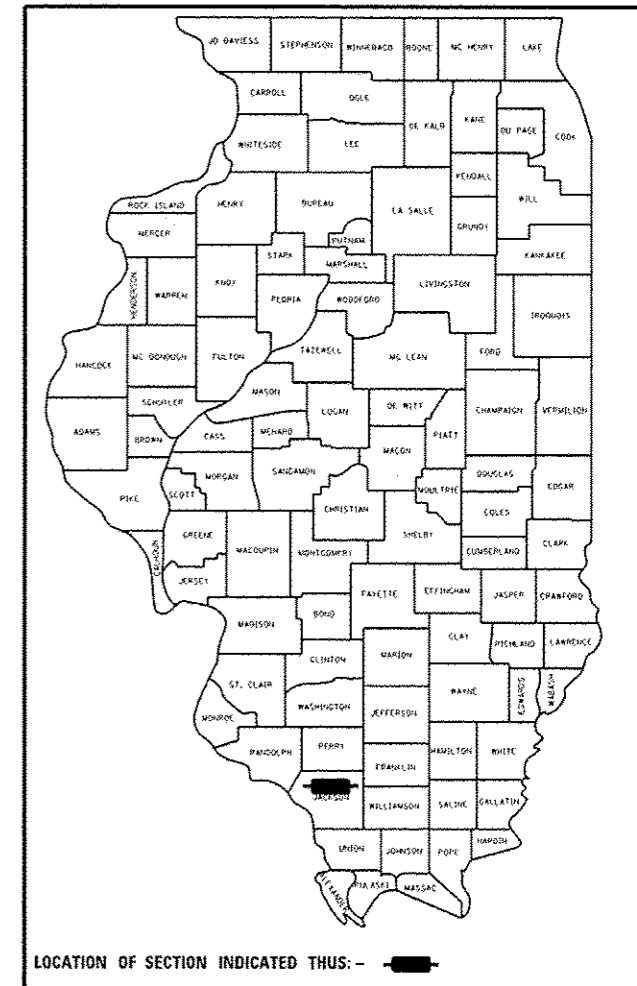


01-15-2016 LETTING ITEM 045
FOR INDEX OF SHEETS, SEE SHEET NO. 3

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.P. RTE. 686	SECTION (114,115)RS-5	COUNTY JACKSON	TOTAL SHEETS 29	SHEET NO. 1
ILLINOIS			CONTRACT NO. 78479	

D-99-047-15



**PROPOSED
HIGHWAY PLANS**

IL 4 ROUTE (FAP 686)
SECTION (114,115)RS-5
PROJECT ACF-0686 (013)
RESURFACING (3P)
JACKSON COUNTY

C-99-047-15

STATION EQUATIONS

STA. 852+72.1 BK. = STA. 860+35.8 AH.
STA. 930+62.16 BK. = STA. 931+00.86 AH.

OMISSIONS

STA. 924+97 TO STA. 927+03 (SN 039-0068)
STA. 1117+41.65 TO STA. 1122+48.35 (SN 039-0074)

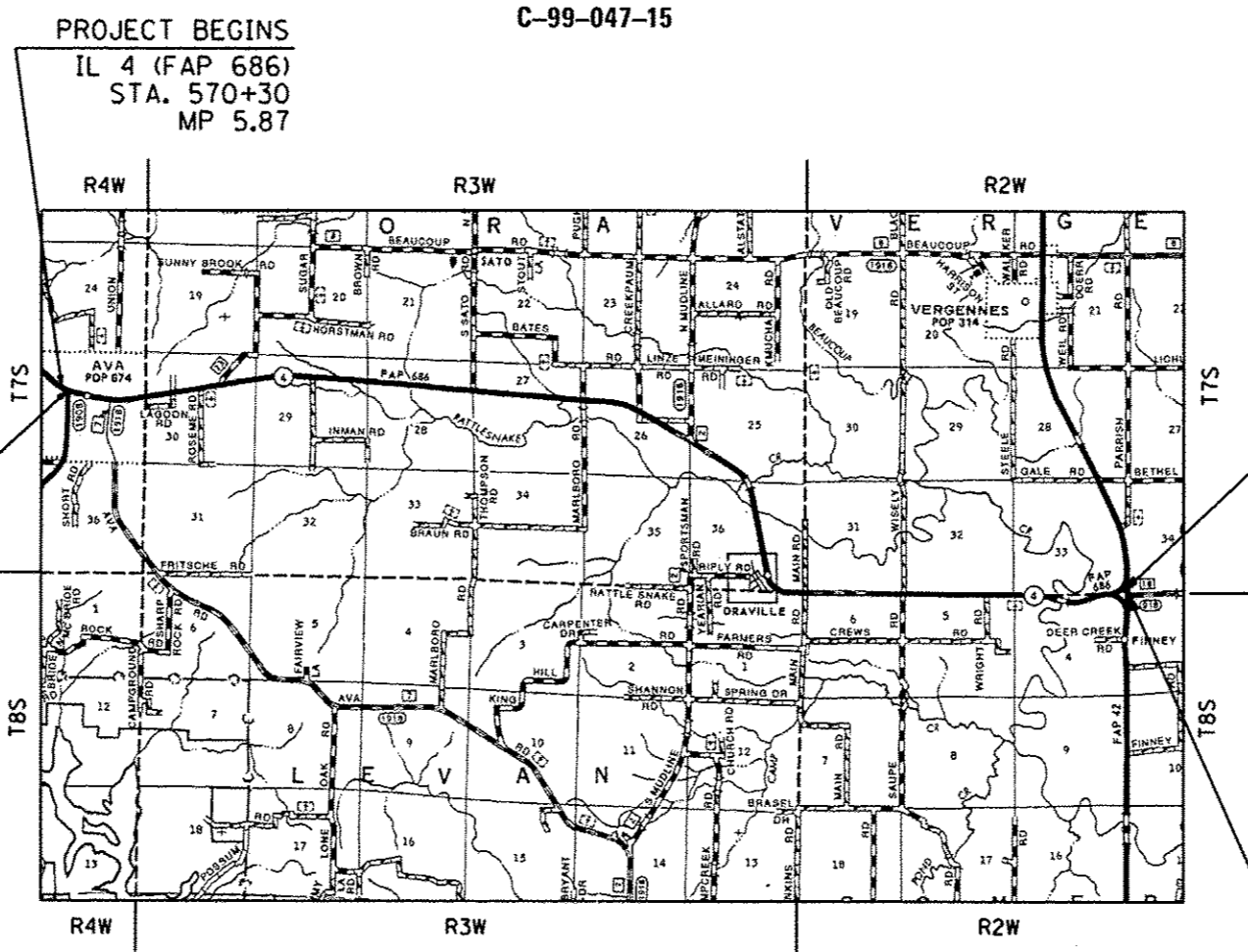
TRAFFIC DATA

IL 4 (FAP 686)	LOC A:	LOC B:	LOC C:	LOC D:
M. P.	5.90-6.09	6.09-6.36	6.36-11.81	11.81-16.71
(2016)				
PV =	4,110	3,055	1,050	1,310
SU =	210	315	125	50
MU =	390	340	235	260
ADT =	4,710	3,710	1,410	1,620
(2036)				
PV =	5,530	4,115	1,415	1,760
SU =	280	425	170	70
MU =	530	460	315	350
ADT =	6,340	5,000	1,900	2,180

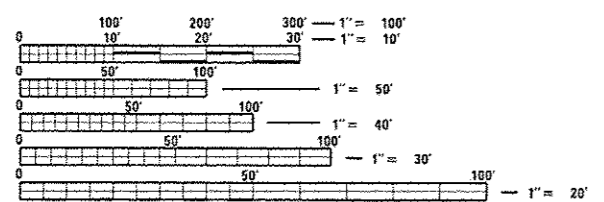
TOWNSHIPS

BRADLEY VERGENNES
ORA SOMERSET
LEVAN

STA. 572+94.40 IL 4 =
STA. 413+22.60 IL 151



PROJECT ENDS
IL 4 (FAP 686)
STA. 1151+62.50
MP 16.73



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 CHARLES STEIN - (618) 351-5210
PROJECT MANAGER JOHN A. BRANDON - (618) 351-5291
CONTRACT NO. 78479

GROSS LENGTH = 57,330.10 FT. = 10.858 MILE
OMISSIONS = 712.70 FT. = 0.135 MILE
NET LENGTH = 56,617.40 FT. = 10.723 MILE

STA. 1151+80.50 IL 4 =
STA. 342+89.56 IL 13/127

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 17 2015

Jeffrey Z. Kern
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 4 2015
John D. Baranzelli PE
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 4 2015
Omor Osman PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

Prepared By:

DISTRICT STUDIES & PLANS ENGINEER

Examined By: *[Signature]*

DISTRICT LAND ACQUISITION ENGINEER

Examined By: *[Signature]*

DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *[Signature]*

DISTRICT OPERATIONS ENGINEER

Examined By: *[Signature]*

DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: *[Signature]*

DISTRICT CONSTRUCTION ENGINEER

Examined By: *[Signature]*

DISTRICT MATERIALS ENGINEER

FILE NAME *	USER NAME * brendon_je	DESIGNED -	REVISED -
path \\RL08458\INTEG-1\Illinois.gov\PI\DOT\Documents\DOT Offices\District 9\Projects\78479\Drawings\CAD\sheet\78479.dwg		CHECKED -	REVISED -
		DATE -	REVISED -
Default	PLOT DATE * 10/14/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
686	1114J15IR5-5	JACKSON	29	2
CONTRACT NO. 78479				
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, COMMITMENTS AND HIGHWAY STANDARDS
4	GENERAL NOTES
5	MIX DESIGN, MTD CROSSING RESTRICTIONS AND ADDITIONAL DEAD LOADS TABLE
6-8	SUMMARY OF QUANTITIES
9-16	TYPICAL SECTIONS
17-18	PAVEMENT AND SHOULDER SCHEDULE
19-20	ENTRANCE AND SIDEROAD SCHEDULE
21-22	PAVEMENT MARKING SCHEDULE
23	RAISED REFLECTIVE PAVEMENT MARKERS AND ADA RAMPS SCHEDULE
24-29	DETAILS

HIGHWAY STANDARDS

000001-06 Standard Symbols Abbreviations & Patterns
 001006 Decimal of Inch & Foot
 424026-01 EntranceAlleyPedestrianCrossings
 442201-03 Class C & D Patches
 701001-02 Off Rd Op - 2L2W - 15ft Min From EOP
 701006-05 Off Rd Op - 2L2W - 15ft To EOP
 701011-04 Off Rd Moving Op - 2L2W - Day Only
 701301-04 Ln Closure 2L2W - Short Time Op
 701306-03 Ln Closure 2L2W - Slow Move Op Day Only 45 MPH Or More
 701311-03 Ln Closure 2L2W - Moving Op Day Only
 701336-06 Ln Closure 2L2W - Work Areas In Series 45 MPH Or More
 701901-04 Traf Cntrl Devices
 780001-05 Typical Pvmt Mrkings
 781001-03 Typical App Raised Reflc Pvmt Mrkrs

COMMITMENTS

NONE

FILE NAME : p:\11284284\BID\INTEG\Illinois.gov\1007\Documents\1007 Offices\Districts\Projects\78479\Drawings\CAD\Drawings\78479.dgn	USER NAME : brandon.j	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND GENERAL NOTES	F.A.P. RTE. 686	SECTION (114.115)RS-5	COUNTY JACKSON	TOTAL SHEETS 29	SHEET NO. 3	CONTRACT NO. 78479
PLOT SCALE : 1/8" = 1'-0"	CHECKED -	REVISED -	REVISED -	SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

GENERAL NOTES

THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

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 TON / CU YD
ALL AGGREGATE	2.05 TON / CU YD

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, 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 SHUT DOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

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

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER.

CALCIUM CHLORIDE ACCELERATOR FOR PORTLAND CEMENT CONCRETE, CHECK SHEET 28 OF RECURRING SPECIAL PROVISIONS, SHALL ONLY BE USED DURING THE CLASS C PATCHING OPERATION.

THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE BITUMINOUS SURFACE REMOVAL.

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT-MIX ASPHALT SURFACE AT 300 FT. INTERVALS ALTERNATING SIDES ON THE OUTSIDE EDGE OF 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.

ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE HOT-MIX ASPHALT SURFACE REMOVAL OR HOT-MIX ASPHALT BINDER COURSE, WHEN SPECIFIED.

RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS AGGREGATE IN AGGREGATE SHOULDERS, TYPE B.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 101.17 REGARDLESS IF TRACK MOUNTED OR WHEELED.

VIBRATORY ROLLERS WILL NOT BE ALLOWED IN THE CITY LIMITS OF AVA, IL.

FILE NAME =	USER NAME = brandenja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGHWAY STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1118846BID\INTEG.illinois.gov\PI\DOT\De	uments\DOT Offices\District 9\Projects\78479\DRAWING\CAD\Sheets\78479_sht.dgn	DRAWN -	REVISED -			686	1114.115IRS-5	JACKSON	29	4
Default	PLOT SCALE = 1/2" = 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 78479		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 12/19/2015	DATE -	REVISED -	SCALE)	SHEET	OF	SHEETS	STA.	TO STA.	

MIX DESIGNS

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s)	Hot-Mix Asphalt Surface Course, Mix D, N90
AC/PG	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	D Surface
Quality Management Program:	QCP

Location(s):	Pavement Patching
Mixture Use(s)	Hot-Mix Asphalt Binder Course, N90, IL-19.0mm
AC/PG	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0 mm
Friction Aggregate:	None
Quality Management Program:	QC/QA

Location(s):	Hot-Mix Asphalt Leveling Binder Course
Mixture Use(s)	Hot-Mix Asphalt Leveling Binder, N90, IL-9.5mm Fine Grade
AC/PG	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm Fine Grade
Friction Aggregate:	None
Quality Management Program:	QCP

Locations:	Incidental Hot-Mix Asphalt Surfacing and HMA Shoulders
Mixture Use(s)	Hot-Mix Asphalt Surface Course, Mix C, N70
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	C Surface
Quality Management Program:	QCQA- Incidental Hot-Mix Asphalt Surfacing

MTD CROSSING RESTRICTIONS TABLE

SN & CENTERLINE STATION IL 4 ROUTE (FAP 686)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	
SN 039-0068 (STA. 926+00)			PENDING
SN 039-0074 (STA. 1120+00)			PENDING
SN 039-7024 (STA. 949+00)	1.0'	1.13	PENDING
SN 039-7025 (STA. 819+80)	1.5'	1.13	PENDING
SN 039-7080 (STA. 943+10)	1.0'	1.13	PENDING

ADDITIONAL DEAD LOADS TABLE

SN & CENTERLINE STATION IL 4 ROUTE (FAP 686)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	DEAD LOAD RESTRICTIONS
	FOOT	FOOT	
SN 039-7024 (STA. 949+00)	1.0'	1.13	PENDING
SN 039-7025 (STA. 819+80)	1.5'	1.13	PENDING
SN 039-7080 (STA. 943+10)	1.0'	1.13	PENDING

SUMMARY OF QUANTITIES

COUNTY:	JACKSON
ROUTE:	IL 4 (FAP 686)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	112,338	112,338
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	110,603	110,603
40600647	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	TON	6,911	6,911
40600847	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	TON	6,911	6,911
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	922	922
40600990	TEMPORARY RAMP	SQ YD	558	558
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	13,793	13,793
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	13,793	13,793
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	297	297
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	155	155
42400800	DETECTABLE WARNINGS	SQ FT	20	20
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	154,542	154,542
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	10,457	10,457
44000600	SIDEWALK REMOVAL	SQ FT	100	100
44004250	PAVED SHOULDER REMOVAL	SQ YD	4	4
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	4,276	4,276

FILE NAME *	USER NAME * branden.j	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default		DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 78479	

14

SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON
ROUTE:	IL 4 (FAP 686)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
44200172	PAVEMENT PATCHING, TYPE III, 14 INCH	SO YD	660	660
44200174	PAVEMENT PATCHING, TYPE IV, 14 INCH	SO YD	479	479
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2,499	2,499
48203100	HOT-MIX ASPHALT SHOULDERS	TON	318	318
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	8	8
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2	2
70300100	SHORT TERM PAVEMENT MARKING	FOOT	16,985	16,985
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	179,061	179,061
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	40	40
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	65,428	65,428
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	179,061	179,061

* SPECIALTY ITEM

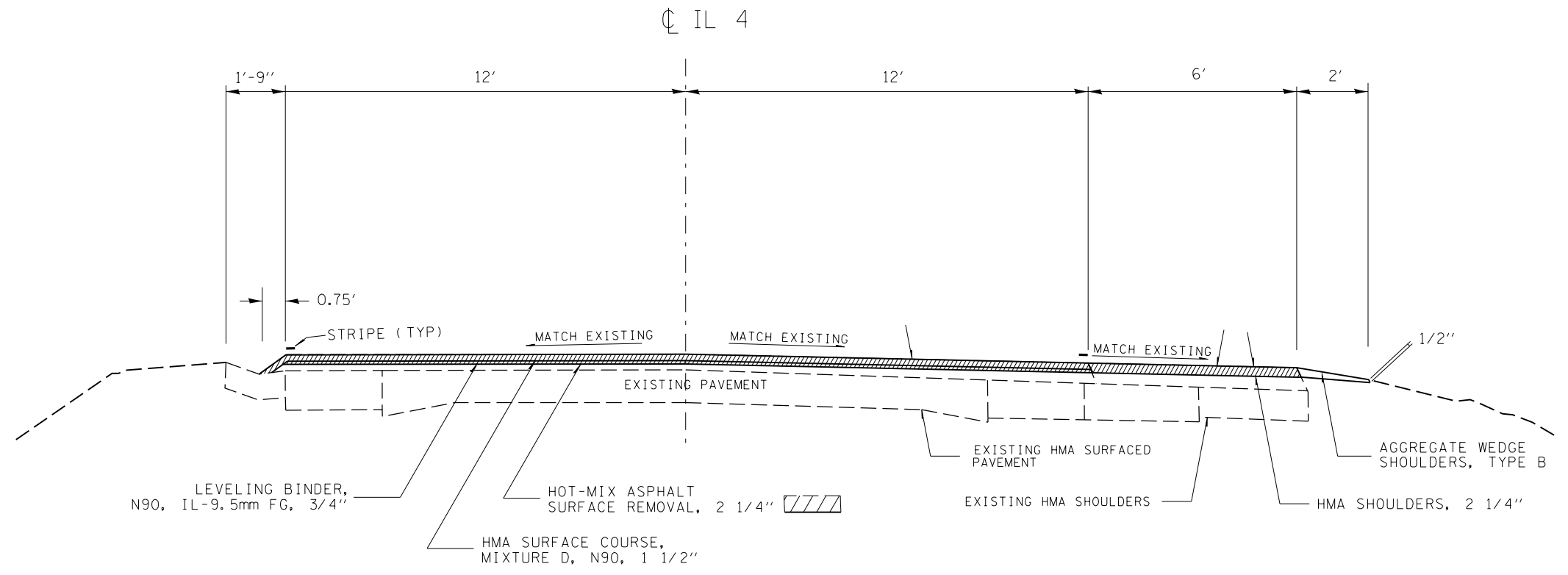
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SCALE: SHEET OF SHEETS STA. TO STA.					

SUMMARY OF QUANTITIES - CONT

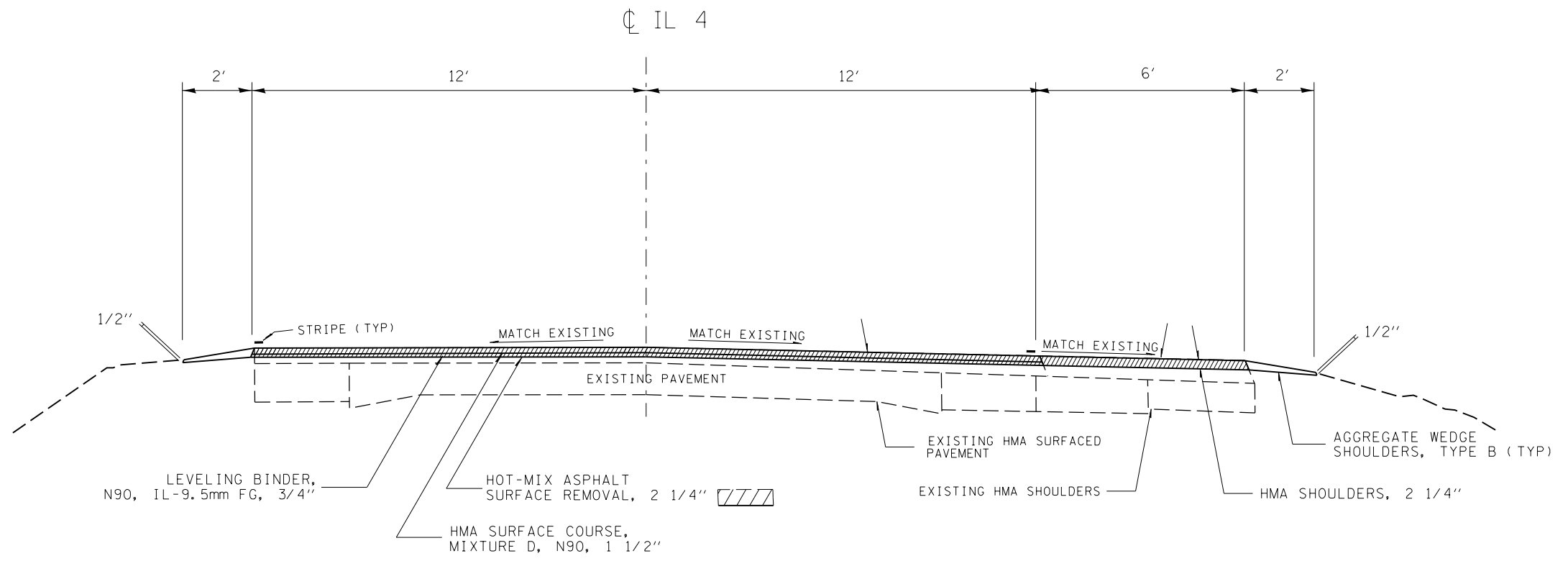
COUNTY:	JACKSON
ROUTE:	IL 4 (FAP 686)
FUNDING:	80% FEDERAL 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	40	40
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	708	708
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	708	708
□ X2503100	MOWING	UNIT	566	566
Z0034105	MATERIAL TRANSFER DEVICE	TON	20,704	20,704

- * SPECIALTY ITEM
- Non-PART. (100% STATE)



TO BE USED:
 STA 570+30 TO STA 571+06
 STA 574+03 TO STA 575+00



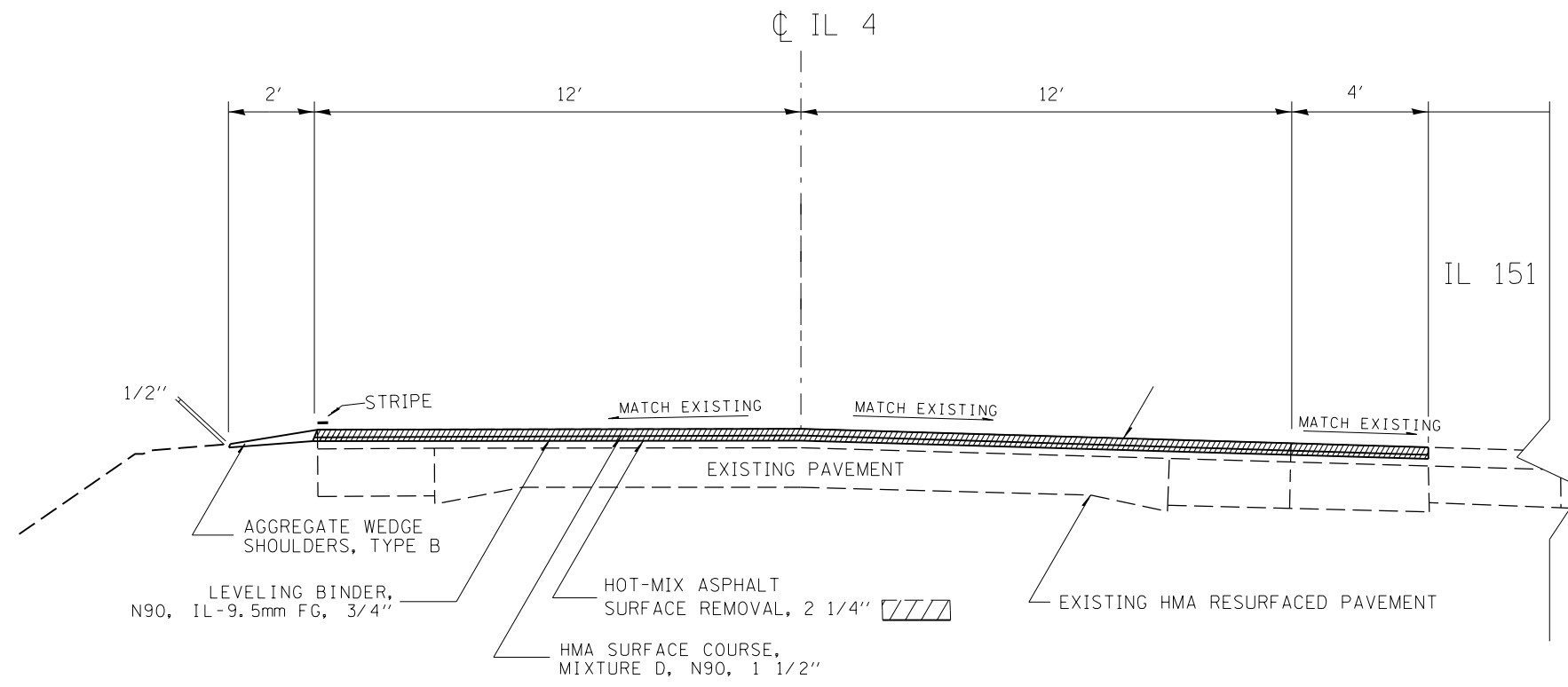
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 STA 571+06 TO STA 572+19.5

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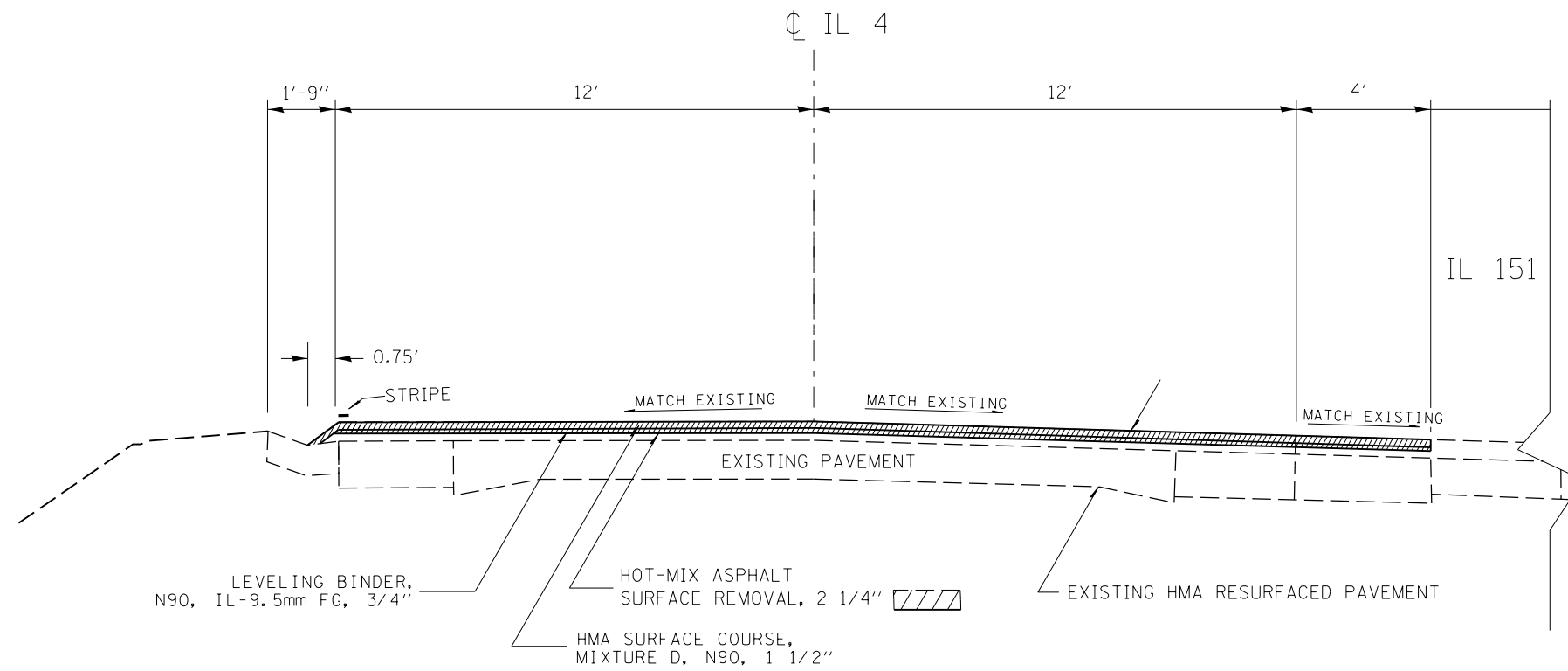
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
686	(114,115)RS-5	JACKSON	29	9
CONTRACT NO. 78479				
ILLINOIS FED. AID PROJECT				



TO BE USED:
STA 572+19.5 TO STA 573+80



TO BE USED:
STA 573+80 TO STA 574+03

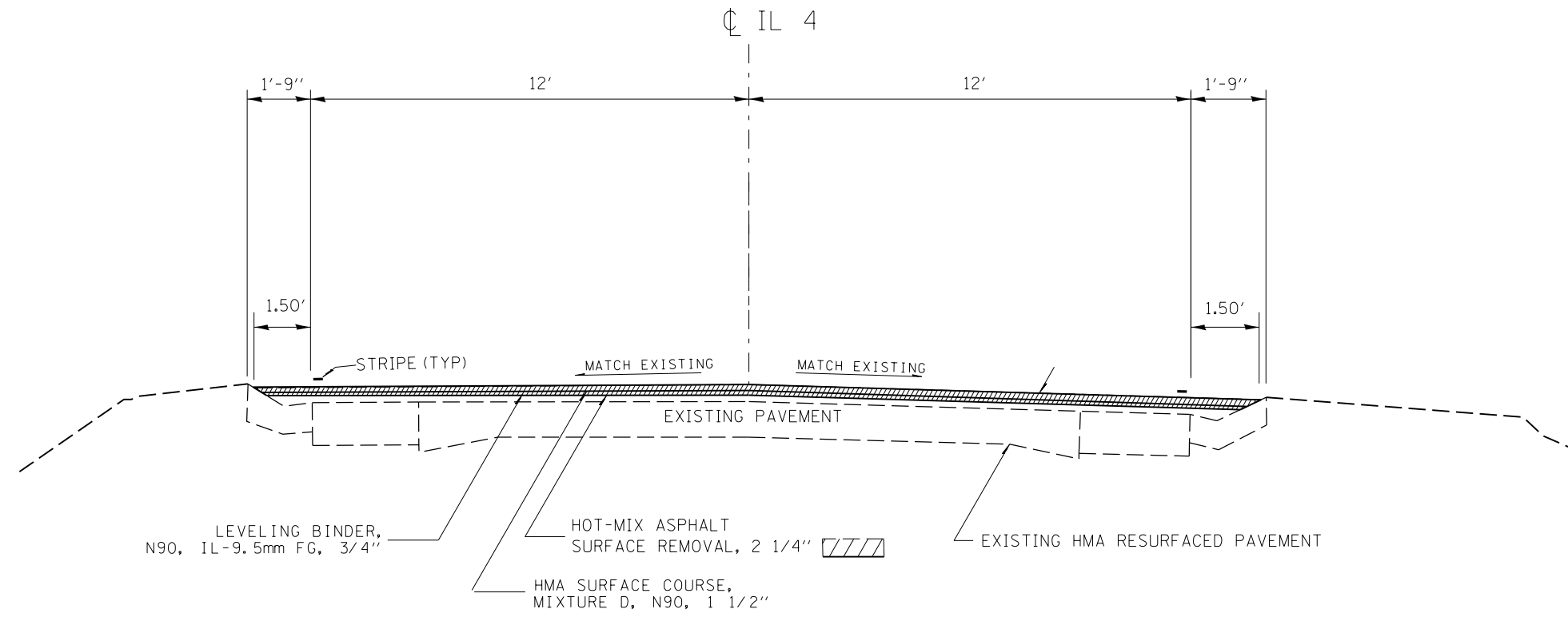
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

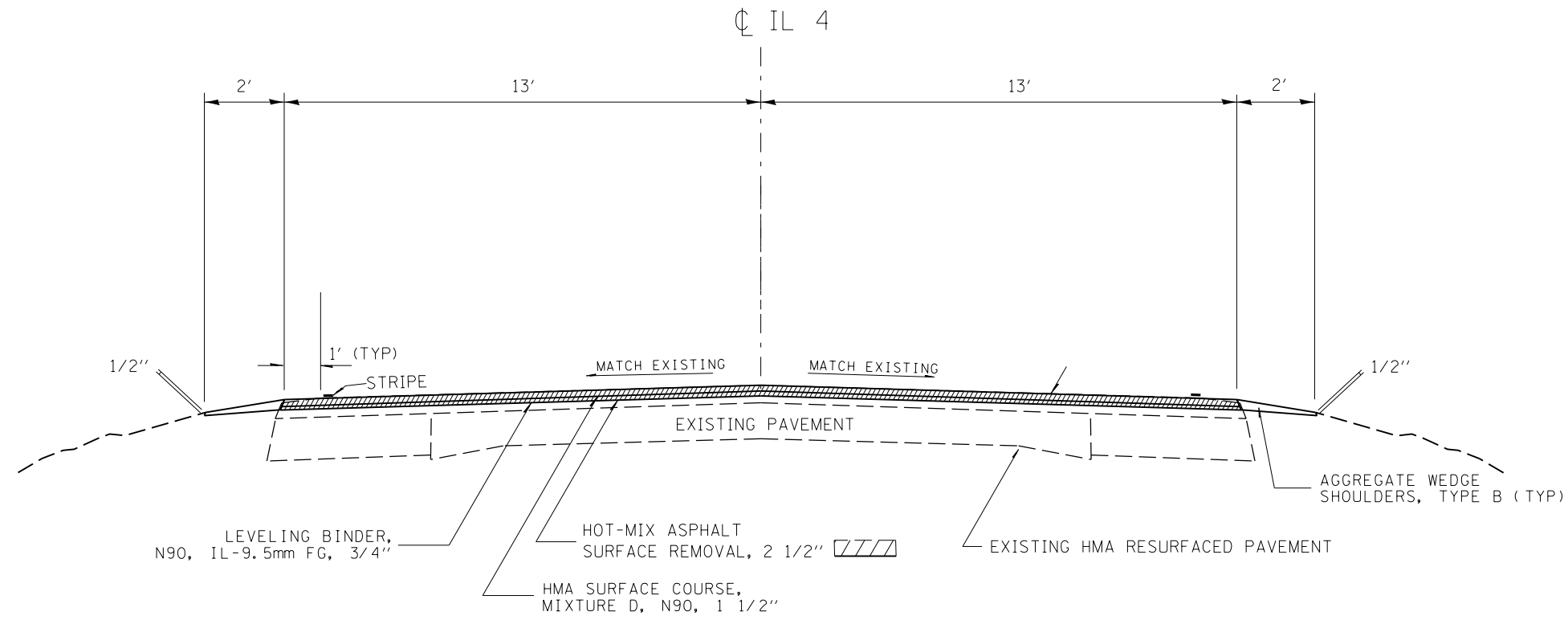
TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
686	(114,115)RS-5	JACKSON	29	10
CONTRACT NO. 78479				
ILLINOIS FED. AID PROJECT				

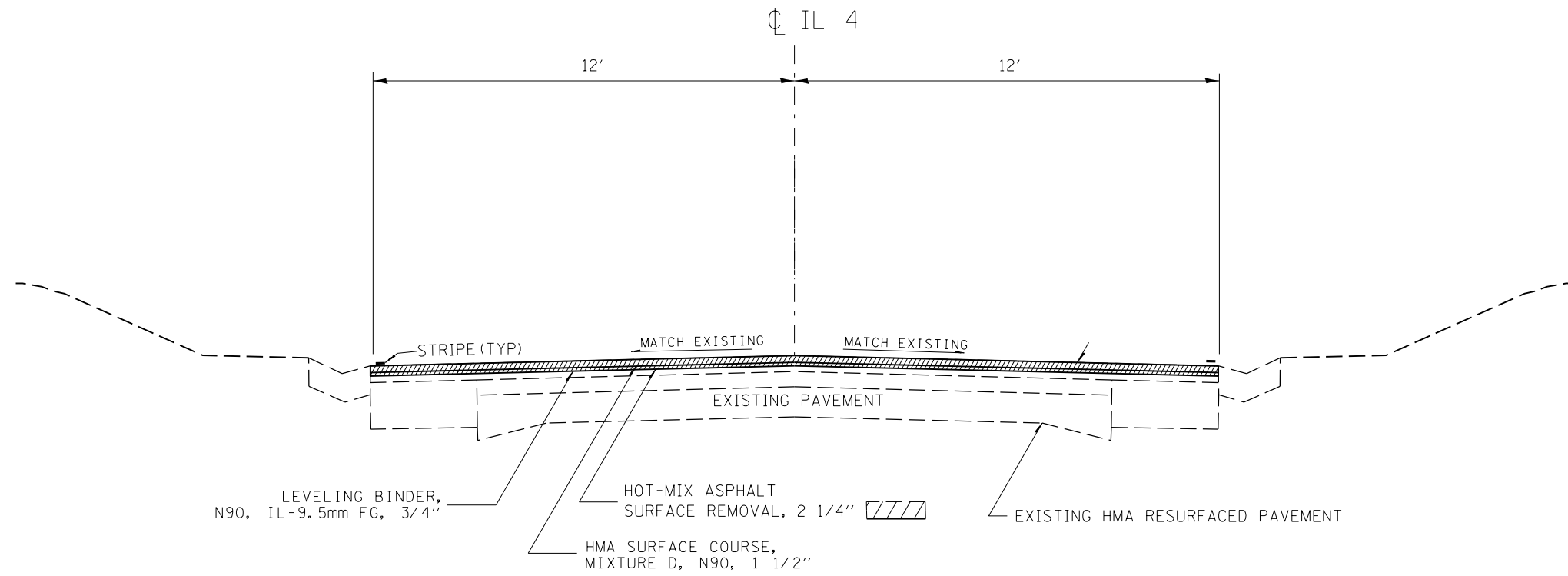


TO BE USED:
 STA 575+00 TO STA 579+75
 STA 590+32 TO STA 595+20

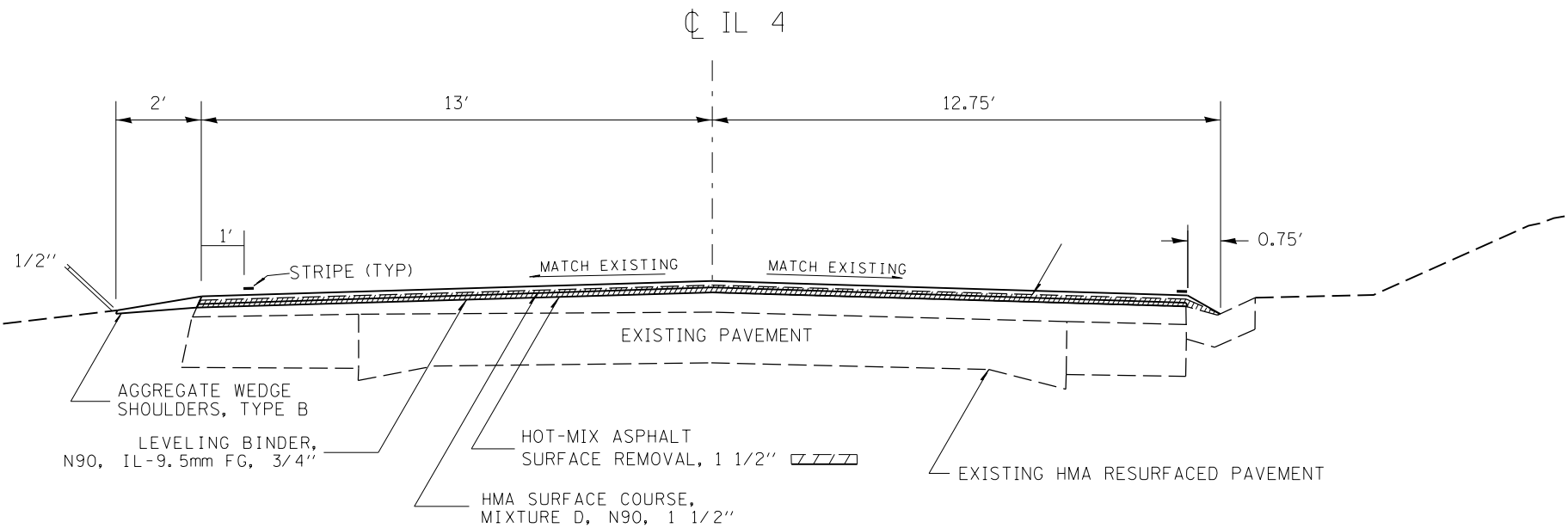


TO BE USED:
 STA 579+75 TO STA 590+32
 STA 595+20 TO STA 597+35

FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 11/2/2015	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	



TO BE USED:
STA 614+51 TO STA 622+84



HALF SECTION TO BE USED:

LT. STA 597+35 TO LT. STA 614+51	RT. STATION 597+35 TO RT. 614+51
622+84	622+84
711+15	712+50
723+40	714+15
740+80	715+10
769+50	712+50
799+15	723+40
804+20	732+10
813+05	739+15
844+00	744+80
933+00	769+75
957+00	771+75
1127+45	799+15
	800+60
	804+20
	808+50
	813+50
	836+50
	844+00
	919+50
	933+00
	952+00
	957+00
	1108+00
	1145+52

HALF SECTION TO BE USED:

LT. STA 700+50 TO LT. STA 711+15	RT. STATION 700+50 TO RT. 712+15
715+10	714+15
732+10	723+40
744+50	740+80
771+75	732+10
800+60	739+15
809+50	769+75
836+50	771+75
952+00	799+15
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	808+50
	813+50
	836+50
	844+00
	844+00
	952+00
	957+00

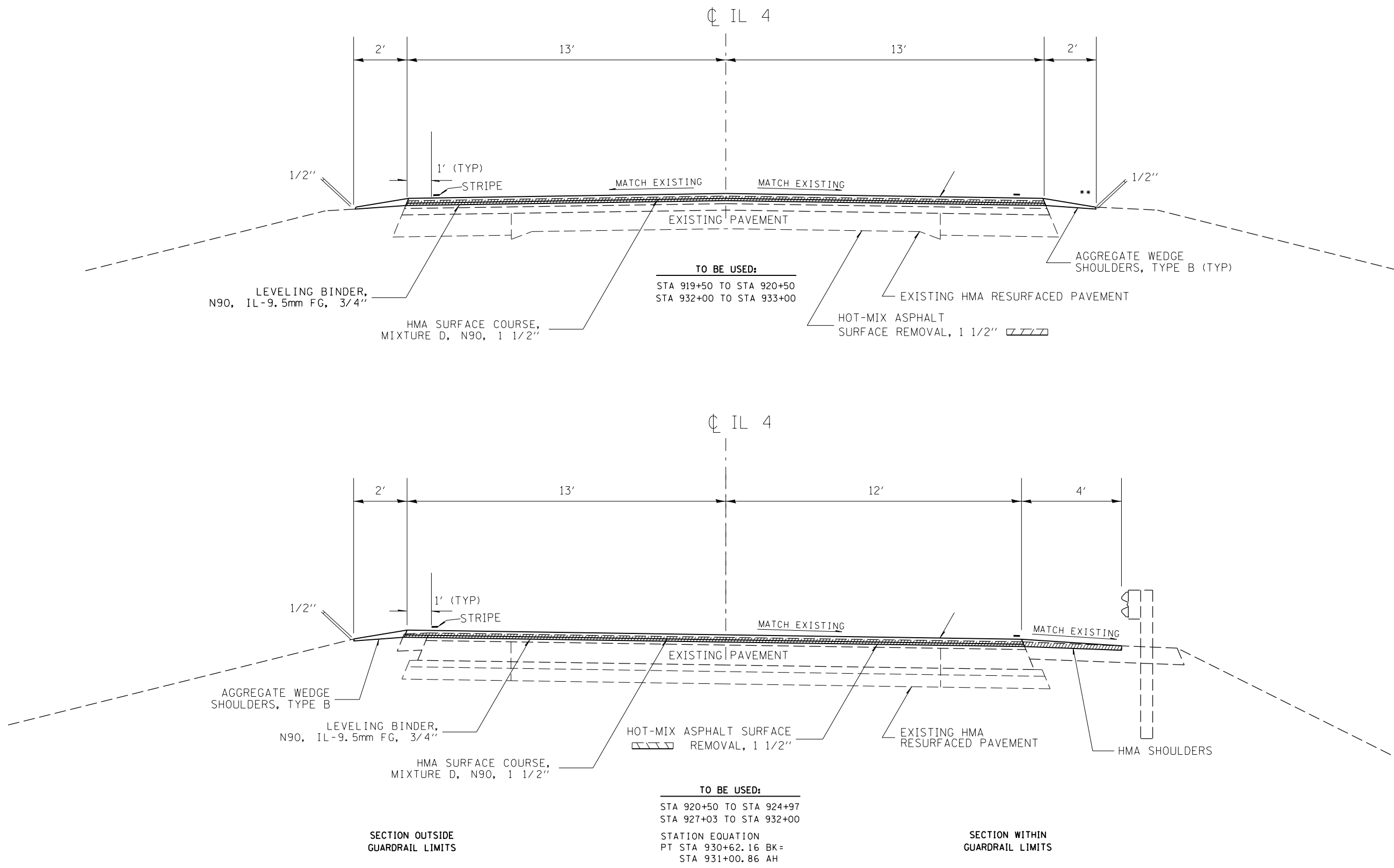
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/2/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
686	(114,115)RS-5	JACKSON	29	12
CONTRACT NO. 78479				
ILLINOIS FED. AID PROJECT				



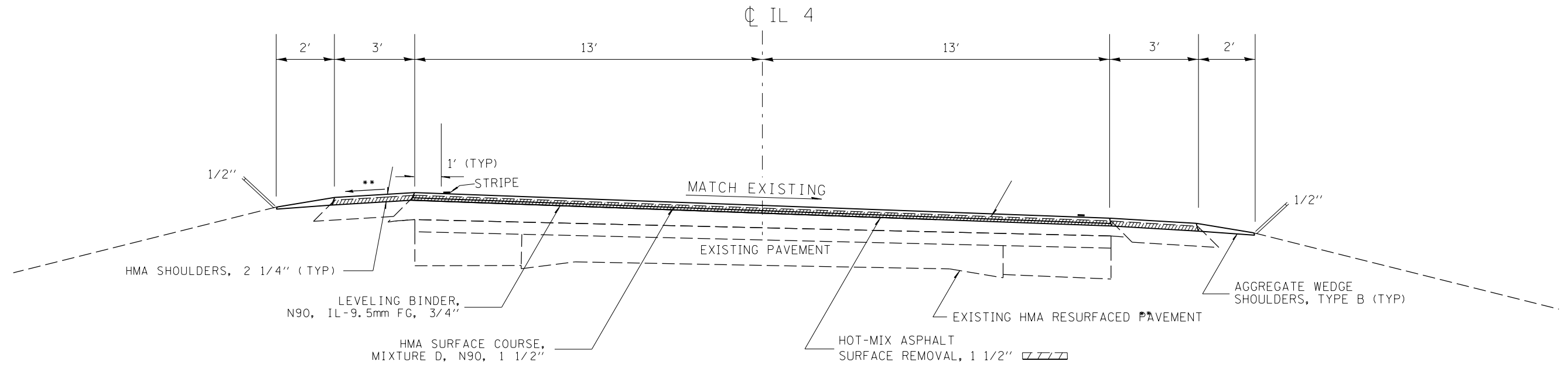
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/2/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

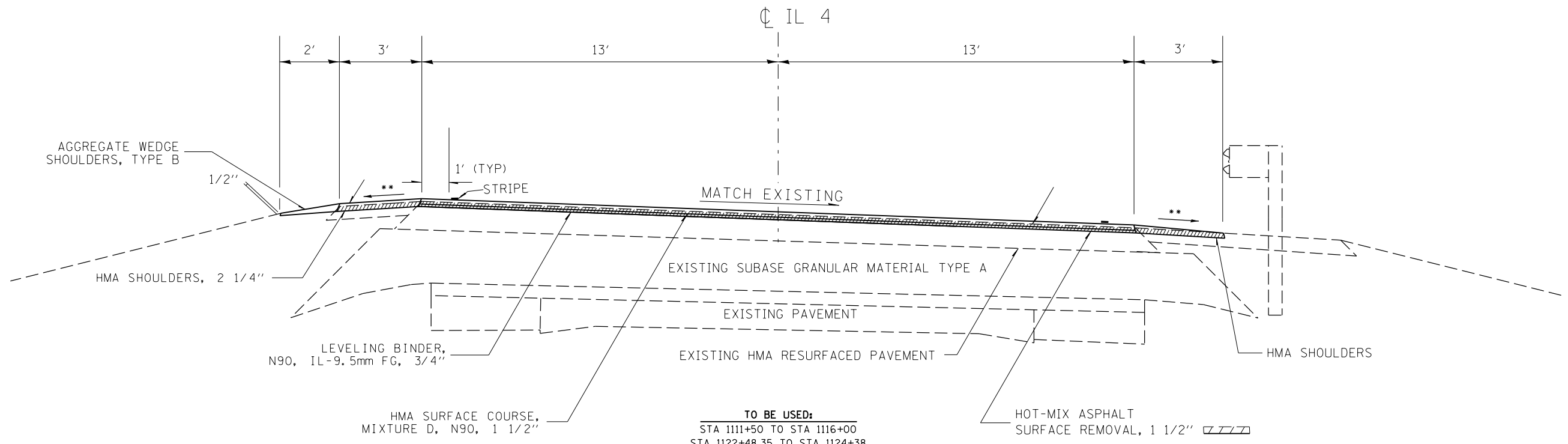
TYPICAL SECTIONS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
686	(114,115)RS-5	JACKSON	29	13
CONTRACT NO. 78479			ILLINOIS FED. AID PROJECT	



TO BE USED:
 STA 1108+00 TO STA 1111+50
 STA 1125+50 TO STA 1127+45



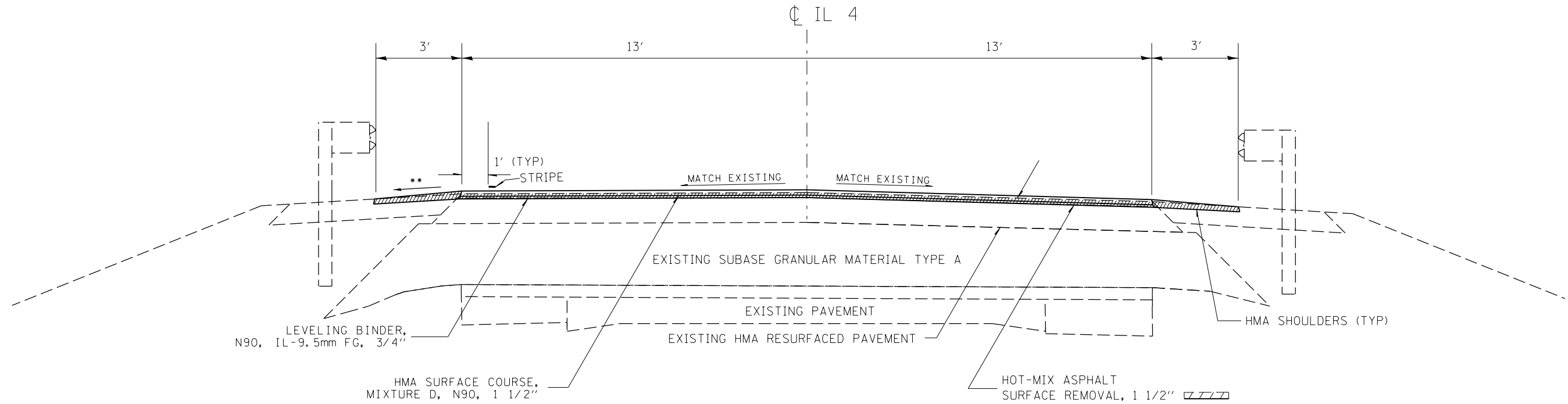
TO BE USED:
 STA 1111+50 TO STA 1116+00
 STA 1122+48.35 TO STA 1124+38

** MATCH EXISTING SLOPE

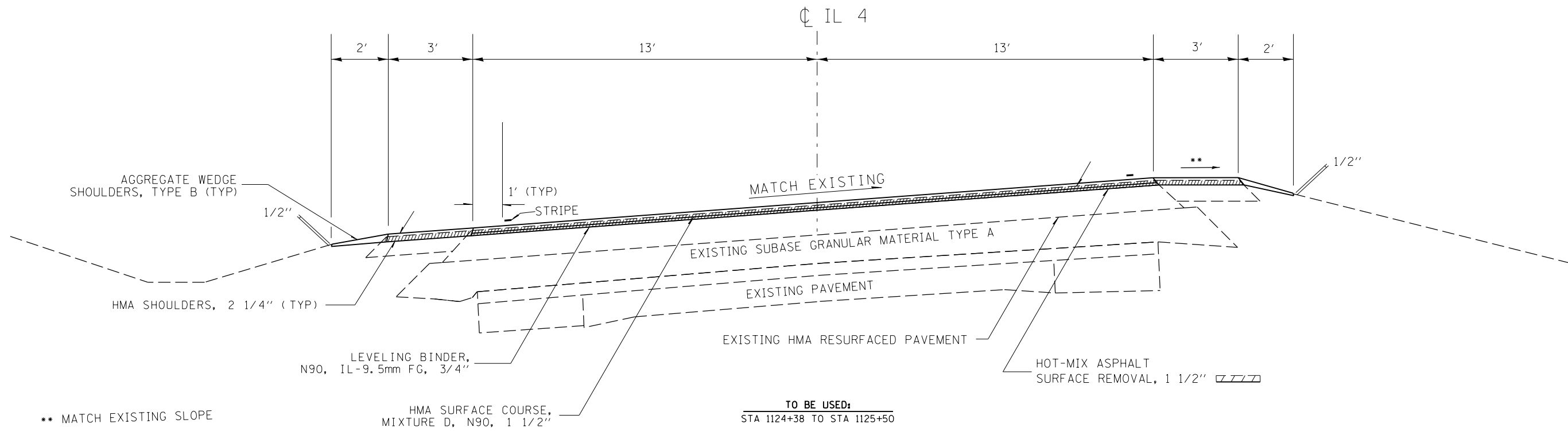
SECTION OUTSIDE
 GUARDRAIL LIMITS

SECTION WITHIN
 GUARDRAIL LIMITS

FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78479\CAD\Drawings\78479.sht.dgn		CHECKED -	REVISED -		686	(114,115)RS-5	JACKSON	29	14				
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		CONTRACT NO. 78479								
	PLOT DATE = 11/2/2015				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	



TO BE USED:
STA 1116+00 TO STA 1117+41.65



** MATCH EXISTING SLOPE

TO BE USED:
STA 1124+38 TO STA 1125+50

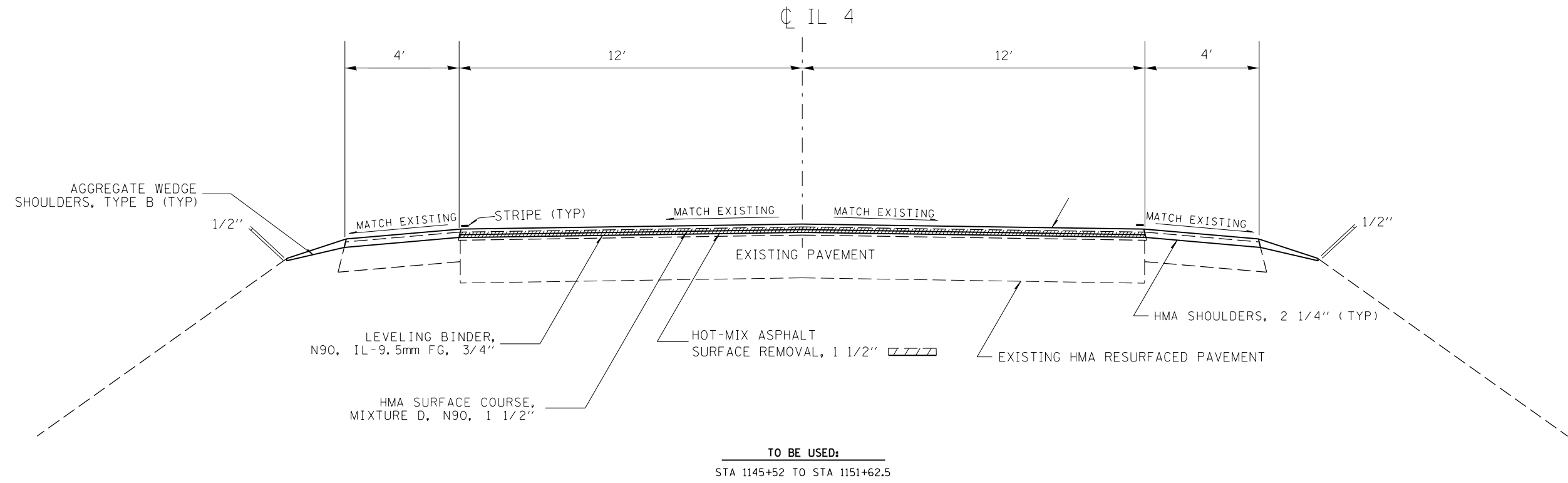
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/2/2015	DATE -	REVISED -

**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.
686	(114,115)RS-5	JACKSON	29	15
CONTRACT NO. 78479				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 11/2/2015	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.
686	(114,115)RS-5	JACKSON	29	16
CONTRACT NO. 78479			ILLINOIS FED. AID PROJECT	

PAVEMENT AND SHOULDER SCHEDULE

LOCATION			LENGTH	WIDTH	AREA	HMA SURFACE REMOVAL 1 1/2"	HMA SURFACE REMOVAL 2 1/4"	HMA SURF. REMOV. -BUTT JT.	HMA SURF CSE MIX "D", N90 1 1/2"	LEVELING BINDER, N90, IL-9.5MM FG 3/4"	BIT. MAT. PRIME COAT	HMA SHLDRS	AGG. WEDGE SHLDRS TY B	TEMPORARY RAMP
			FOOT	FOOT	SQ FT	SQ YD	SQ YD	SQ YD	TON	TON	POUND	TON	TON	SQ YD
IL 4 MP 5.87 = 570+30														
570+30.	TO	571+06.	76.0	30.8	2337.0		259.7		17.6	8.6	163.9	6.4	2.2	25.6
571+06.	TO	572+19.5	113.5	30.0	3405.0		378.3		25.6	12.8	238.4	9.5	6.5	
572+19.5	TO	573+80.	160.5	28.0	4494.0		499.3		42.0	21.0	337.1		4.6	133.8
573+80.	TO	574+03.	23.0	28.8	661.3		73.5		6.2	3.0	49.6			19.2
574+03.	TO	575+00.	97.0	30.8	2982.8		331.4		22.5	10.9	209.2	8.1	2.8	
575+00.	TO	579+75.	475.0	27.0	12825.0		1425.0		119.7	59.9	961.9			
579+75.	TO	590+32.	1057.0	26.0	27482.0		3053.6		257.7	129.2	2061.2		60.2	
590+32.	TO	595+20.	488.0	27.0	13176.0		1464.0		123.0	61.5	988.2			
595+20.	TO	597+35.	215.0	26.0	5590.0		621.1		52.4	26.3	419.3		12.2	
597+35.	TO	614+51.	1716.0	26.0	44616.0	4870.7	86.7		418.4	209.7	3346.2		97.7	
614+51.	TO	622+84.	833.0	24.0	19992.0		2221.3		186.6	93.3	1499.4			
622+84.	TO	700+50.	7766.0	26.0	201916.0	22391.8	43.3		1893.6	949.1	15143.7		442.2	
700+50.	TO	711+15.	1065.0	25.5	27157.5	3017.5			254.7	127.7	2036.8			
711+15.	TO	712+15.	100.0	25.8	2575.0	286.1			24.2	12.1	193.1		2.8	
712+15.	TO	714+15.	200.0	26.0	5200.0	577.8			48.8	24.4	390.0		11.4	
714+15.	TO	715+10.	95.0	25.8	2446.3	271.8			22.9	11.5	183.5		2.7	
715+10.	TO	723+40.	830.0	25.5	21165.0	2351.7			198.5	99.5	1587.4			
723+40.	TO	732+10.	870.0	26.0	22620.0	2513.3			212.1	106.3	1696.5		49.5	
732+10.	TO	739+15.	705.0	25.5	17977.5	1997.5			168.6	84.5	1348.3			
739+15.	TO	740+80.	165.0	25.8	4248.8	472.1			39.8	20.0	318.7		4.7	
740+80.	TO	744+50.	370.0	26.0	9620.0	1068.9			90.2	45.2	721.5		21.1	
744+50.	TO	744+80.	30.0	25.8	772.5	85.8			7.2	3.6	57.9		0.9	
744+80.	TO	769+50.	2470.0	25.5	62985.0	6998.3			590.7	296.1	4723.9			
769+50.	TO	769+75.	25.0	25.8	643.8	71.5			6.0	3.0	48.3		0.7	
769+75.	TO	771+75.	200.0	26.0	5200.0	577.8			48.8	24.4	390.0		11.4	
771+75.	TO	799+15.	2740.0	25.5	69870.0	7763.3			655.3	328.5	5240.3			
799+15.	TO	800+60.	145.0	26.0	3770.0	418.9			35.4	17.7	282.8		8.3	
800+60.	TO	804+20.	360.0	25.5	9180.0	1020.0			86.1	43.2	688.5			
804+20.	TO	808+50.	430.0	26.0	11180.0	1242.2			104.8	52.5	838.5		24.5	
808+50.	TO	809+50.	100.0	25.8	2575.0	286.1			24.2	12.1	193.1		2.8	
809+50.	TO	813+05.	355.0	25.5	9052.5	1005.8			84.9	42.6	678.9			
813+05.	TO	813+50.	45.0	25.8	1158.8	128.8			10.9	5.4	86.9		1.3	
813+50.	TO	836+50.	2300.0	26.0	59800.0	6644.4			560.8	281.1	4485.0		131.0	
836+50.	TO	844+00.	750.0	25.5	19125.0	2125.0			179.4	89.9	1434.4			
844+00.	TO	852+72.1	872.1	26.0	22674.6	2519.4			212.6	106.6	1700.6		49.7	
852+72.1 BK	=	860+358.8 AH									0.0			
860+35.8	TO	919+50.	5914.2	26.0	153769.2	17085.5			1442.1	722.8	11532.7		336.8	
TOTAL			34156.3			87792	10457	0	8275	4146	66275	24	1288	179

- CONT. PAVEMENT AND SHOULDER SCHEDULE

LOCATION			LENGTH	WIDTH	AREA	HMA SURFACE REMOVAL 1 1/2"	HMA SURFACE REMOVAL 2 1/4"	HMA SURF. REMOV. -BUTT JT.	HMA SURF CSE MIX "D", N90 1 1/2"	LEVELING BINDER, N90, IL-9.5MM FG 3/4"	BIT. MAT. PRIME COAT	HMA SHLDRS	AGG. SHLDRS TY B	TEMPORARY RAMP
			FOOT	FOOT	SQ FT	SQ YD	SQ YD	TON	TON	POUND	TON	TON	SQ YD	
919+50.	TO	920+50.	100.0	26.0	2600.0	288.9			24.4	12.2	195.0		5.7	
920+50.	TO	922+90.	240.0	26.0	6240.0	693.3			58.5	29.3	468.0		13.7	
922+90.	TO	923+80.	90.0	29.0	2610.0	290.0			21.1	10.6	186.8	4.2	2.6	
923+80.	TO	924+97.	117.0	32.0	3744.0	362.7		53.3	26.3	13.2	257.4	10.9		26.7
OMISSION - SN 039-0068														
927+03.	TO	928+20.	117.0	32.0	3744.0	362.7		53.3	26.3	13.2	257.4	10.9		26.7
928+20.	TO	929+12.	92.0	29.0	2668.0	296.4			21.6	10.8	190.9	4.3	2.6	
929+12.	TO	930+62.16	150.2	26.0	3904.2	433.8			36.6	18.4	292.8		8.6	
930+62.16 BK	=	931+00.86 AH												
931+00.86	TO	932+00.	99.1	26.0	2577.6	286.4			24.2	12.1	193.3		5.6	
932+00.	TO	933+00.	100.0	26.0	2600.0	288.9			24.4	12.2	195.0		5.7	
933+00.	TO	952+00.	1900.0	26.0	49400.0	5488.9			463.3	232.2	3705.0		108.2	
952+00.	TO	957+00.	500.0	25.5	12750.0	1416.7			119.6	59.9	956.3			
957+00.	TO	1108+00.	15100.0	26.0	392600.0	43622.2			3681.9	1845.3	29445.0		859.9	
1108+00.	TO	1111+50.	350.0	32.0	11200.0	1244.4			85.3	42.8	787.5	29.4	19.9	
1111+50.	TO	1116+00.	450.0	32.0	14400.0	1600.0			109.7	55.0	1012.5	34.7	12.8	
1116+00.	TO	1117+41.65	141.6	32.0	4532.8	450.3		53.3	34.5	17.3	318.7	9.9		26.7
OMISSION - SN 039-0074														
1122+48.35	TO	1124+38.	189.6	32.0	6068.8	621.0		53.3	46.2	23.2	426.7	86.4	6.1	26.7
1124+38.	TO	1125+50.	112.0	32.0	3584.0	398.2			27.3	13.7	252.0	9.4	6.4	
1125+50.	TO	1127+45.	195.0	32.0	6240.0	693.3			47.5	23.8	438.8	16.4	11.1	
1127+45.	TO	1145+52.	1807.0	26.0	46982.0	5220.2			440.6	220.8	3523.7		102.9	
1145+52.	TO	1150+25.3	473.3	32.0	15145.6	1682.8			106.6	53.4	1135.9	53.0	27.0	
1150+25.3	TO	1151+62.5	137.2	VARIES	9830.8	1008.8		280.8	91.8	45.9	826.1	24.9	12.6	166.7
TOTAL			22461.1			66750	0	494	5518	2765	45065	294	1211	273
PROJECT TOTALS			56617.4			154542	10457	494	13793	6911	111340	318	2499	452

SIDE ROAD SCHEDULE

LOCATION: IL 4 (FAP 686)			EXIST. SURFACE	EOP WIDTH	WIDTH AT 15' OFFSET	ROADWAY AREA	HMA SURF. REMOV. -BUTT JT.	TEMPORARY RAMP	INCIDENTAL HMA SURFACING	BIT. MAT. (PRIME COAT)		
			FOR INFORMATIONAL PURPOSE ONLY									
			TYPE	FOOT	FOOT	SQ FT	SQ YD	SQ YD	TON	POUND		
SIDE ROADS												
RT	E WASHINGTON ST	626+84	OIL & CHIP	60.0	19.0	592.5			11.4	29.6		
LT	LAGOON RD	626+84	AGGREGATE	36.0	14.0	375.0			7.0	18.8		
RT	ROSEME RD	640+50	OIL & CHIP	43.0	18.0	457.5			8.9	22.9		
LT	SUGAR HILL RD	650+17	OIL & CHIP	102.0	62.0	1230.0			24.1	61.5		
LT	KUHNERT RD	673+57	AGGREGATE	56.0	30.0	645.0			12.0	32.3		
RT	INMAN RD	694+04	HMA	58.0	25.0	622.5	69.2	13.9	7.3	31.1		
LT	MARLBORO RD	827+65	OIL & CHIP	83.0	41.0	930.0			18.1	46.5		
RT	MARLBORO RD	827+65	OIL & CHIP	67.0	28.0	712.5			13.8	35.6		
LT	CREEKPAUM RD	863+10	OIL & CHIP	72.0	45.0	877.5			17.2	43.9		
LT	LIME RD	863+10	AGGREGATE	34.0	30.0	480.0			9.0	24.0		
LT	LIME RD	878+47	AGGREGATE	58.0	37.0	712.5			13.3	35.6		
LT	N MUDLINE RD	891+56	CONCRETE	150.0	75.0	1687.5	187.5	41.7	19.7	84.4		
RT	BLUEBERRY LN	924+38	AGGREGATE	43.0	22.0	487.5			9.1	24.4		
RT	WHEELER RD	973+22	HMA	115.0	90.0	1537.5	170.8	50.0	17.9	76.9		
LT	MAIN RD	993+87	AGGREGATE	32.0	15.0	352.5			6.6	17.6		
RT	MAIN RD	993+87	OIL & CHIP	47.0	22.0	517.5			10.1	25.9		
RT	SAUPE RD	1042+65	OIL & CHIP	46.0	23.0	517.5			10.1	25.9		
LT	WISELY RD	1043+41	AGGREGATE	24.0	18.0	315.0			5.9	15.8		
RT	WRIGHT RD	1082+82	OIL & CHIP	56.0	28.0	630.0			12.3	31.5		
PROJECT TOTALS												
							428	106	234	684		

ENTRANCE SCHEDULE

LOCATION: IL 4 (FAP 686)	ENTRANCE TYPE	EXIST. SURFACE	EOP WIDTH	WIDTH AT 4' OFFSET	ROADWAY AREA	INCIDENTAL HMA SURFACING	BIT. MAT. (PRIME COAT)
		FOR INFORMATIONAL PURPOSE ONLY					
		TYPE	FOOT	FOOT	SQ FT	TON	POUND
ENTRANCES							
574+62 RT	PRIVATE ENT.	AGG.	48	44	184.0	1.7	9.2
607+43 LT	FIELD ENT.	DIRT	38	31	***		
613+25 RT	PRIVATE ENT.	AGG.	43	41	168.0	1.6	8.4
639+08 RT	PRIVATE ENT.	AGG.	43	41	168.0	1.6	8.4
673+57 RT	FIELD ENT.	AGG.	43	30	146.0	1.4	7.3
698+15 LT	PRIVATE ENT.	AGG.	25	20	90.0	0.8	4.5
699+22 LT	PRIVATE ENT.	AGG.	36	26	124.0	1.2	6.2
700+98 RT	PRIVATE ENT.	AGG.	25	20	90.0	0.8	4.5
700+98 LT	PRIVATE ENT.	AGG.	44	35	158.0	1.5	7.9
708+51 LT	PRIVATE ENT.	AGG.	35	30	130.0	1.2	6.5
713+46 LT	FIELD ENT.	AGG.	38	31	138.0	1.3	6.9
747+90 LT	PRIVATE ENT.	AGG.	38	28	132.0	1.2	6.6
783+15 RT	PRIVATE ENT.	AGG.	38	32	140.0	1.3	7.0
804+49 RT	PRIVATE ENT.	AGG.	38	32	140.0	1.3	7.0
804+96 LT	PRIVATE ENT.	AGG.	38	30	136.0	1.3	6.8
805+54 RT	PRIVATE ENT.	AGG.	38	32	140.0	1.3	7.0
808+24 LT	PRIVATE ENT.	AGG.	38	28	132.0	1.2	6.6
818+81LT	PRIVATE ENT.	AGG.	32	28	120.0	1.1	6.0
820+96 LT	PRIVATE ENT.	AGG.	30	20	100.0	0.9	5.0
901+61 LT	COMMERCIAL ENT.	HMA	48	35	166.0	0.6	8.3
908+97 LT	FIELD ENT.	AGG.	30	20	100.0	0.9	5.0
919+09 LT	PRIVATE ENT.	AGG.	25	17	84.0	0.8	4.2
952+49 LT	PRIVATE ENT.	HMA	40	36	152.0	0.6	7.6
966+25 LT	PRIVATE ENT.	AGG.	22	13	70.0	0.7	3.5
966+49 RT	PRIVATE ENT.	AGG.	38	32	140.0	1.3	7.0
968+44 LT	PRIVATE ENT.	AGG.	30	20	100.0	0.9	5.0
973+40 RT	PRIVATE ENT.	AGG.	30	28	116.0	1.1	5.8
974+80 LT	PRIVATE ENT.	CONC.	54	50	208.0	0.8	10.4
974+80 RT	COMMERCIAL ENT.	HMA	88	60	296.0	1.2	14.8
975+45 RT	PRIVATE ENT.	HMA	32	29	122.0	0.5	6.1
978+46 RT	PRIVATE ENT.	HMA	30	25	110.0	0.4	5.5
995+96 LT	PRIVATE ENT.	AGG.	24	20	88.0	0.8	4.4
1005+43 LT	FIELD ENT.	DIRT			***		
1010+56 LT	PRIVATE ENT.	AGG.	50	48	196.0	1.8	9.8
1049+69 LT	PRIVATE ENT.	AGG.	32	26	116.0	1.1	5.8
1056+64 LT	PRIVATE ENT.	AGG.	30	26	112.0	1.0	5.6
1063+40 LT	PRIVATE ENT.	AGG.	30	26	112.0	1.0	5.6
1064+62 LT	PRIVATE ENT.	AGG.	36	26	124.0	1.2	6.2
1064+86 RT	PRIVATE ENT.	AGG.	42	33	150.0	1.4	7.5
1077+69 LT	FIELD ENT.	AGG.	26	23	98.0	0.9	4.9
1078+86 LT	PRIVATE ENT.	AGG.	32	26	116.0	1.1	5.8
1079+06 LT	PRIVATE ENT.	AGG.	42	33	150.0	1.4	7.5
1080+62 LT	PRIVATE ENT.	AGG.	26	24	100.0	0.9	5.0
1083+47 LT	PRIVATE ENT.	AGG.	31	27	116.0	1.1	5.8
1103+06 RT	FIELD ENT.	HMA	54	40	188.0	0.7	
1111+27 LT	PRIVATE ENT.	AGG.	52	42	188.0	1.8	9.4
1111+27 RT	PRIVATE ENT.	AGG.	40	35	150.0	1.4	7.5
1112+92 RT	PRIVATE ENT.	AGG.	40	35	150.0	1.4	7.5
1123+29 LT	PRIVATE ENT.	AGG.	42	38	160.0	1.5	8.0
1124+03 RT	PRIVATE ENT.	AGG.	50	40	180.0	1.7	9.0
1127+49 RT	COMMERCIAL ENT.	AGG.	80	70	300.0	2.8	15.0
1130+07 RT	COMMERCIAL ENT.	AGG.	102	98	400.0	3.7	20.0
1137+18 RT	PRIVATE ENT.	AGG.	47	43	180.0	1.7	9.0
PROJECT TOTALS						63	364

PAVEMENT MARKING SCHEDULE

LOCATION			PAINT PAVEMENT MARKING						TEMPORARY PAVEMENT MKARKING						SHORT-TERM PAVEMENT MARKING (*)	WORK ZONE PAVEMENT MARKING REMOVAL SQ FT
			LINE 4"			DOUBLE LINE 4"	LINE 24"	LINE 4"			DOUBLE LINE 4"	LINE 24"				
			WHITE	YELLOW			WHITE	WHITE	YELLOW			WHITE				
			SOLID	SKIP-DA SH	SOLID LT/RT	SOLID	SOLID	SOLID	SKIP-DA SH	SOLID LT/RT	SOLID	SOLID				
IL 4 (FAP 686)			FOOT	FOOT	FOOT		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT		
570+30	TO	577+33	1406				1406		1406				1406		211	1007.6
577+33	TO	584+22	1377	172	689	LT			1377	172	689	LT			207	814.7
584+22	TO	585+87	331				331		331				331		50	237.2
585+87	TO	590+73	972	122	486	RT			972	122	486	RT			146	575.1
590+73	TO	602+65	2384				2384		2384				2384		358	1708.5
602+65	TO	611+86	1842	230	921	LT			1842	230	921	LT			276	1089.9
611+86	TO	612+73	174				174		174				174		26	124.7
612+73	TO	621+50	1754	219	877	RT			1754	219	877	RT			263	1037.8
621+50	TO	623+00	300	38					300	38					45	127.5
623+00	TO	632+10	1820	228	910	LT			1820	228	910	LT			273	1076.8
632+10	TO	632+50	80				80		80				80		12	57.3
632+50	TO	642+00	1900	238	950	RT			1900	238	950	RT			285	1124.2
642+00	TO	648+90	1380				1380		1380				1380		207	989.0
648+90	TO	660+00	2220	278	1110	LT			2220	278	1110	LT			333	1313.5
660+00	TO	676+50	3300	413					3300	413					495	1402.5
676+50	TO	688+00	2300	288	1150	RT			2300	288	1150	RT			345	1360.8
688+00	TO	700+90	2580				2580		2580				2580		387	1849.0
700+90	TO	711+95.	2210	276	1105	LT			2210	276	1105	LT			332	1307.6
711+95.	TO	713+00.	210	26					210	26					32	89.3
713+00.	TO	723+00.	2000	250	1000	RT			2000	250	1000	RT			300	1183.3
723+00	TO	808+80.	17160				17160		17160				17160		2,574	12298.0
808+80	TO	818+30.	1900	238	950	LT			1900	238	950	LT			285	1124.2
818+30	TO	834+50.	3240	405					3240	405					486	1377.0
834+50	TO	845+00	2100	263	1050	RT			2100	263	1050	RT			315	1242.5
845+00	TO	846+20	240				240		240				240		36	172.0
846+20	TO	852+72.1	1304	163	652	LT			1304	163	652	LT			196	771.7
852+72.1 BK	=	860+38.8 AH														
860+38.8	TO	864+85	892	112	446	LT			892	112	446	LT			134	528.0
864+85	TO	896+60	6350	794					6350	794					953	2698.8
896+60	TO	907+60	2200	275	1100	RT			2200	275	1100	RT			330	1301.7
907+60	TO	924+97	3474				3474		3474				3474		521	2489.7
OMMISSION - SN 039-0068																
927+03	TO	930+62.16	718	90	359	LT			718	90	359	LT			108	425.0
930+62.16 BK	=	931+00.86 AH														
931+00.86	TO	938+20	1438	180	719	LT			1438	180	719	LT			216	851.0
TOTAL			71557	5294	14474		29209	0	71557	5294	14474		29209	0	10734	43756

• ONE APPLICATION EACH FOR HMA SURFACE REMOVAL, BINDER, AND SURFACE COURSE

- CONT. PAVEMENT MARKING SCHEDULE

LOCATION	PAINT PAVEMENT MARKING							TEMPORARY PAVEMENT MARKING					SHORT-TERM PAVEMENT MARKING (*)	WORK ZONE PAVEMENT MARKING REMOVAL SQ FT		
	LINE 4"				DOUBLE LINE 4"	LINE 24"		LINE 4"			DOUBLE LINE 4"	LINE 24"				
	WHITE	YELLOW			WHITE	WHITE	YELLOW			WHITE						
	SOLID	SKIP-DA SH	SOLID LT/RT	SOLID	SOLID	SOLID	SKIP-DA SH	SOLID LT/RT	SOLID	SOLID						
IL 4 (FAP 686)												FOOT	SQ FT			
938+20	TO	947+80.	1920	240					1920	240				288	816.0	
947+80	TO	955+90.	1620	203	810	RT			1620	203	810	RT		243	958.5	
955+90	TO	959+00.	620	78					620	78				93	263.5	
959+00	TO	964+00.	1000	125	500	LT			1000	125	500	LT		150	591.7	
964+00	TO	966+80.	560				560		560				560	84	401.3	
966+80	TO	974+00.	1440	180	720	RT			1440	180	720	RT		216	852.0	
974+00	TO	983+62.	1924				1924		1924				1924	289	1378.9	
983+62.	TO	994+30.	2136	267	1068	LT			2136	267	1068	LT		320	1263.8	
994+30.	TO	1080+32.	17204	2151					17204	2151				2,581	7311.7	
1080+32.	TO	1088+00.	1536	192	768	RT			1536	192	768	RT		230	908.8	
1088+00.	TO	1092+00.	800	100					800	100				120	340.0	
1092+00.	TO	1098+95.	1390	174	695	LT			1390	174	695	LT		209	822.4	
1098+95.	TO	1103+50.	910	114					910	114				137	386.8	
1103+50.	TO	1114+40.	2180	273	1090	RT			2180	273	1090	RT		327	1289.8	
1114+40.	TO	1117+41.65	603				603		603				603	90	432.4	
OMMISSION - SN 039-0074																
1122+48.35	TO	1134+90.	2483				2483		2483				2483	372	1779.7	
1134+90.	TO	1146+10.	2240	280	1120	LT			2240	280	1120	LT		336	1325.3	
1146+10.	TO	1151+62.5	1105	138					1105	138				166	469.6	
Sta. 1151+49 Offset Lt 6'								20					20		40.0	
Sta. 1151+42.5 Offset Lt 36'								20					20		40.0	
TOTAL			41672	4513	6771		5571	40	41672	4513	6771		5571	40	6251	21672
PROJECT TOTALS			179061				40	179061				40	16,985	65,428		

• ONE APPLICATION EACH FOR HMA SURFACE REMOVAL, BINDER, AND SURFACE COURSE

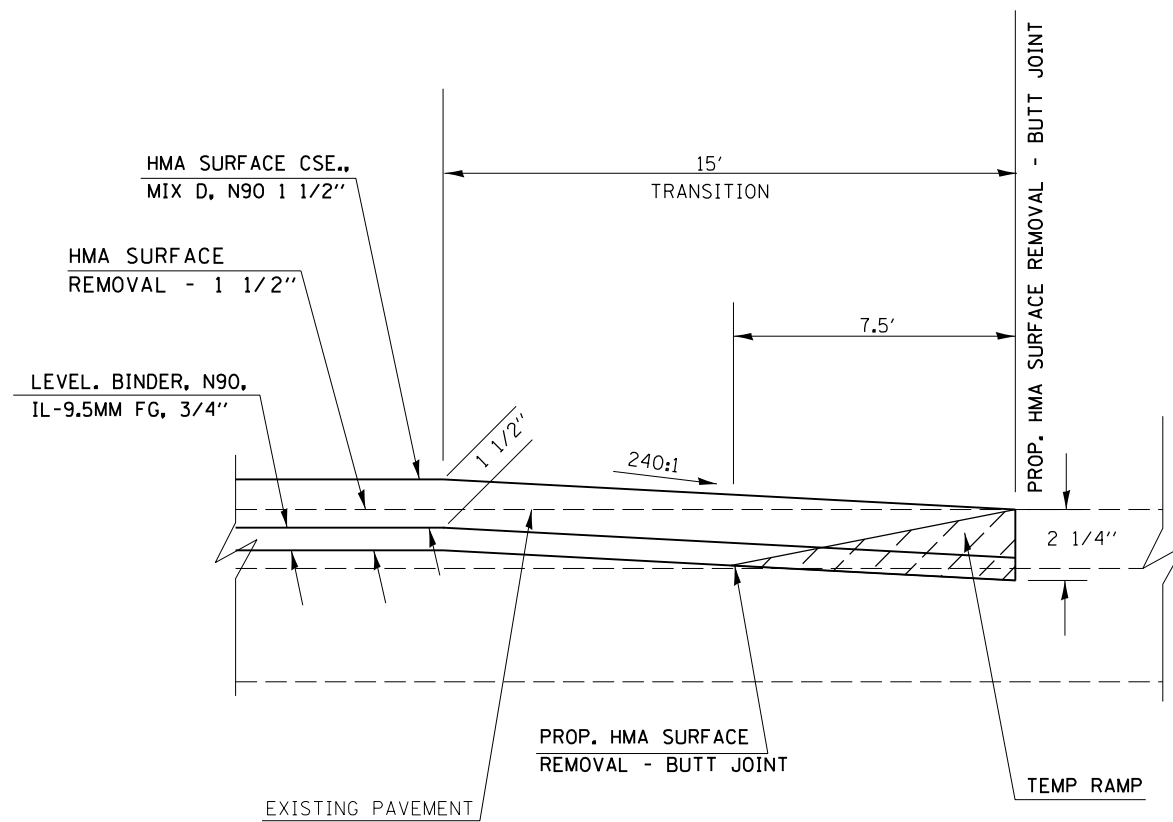
RPM'S SCHEDULE

LOCATION			RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
IL 4 (FAP 686)			EACH	EACH
570+30	TO	852+72.1	353	353
852+72.1 BK	=	860+35.8 AH		
860+35.8	TO	924+97.	81	81
OMMISSION - SN 039-0068				
927+03.	TO	930+62.16	4	4
930+62.16 BK	=	931+00.86 AH		
931+00.86	TO	1117+41.65	233	233
OMMISSION - SN 039-0074				
1122+48.35	TO	1151+62.5	36	36
PROJECT TOTALS			708	708

ADA RAMPS SCHEDULE

LOCATION	DETECTABLE WARNING	PAVED SHOULDER REMOVAL	SIDEWALK REMOVAL	PC CONC SIDEWALK 4"	COMMENTS
	SQ FT	SQ YD	SQ FT	SQ FT	
IL 4					
HOWARD ST					
NE QUAD	10	4	28	65	STD 424026
MILLER ST					
NE QUAD	10		72	90	STD 424026
TOTAL	20	4	100	155	

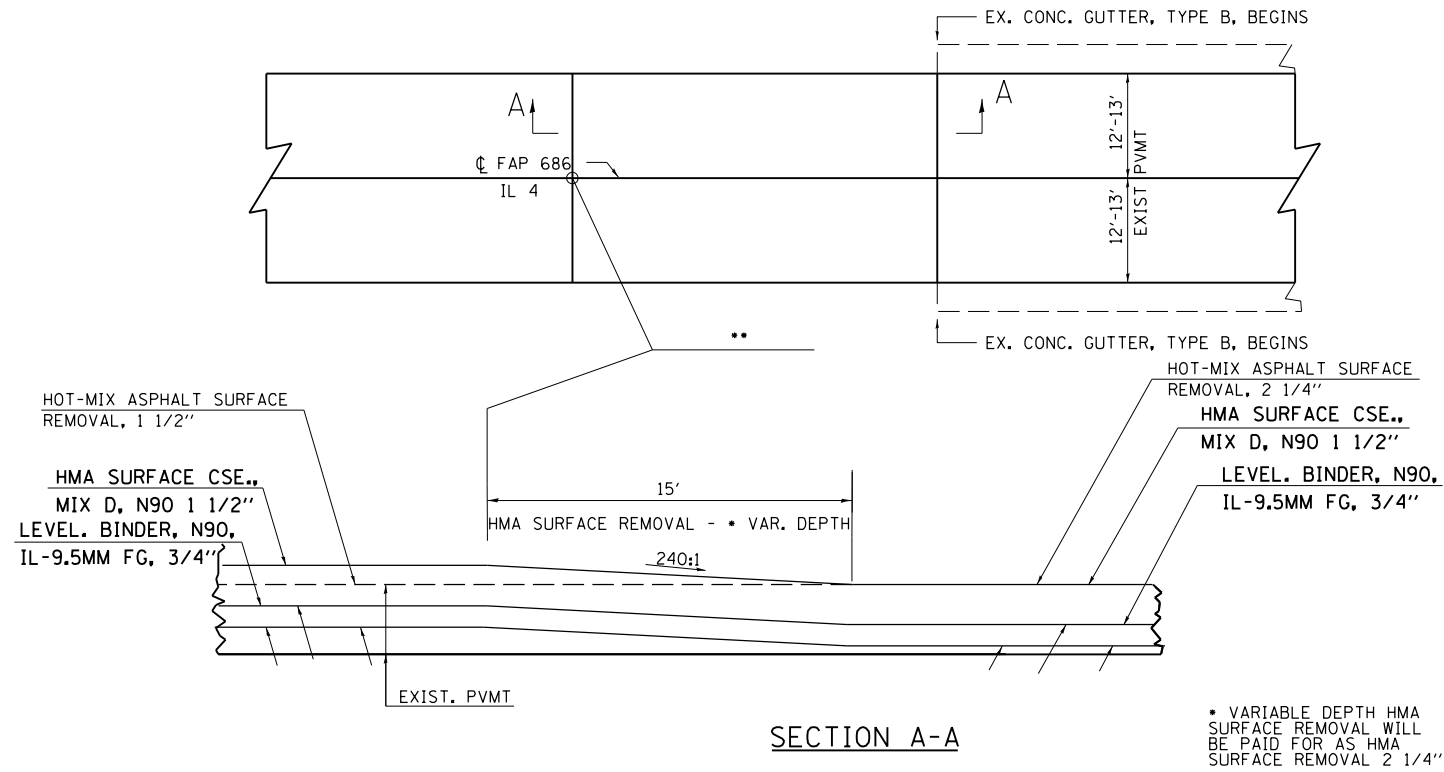
DETAIL: HMA SURFACE REMOVAL - BUTT JOINT



TO BE USED:
 STA. 924+82 TO STA. 924+97
 STA. 927+03 TO STA. 927+18
 STA. 1117+26.65 TO STA. 1117+41.65
 STA. 1122+48.35 TO STA. 1122+63.35
 STA. 1151+47.5 TO STA. 1151+62.5

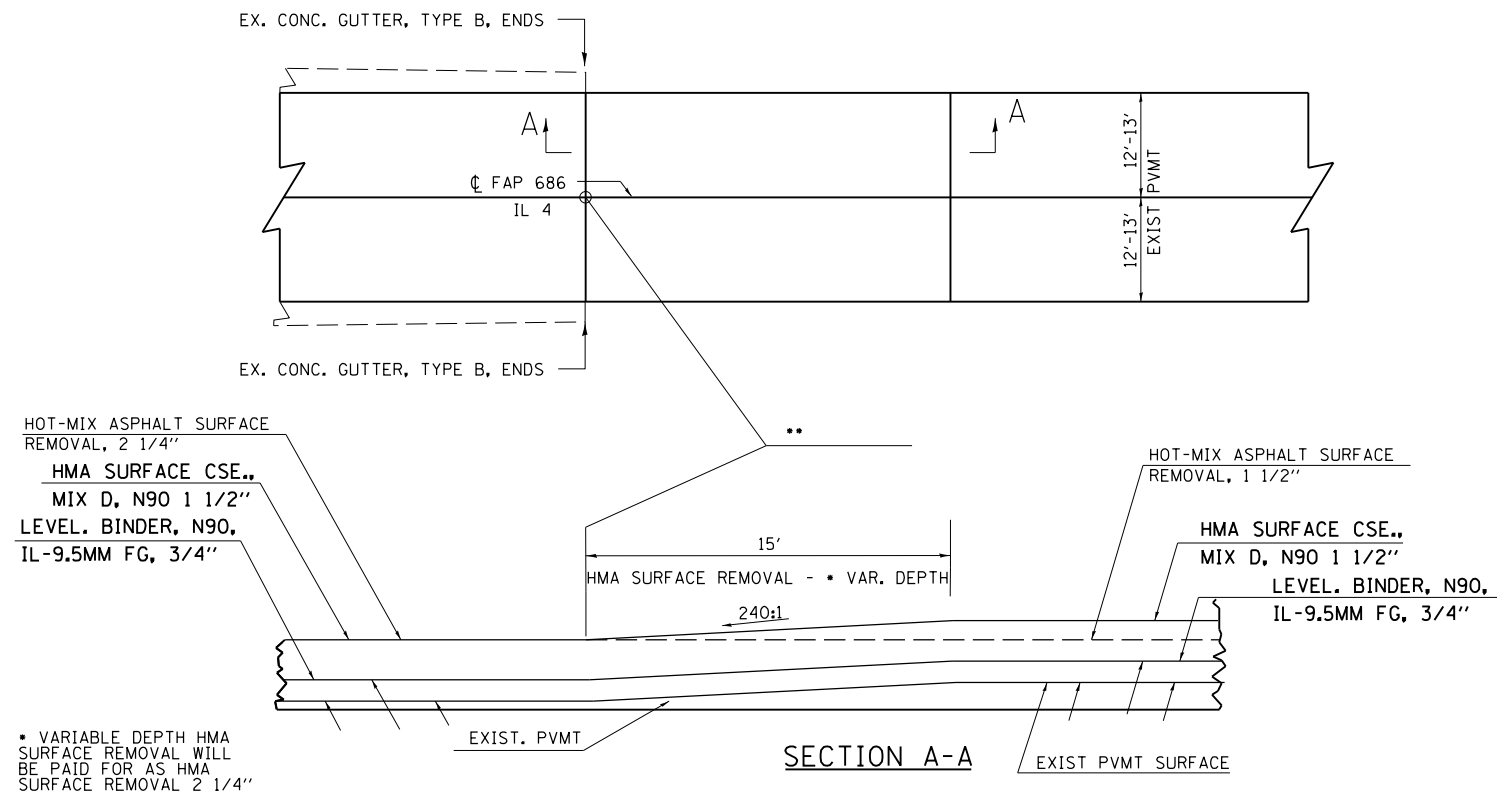
FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL: HMA SURFACE REMOVAL - BUTT JOINT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78479\CAD\Drawings\78479.sht.dgn	DRWING	CHECKED -	REVISED -					686	(114,115)RS-5	JACKSON	29	24
Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 78479				
	PLOT DATE = 11/2/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

PAVEMENT TRANSITION DETAIL



TO BE USED:
STA. 614+36 TO STA. 614+51

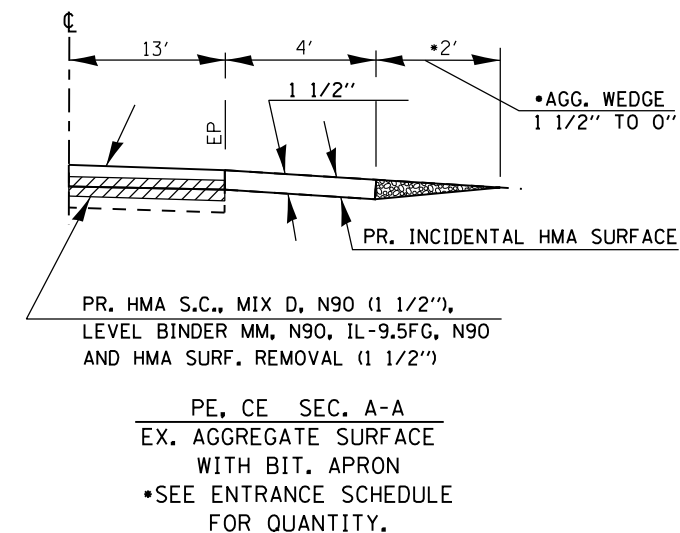
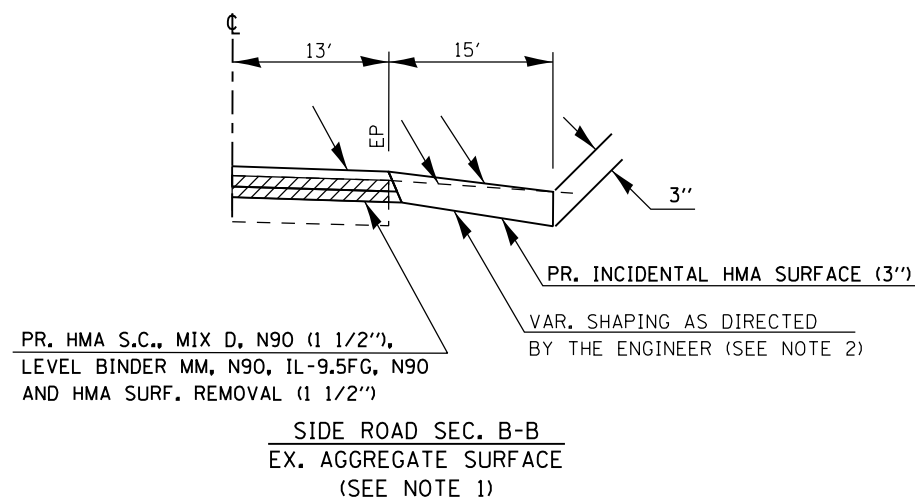
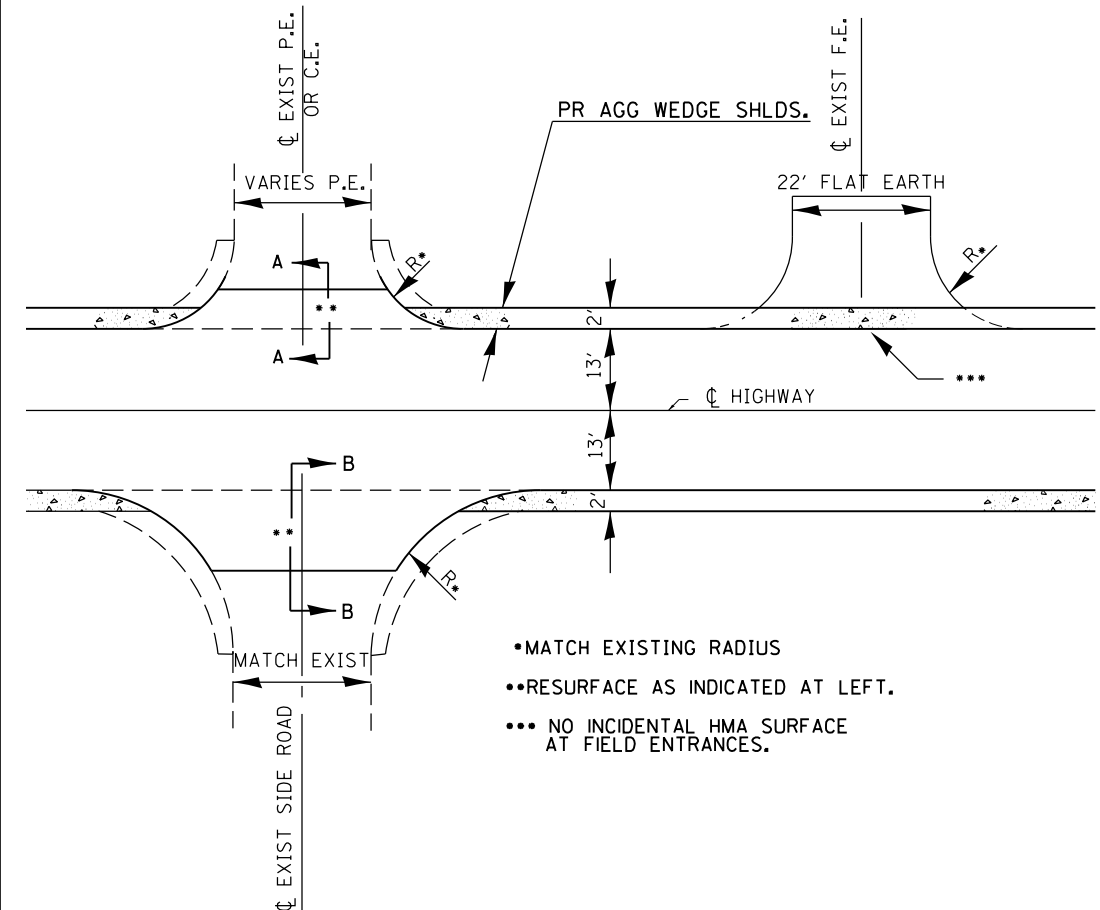
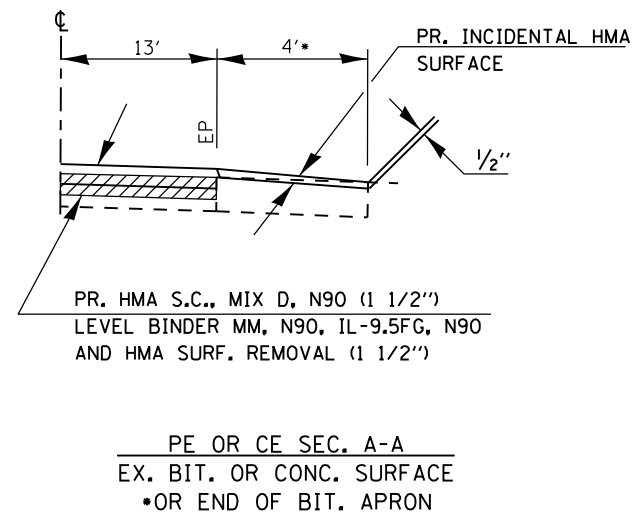
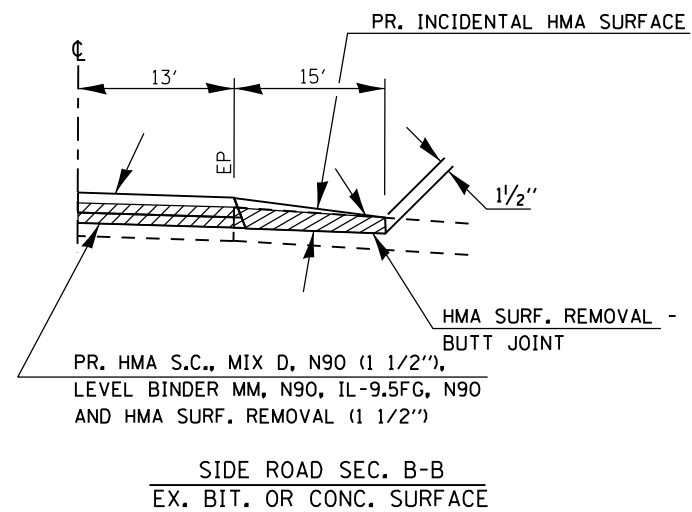
PAVEMENT TRANSITION DETAIL



TO BE USED:
STA. 597+35 TO STA. 597+50
STA. 622+84 TO STA. 622+99

FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL: PAVEMENT TRANSITION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78479\CAD\Drawings\78479.sht.dgn						686	(114,115)RS-5	JACKSON	29	25	
PLOT SCALE = 100.0000' / in.						CONTRACT NO. 78479					
PLOT DATE = 11/2/2015						ILLINOIS FED. AID PROJECT					

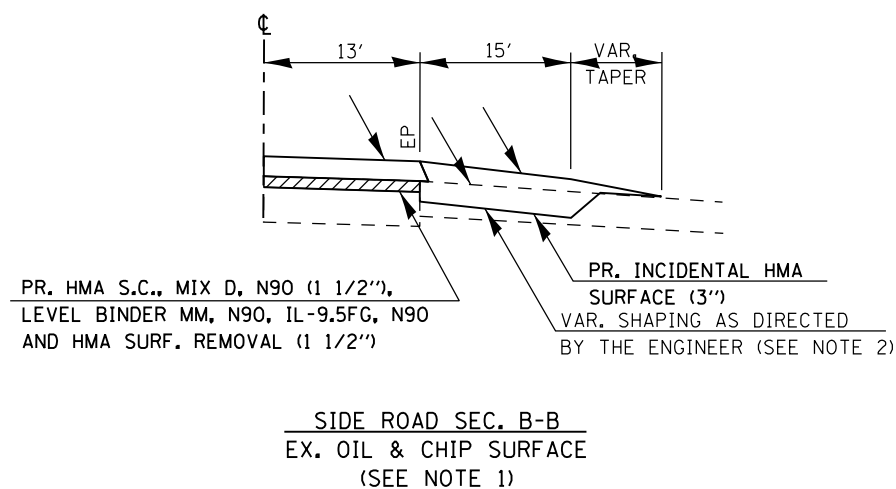
SIDEROAD AND ENTRANCE DETAILS



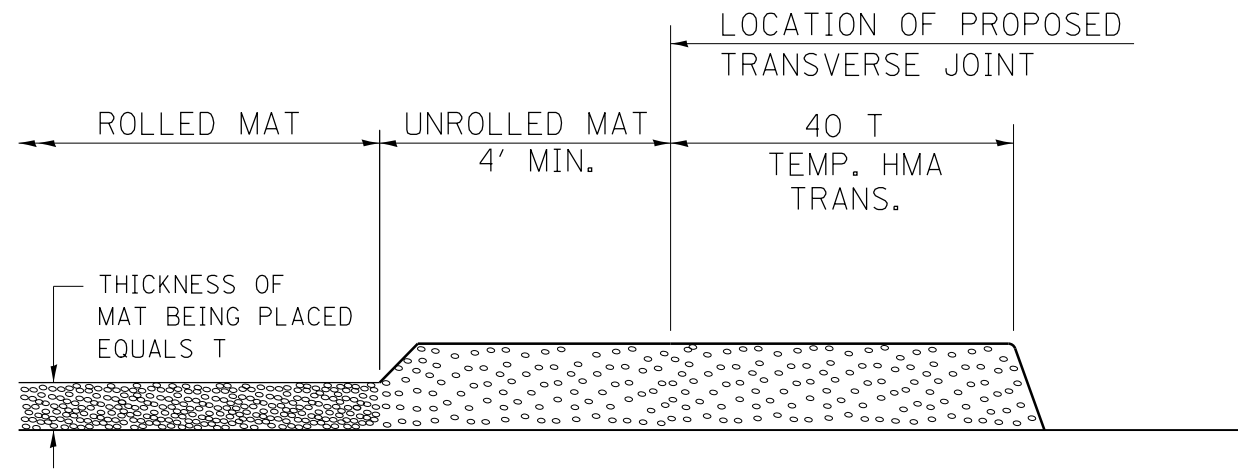
NOTES

1. IF EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDE ROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF EXISTING SUBBASE IS DETERMINED TO BE ADEQUATE, THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.
2. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.

SEE SIDE ROAD AND
ENTRANCE SCHEDULES

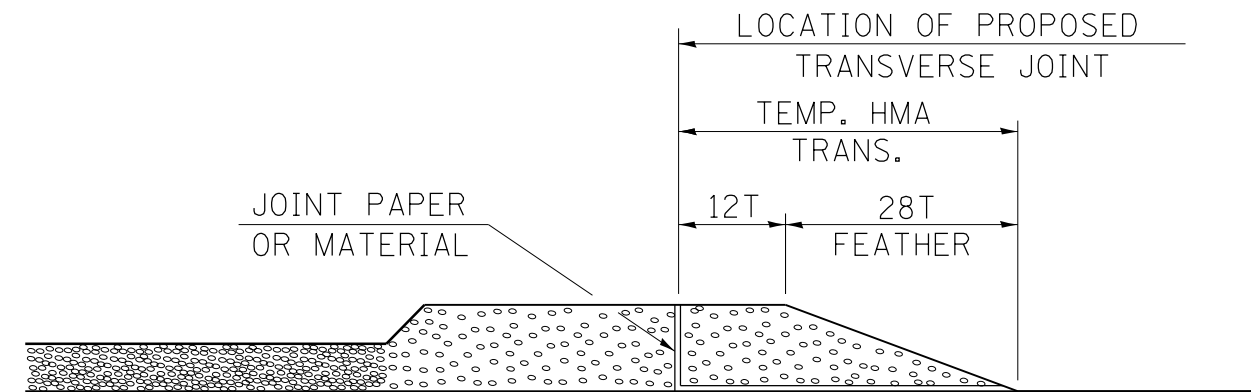


TEMPORARY HOT-MIX ASPHALT TRANSITIONS



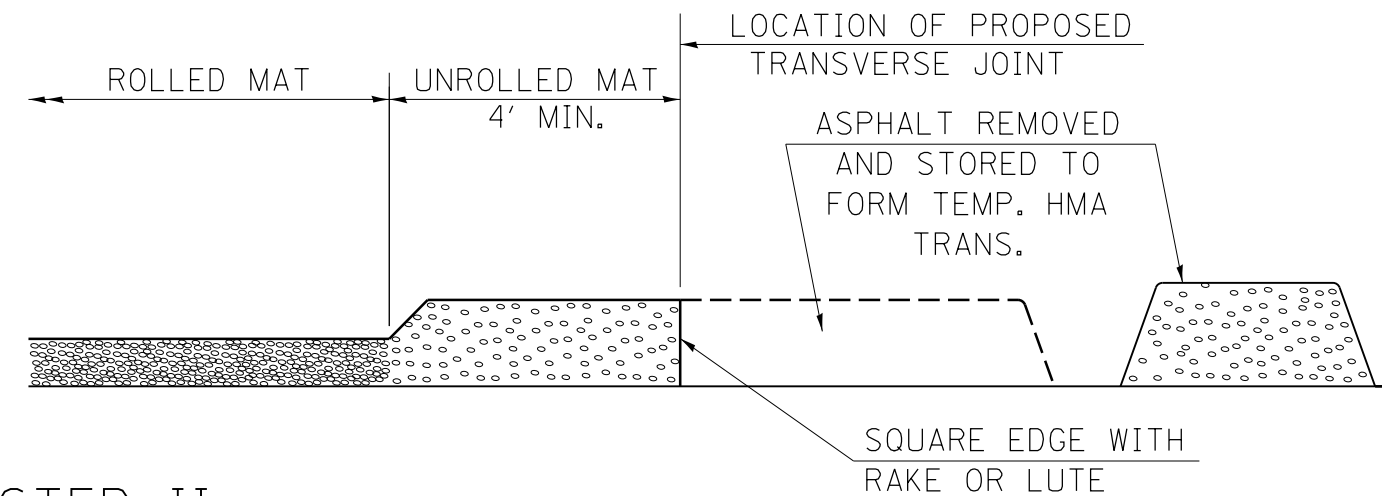
STEP I

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.



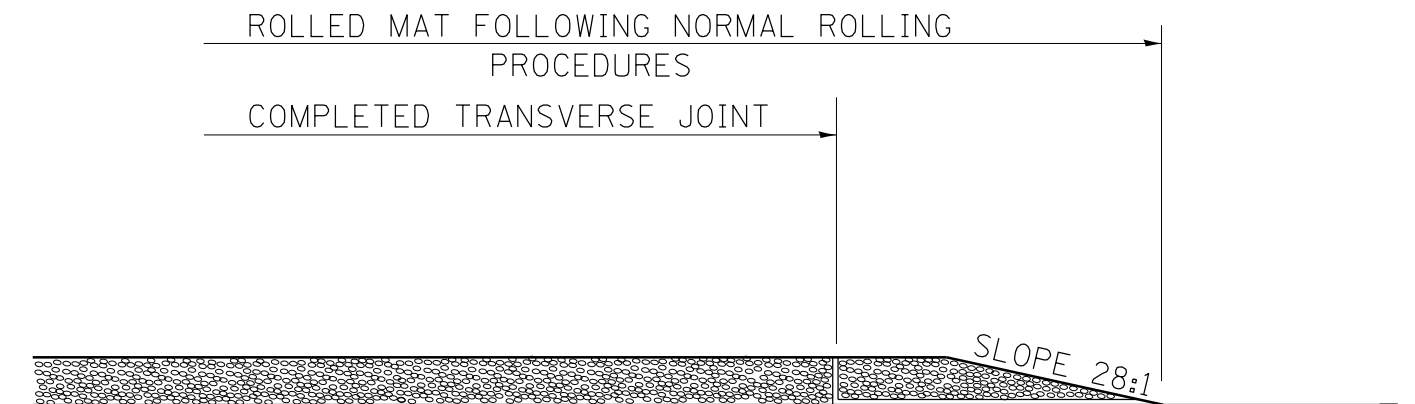
STEP III

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

FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78479\CAD\Drawings\CADsheets\78479.sht.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 10/19/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

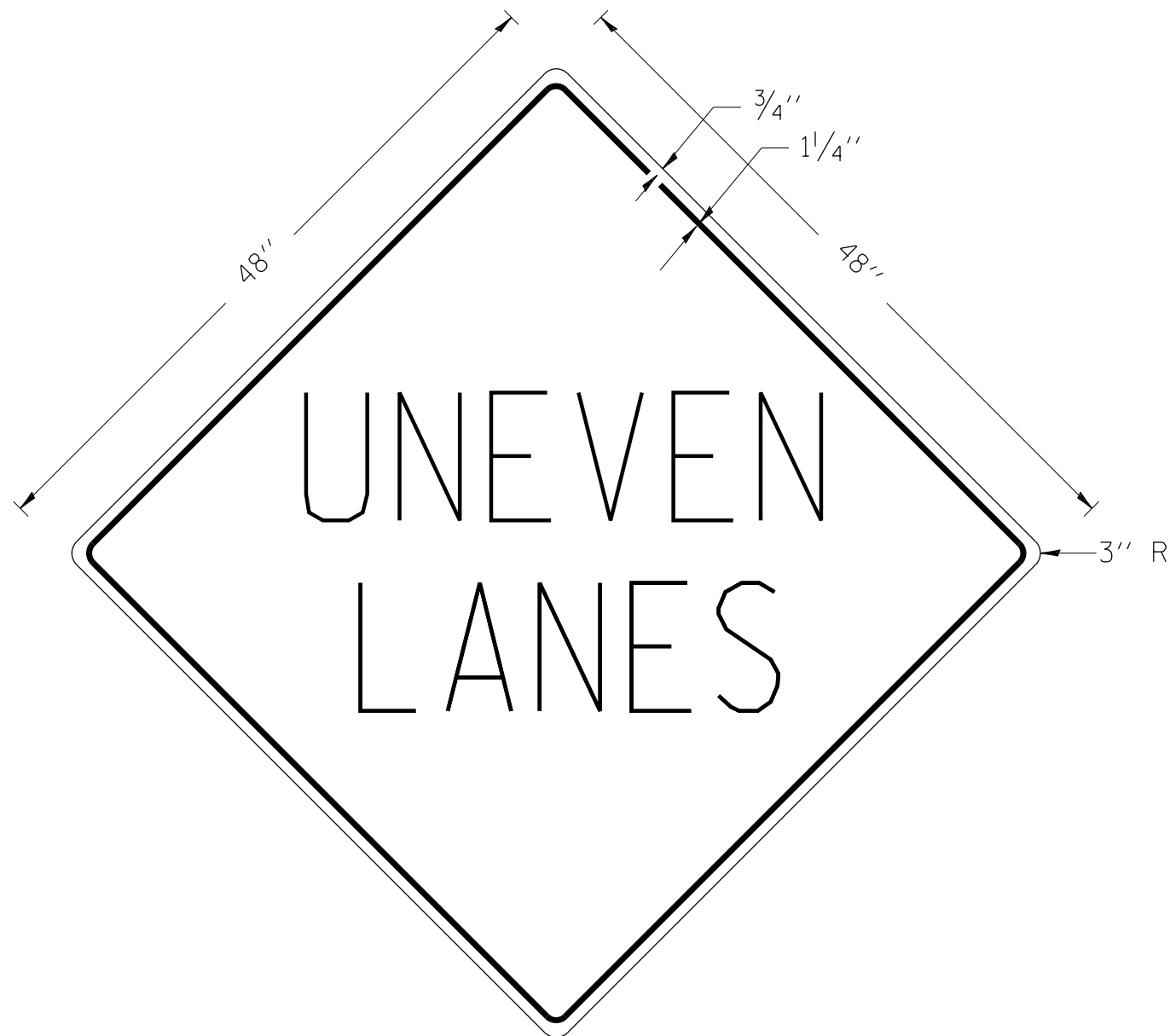
TEMPORARY HOT-MIX ASPHALT TRANSITIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
686	(114,115)RS-5	JACKSON	29	27
CONTRACT NO. 78479				
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.

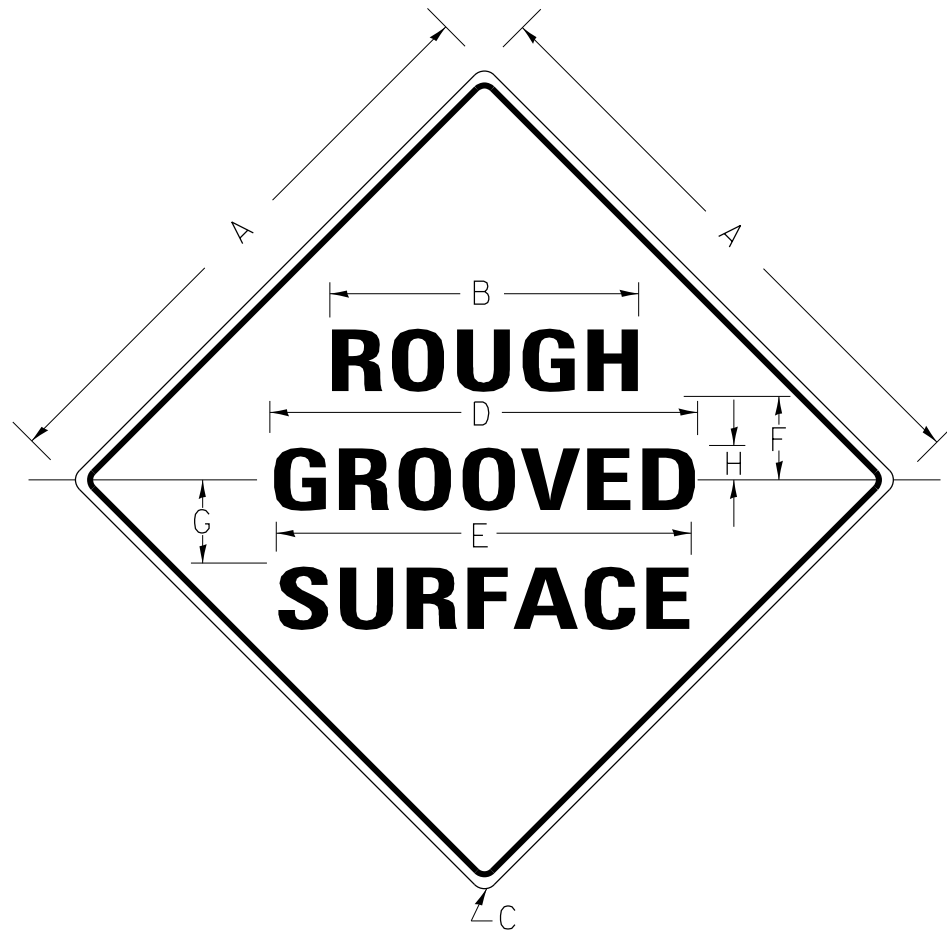
REVISIONS

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

STD. 9-41

FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UNEVEN LANES SIGN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 9\Projects\78479\CAD\Drawings\CADsheets\78479.sht.dgn		DRAWN	REVISED		686	(114,115)RS-5	JACKSON	29	28				
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 78479				
	PLOT DATE = 10/19/2015	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

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			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
REVIEWED	5-17-13

STD. 9-39

FILE NAME =	USER NAME = brandonja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROUGH GROOVED SURFACE SIGN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78479\CAD\Drawings\78479.sht.dgn		CHECKED -	REVISED -					686	(114,115)RS-5	JACKSON	29	29
Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 78479				
	PLOT DATE = 10/19/2015				ILLINOIS FED. AID PROJECT							