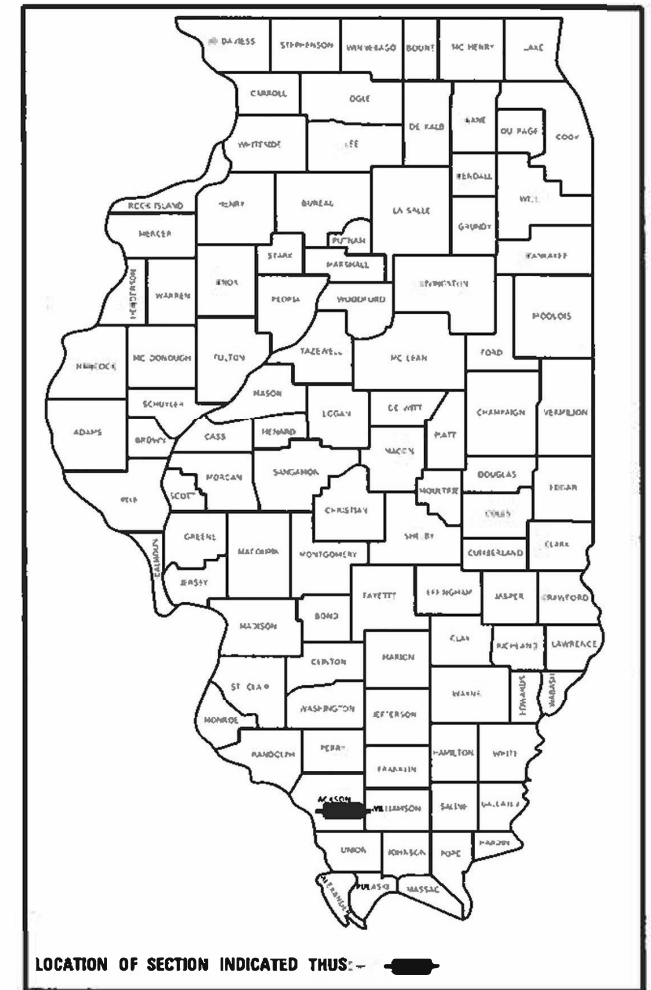


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	15-4,5-3)RS-7	JACKSON	21	1
		ILLINOIS	CONTRACT NO. 78925	

D-99-019-22



LOCATION OF SECTION INDICATED THUS: -

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-6

PROPOSED HIGHWAY PLANS

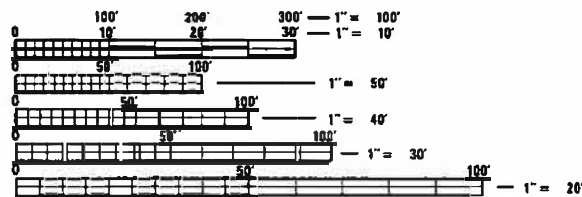
FAP 331 (IL ROUTE 13)
SECTION (5-4,5-3)RS-7
RESURFACING
NHPP-YRIQ(430)
JACKSON COUNTY
C-99-031-22

TRAFFIC DATA
22,800(2021) WITH 5% TRUCKS

TOWNSHIP
CARBONDALE

STATION EQUATIONS:
198 + 50.10BK = 110 + 04.71AH (IL13 EB)
126 + 00BK = 10 + 00AH (IL13 WB)
17 + 96.44BK = 134 + 00AH (IL13 WB)

POSTED SPEED: 45,40 MPH

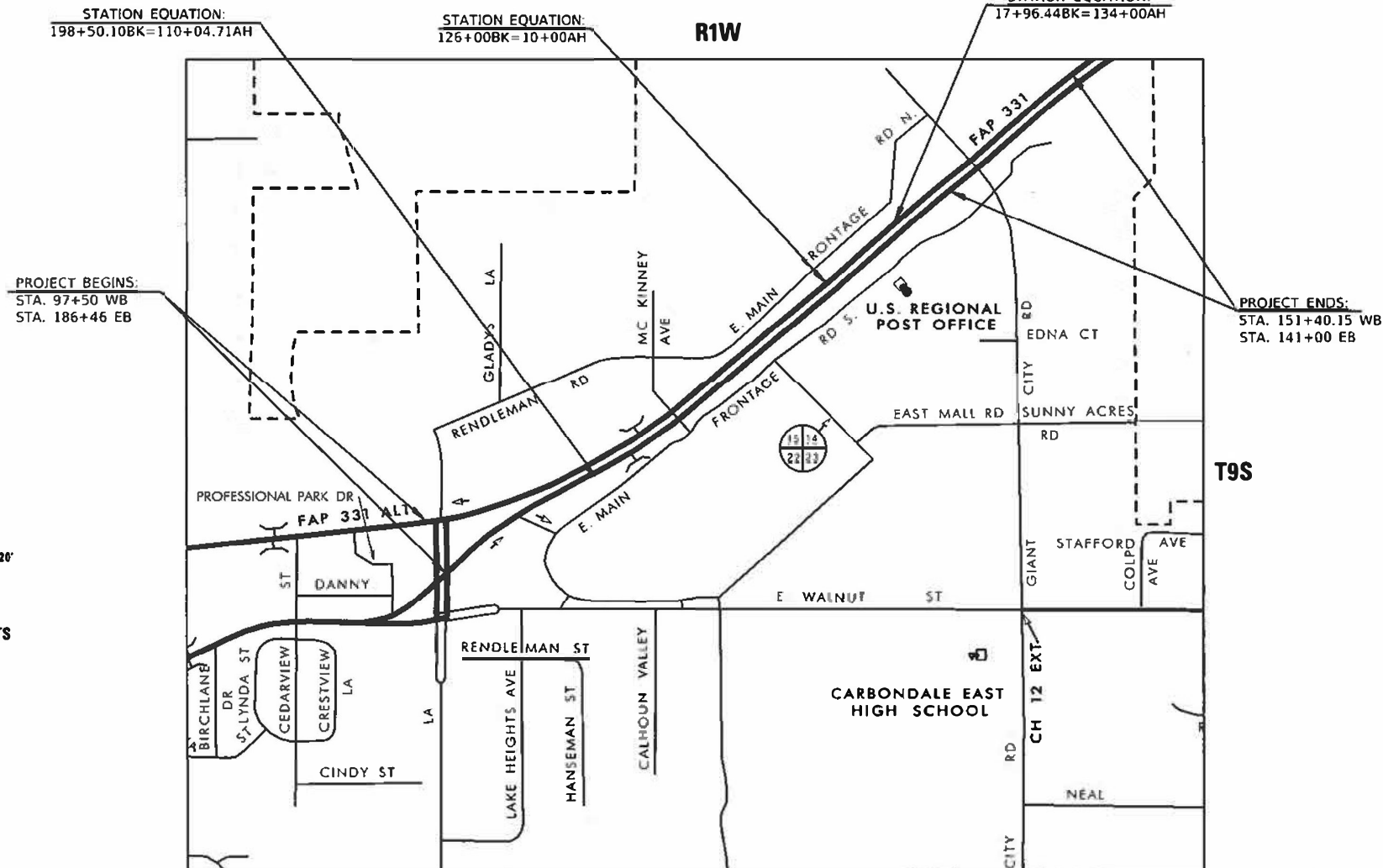


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT DESIGNER: JAKE WARREN
PROJECT MANAGER: SUSAN POE

CONTRACT NO. 78925



GROSS LENGTH = 5387 FT. = 1.02 MILE (IL 13 WB)
NET LENGTH = 5387 FT. = 1.02 MILE (IL 13 WB)

GROSS LENGTH = 4299 FT. = 0.814 MILE (IL 13 EB)
NET LENGTH = 4299 FT. = 0.814 MILE (IL 13 EB)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Feb 2 20 22
Stephen M. Iwan
REGIONAL ENGINEER

March 25 20 22
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 2 20 22
Stephen M. Iwan
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

Prepared By: Charles Steen
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Lee
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Connie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: R. C. Co
DISTRICT OPERATIONS ENGINEER

Examined By: Dwight J. McLeod
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Dwight J. McLeod
DISTRICT CONSTRUCTION ENGINEER

Examined By: R. C. Co
DISTRICT MATERIALS ENGINEER

MODIFY: MODIFIED NAMES
FILE NAME: S11E15

USER NAME = SUSER1	DESIGNED - _____	REVISED - _____
DRAWN - _____	CHECKED - _____	REVISED - _____
PLOT SCALE = SCALES	DATE - _____	REVISED - _____
PLOT DATE = SDATES		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

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

F.A.P. R.I.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-4.5-3)RS-7	JACKSON	21	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78925	

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS
4	MIX DESIGN
5-7	SUMMARY OF QUANTITIES
8-12	TYPICAL SECTIONS: IL 146
13-18	SCHEDULES
19	DETAIL: BIKE LANE TAPER WITH LANE SHIFT
20	DETAILS: BIKE LANE, UNEVEN LANE, ROUGH GROOVED
21	DETAILS: DETECTOR LOOP, TEMP HMA TRANSITION

MTD CROSSING RESTRICTIONS TABLE

ROUTE (FAP 331) SN & CENTERLINE STATION		EXISTING FILL HEIGHT OVER BOX CULVERT FOOT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT FOOT	MTD CROSSING RESTRICTIONS
SN 039-2020	STA 113+00	2.3	13	Emptied (\leq 32 Tons)

HIGHWAY STANDARDS

- 000001-08_STANDARDSYMBOLSABBREVIATIONS-PATTERNS-001
- 001006_DECIMALOFINCH-FOOT
- 442101-09_CLASSBPATCHES
- 442201-03_CLASSCDPATCHES
- 701101-05_OFFRDOP-MULTILN-LESSTHAN15FTTOEOP
- 701426-09_LNCLOSUREMULTILN-INTERMITTANTORMOVINGOP45MPHORMORE
- 701427-05_LNCLOSUREMULTILN-INTERMITTANTORMOVINGOPLTOREQ40MPH
- 701601-09_URBANLNCLOSUREMULTILN1W2WWITHNONTRVSABLEMED
- 701701-10_URBANLNCLOSUREMULTILNINTERSECTION
- 701901-08_TRAFCNTRLDEVICES
- 780001-05_TYPICALPVMTRKINGS
- 781001-04_TYPICALAPPRAISEDREFLCPVMTMRKRS
- 886001-01_DETECTORLOOPINSTALLATIONS
- 886006-01_TYPICALLAYOUTSFORDETECTIONLOOPS
- 420001-10_PAVEMENT JOINTS
- 420701-03_PAVEMENT WELDED WIRE MESH

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 ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 8%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

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

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON THE INSIDE EDGE OF THE OUTSIDE SHOULDER 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.

THE FURNISHING AND INSTALLATION OF THE 1 1/4 IN. CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT SHALL BE INCLUDED IN THE LOOP INSTALLATION UNLESS SHOWN OTHERWISE ON THE PLANS.

ALL DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 2 IN. MINIMUM DIAMETER EXCEPT THOSE PLACED UNDER RESURFACING. THE DETECTOR LOOP CORNERS PLACED UNDER RESURFACING SHALL BE DIAGONALLY SAWCUT.

ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

COMMITMENTS: NONE

REV. - MS

MODEL NUMBER: MAMES
FILE NAME: 811215

USER NAME = SUSERS	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS, MTD USAGE, GENERAL NOTES	F.A.P. RTE. 331	SECTION (5-4.5-3)RS-7	COUNTY JACKSON	TOTAL SHEETS 21	SHEET NO. 3		
PLOT SCALE = SCALES	CHECKED - _____	REVISED - _____			SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____	TO STA. _____	CONTRACT NO. 78925		
PLOT DATE = SDATES	DATE - _____	REVISED - _____			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):	Polymerized Stone Matrix Asphalt, Surface, Mix E, N80
PG:	SBS PG76-22
Design Air Voids:	4.0 %, 80 Gyration Design
Mixture Composition: (Mixture Gradation)	IL-9,5mm SMA
Friction Aggregate:	SMA Mix E
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	TBD
Material Transfer Device (Required?)	Yes

Location(s):	Hot-Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Mixture Gradation)	IL-9,5mm
Friction Aggregate:	C Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA
Material Transfer Device (Required?)	Yes

MODEL NUMBER: MAMES
FILE NAME: 811215

USER NAME = SUSERS	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 5SCALES	CHECKED - _____	REVISED - _____
PLOT DATE = SDATES	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MIXTURES REQUIREMENTS

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-4,5-3)RS-7	JACKSON	21	4
CONTRACT NO. 78925				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

COUNTY:	JACKSON CO
ROUTE:	FAP 331
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	URBAN
TOTAL QUANTITY:	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	22,124	22,124
40600990	TEMPORARY RAMP	SQ YD	522	522
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	973	973
40605024	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "E", N80	TON	3,157	3,157
42000060	WELDED WIRE REINFORCEMENT	SQ YD	131	131
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	49,166	49,166
44200990	CLASS B PATCHES, TYPE I, 12 INCH	SQ YD	5	5
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	230	230
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	51	51
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	80	80
44201299	DOWEL BARS 1 1/2"	EACH	734	734
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SQ YD	276	276
44201381	CLASS C PATCHES, TYPE III, 12 INCH	SQ YD	313	313
44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	540	540
44213200	SAW CUTS	FOOT	1,879	1,879
44213204	TIE BARS, 3/4"	EACH	92	92
67100100	MOBILIZATION	L SUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1

REV. - MS

MODEL NUMBER: MAMES
FILE NAME: 811EUS

USER NAME = SUSERS	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 5SCALES	CHECKED - _____	REVISED - _____			331	(5-4,5-3)RS-7	JACKSON	21	5	
PLOT DATE = SDATES	DATE - _____	REVISED - _____			SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 78925			
							ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON CO
ROUTE:	FAP 331
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	URBAN
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,370	2,370
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	791	791
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	168	168
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	21,801	21,801
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	407	407
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	302	302
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	140	140
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	168	168
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21,801	21,801
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	407	407
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	302	302
	78008230 POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	178	178
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	140	140
	78008250 POLYUREA PAVEMENT MARKING - LINE 12"	FOOT	132	132
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	168	168
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	21,801	21,801
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	407	407

* SPECIALTY ITEM

REV. - MS

MODEL NUMBER: MAM1ES
FILE NAME: 811EUS

	USER NAME = SUSERS	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - _____	REVISED - _____		SCALE: _____	SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____	JACKSON	21	6
	PLOT SCALE = 5SCALES	CHECKED - _____	REVISED - _____								CONTRACT NO. 78925		
	PLOT DATE = SDATES	DATE - _____	REVISED - _____								ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON CO
ROUTE:	FAP 331
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	URBAN
	ROADWAY
	0005

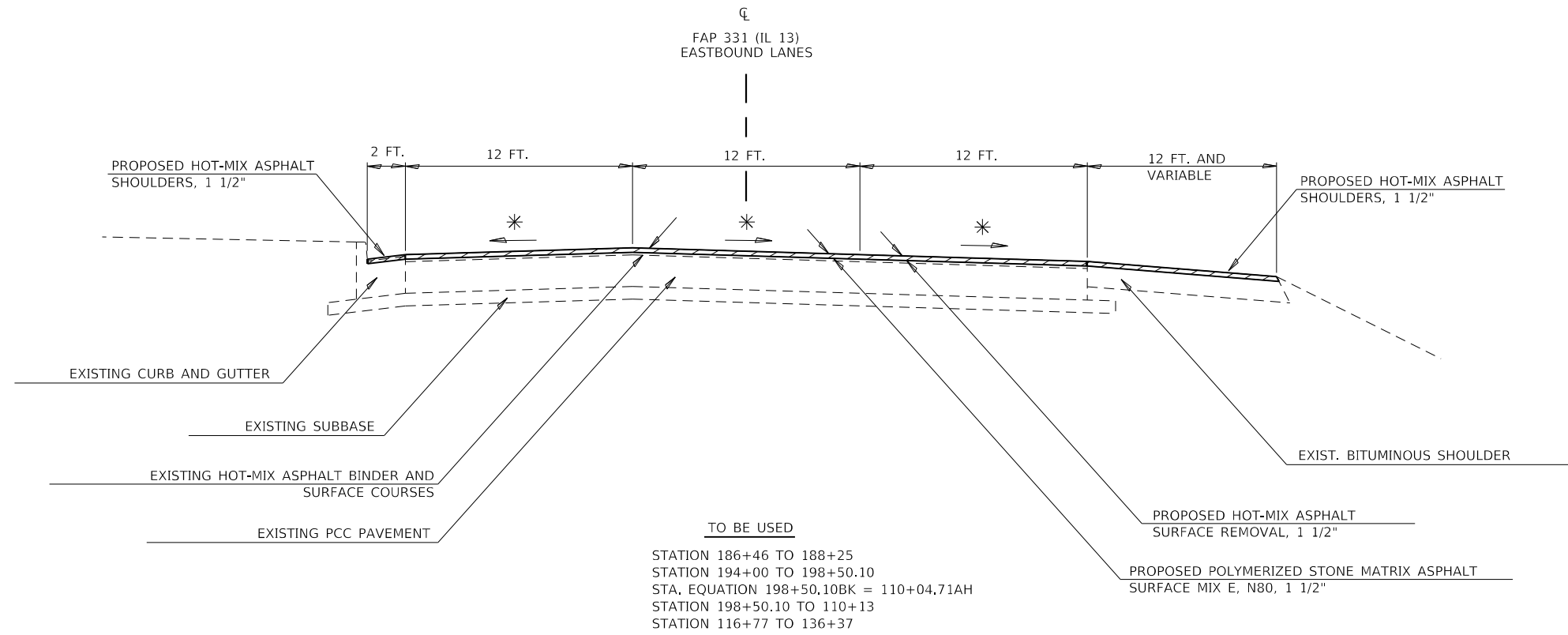
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	302	302
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	140	140
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	291	291
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	291	291
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	8,221	8,221
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1,194	1,194
Z0034105	MATERIAL TRANSFER DEVICE	TON	4,130	4,130
LR443200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	18,807	18,807

* SPECIALTY ITEM

REV. - MS

MODEL NAME: MAMIES
FILE NAME: 811215

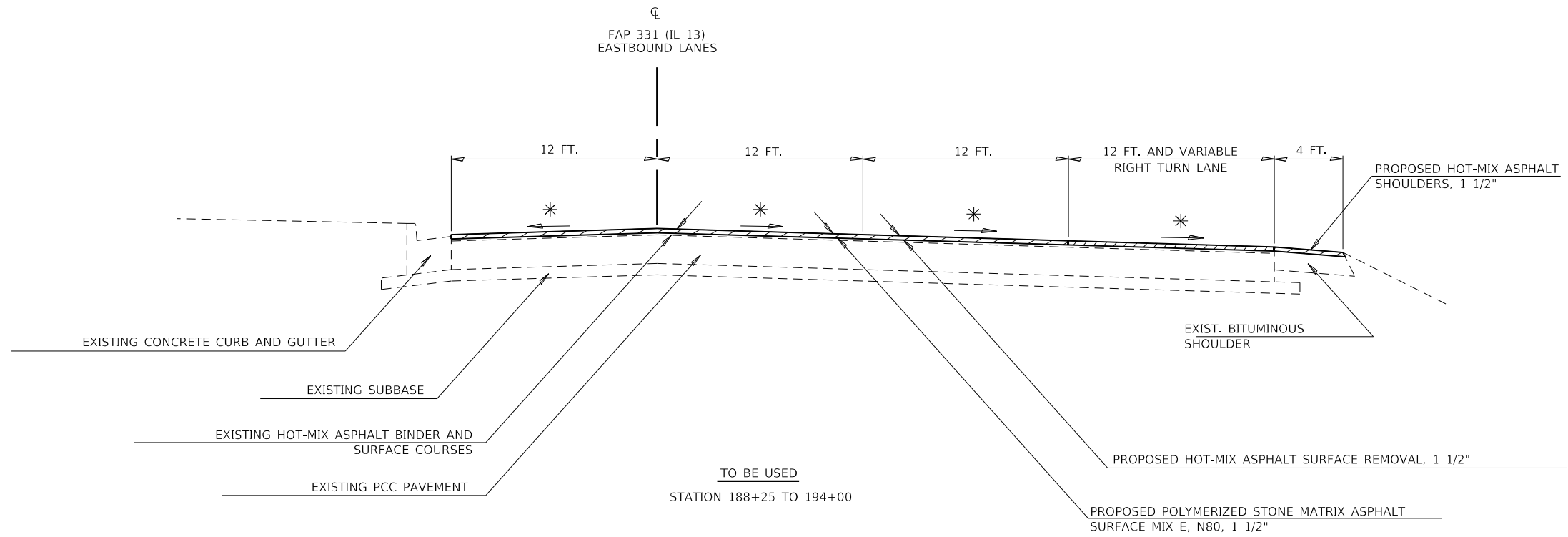
USER NAME = SUSERS	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITEIS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN - _____	REVISIED - _____	SCALE: _____			SHEET _____ OF _____ SHEETS	331	(5-4,5-3)RS-7	JACKSON	21	7
PLOT SCALE = \$SCALES	CHECKED - _____	REVISIED - _____			STA. _____ TO STA. _____	CONTRACT NO. 78925				
PLOT DATE = \$DATES	DATE - _____	REVISIED - _____			ILLINOIS FED. AID PROJECT					



TO BE USED
 STATION 186+46 TO 188+25
 STATION 194+00 TO 198+50.10
 STA. EQUATION 198+50.10BK = 110+04.71AH
 STATION 198+50.10 TO 110+13
 STATION 116+77 TO 136+37

* MATCH EXISTING SLOPE

STRIP REFLECTIVE CRACK CONTROL SHALL BE APPLIED UNDER THE SURFACE COURSE ALONG THE EXISTING LANE LINES.



TO BE USED
 STATION 188+25 TO 194+00

* MATCH EXISTING SLOPE

STRIP REFLECTIVE CRACK CONTROL SHALL BE APPLIED UNDER THE SURFACE COURSE ALONG THE EXISTING LANE LINES.

MODEL NAME: MAMTMS
 FILE NAME: 81215

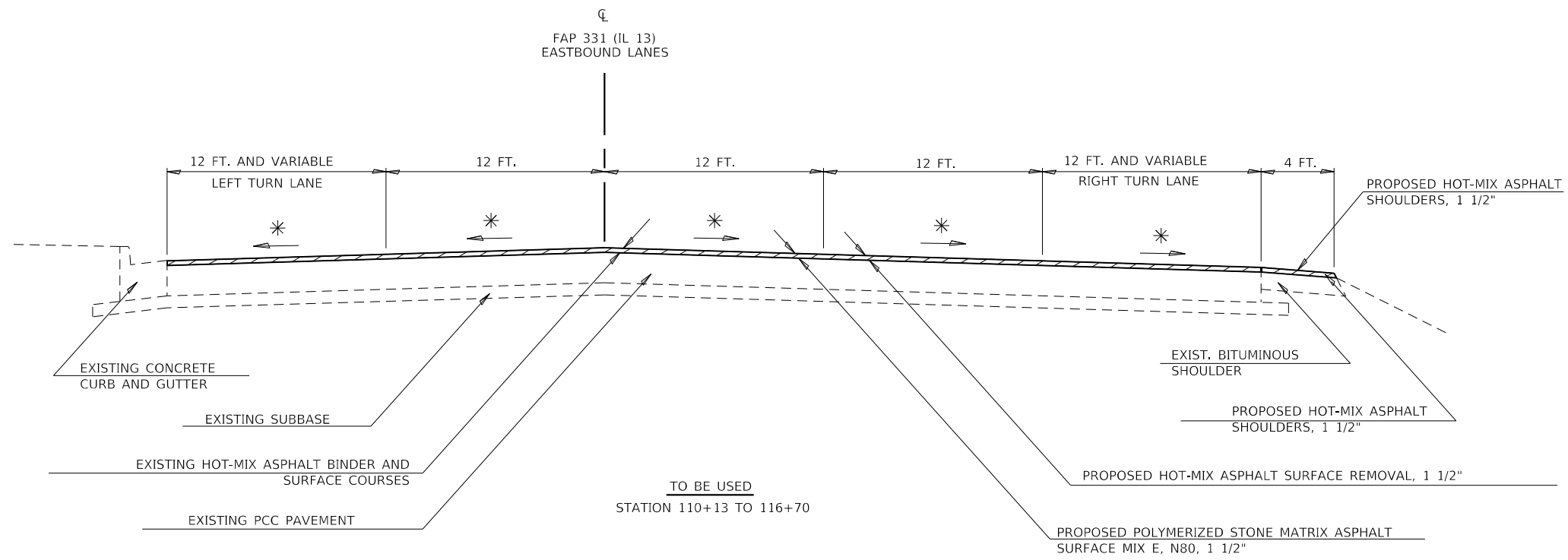
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PLOT SCALE = 5/8"=1'	DRAWN - _____	REVISED - _____
PLOT DATE = 5/20/15	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS EB

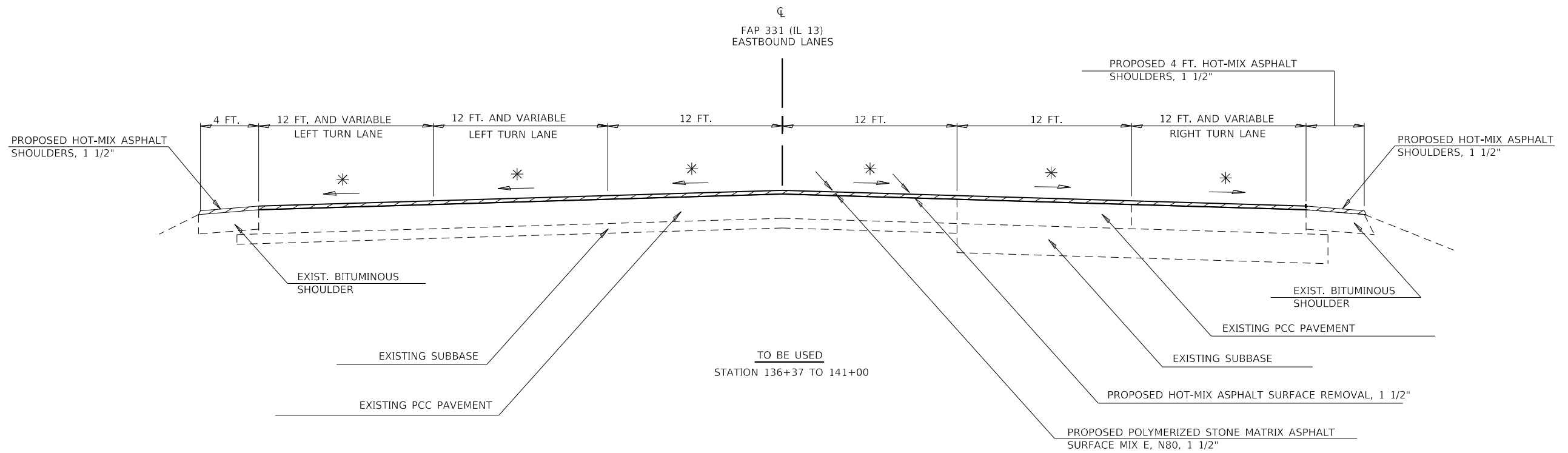
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 331	SECTION (5-4.5-3)RS-7	COUNTY JACKSON	TOTAL SHEETS 21	SHEET NO. 8
CONTRACT NO. 78925			ILLINOIS FED. AID PROJECT	



* MATCH EXISTING SLOPE

STRIP REFLECTIVE CRACK CONTROL SHALL BE APPLIED UNDER THE SURFACE COURSE ALONG THE EXISTING LANE LINES.



* MATCH EXISTING SLOPE

STRIP REFLECTIVE CRACK CONTROL SHALL BE APPLIED UNDER THE SURFACE COURSE ALONG THE EXISTING LANE LINES.

MODEL NUMBER: MAMES
FILE NAME: 811EUS

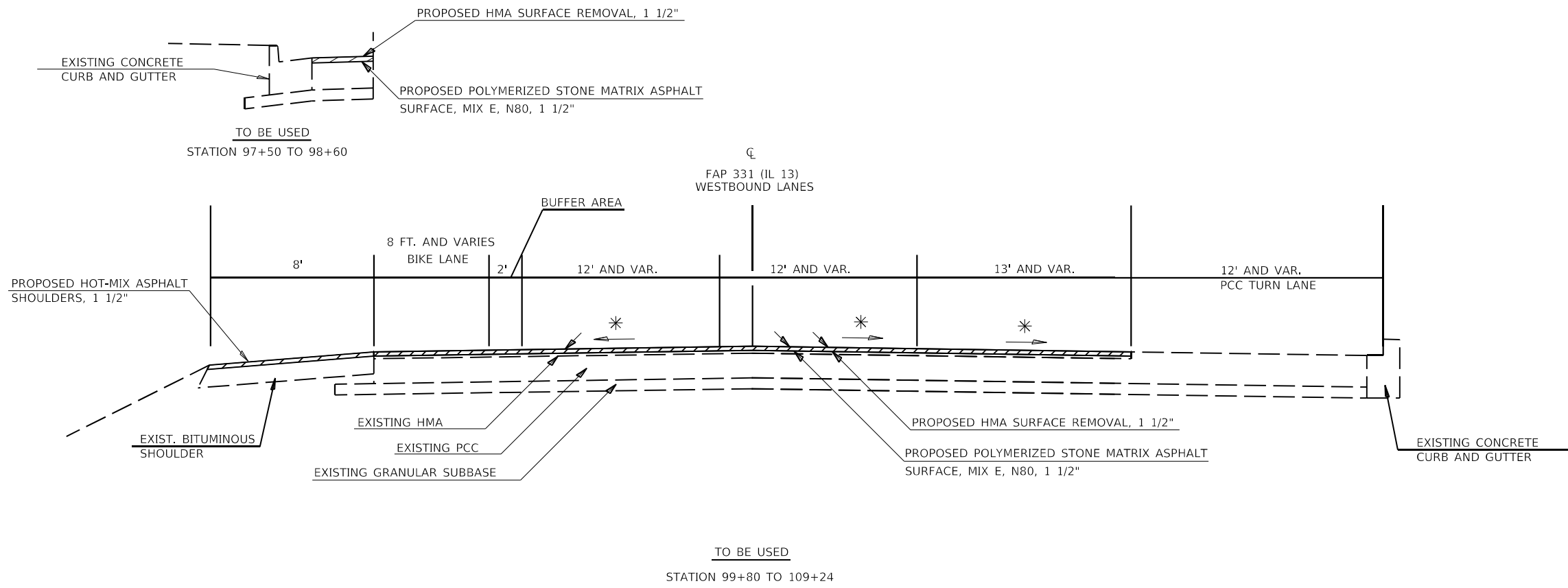
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	DRAWN - _____	REVISED - _____
PLOT SCALE = 5SCALES	CHECKED - _____	REVISED - _____
PLOT DATE = SDATES	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS EB

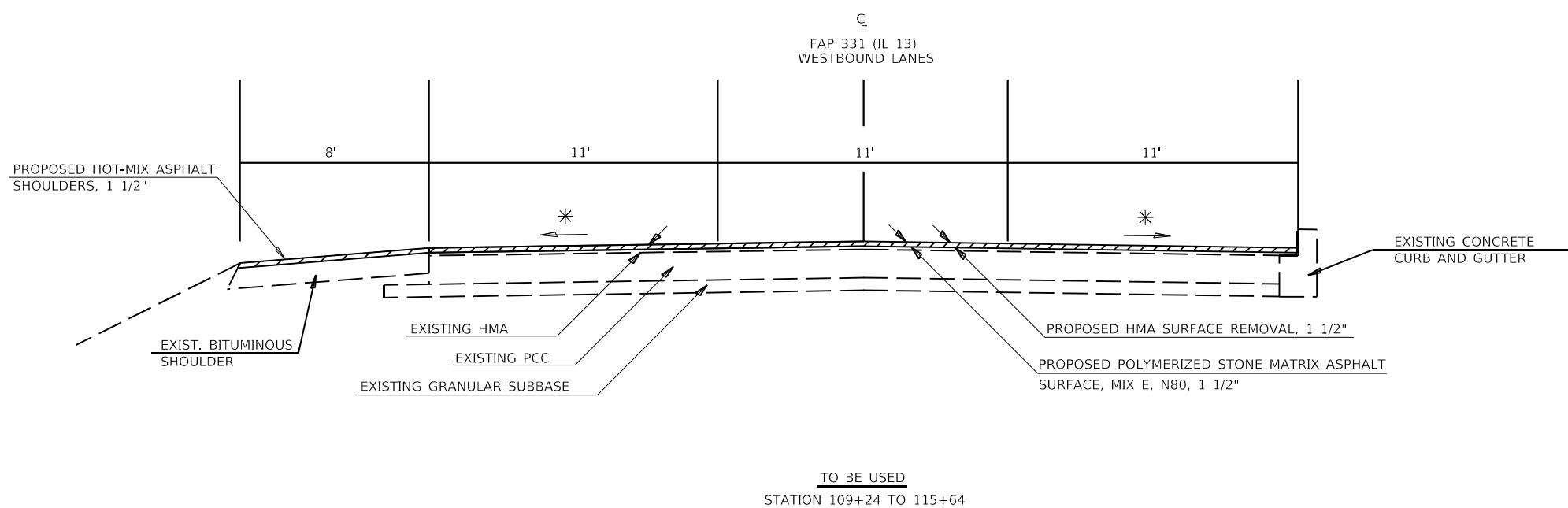
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 331	SECTION (5-4.5-3)RS-7	COUNTY JACKSON	TOTAL SHEETS 21	SHEET NO. 9
CONTRACT NO. 78925				
ILLINOIS FED. AID PROJECT				



* MATCH EXISTING SLOPE

STRIP REFLECTIVE CRACK CONTROL SHALL BE APPLIED UNDER THE SURFACE COURSE ALONG THE EXISTING LANE LINES.



* MATCH EXISTING SLOPE

STRIP REFLECTIVE CRACK CONTROL SHALL BE APPLIED UNDER THE SURFACE COURSE ALONG THE EXISTING LANE LINES.

MODEL NUMBER: MAMES
FILE NAME: 081015

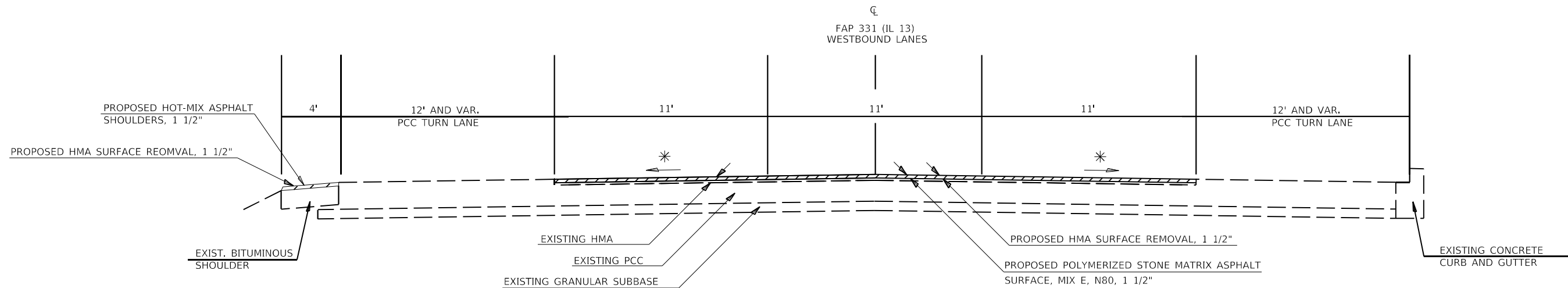
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	DRAWN - _____	REVISED - _____
PLOT SCALE = 5/8"=1'	CHECKED - _____	REVISED - _____
PLOT DATE = SDATES	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS WB

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

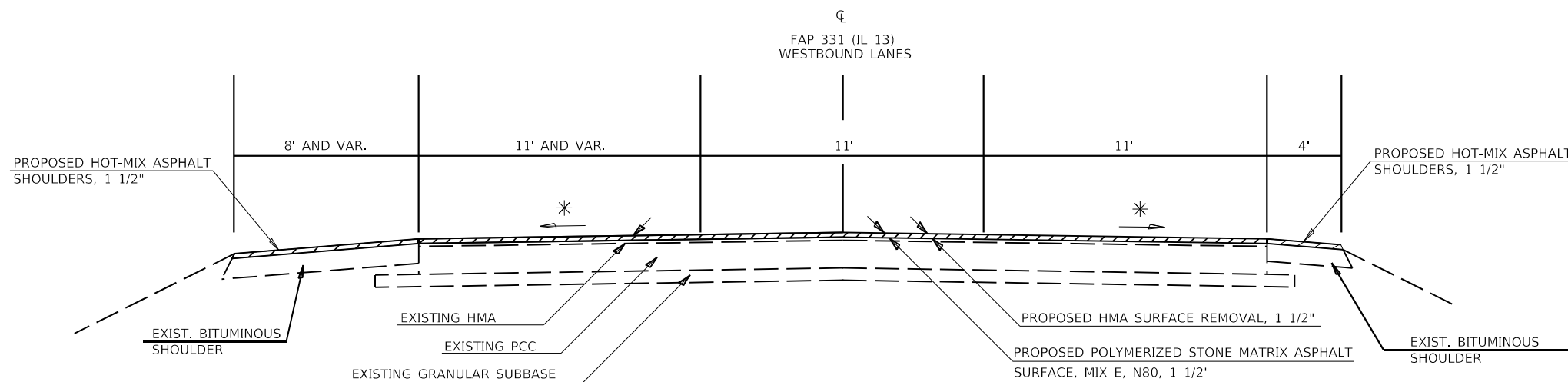
F.A.P. RTE. 331	SECTION (5-4.5-3)RS-7	COUNTY JACKSON	TOTAL SHEETS 21	SHEET NO. 10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78925	



TO BE USED
STATION 117+33 TO 122+32

* MATCH EXISTING SLOPE

STRIP REFLECTIVE CRACK CONTROL SHALL BE APPLIED UNDER THE SURFACE COURSE ALONG THE EXISTING LANE LINES.



TO BE USED
STATION 122+32 TO 134+00
STA. EQUATION 126+00BK = 10+00AH
STA. EQUATION 17+96.44BK = 134+00AH

* MATCH EXISTING SLOPE

STRIP REFLECTIVE CRACK CONTROL SHALL BE APPLIED UNDER THE SURFACE COURSE ALONG THE EXISTING LANE LINES.

MODEL NUMBER: MAM1ES
FILE NAME: 331ES

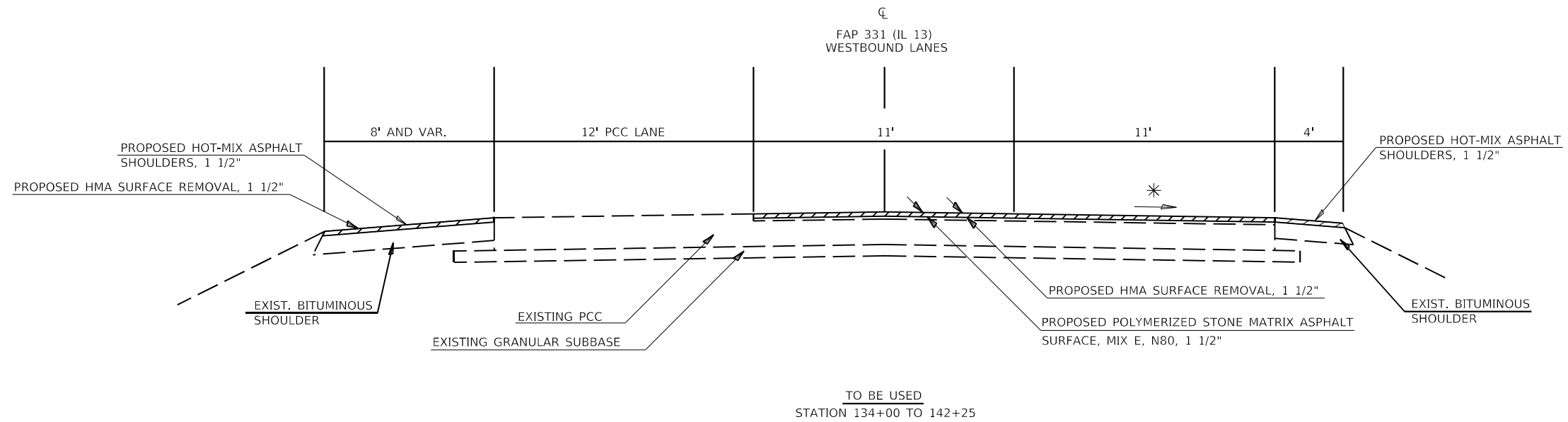
USER NAME = SUSERS	DESIGNED - _____	REVISED - _____
PLOT SCALE = 5/8"=1'	DRAWN - _____	REVISED - _____
PLOT DATE = SDATES	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS WB

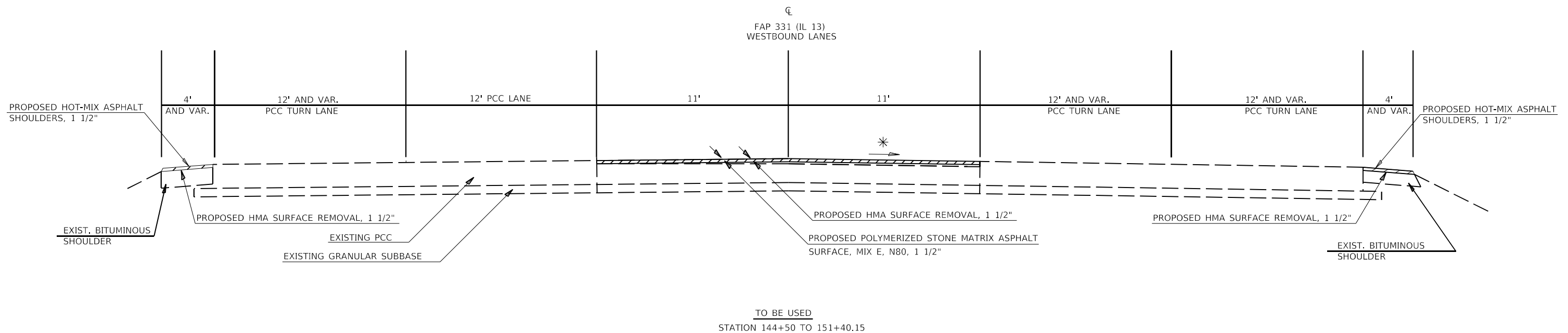
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-4.5-3)RS-7	JACKSON	21	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78925	



* MATCH EXISTING SLOPE

STRIP REFLECTIVE CRACK CONTROL SHALL BE APPLIED UNDER THE SURFACE COURSE ALONG THE EXISTING LANE LINES.



* MATCH EXISTING SLOPE

STRIP REFLECTIVE CRACK CONTROL SHALL BE APPLIED UNDER THE SURFACE COURSE ALONG THE EXISTING LANE LINES.

MODEL NUMBER: MAMT5
 FILE NAME: 01015

USER NAME = SUSER5	DESIGNED - _____	REVISED - _____
PLOT SCALE = 5/8"=1'	DRAWN - _____	REVISED - _____
PLOT DATE = 5/20/15	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS WB

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

F.A.P. RTE. 331	SECTION (5-4.5-3)RS-7	COUNTY JACKSON	TOTAL SHEETS 21	SHEET NO. 12
CONTRACT NO. 78925				
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH	PVMNT. WIDTH	PVMNT. AREA	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"	POLY. STONE MATRIX ASPHALT SURFACE MIX "E", N80 1 1/2"	BITUMINOUS MATERIALS (TACK COAT)	STRIP REFLECTIVE CRACK CONTROL	TEMPORARY RAMP	COMMENTS						
										FOR INFORMATION USE ONLY					
										(FEET)	(FEET)	(SQ FT)	(SQ YD)	(TON)	(POUND)
IL 13 WB															
97 + 50 TO 109 + 25	1,175	VAR	52,480	5,831	490	2,624	3,525	175							
109 + 25 TO 126 + 00	1,675	33	55,275	6,142	516	2,764	3,350	79	TEMP RAMP MCKINNEY AVE INTERSECTION						
126 + 00 BK = 10 + 00 AH															
10 + 00 TO 17 + 96.44	796	VAR	9,254	1,028	86	463	1,593								
17 + 96.44 BK = 134 + 00 AH															
134 + 00 TO 151 + 40.15	1,740	22	38,283	4,254	357	1,914	1,740	19	TEMP RAMP PCC LANE END						
SUBTOTAL	5,387		155,292	17,255	1,449	7,765	10,208	273							
IL 13 EB															
186 + 46 TO 198 + 50	1,204	36	43,348	4,816	405	2,167	2,408	20							
188 + 25 TO 191 + 00	275	VAR	1,800	200	17	90			RT TAPER						
191 + 00 TO 192 + 65	165	12	1,980	220	18	99		7	RT LANE						
192 + 65 TO 194 + 00	135	VAR	1,415	157	13	71		39	AUXILIARY LANE						
198 + 50.1 BK = 110 + 04.71 AH									STATION EQUATION						
110 + 04.71 TO 125 + 00	1,495	36	53,830	5,981	502	2,692	2,991								
110 + 13 TO 112 + 49	236	VAR	1,800	200	17	90			RT TAPER						
112 + 49 TO 115 + 12	263	12	3,156	351	29	158			RT LANE						
115 + 12 TO 116 + 02	90	VAR	1,270	141	12	64		12	RT (MCKINNEY AVE)						
115 + 12 TO 117 + 46	234	12	2,808	312	26	140		78	AUXILIARY LANE						
113 + 75 TO 115 + 79	204	12	2,448	272	23	122			LT LANE						
115 + 79 TO 116 + 77	98	12	1,176	131	11	59		53	AUXILIARY LANE						
125 + 00 TO 141 + 00	1,600	36	57,600	6,400	538	2,880	3,200	20							
136 + 37 TO 139 + 54	317	VAR	3,805	423	36	190			LT TAPER						
139 + 54 TO 141 + 00	146	24	3,504	389	33	175		13	LT LANES						
137 + 25 TO 139 + 70	245	VAR	1,470	163	14	74			RT TAPER						
139 + 70 TO 141 + 00	130	12	1,560	173	15	78		7	RT LANE						
SUBTOTAL	4,299		182,970	20,330	1,708	9,149	8,599	249							
TOTALS				37,585	3,157	16,913	18,807	522							

- BIT. MAT. TACK COAT AT (0.05LB/SQ FT) ON MILLED SURFACE

MODEL NUMBER: MAMES
FILE NAME: 811EUS

USER NAME = SUSERS	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RESURFACING SCHEDULE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - _____	REVISED - _____		SCALE: _____	SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____	(5-4,5-3)RS-7	JACKSON	21	13
PLOT SCALE = 5SCALES	CHECKED - _____	REVISED - _____		CONTRACT NO. 78925									
PLOT DATE = SDATES	DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT									

SHOULDER SCHEDULE

LOCATION STATION TO STATION	LENGTH	SHOULDER WIDTH	HOT-MIX ASPHALT REMOVAL 1 1/2"	HOT-MIX ASPHALT SURFACE COURSE MIX C, N70 1 1/2"	BITUMINOUS MATERIALS (TACK COAT)	COMMENTS
	FOR INFORMATION USE ONLY		(SQ YD)	(TON)	(POUND)	
	(FOOT)	(FOOT)				
IL 13 WB						
100 + 09 TO 100 + 53	44	VAR	15	1	7	LEFT LANE
100 + 53 TO 115 + 18	1,465	8	1,302	109	586	LEFT LANE
115 + 18 TO 115 + 46	28	VAR	14	1	6	LEFT LANE
117 + 15 TO 121 + 26	411	4	183	15	82	LEFT LANE
121 + 26 TO 123 + 00	174	VAR	116	10	52	LEFT LANE
121 + 90 TO 126 + 00 BK	410	4	182	15	82	RIGHT LANE
10 + 00 AH TO 17 + 96.44 BK	796	6	531	45	239	RIGHT LANE
134 + 00 AH TO 142 + 25	825	7	642	54	289	RIGHT LANE
123 + 00 TO 126 + 00 BK	300	8	267	22	120	LEFT LANE
10 + 00 AH TO 10 + 58	58	8	52	4	23	LEFT LANE
10 + 58 TO 17 + 96.44 BK	738	10	820	69	369	LEFT LANE
134 + 00 TO 141 + 72	772	10	858	72	386	LEFT LANE
141 + 72 TO 142 + 13	41	VAR	35	3	16	LEFT LANE
144 + 23 TO 151 + 40	717	4	319	27	143	RIGHT LANE
144 + 46 TO 151 + 40	694	VAR	457	38	206	LEFT LANE
SUBTOTAL			5,790	486	2,606	
IL 13 EB						
186 + 46 TO 192 + 24	578	2	128	11	58	LEFT LANE
186 + 46 TO 186 + 66	20	VAR	12	1	5	RIGHT LANE
186 + 66 TO 188 + 25	159	12	212	18	95	RIGHT LANE
188 + 25 TO 190 + 00	175	VAR	123	10	56	RIGHT LANE
190 + 00 TO 192 + 65	265	4	118	10	53	RIGHT LANE
194 00 TO 198 + 50.1 BK	850	12	1,133	95	510	RIGHT LANE
110 + 04.71 AH TO 114 + 80	475	12	634	53	285	RIGHT LANE
114 + 80 TO 115 + 34	54	VAR	56	5	25	RIGHT LANE
117 + 46 TO 120 + 17	271	8	241	20	108	RIGHT LANE
117 + 64 TO 121 + 83	419	1	47	4	21	LEFT LANE
120 + 17 TO 120 + 67	50	VAR	51	4	23	RIGHT LANE
120 + 67 TO 137 + 25	1,658	10	1,842	155	829	RIGHT LANE
121 + 83 TO 142 + 25	2,042	4	908	76	408	LEFT LANE
137 + 25 TO 138 + 79	154	VAR	136	11	61	RIGHT LANE
138 + 79 TO 142 + 17	338	4	150	13	68	RIGHT LANE
SUBTOTAL			5,791	486	2,606	
TOTALS			11,581	973	5,211	

- BIT. MAT. TACK COAT AT (0.05LB/SQ FT) ON MILLED SURFACE

REV. - MS

MODEL NAME: MAMMS
FILE NAME: 811215

USER NAME = SUSERS	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER PAVEMENT SCHEDULE			F.A.P. RTE. 331	SECTION (5-4,5-3)RS-7	COUNTY JACKSON	TOTAL SHEETS 21	SHEET NO. 14
PLOT SCALE = 5SCALES	CHECKED - _____	REVISED - _____		SCALE: _____	SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____	CONTRACT NO. 78925	
PLOT DATE = SDATES	DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT							

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	INFO ONLY	THERMOPLASTIC PAVEMENT MARKING							POLYUREA TYPE I PAVEMENT MARKING		COMMENTS
		LINE 4"			LINE 6" - WHITE SOLID	LINE 12" - WHITE SOLID	LINE 24" - WHITE SOLID	LETTERS & SYMBOLS	LINE 6" - WHITE SOLID	LINE 12" - WHITE SOLID	
		YELLOW	WHITE								
		SOLID	SOLID	SKIP DASH	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	
IL 13 WB											
97 + 50 TO 98 + 33	83		166.0								BIKE LANE
97 + 50 TO 98 + 33	83				12.0						BIKE LANE BUFFER DASH LINES
97 + 50 TO 98 + 36	86		86.0								LEFT EOP
97 + 50 TO 98 + 33	83			41.5							SKIP DASH WEST OF LEWIS LANE
98 + 36 TO 99 + 20	84			42.0							TURNING RADIUS FROM LEWIS LANE
99 + 67 TO 101 + 18	151		151.0								LEWIS LANE TURN LANE
99 + 60 TO 115 + 64	1,604			802.0							SKIP DASH TO MCKINNEY
99 + 81 TO 115 + 36	1,555		1,555.0								LEFT EOP TO MCKINNEY
100 + 30 TO 104 + 95	465		465.0								BIKE LANE
100 + 30 TO 107 + 42	712		712.0								BIKE LANE BUFFER LINE
103 + 50 TO 104 + 77	127	127.0									RIGHT EOP
105 + 31 TO 106 + 94	163		163.0								MALL FRONTAGE RD TURN LANE
109 + 06 TO 115 + 64	658	658.0									RIGHT EOP
116 + 73 TO 120 + 49	376		376.0								LEFT TURN LANE MCKINNEY
117 + 20 TO 134 + 00	1,676			838.2							SKIP DASH MCKINNEY TO PCC LANE
117 + 20 TO 119 + 76	256		256.0								RIGHT TURN LANE MCKINNEY LANE
121 + 49 TO 142 + 24	2,071	2,071.0									RIGHT EOP
122 + 26 TO 134 + 00	1,174		1,174.0								LEFT EOP MCKINNEY TO PCC LANE
134 + 00 TO 143 + 00	900			225.0							SKIP DASH PCC LANE TO GIANT CITY
143 + 66 TO 147 + 11	345		345.0								RIGHT LANE GIANT CITY RD
143 + 66 TO 151 + 40.15	774			387.1							SKIP DASH GIANT CITY TO END
98+25							11.2				BIKE & ARROW
99+48								178.0	132.0		CROSSWALK EAST OF LEWIS LANE
99+53							13.0				STOP BAR
99+57							12.0				STOP BAR
99+60							12.0				STOP BAR
100+76								11.2			BIKE & ARROW
100 + 09 TO 107 + 50					125.0						BIKE LANE BUFFER DASH LINES
100+93								11.2			BIKE & ARROW
105+26								11.2			BIKE & ARROW
117+10					66.0	66.0					CROSSWALK EAST OF MCKINNEY AVE
117+18							33.0				STOP BAR
143+68							22.0				STOP BAR
SUBTOTAL		2,856	5,449	2,336	203	66	92	45	178	132	

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PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	INFO ONLY	THERMOPLASTIC PAVEMENT MARKING							POLYUREA TYPE I PAVEMENT MARKING		REMARKS
		LINE 4"			LINE 6" - WHITE SOLID	LINE 12" - WHITE SOLID	LINE 24" - WHITE SOLID	LETTERS & SYMBOLS	LINE 6" - WHITE SOLID	LINE 12" - WHITE SOLID	
		YELLOW	WHITE								
		SOLID	SOLID	SKIP DASH	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	
IL 13 EB											
186 + 46 TO 198 + 50	1,204	1,204									LEFT EOP
186 + 46 TO 192 + 59	613		613								RIGHT EOP TO MALL DR TURN
186 + 46 TO 115 + 93	1,792			896.2							SKIP DASH TO MCKINNEY AVE
190 + 59 TO 192 + 59	200		200.0								RIGHT TURN LANE MALL DR
193 + 15 TO 193 + 50	35		35.0								RIGHT EOP AT MALL DR ISLAND
194 + 00 TO 115 + 85	1,030		1,030.4								RIGHT EOP FROM MALL DR TO MCKINNEY AVE
112 + 53 TO 115 + 93	340		340.0								RIGHT TURN LANE MCKINNEY AVE
113 + 75 TO 115 + 93	218		218.0								LEFT TURN LANE MCKINNEY AVE
113 + 75 TO 115 + 78	203	203									LEFT EOP AFTER PCC LANE
116 + 77 TO 117 + 04	27		27.0								RIGHT EOP AT MCKINNEY AVE ISLAND
116 + 78 TO 141 + 00	2,422			1,211.0							SKIP DASH TO GIANT CITY PCC
116 + 85 TO 141 + 00	2,415	2,415.0									LEFT EOP TO GIANT CITY PCC
117 + 64 TO 141 + 00	2,336		2,336.0								RIGHT EOP TO GIANT CITY PCC
139 + 49 TO 141 + 00	151		302.0								TWO LEFT TURN LANES
139 + 70 TO 141 + 00	130		130.0								RIGHT TURN LANE
186+63					90.0	104.0					CROSSWALK AT LEWIS LANE
190+61							20.6				RT TURN ONLY
192+05							20.6				RT TURN ONLY
113+04							20.6				RT TURN ONLY
115+78								12.0			STOP BAR
115+82					42.0	42.0					CROSSWALK AT MCKINNEY TURN
115+93							36				STOP BAR
117+16					72.0	90.0					CROSSWALK EAST OF MCKINNEY
139+59							41.2				LEFT TURN ONLY x2
139+78							20.6				RIGHT TURN ONLY
SUBTOTAL		3,822.0	5,231.4	2,107.2	204.0	236.0	48.0	123.6	0.0	0.0	
TOTAL			21,801.4		407	302	140	168	178	132	

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USER NAME = WarrenJ	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISIONS - _____	
PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISIONS - _____
PLOT DATE = 2/9/2022	DATE - _____	REVISIONS - _____

**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.
331	(5-4.5-3)RS-7	JACKSON	21	16
CONTRACT NO. 78925				
ILLINOIS FED. AID PROJECT				

PATCHING SCHEDULE

LANE LOCATION	WIDTH	LENGTH	AREA	CLASS B PATCHES, TYPE I, 12 INCH	CLASS B PATCHES, TYPE II, 12 INCH	CLASS B PATCHES, TYPE III, 12 INCH	CLASS B PATCHES, TYPE IV, 12 INCH	SAW CUTS	DOWEL BARS	TIE BARS	WELDED WIRE REINFORC- EMENT
	FEET	FEET	SQYD	SQYD	SQYD	SQYD	SQYD	FT	EACH	EACH	SQYD
13 WB STA 150+14 TO GIANT CITY RD											
LTL	12	6	8		8			48	20		
LTL	12	6	8		8			48	20		
LTL/PL	6	68	45.3				45.3	154	8	45	45.3
LTL	10	6	6.7		6.7			42	16		
LTL/PL	9	19	19			19		65	14		19
DL	12	6	8		8			48	20		
LTL	15	6	10		10			57	26		
LTL	21	6	14		14			75	38		
DL	12	6	8		8			48	20		
LTL	23	6	15.3			15.3		81	42	15	15.3
LTL	15	6	10		10			57	26		
DL	12	6	8		8			48	20		
LTL	24	13	34.7				34.7	98	44	16	34.7
LTL	12	6	8		8			48	20		
DL	12	6	8		8			48	20		
LTL	24	6	16			16		84	44	16	16
DL	12	6	8		8			48	20		
LTL	12	6	8		8			48	20		
DL	12	6	8		8			48	20		
LTL	12	6	8		8			48	20		
LTL	12	6	8		8			48	20		
LTL	12	6	8		8			48	20		
LTL	12	6	8		8			48	20		
LTL	12	6	8		8			48	20		
LTL	12	6	8		8			48	20		
13 WB GIANT CITY RD TO MCKINNEY AVE											
LTL	7	6	4.7	4.7				33	10		
LTL	9	6	6		6			39	14		
LTL	12	6	8		8			48	20		
LTL	12	6	8		8			48	20		
LTL	12	7	9.3		9.3			50	20		
13 WB MCKINNEY AVE TO LEWIS LN											
LTL	8	6	5.3		5.3			36	12		
LTL	12	6	8		8			48	20		
LTL	12	6	8		8			48	20		
LTL	12	6	8		8			48	20		
LTL	12	6	8		8			48	20		
TOTAL				5	230	51	80	1879	734	92	131

MODEL NUMBER: MAMES
FILE NAME: 811215

USER NAME = SUSERS	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLASS B PATCHING SCHEDULE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 5/8"=1'	CHECKED - _____	REVISED - _____		SCALE: _____	SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____	JACKSON	21	17
PLOT DATE = 5/20/15	DATE - _____	REVISED - _____						ILLINOIS FED. AID PROJECT		CONTRACT NO. 78925		

PATCHING SCHEDULE

LANE LOCATION	WIDTH	LENGTH	AREA	CLASS C PATCHES, TYPE I, 12 INCH	CLASS C PATCHES, TYPE II, 12 INCH	CLASS C PATCHES, TYPE III, 12 INCH	CLASS C PATCHES, TYPE IV, 12 INCH
	FEET	FEET	SQYD	SQYD	SQYD	SQYD	SQYD
13 WB STA 150+14 TO GIANT CITY RD							
DL	11	6	7.3		7.3		
CL	11	6	7.3		7.3		
* LTL/PL	4	95	42.2				42.2
* LTL	4	67	29.8			0	
13 WB GIANT CITY TD TO MCKINNEY							
* INTERSECTION PL	4	100	44.4				44.4
* INTERSECTION PL	4	100	44.4				44.4
PL	11	8	9.8		9.8		
PL	11	6	7.3		7.3		
PL	11	6	7.3		7.3		
CL	11	6	7.3		7.3		
PL	11	6	7.3		7.3		
PL	11	8	9.8		9.8		
CL	11	8	9.8		9.8		
DL	12	8	10.7		10.7		
DL	12	6	8		8		
* PL	6	170	113.3				
* CL/DL	4	75	33.3				113.3
PL	11	14	17.1			17.1	33.3
CL	11	14	17.1			17.1	
DL	12	14	18.7			18.7	
PL	12	6	8		8		
* INTERSECTION PL	4.00	100.00	44.4				44.4
13 WB MCKINNEY AVE TO LEWIS LN							
PL	13	8	11.6		11.6		
CL	13	8	11.6		11.6		
DL	13	8	11.6		11.6		
CL	11	6	7.3		7.3		
DL	12	6	8		8		
CL	11	6	7.3		7.3		
DL	12	6	8		8		
CL	11	6	7.3		7.3		
DL	12	6	8		8		
PL	11	6	7.3		7.3		
CL	11	16	19.6			19.6	
DL	12	6	8		8		
* LTL	4	97	43.1				43.1
LTL	4	23	10.2		10.2		
* LTL	4	80	35.6				35.6

* TIE BARS ARE INCLUDED IN THE COST OF CLASS C PATCHES

PATCHING SCHEDULE CONT.

LANE LOCATION	WIDTH	LENGTH	AREA	CLASS C PATCHES, TYPE I, 12 INCH	CLASS C PATCHES, TYPE II, 12 INCH	CLASS C PATCHES, TYPE III, 12 INCH	CLASS C PATCHES, TYPE IV, 12 INCH
	FEET	FEET	SQYD	SQYD	SQYD	SQYD	SQYD
SB LEWIS LN							
LTL	6	19	12.7		12.7		
* LTL	3	49	16.3			16.3	
LTL	10	6	6.7		6.7		
13 EB LEWIS LN TO MCKINNEY							
CL	12	10	13.3		13.3		
PL	12	13	17.3			17.3	
CL	12	13	17.3			17.3	
DL	12	13	17.3			17.3	
PL	12	13	17.3			17.3	
CL	12	13	17.3			17.3	
DL	12	13	17.3			17.3	
CL	6	8	5.3		5.3		
PL	12	12	16			16	
CL	12	12	16			16	
DL	12	12	16			16	
PL	12	12	16			16	
CL	12	12	16			16	
DL	12	12	16			16	
PL	12	6	8		8		
CL	12	6	8		8		
DL	12	6	8		8		
13 EB MCKINNEY TO GIANT CITY							
CL	12	24	32				32
* PL	6	105	70				70
PL	12	18	24			24	
* CL	12	28	37.3				37.3
				0	276	313	540

* TIE BARS ARE INCLUDED IN THE COST OF CLASS C PATCHES

MODEL NUMBER: MAMES
FILE NAME: 81815

USER NAME = SUSERS	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 5/8"=1'	CHECKED - _____	REVISED - _____
PLOT DATE = 5/24/05	DATE - _____	REVISED - _____

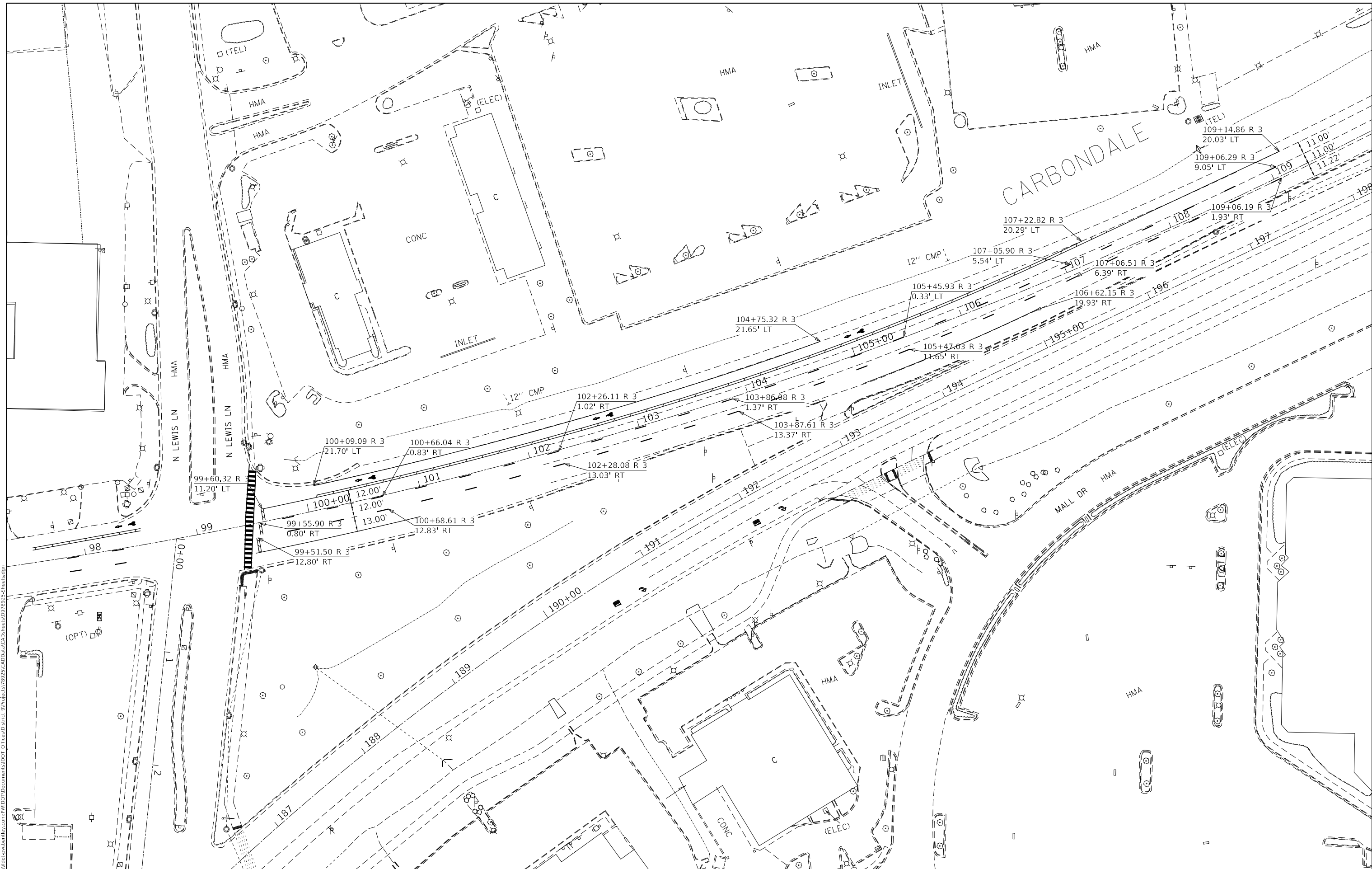
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CLASS C PATCHING SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-4,5-3)RS-7	JACKSON	21	18
			CONTRACT NO. 78925	
ILLINOIS FED. AID PROJECT				

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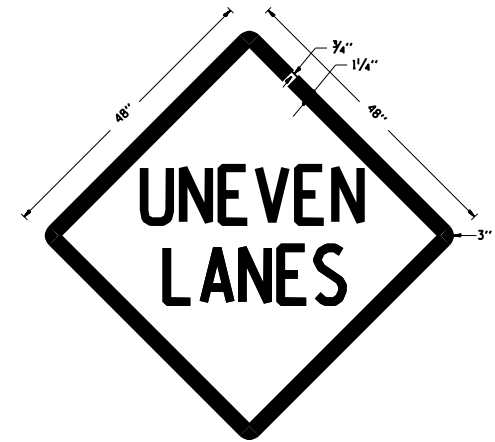
USER NAME = Warren	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISED - _____	
PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 2/9/2022	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BIKE LANE DETAIL
 SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-4.5-3)RS-7	JACKSON	21	19
CONTRACT NO. 78925				
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.

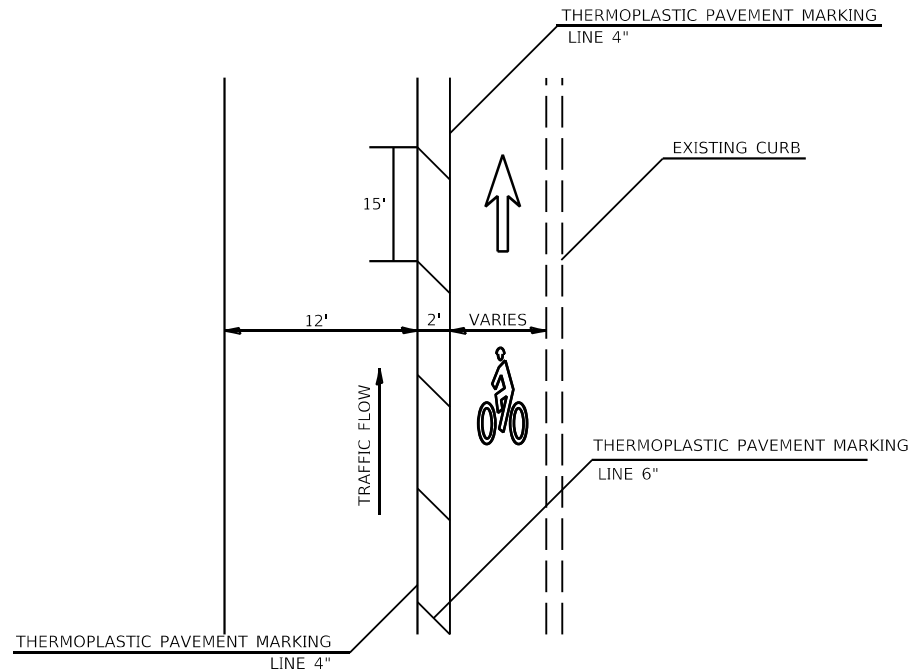
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

REVISIONS

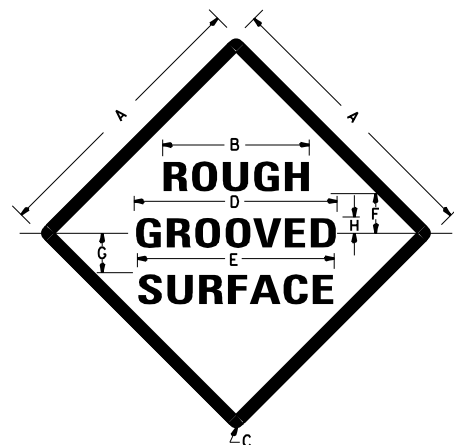
DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13

STD. 9-41



BIKE LANE DETAIL

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BIKE LANE DETAIL, UNEVEN LANES
ROUGH GROOVED SURFACE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-4.5-3)RS-7	JACKSON	21	20
CONTRACT NO. 78925				
ILLINOIS FED. AID PROJECT				

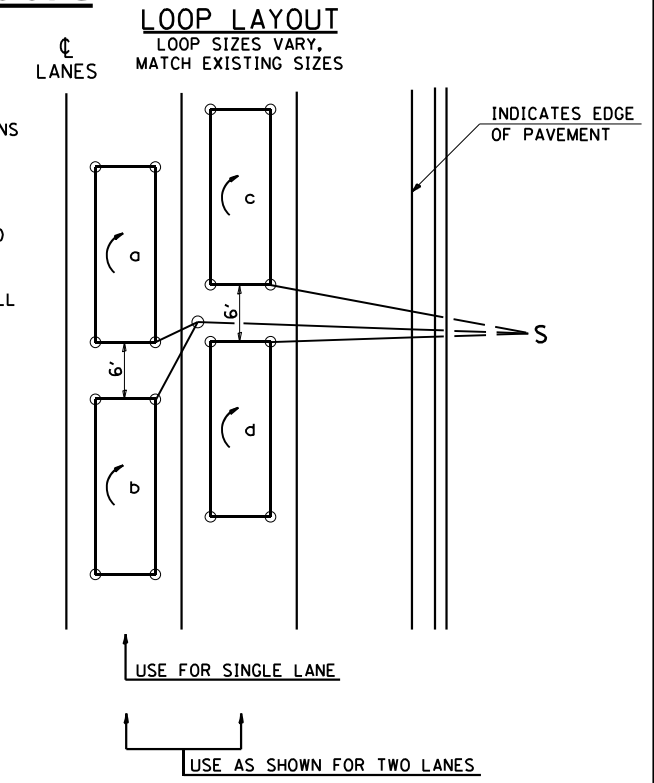
DETAIL OF DETECTOR LOOPS

NOTES

1. THE DETECTOR LOOPS SHALL BE TYPE I. EACH DETECTOR LOOP SHALL HAVE 3 TURNS OF LOOP WIRE AND BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 886 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
2. BEGINNING LEAD WIRES SHALL BE CONNECTED TO THE BLACK LEAD AND THE ENDING LEAD WIRES SHALL BE CONNECTED TO THE WHITE LEAD OF THE TWIN TWISTED FEED CABLES AT THE SPLICE POINT.
3. WHERE THE LOOPS ARE INSTALLED PRIOR TO RESURFACING, THE LOOP CORNERS SHALL BE DIAGONALLY CUT.

LOOP LEGEND

- CLOCKWISE ROTATION FOR LOOP WIRES
- INDICATES SPLICE POINT FOR DETECTOR LOOP LEAD
- INDICATES 2" CORE-DRILL

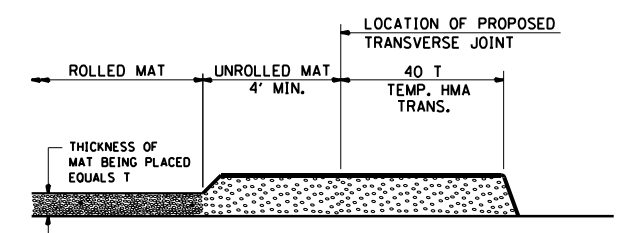


DETAIL 6' x 20' DETECTOR LOOPS

REVISIONS	
REDRAWN	5-13-02
REVISED	10-27-05
REVISED	3-26-08
REDRAWN	3-16-11
REVISED	4-12-13

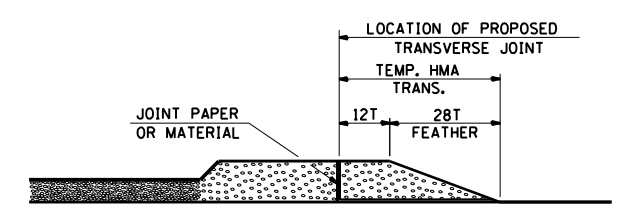
STD. 9-92

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



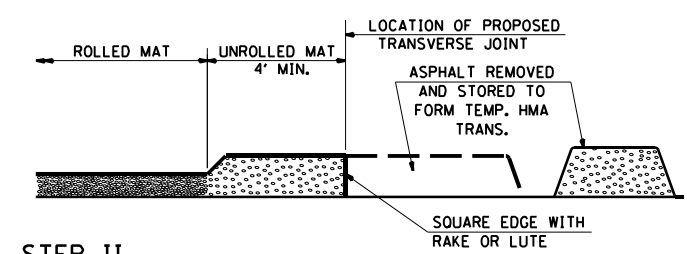
STEP I

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.



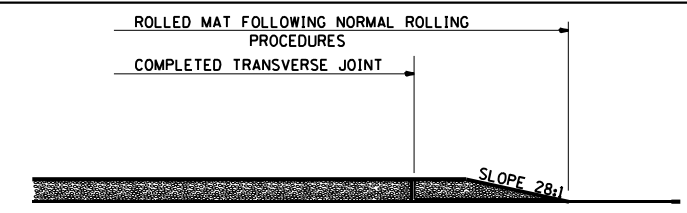
STEP III

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

MODEL NUMBER/DATE
FILE NAME: 811EUS

USER NAME = SUSERS	DESIGNED - _____	REVISED - _____	
	DRAWN - _____	REVISED - _____	
PLOT SCALE = 5/32" = 1'	CHECKED - _____	REVISED - _____	
PLOT DATE = SDATE	DATE - _____	REVISED - _____	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP DETAIL, TEMP HMA TRANSITIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(5-4.5-3)RS-7	JACKSON	21	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78925	