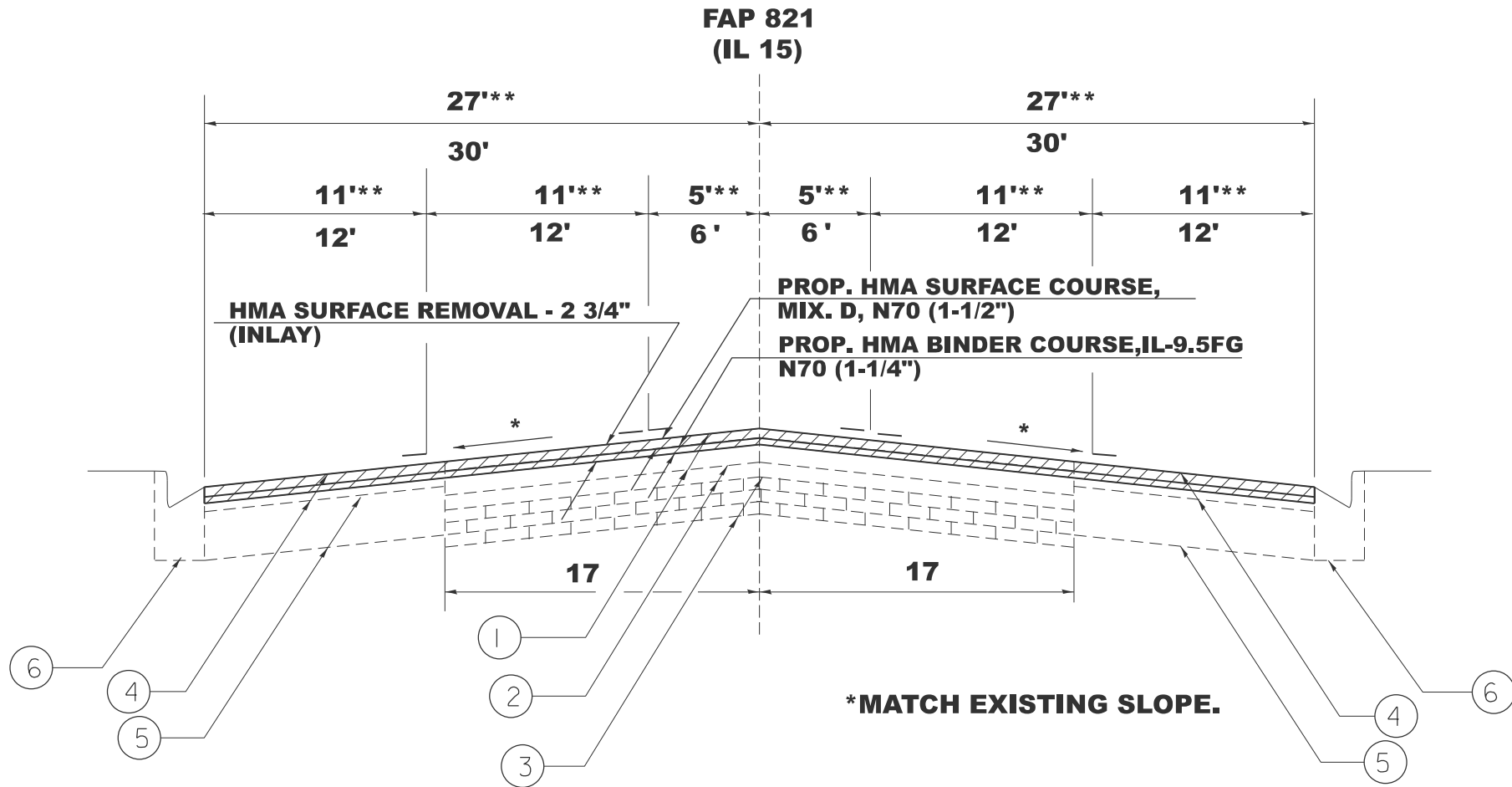
			COUNTY:	JEFFERSON CO	
			ROUTE:	FAP 821	
			FUNDING:	80% FEDERAL 20% STATE	
			LOCATION:	URBAN	
	CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
					0005
*					
	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	309	309
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	309	309
	78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	4,914	4,914
	40600405	MATERIAL TRANSFER DEVICE	TON	4,221	4,221
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	1.0

\* SPECIALTY ITEM

REV - MS

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**TYPICAL SECTION #1  
FAP 821/IL 15/BROADWAY AVE.**



**EQUATION STATIONS:  
ON BROADWAY -  
EQ. STA. 651+32.46 (BK.) =  
STA. 29+56.55 (AH). MAIN ST.  
ON MAIN ST. -  
EQ. STA. 31+55.72 (BK.) =  
STA. 31+56.77 (AH)**

**\*\* EDGE OF PAVEMENT WIDTH TRANSITIONS  
FROM 54' TO 60' BETWEEN STA. 623+90 TO  
STA. 626+00.**

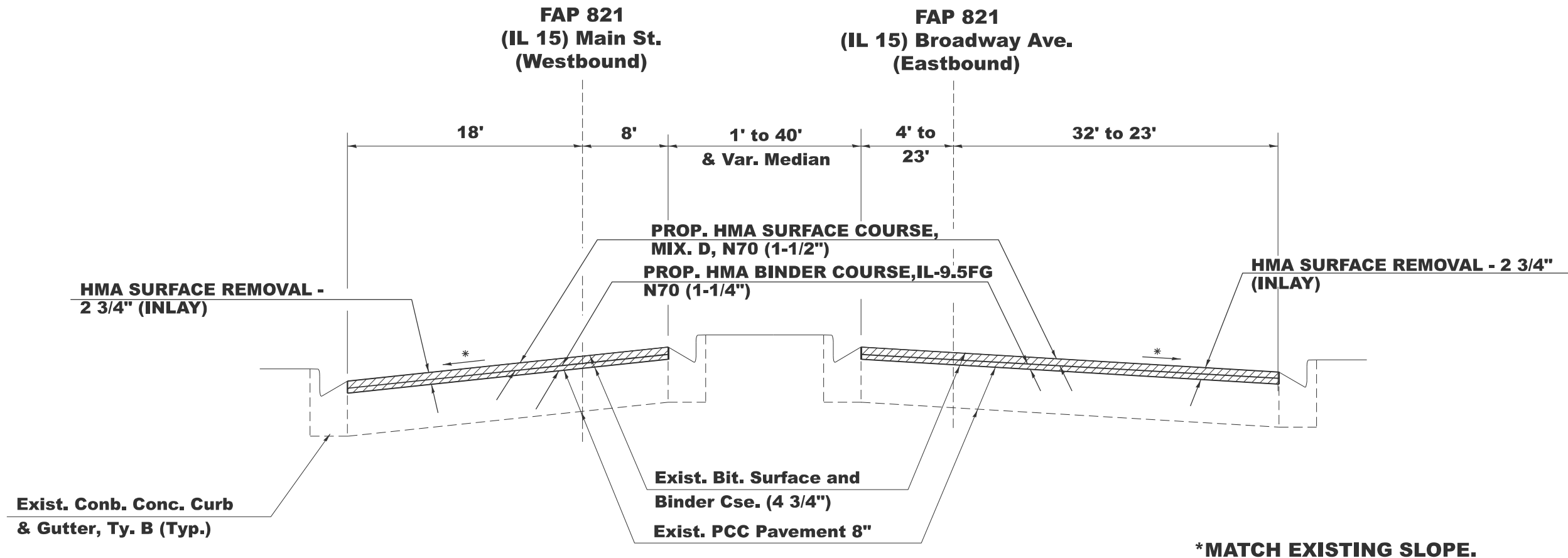
- 1** Exist. Bituminous Surface Cse.  
and Bituminous Binder Cse. (6'')
- 2** Exist. Leveling Binder
- 3** Exist. Brick Pavment on  
PCC Base

- 4** Exist. Bituminous Surface and  
Binder Cse. (4 1/2'')
- 5** Exist. PCC Base Cse. 8''
- 6** Exist. Comb. Conc. Curb  
& Gutter, Ty. B

**TO BE USED:  
BROADWAY AVE.  
STA. 612+60 TO STA. 623+90\*\*  
STA. 623+90 TO STA. 651+32.46**

FILE NAME :  p:\1\dot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 9\ORD Projects\78BII\DRAWN\CADsheets\0978BII-ShtD-Typicals.dgn	USER NAME = christopher.russell	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -						821	(13,132)RS-5	JEFFERSON	15	7
	PLOT DATE = 1/30/2025	DATE -	REVISED -		CONTRACT NO. 78BII								
	SCALE:				SHEET NO. OF	SHEETS	STA.	TO STA.					
					ILLINOIS   FED. AID PROJECT								

**TYPICAL SECTION #2**  
**FAP 821/IL 15/BROADWAY AVE. & MAIN ST.**



**\*MATCH EXISTING SLOPE.**

**EQUATION STATIONS:**  
**ON BROADWAY -**  
**EQ. STA. 651+32.46 (BK.) =**  
**STA. 29+56.55 (AH). MAIN ST.**  
**ON MAIN ST. -**  
**EQ. STA. 31+55.72 (BK.) =**  
**STA. 31+56.77 (AH)**

**TO BE USED:**  
**STA. 651+32.46 TO STA. 654+21 (BROADWAY AVE.)**  
**STA. 654+24 TO STA. 654+39 (RAILROAD CROSSING - OMIT)**  
**STA. 654+39 TO STA. 655+00 (BROADWAY AVE. - END OF PROJECT)**  
**STA. 29+56.55 TO STA. 31+61 (MAIN ST.)**  
**STA. 31+58 TO STA. 31+80 (RAILROAD CROSSING - OMIT)**  
**STA. 31+80 TO STA. 32+60 (MAIN ST.- END OF PROJECT)**

FILE NAME = p:\1\dot-pw\entley.com\PW\DOT\Documents\1\DOT Offices\District 9\ORD Projects\78BII\ORD\DRAWN\CAD\Sheets\0978BII-ShtD-Typicals.dwg	USER NAME = christopher.russell	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -					821	(13,132)RS-5	JEFFERSON	15	8
	PLOT DATE = 1/30/2025	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78BII				
								ILLINOIS FED. AID PROJECT				



HMA PAVEMENT SCHEDULE

LOCATION STATION TO STATION	EXIST. PAVEMENT LENGTH	EXIST. PAVEMENT WIDTH	EXIST. PAVEMENT AREA	TEMPORARY RAMPS	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70	HOT-MIX ASPHALT BINDER COURSE, IL-9,5FG,N70	HMA SURFACE REMOVAL , ( 2 3/4" )	LONGITUDINAL JOINT SEALANT	BITUMINOUS MATERIALS (TACK COAT)	COMMENTS
	( INFO ONLY )									
	FOOT	FOOT	SQ YD							
IL 15										
STA 612+60 TO STA 623+90	1130	54	6780	55	570	475	6780	4520	3051	
STA 623+90.00 STA 626+00	210	VARIES	1330		112	94	700	840	599	
STA 626+00 TO STA 651+32.46	2532.46	60	16883		1419	1182	16883	10130	845	
EASTBOUND/WESTBOUND LANE SPLIT										
STA 651+32.5(EAST)=STA 29+56.55(WEST)										
EASTBOUND LANES										
STA 651+32.46 TO STA 654+24	291.54	36	1166	37	98	82	1166	583	59	EASTBOUND IL 15 (BROADWAY)
RAILROAD OMMISION STA 654+24 TO STA 654+39										
STA 654+39 TO STA 655+00	61	46	312	47	27	22	312	183	16	EASTBOUND IL 15 (BROADWAY)
WESTBOUND LANES										
STA 29+56.55 TO STA 31+55.72 BK	199.17	26	575	26	49	41	575	398	29	WESTBOUND IL 15 (MAIN ST)
STA 31+56.77 AH TO STA 31+58	1.23	26	4	26	1	1	4	2	1	WESTBOUND IL 15 (MAIN ST)
RAILROAD OMMISION STA 31+58 TO STA 31+80										
STA 31+80 TO STA 32+60	80	26	231	26	20	17	231	160	12	WESTBOUND IL 15 (MAIN ST)
STA 651+32.46 TO STA 652+45	112.54	VARIES	63		6	5	63	225	4	PAINTED MEDIAN
TOTALS				218	2,302	1,919	26,714	17,042	4,616	

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		DRAWN -	REVISED -					821	(13,13Z)RS-5	JEFFERSON	15	9
		CHECKED -	REVISED -					CONTRACT NO. 78B11				
	PLOT DATE = 1/30/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED.AID PROJECT

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PAVEMENT MARKING SCHEDULE												
LOCATION STATION TO STATION	THERMOPLASTIC								RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	COMMENTS	
	ROADWAY LENGTH	LINE - 4" - WHITE		LINE - 4" - YELLOW		LINE - 12" YELLOW	LINE - 24" WHITE	LETTERS AND SYMBOLS				
		SOLID	SKIP - DASH	SOLID	SKIP - DASH	SOLID	SOLID					
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT					SQ FOOT
STA 612+60 TO STA 651+32.50	3872.5		1936						97	97	THRU LANES	
STA 612+60 TO STA 651+32.50	3872.5			7745	1936				194	194	TWO-WAY LEFT TURN LANE	
STA 614+00								31.2			DUAL LEFT ARROWS	
STA 618+00								31.2			DUAL LEFT ARROWS	
STA 622+00								31.2			DUAL LEFT ARROWS	
STA 626+00								31.2			DUAL LEFT ARROWS	
STA 630+00								31.2			DUAL LEFT ARROWS	
STA 634+00								31.2			DUAL LEFT ARROWS	
STA 638+00								31.2			DUAL LEFT ARROWS	
STA 642+00								31.2			DUAL LEFT ARROWS	
STA 646+00								31.2			DUAL LEFT ARROWS	
STA 650+00								31.2			DUAL LEFT ARROWS	
EASTBOUND/WESTBOUND LANE SPLIT												
STA 651+32.5(EAST)=STA 29+56.55(WEST)												
EASTBOUND LANES												
STA 651+32.50 TO STA 652+45	112.5			225	56				6	6	TWO-WAY LEFT TURN LANE	
STA 651+32.50 TO STA 652+45	112.5		28						1	1	EASTBOUND LANES	
STA 691+95							36				STOPBAR	
STA 652+20								122.4			RAILROAD 4x"R" 2x"X"	
STA 652+45							36				STOPBAR	
STA 652+45 TO STA 654+24	179		90						4	4	EASTBOUND LANES	
STA 653+80							36				STOPBAR	
RAILROAD OMMISION STA 654+24 TO STA 654+39												
STA 654+39 TO STA 655+00	61	122										
WESTBOUND LANES												
STA 29+56.55 TO STA 30+69	112.5			112		75					PAINTED ISLAND	
STA 29+56.55 TO STA 31+55.72 BK	199.2		100						5	5	WESTBOUND LANES	
STA 31+56.77 AH TO STA 31+58	1.2		1								WESTBOUND LANES	
RAILROAD OMMISION STA 31+58 TO STA 31+80												
STA 31+80 TO STA 32+60	80		40						2	2	WESTBOUND LANES	
STA 32+23							26				STOPBAR	
SUB - TOTALS		122	2,194	8,082	1,993	75	134	434.4	309	309		
SHEET TOTAL		12,391				75	134	434.4	309	309		

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		DRAWN -	REVISED -						821	(13,13Z)RS-5	JEFFERSON	15	10
		CHECKED -	REVISED -						CONTRACT NO. 78B11				
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CLASS C PATCHING										
Patch No.	PL	DL	Width (ft)	Length (ft)	Area (yd <sup>2</sup> )	Total Area (yd <sup>2</sup> )	Type I 13 inches (yd <sup>2</sup> )	Type II 13 inches (yd <sup>2</sup> )	Type III 13 inches (yd <sup>2</sup> )	Type IV 13 inches (yd <sup>2</sup> )
14th st		X	12	110	146.67	146.67		.	.	146.67
		X	12	6	8.00	8.00		8.	.	.
		X	12	6	8.00	8.00		8.	.	.
		X	12	12	16.00	16.00		.	16.	.
					0.00	0.00		.	.	.
							.	16.	16.	146.67

SIDEROAD SCHEDULE			
LOCATION		EOP WIDTH	TEMPORARY RAMPS
IL 15			
SIDEROAD	STATION	FOOT	SQ YD
NORTH CHURCH	614+53 LT	24	6
SOUTH 25TH	615+40 RT	24	6
SOUTH 24TH	621+96 RT	24	6
SOUTH 22ND	629+95 RT	30	7
NORTH 20TH	635+25 LT	30	7
SOUTH 20TH	635+36 RT	24	6
SOUTH 19TH	640+60 RT	30	7
NORTH 18TH	643+25 LT	30	7
SOUTH 18TH	644+83 RT	30	7
NORTH 17TH	648+39 LT	30	7
SOUTH 17TH	649+07 RT	30	7
SOUTH 16TH	650+89 RT	30	7
SOUTH 15TH	653+66 RT	30	7
NORTH 15TH	32+50 LT(MAIN)	30	7
PROJECT TOTALS			94

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		DRAWN -	REVISED -					821	(13,13Z)RS-5	JEFFERSON	15	11
		CHECKED -	REVISED -					CONTRACT NO. 78B11				
	PLOT DATE = 1/30/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



**PROP. IMPROVEMENT BEGINS  
FAP 821/IL 15/BROADWAY AVE.  
STA. 612+60**

**EXISTING EDGE OF PAVEMENT TRANSITIONS  
FROM 54' TO 60' BETWEEN STATION 623+90  
TO STA. 626+00.**

**FAP 821/IL 15/BROADWAY AVE.**

**Sta. 623+90**

**Church St.**  
**+53**

25th St.  
+4024th St.  
+96

**FAP 821/IL 15/BROADWAY AVE.**

USER NAME = christopher.russell	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/29/2025	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

## IL 15 PLAN SHEET

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13,13Z)RS-5	JEFFERSON	15	12
CONTRACT NO. 78B11				
ILLINOIS		FED. AID PROJECT		

MODEL: Default  
FILE NAME: c:\pw\_ work\pwidot\russellcf\1043424\ID978B11-ShtF-Plans Sheets.dgn





EXISTING EDGE OF PAVEMENT TRANSITIONS  
FROM 54' TO 60' BETWEEN STATION 623+90  
TO STA. 626+00.

FAP 821/IL 15/BROADWAY AVE.

Sta. 626+00

60' E-E

24' 12" 24'

630+00

635+00

640+00

22nd St.  
+95

20th St.  
+25

20th St.  
+36

19th St.  
+60

FAP 821/IL 15/BROADWAY AVE.

MODEL: Default  
FILE NAME: c:\p\work\p\wkdott\ russell\d104342\ D078B11-Shift-Plans Streets.dgn

USER NAME = christopher.russell	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/29/2025	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 15 PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13,13Z)RS-5	JEFFERSON	15	13
CONTRACT NO. 78B11				
ILLINOIS FED. AID PROJECT				



Ex. Pedestrian Overpass  
Sta. 642+76

FAP 821/IL 15/BROADWAY AVE.

IL 15/MAIN ST.

EQ. STA. 651+32.46 (Broadway Ave.) =  
STA. 29+56.55 (Main St.)

Sta. 31+58

Sta. 31+69.09

Sta. 31+80

END OF PROJECT ON  
IL. 15/MAIN ST.  
STA. 32+60

Sta. 654+24

Sta. 654+31.56

Sta. 654+39

PROP. IMPROVEMENT ENDS  
FAP 821/IL 15/BROADWAY AVE.  
STA. 655+00

FAP 821/IL 15/BROADWAY AVE.

MODEL: Default  
FILE NAME: c:\p\work\pwr\drussell\rd10\342\ID07\BB11-Shif-Plans Streets.dgn

USER NAME	= christopher.russell	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 1/29/2025	DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 15 PLAN SHEETS

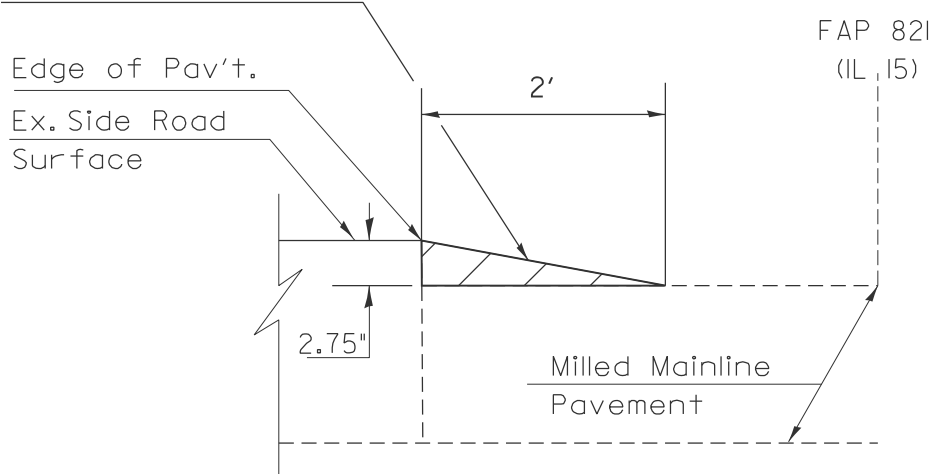
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13,13Z)RS-5	JEFFERSON	15	14
CONTRACT NO. 78B11				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: c:\pwworking\dwg\illinois\std\1043424\0778B11-SHS-Distric1Std.dgn

PROP. TEMPORARY RAMPS  
AT SIDE STREETS

PROP. TEMP. RAMP



ILLINOIS STANDARD

W8-II06

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			MARGIN	BORDER	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.

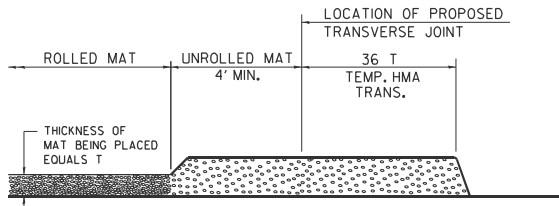
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

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

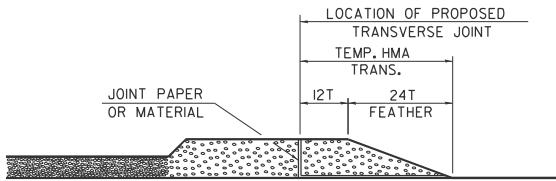
STD. 9-39

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



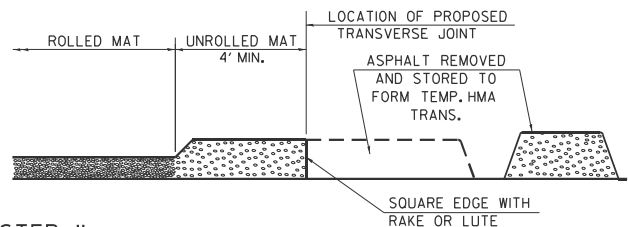
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 36 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
2. MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



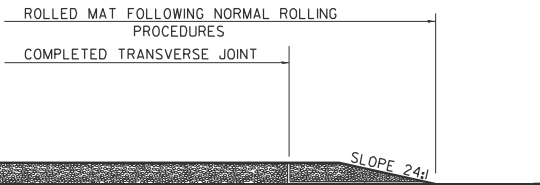
STEP III

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.

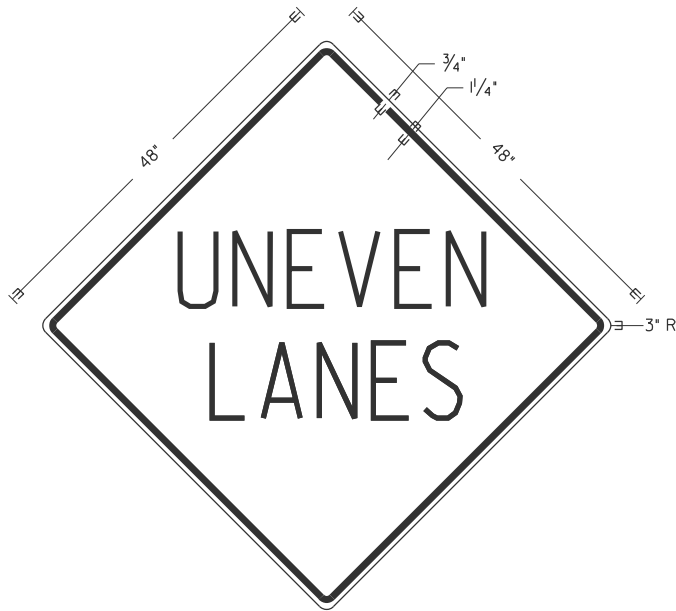
REVISIONS

REDRAWN	2-15-89
REVISED	8-16-94
REVISED	10-09-07
RESIZED	05-8-08

STD. 9-26

UNEVEN LANES SIGN

W8-II (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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMP RAMP, ROUGH GROOVED SURFACE  
HMA ASPHALT TRANSITIONS, UNEVEN LANES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	(13,13Z)RS-5	JEFFERSON	15	15
CONTRACT NO. 78B11				
ILLINOIS FED. AID PROJECT				