

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	JACKSON	23	1

*D-9 CONT. MAINT. FY 06-10

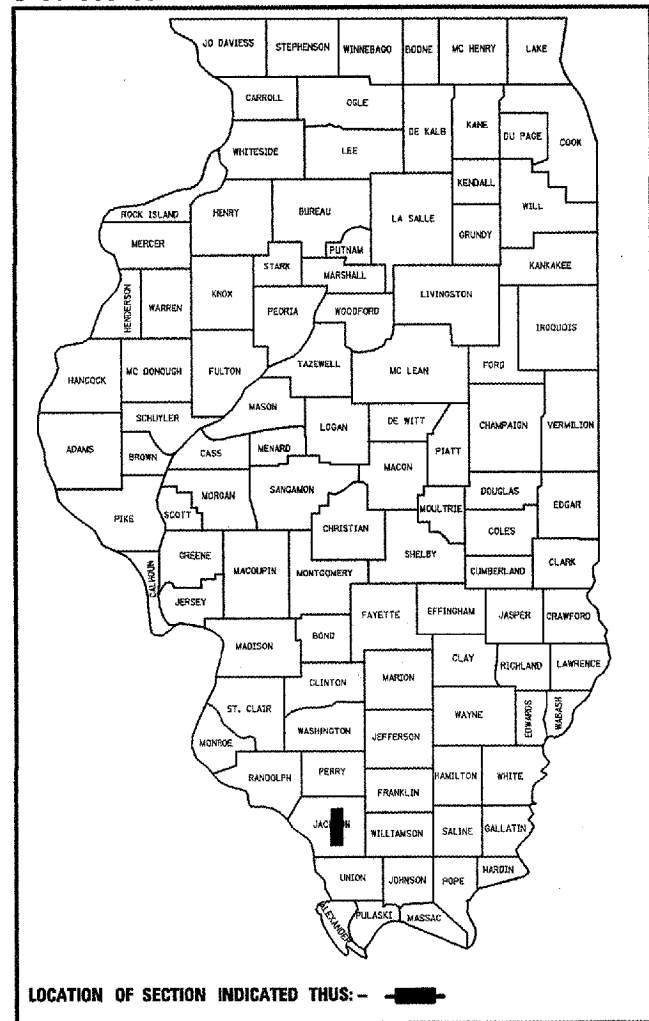
FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION D-9 CONT. MAINT. FY 06-10
PROJECT
JACKSON COUNTY
C-99-039-06

D-99-030-06



OLD US 51 (FAS 1911)
LOCATION #1
TRAFFIC DATA
(2002) (2026)

PC=	800	1,010
SU=	90	115
MU=	10	15
ADT=	900	1,140

US 51 (FAP 322)
LOCATION #2
TRAFFIC DATA
(2003) (2026)

PC=	6,975	8,765
SU=	275	345
MU=	150	190
ADT=	7,400	9,300

AIRPORT ROAD (FAU 9729)
LOCATION #3
TRAFFIC DATA
(2002) (2026)

PC=	900	1,145
SU=	40	50
MU=	10	15
ADT=	950	1,210

US 51 (FAP 322)
LOCATION #4
TRAFFIC DATA
(2005) (2026)

PC=	6,200	8,475
SU=	300	410
MU=	400	545
ADT=	6,900	9,430

US 51 (FAP 322)
LOCATION #5
TRAFFIC DATA
(2005) (2026)

PC=	7,400	9,120
SU=	150	185
MU=	450	555
ADT=	8,000	9,860

LOCATION #5
US 51 (FAP 322) (SOUTHBOUND)
Sta. 17+26.60 to Sta. 21+00
JACKSON ST. TO MAIN ST.
NET LENGTH: 373.4 FEET (0.07 MILES)
GROSS LENGTH: 373.4 FEET (0.07 MILES)

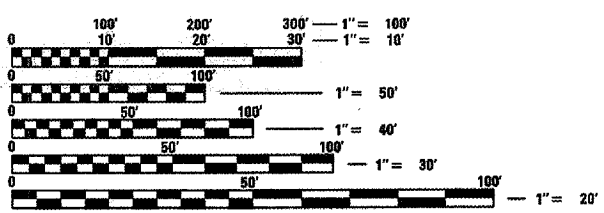
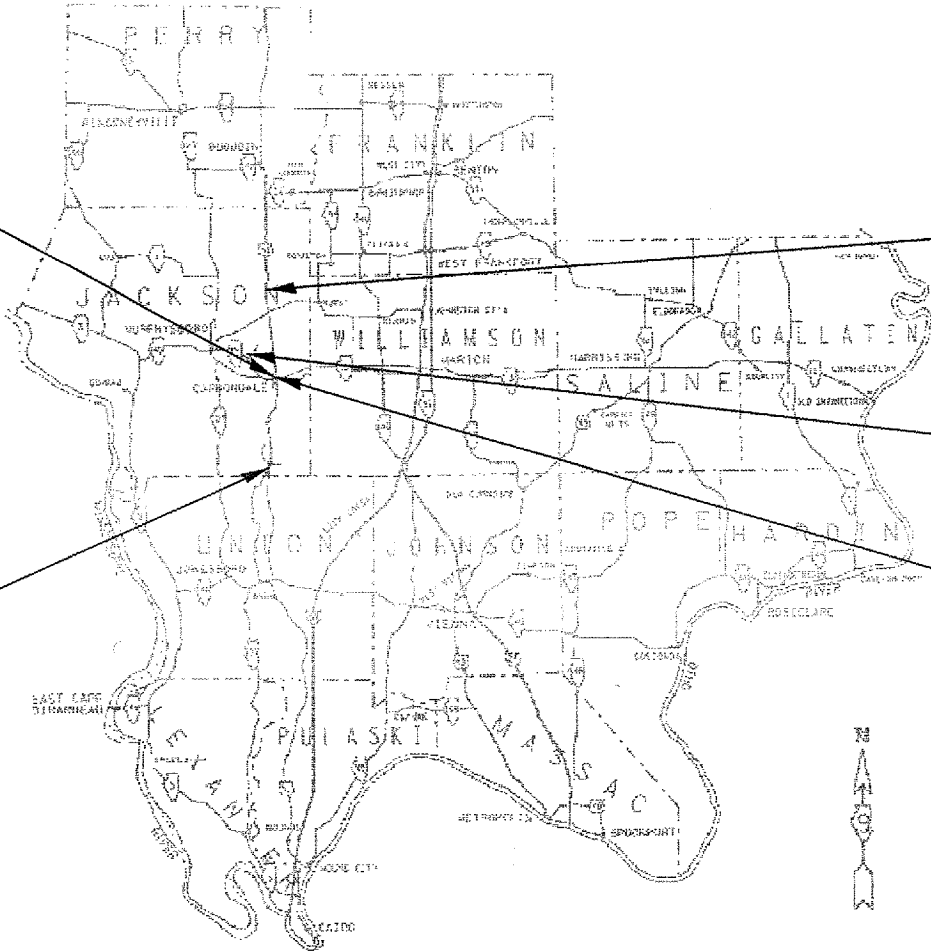
COUNTIES:	TOWNSHIPS:	LOCATION:
JACKSON	MAKANDA	1
	CARBONDALE	2
	MURPHYSBORO	3
	DESOTO	4
	CARBONDALE	5

LOCATION #4
US 51 (FAP 322)
Sta. 369+50 to Sta. 372+00
(MINE SUBSIDENCE)
NET LENGTH: 250 FEET (0.05 MILES)
GROSS LENGTH: 250 FEET (0.05 MILES)

LOCATION #3
AIRPORT ROAD (FAU 9729)
Sta. 1+40 to Sta. 8+28
Sta. 18+00 to Sta. 39+46
NET LENGTH: 2,834 FEET (0.54 MILES)
GROSS LENGTH: 3,806 FEET (0.72 MILES)

LOCATION #2
US 51 (FAP 322) (NORTHBOUND)
Sta. 68+89 to Sta. 71+88
MONROE ST. TO MAIN ST.
NET LENGTH: 299 FEET (0.06 MILES)
GROSS LENGTH: 299 FEET (0.06 MILES)

LOCATION #1
OLD US 51 (FAP 1911)
Sta. 417+40 to Sta. 452+16.8 BK =
Sta. 452+97.5 AH to Sta. 471+42
NET LENGTH: 5,321.3 FEET (1.00 MILES)
GROSS LENGTH: 5,321.3 FEET (1.00 MILES)



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

NET LENGTH OF PROJECT: 9,077.7 FEET (1.72 MILES)
GROSS LENGTH OF PROJECT: 10,049.7 FEET (1.90 MILES)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Feb 9 20 06*
Mary C. Lami
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 24 20 06
Mike Hine
ENGINEER OF DESIGN AND ENVIRONMENT

March 24 20 06
Milton R. Sees P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	JACKSON	23	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* D-9 CONT. MAINT. FY 06-10				

GENERAL NOTES

THE THICKNESS OF BITUMINOUS 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 BITUMINOUS MIXTURE IS PLACED.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL BITUMINOUS CONCRETE	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.
BITUMINOUS MATERIALS:	
ON PAVEMENT	0.09 GAL./SQ. YD.
ON AGGREGATE	0.32 GAL./SQ. YD.
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ. YD.

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, BITUMINOUS 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.

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

THE CONTRACTOR SHALL STAMP STATIONING IN THE BITUMINOUS 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.

THE LOCATION OF THE DETECTOR LOOPS, AS SHOWN ON THE PLANS, MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER OF TRAFFIC OPERATIONS.

DETECTOR LOOP WIRE SHALL BE PLACED IN THE EXISTING CONDUIT FROM THE LOOP SAWCUT TO THE SPLICE POINT AT THE EXISTING HANDHOLE.

DETECTOR LOOPS SHALL BE MEASURED FOR PAYMENT ALONG THE SAWED SLOT IN THE PAVEMENT. DETECTOR LOOP WIRE PLACED IN THE CONDUIT SHALL BE INCLUDED IN THIS COST AND SHALL NOT BE MEASURED.

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

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

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.

THERE ARE NO AVAILABLE WASTE SITES WITHIN PROJECT LIMITS.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
2	GENERAL NOTES/INDEX OF SHEETS AND STANDARDS
3	MIX DESIGN
4	SUMMARY OF QUANTITIES
5	RESURFACING SCHEDULE
6	PAVEMENT MARKING SCHEDULE
7-17	TYPICAL SECTION LOCATIONS 1-5
18-19	STRIPING AND DETECTOR LOOP DETAILS • LOCATION #2 & 5
20	•ROUGH GROOVED SURFACE• SIGN, TEMPORARY BITUMINOUS CONCRETE TRANSITIONS,
20	•UNEVEN PAVEMENT• SIGN, AND DETECTOR LOOP STANDARD DETAILS
21-23	CROSS SECTIONS • LOCATION #4

STANDARDS

442201-01	702001-06
701011-01	780001-01
701301-02	886001
701306-01	886006
701311-02	000001-04
701336-04	001001
701601-04	

Prepared By: Joe Zdanowicz
 DISTRICT STUDIES & PLANS ENGINEER

Examined By: James Louis Emery
 DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson
 DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Jim Swathwaite
 DISTRICT OPERATIONS ENGINEER

Examined By: Joseph Lejko
 DISTRICT CONSTRUCTION ENGINEER

Examined By: Bruce Peckles
 DISTRICT MATERIALS ENGINEER

Examined By: Danny Clayton
 DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Danny Clayton
 ASSISTANT REGIONAL ENGINEER

Approved By: Mary C Lamee
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Set 10 2006
 DATE

PLOT DATE : 2/9/2006
 FILE NAME : c:\projects\98972\typcal.m32
 PLOT SCALE : 100.0000
 USER NAME : rollaw

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	JACKSON	23	3

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

* D-9 CONT. MAINT. FY 06-10

MIX DESIGN

Location(s):	Bituminous Surface Course (Location #2 & 5)
Mixture Use(s)	Polymerized Bituminous Concrete Surface Course, Superpave, Mix D, N105
AC/PG	SBS PG76-22
RAP% (Max):	0
Design Air Voids:	4.0%, 105 Gyration Superpave Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	D Surface

Location(s):	Leveling Binder (Location #2 & 5)
Mixture Use(s)	Polymerized Bituminous Concrete Surface Course, Superpave, Mix C, N105
AC/PG	SBS PG76-22
RAP% (Max):	0
Design Air Voids:	4.0%, 105 Gyration Superpave Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	None

Location(s):	Bituminous Surface Course (Location #1 & 3)
Mixture Use(s)	Bituminous Concrete Surface Course, Superpave, Mix C, N90
AC/PG	PG64-22
RAP% (Max):	10
Design Air Voids:	4.0%, 90 Gyration Superpave Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	C Surface

Location(s):	Bituminous Materials Prime Coat (Location #2 & 5)
Mixture Use(s)	Polymer Modified Emulsified Asphalt
Requirements:	SS-1HP or CSS-1HP

Location(s):	Pavement Patching (Location #1 & 3)
Mixture Use(s)	Bituminous Concrete Binder Course, Superpave, N90, IL-19.0
AC/PG	PG64-22
RAP% (Max):	10
Design Air Voids:	4.0%, 90 Gyration Superpave Design
Mixture Composition: (Gradation Mixture)	IL-19.0 mm
Friction Aggregate:	None

Location(s):	Bituminous Surface Course (Location #4)
Mixture Use(s)	Bituminous Concrete Surface Course, Superpave, Mix D, N90
AC/PG	PG64-22
RAP% (Max):	10
Design Air Voids:	4.0%, 90 Gyration Superpave Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	D Surface

Location(s):	Leveling Binder (Location #4)
Mixture Use(s)	Bituminous Concrete Surface Course, Superpave, Mix C, N90
AC/PG	PG64-22
RAP% (Max):	10
Design Air Voids:	4.0%, 90 Gyration Superpave Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	None

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	JACKSON	23	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION CONSTRUCTION TYPE CODE	UNIT	TOTAL QUANTITY	1000			1000					
				LOC #1			LOC #2			LOC #3		
				JACKSON CO. RURAL 100% STATE	JACKSON CO. RURAL 100% STATE	JACKSON CO. URBAN 100% CITY	JACKSON CO. RURAL 100% STATE	JACKSON CO. RURAL 100% STATE	JACKSON CO. RURAL 100% STATE	JACKSON CO. RURAL 100% STATE	JACKSON CO. RURAL 100% STATE	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	1,746	1,111			567	68				
40600105	BITUMINOUS MATERIALS (PRIME COAT), SPECIAL	GAL	294		126	24			144			
40600300	AGGREGATE (PRIME COAT)	TON	37	19	2	1	10	2	3			
40600990	TEMPORARY RAMP	50 YD	329	30	103		48	30	118			
44000006	BITUMINOUS SURFACE REMOVAL - 1 1/2"	50 YD	19,657	12,343		266	6,298	750				
44000009	BITUMINOUS SURFACE REMOVAL - 3"	50 YD	2,992		1,396				1,596			
44200114	PAVEMENT PATCHING, TYPE IV, 9 INCH	50 YD	161		134				27			
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	50 YD	147	147								
48101200	AGGREGATE SHOULDERS, TYPE B	TON	290	144			144	2				
67100100	MOBILIZATION	L SUM	1	0.2	0.2		0.2	0.2	0.2			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	0.6	0.6		0.6	0.6	0.6			
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.4			0.3	0.3				
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1								
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1		0.5				0.5			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,922	1065	89		567	50	151			
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	50 FT	98.8		98.8							
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	28,702	20,183	241	28	7,547	563	140			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	346		100				246			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	91		50				41			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	50 FT	10,664	7,083	369		2,705	205	302			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	50 FT	98.8		98.8							
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	972		241	28		563	140			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	346		100				246			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	91		50				41			
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	27,730	20,183			7,547					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	79	67				4	8			
* 88600100	DETECTOR LOOP, TYPE I	FOOT	171		60				111			
X4066530	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N105	TON	274		118	22			134			
X4066418	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N90	TON	1,567	1,037			530					
X4066428	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90	TON	61					61				
X4066775	LEVELING BINDER (MACHINE METHOD) SUPERPAVE, N90	TON	3					3				
X4066920	POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE N105	TON	252		118				134			
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	1		0.5				0.5			

*SPECIALTY ITEMS

PLOT DATE = 2/9/2005
 FILE NAME = c:\p\projects\98972\98972\typical.m32
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = mllaw

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		JACKSON	23	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* D-9 CONT. MAINT. FY 06-10

RESURFACING SCHEDULE

LOCATION				LENGTH (FEET)	WIDTH (FEET)	(SQ YD)	AVG DEPTH (INCH)	VOLUME (CU YD)	BIT MATERIALS (PRIME COAT) (GAL)	BIT MATERIALS (PRIME COAT), SPECIAL (GAL)	AGG (PRIME COAT) (TON)	TEMPORARY RAMP (SQ YD)	BIT SURFACE REM - 1 1/2" (SQ YD)	BIT SURFACE REM - 3" (SQ YD)	AGG SHOULDERS, TYPE B (TON)	POLY BIT CONC SURF COURSE, SUPER, MIX "D", N105 (TON)	BIT CONCRETE SURFACE COURSE, SUPER, MIX "C", N90 (TON)	BIT CONCRETE SURFACE COURSE, SUPER, MIX "D", N90 (TON)	LEVELING BINDER (MACHINE METHOD) SUPER, N90 (TON)	POLY LEVELING BINDER (MACHINE METHOD), SUPER N105 (TON)								
LOCATION #1																												
STA.	417+40	TO	STA.	417+60	20.0	31	68.89	1.5	2.87	6.20			68.89		1.01		5.79											
STA.	417+60	TO	STA.	440+65	2,305.0	22	5,634.44	1.5	234.77	507.10			5,634.44		116.67		473.29											
STA.	440+65	TO	STA.	446+07	542.0	22	1,324.89	1.5	55.20	119.24			1,324.89		13.72		111.29											
STA.	446+07	TO	STA.	452+16.80 BK	609.8	20	1,355.11	1.5	56.46	121.96			1,355.11		0.00		113.83											
STA.	452+97.50 AH	TO	STA.	456+05	307.5	20	683.33	1.5	28.47	61.50			683.33		0.00		57.40											
STA.	456+05	TO	STA.	462+87	682.0	18.5	1,401.89	1.5	58.41	126.17			1,401.89		0.00		117.76											
STA.	462+87	TO	STA.	467+57	470.0	19.5	1,018.33	1.5	42.43	91.65			1,018.33		11.90		85.54											
STA.	467+57	TO	STA.	471+42	385.0	20	855.56	1.5	35.65	77.00			855.56		0.00		71.87											
SUBTOTAL LOCATION #1 =										1,111		19	30	12,343		144		1,037										
LOCATION #2																												
STA.	68+89	TO	STA.	71+88	299	42	1,395.33	1.5	58.14			93.30								117.21								
STA.	68+89	TO	STA.	71+88	299	8	265.78	1.5	11.07			8.90								0.00								
SUBTOTAL LOCATION #2 =										150		3	103	266		140				118								
LOCATION #3																												
STA.	1+40	TO	STA.	8+28	688	20	1,528.89	1.5	63.70	137.60			1,528.89		34.80		128.43											
STA.	18+00	TO	STA.	39+46	2,146	20	4,768.89	1.5	198.70	429.20			4,768.89		108.60		400.59											
SUBTOTAL LOCATION #3 =										567		10	48	6,298		144		530										
LOCATION #4																												
STA.	369+50	TO	STA.	370+00	50	27	150.00	1.5	6.25	13.50			150.00		0.00			12.70		0.80								
STA.	370+00	TO	STA.	371+00	100	27	300.00	1.5	12.50	27.00			300.00		1.60			22.70		0.90								
STA.	371+00	TO	STA.	372+00	100	27	300.00	1.5	12.50	27.00			300.00		0.00			25.30		1.00								
SUBTOTAL LOCATION #4 =										68		2	30	750		2		61		3								
LOCATION #5																												
STA.	17+26.60	TO	STA.	19+80.30	253.70	38	1,071.18	1.5	44.63			42.20					89.98			89.98								
STA.	19+80.30	TO	STA.	20+80.30	100.00	38.6	428.89	1.5	17.87			0.00					36.03			36.03								
STA.	20+80.30	TO	STA.	21+00.00	19.70		95.80	1.5	3.99			75.60					8.05			8.05								
SUBTOTAL LOCATION #5 =										144		3	118		134				134									
TOTAL LOCATIONS #1-5 =										1,746		37	329	19,657		2,992		290		274		1,567		61		3		252

PLOT DATE = 2/9/2006
 FILE NAME = c:\projects\98972\typical.r32
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = rjllivay

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	JACKSON	23	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* D-9 CONT. MAINT. FY 06-10				

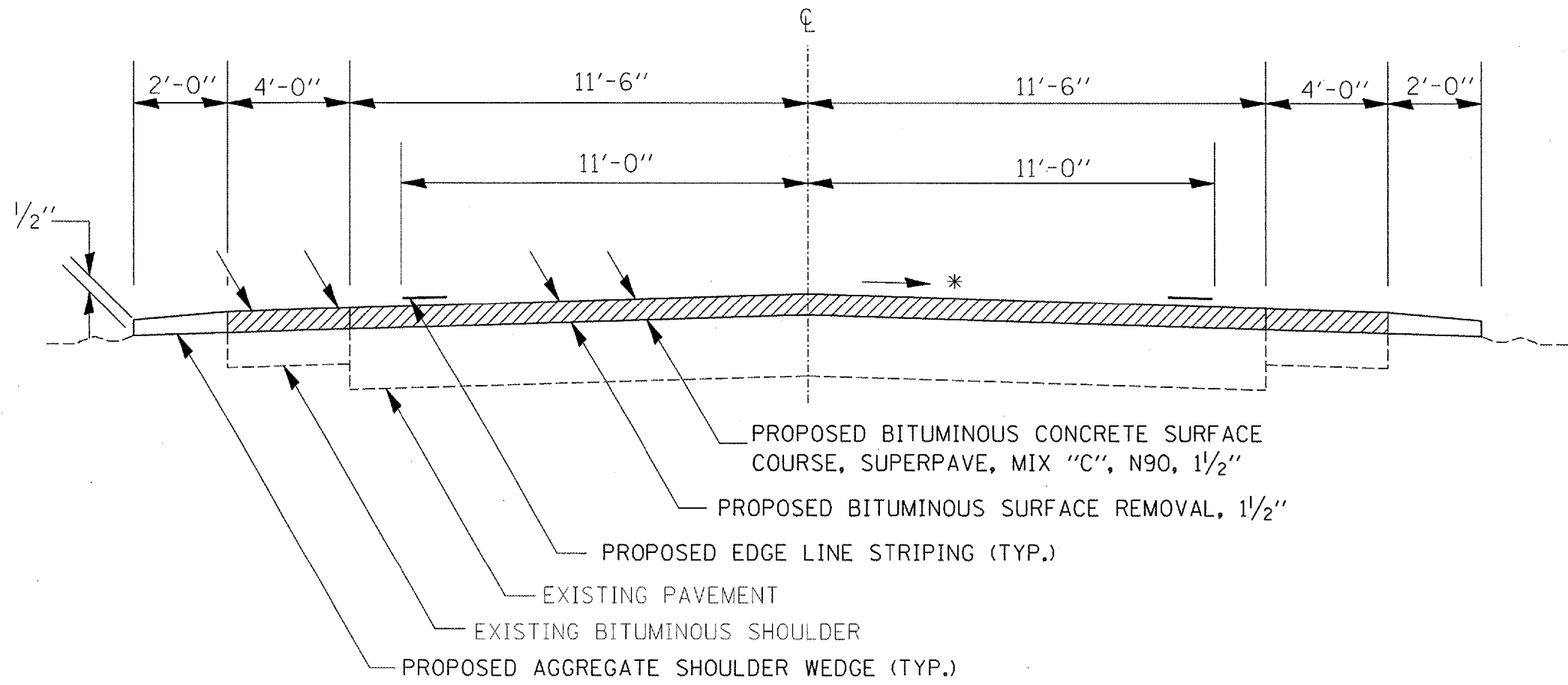
PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	PAINT PAVEMENT MARKING						THERMOPLASTIC PAVEMENT MARKING										
	LINE - 4" WHITE			LINE - 4" YELLOW			LINE - 4" WHITE			LINE - 4" YELLOW			LINE - 6"	LINE - 24"	LTRS & SYMBLS		
	LEFT SOLID	CENTER DASHED	RIGHT SOLID	LEFT SOLID	CENTER DASHED	RIGHT SOLID	LEFT SOLID	CENTER DASHED	RIGHT SOLID	LEFT SOLID	CENTER DASHED	RIGHT SOLID	WHITE FEET	WHITE FEET	WHITE SQ FT		
LOCATION #1																	
STA. 417+40	TO	STA. 452+16.8 BK =	3,476.8		3,476.8	3,476.8		3,476.8									
STA. 452+97.5 AH	TO	STA. 455+25	227.5		227.5	227.5		227.5									
STA. 455+25	TO	STA. 460+49	524.0		524.0	524.0	131.0										
STA. 460+49	TO	STA. 464+84	435.0		435.0	435.0		435.0									
STA. 464+84	TO	STA. 468+88	404.0		404.0		101.0	404.0									
STA. 468+88	TO	STA. 471+04	216.0		216.0		54.0										
STA. 471+04	TO	STA. 471+42	38.0		38.0	38.0	9.5										
SUBTOTAL LOCATION #1 =			5,321.3	0.0	5,321.3	4,701.3	295.5	4,543.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
LOCATION #2																	
STA. 68+89	TO	STA. 69+05											100	50			
STA. 69+05	TO	STA. 70+75						170.0	42.5	12.0			8.0			98.8	
STA. 70+75	TO	STA. 71+88							28.3				8.0				
SUBTOTAL LOCATION #2 =			0.0	0.0	0.0	0.0	0.0	0.0	170.0	70.8	12.0	0.0	0.0	16.0	100	50	98.8
LOCATION #3																	
STA. 1+40	TO	STA. 8+25	685.0		685.0		171.3										
STA. 18+00	TO	STA. 18+94	94.0		94.0	94.0		94.0									
STA. 18+94	TO	STA. 29+06	1,012.0		1,012.0	1,012.0	253.0										
STA. 29+06	TO	STA. 39+46	1,040.0		1,040.0		260.0										
SUBTOTAL LOCATION #3 =			2,831.0	0.0	2,831.0	1,106.0	684.3	94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LOCATION #4																	
STA. 369+50	TO	STA. 372+00							250.0		250.0		62.5				
SUBTOTAL LOCATION #4 =			0.0	0.0	0.0	0.0	0.0	0.0	250.0	0.0	250.0	0.0	62.5	0.0	0	0	0
LOCATION #5																	
STA. 17+26.60	TO	STA. 21+00							140.0				246	41			
SUBTOTAL LOCATION #5 =			0.0	0.0	0.0	0.0	0.0	0.0	140.0	0.0	0.0	0.0	246	41	0		
TOTAL LOCATIONS #1-5 =			27,730				972						346	91	98.8		

PLOT DATE = 2/9/2006
 FILE NAME = c:\p\project\ad983006\typical.mxd
 PLOT SCALE = 1/8" = 100'
 USER NAME = rollaw

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		JACKSON	23	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* D-9 CONT. MAINT. FY 06-10				

LOCATION #1 FAS 1911 (OLD US 51) JACKSON COUNTY TYPICAL SECTION NOT TO SCALE



* MATCH EXISTING SLOPE RT & LT

TO BE USED:
STA. 417+40 TO STA. 417+60

PLOT DATE : 2/9/2006
 FILE NAME : c:\projects\98972\typical.mxd
 PLOT SCALE : 1/8" = 1'-0"
 USER NAME : jcollins

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	JACKSON	23	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* D-9 CONT. MAINT. FY 06-10				

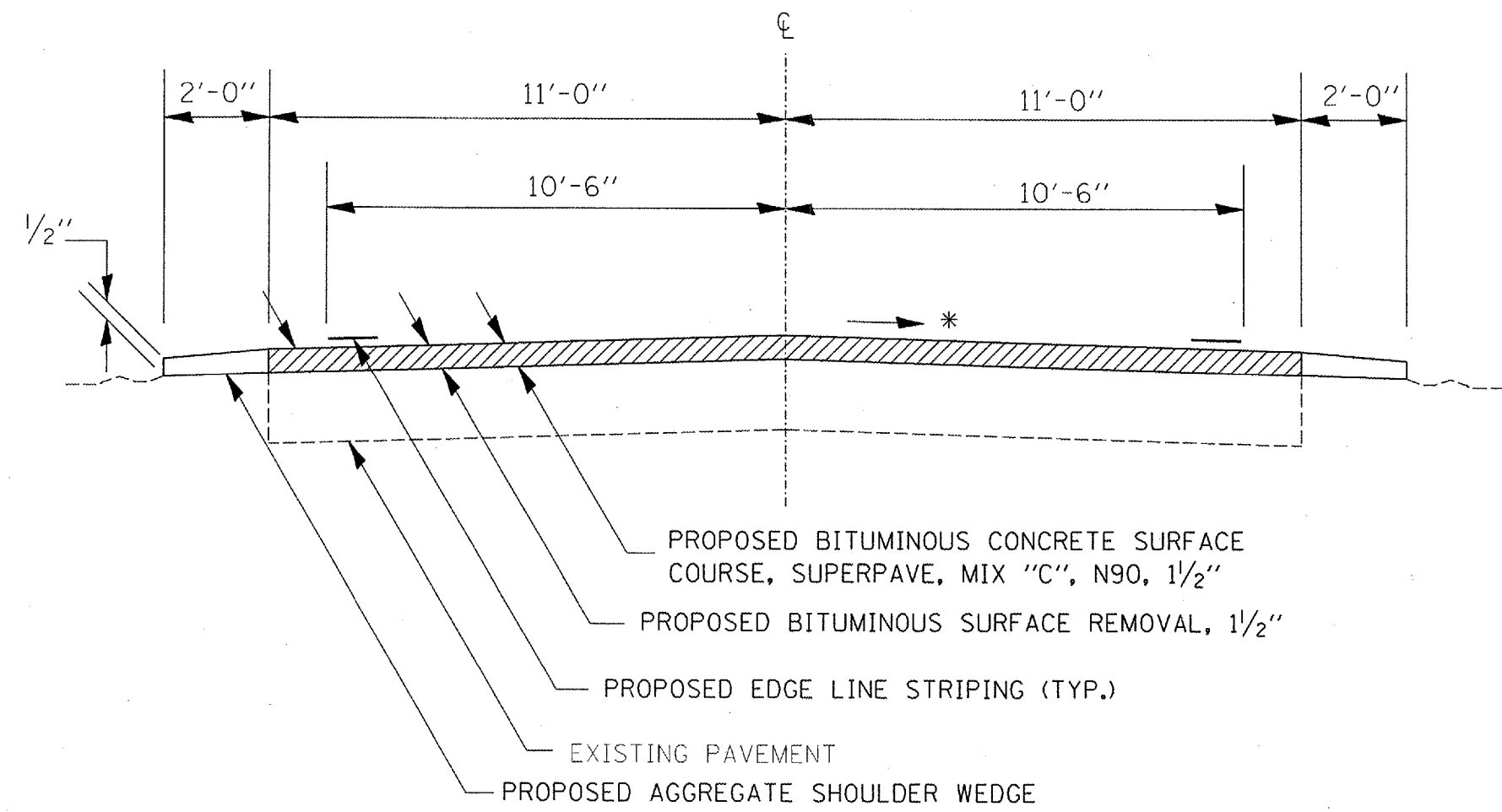
LOCATION #1

FAS 1911 (OLD US 51)

JACKSON COUNTY

TYPICAL SECTION

NOT TO SCALE



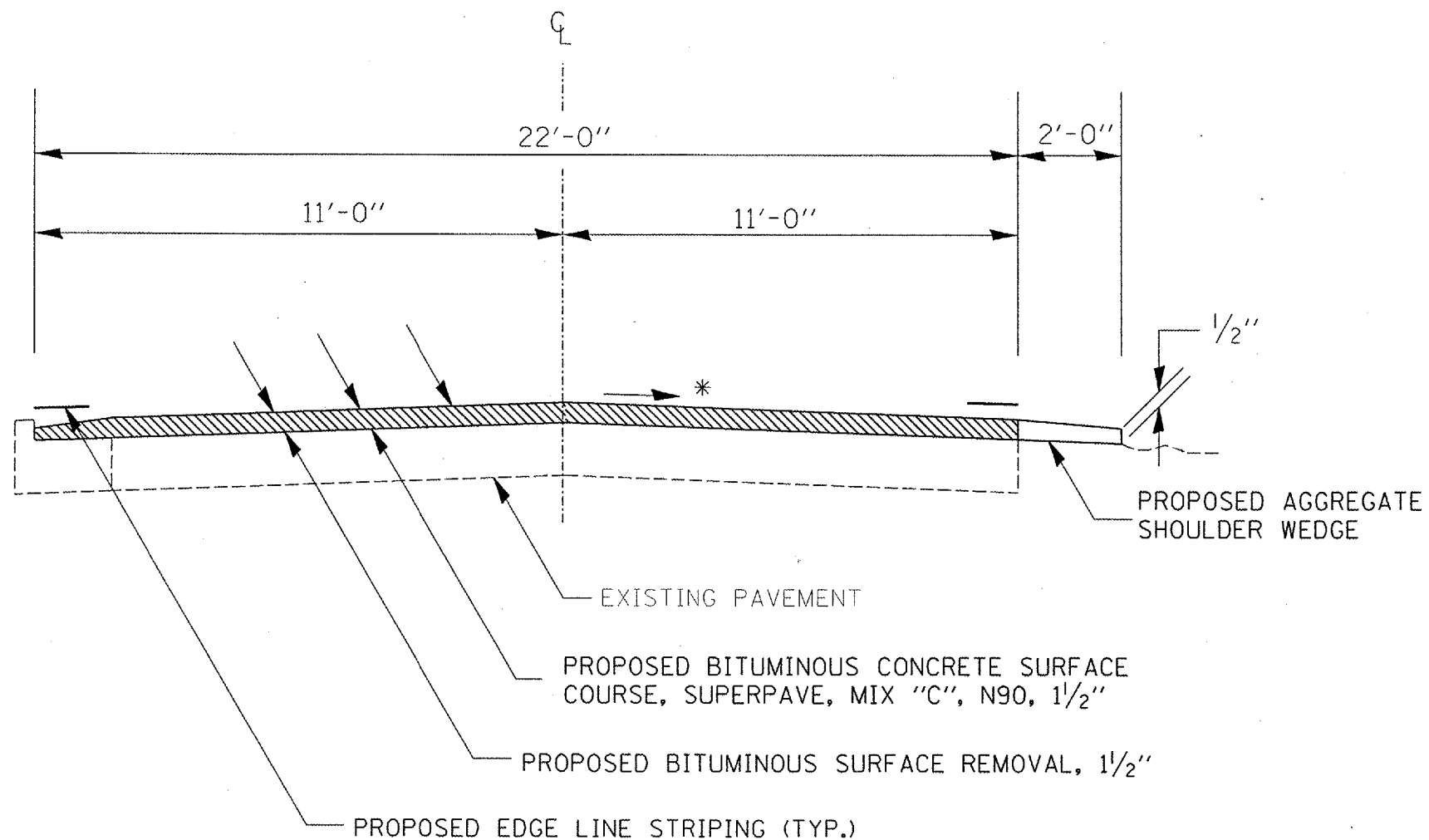
* MATCH EXISTING SLOPE RT & LT

TO BE USED:

STA. 417+60 TO STA. 440+65

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	JACKSON	23	9
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* D-9 CONT. MAINT. FY 06-10				

LOCATION #1
 FAS 1911 (OLD US 51)
 JACKSON COUNTY
 TYPICAL SECTION
 NOT TO SCALE

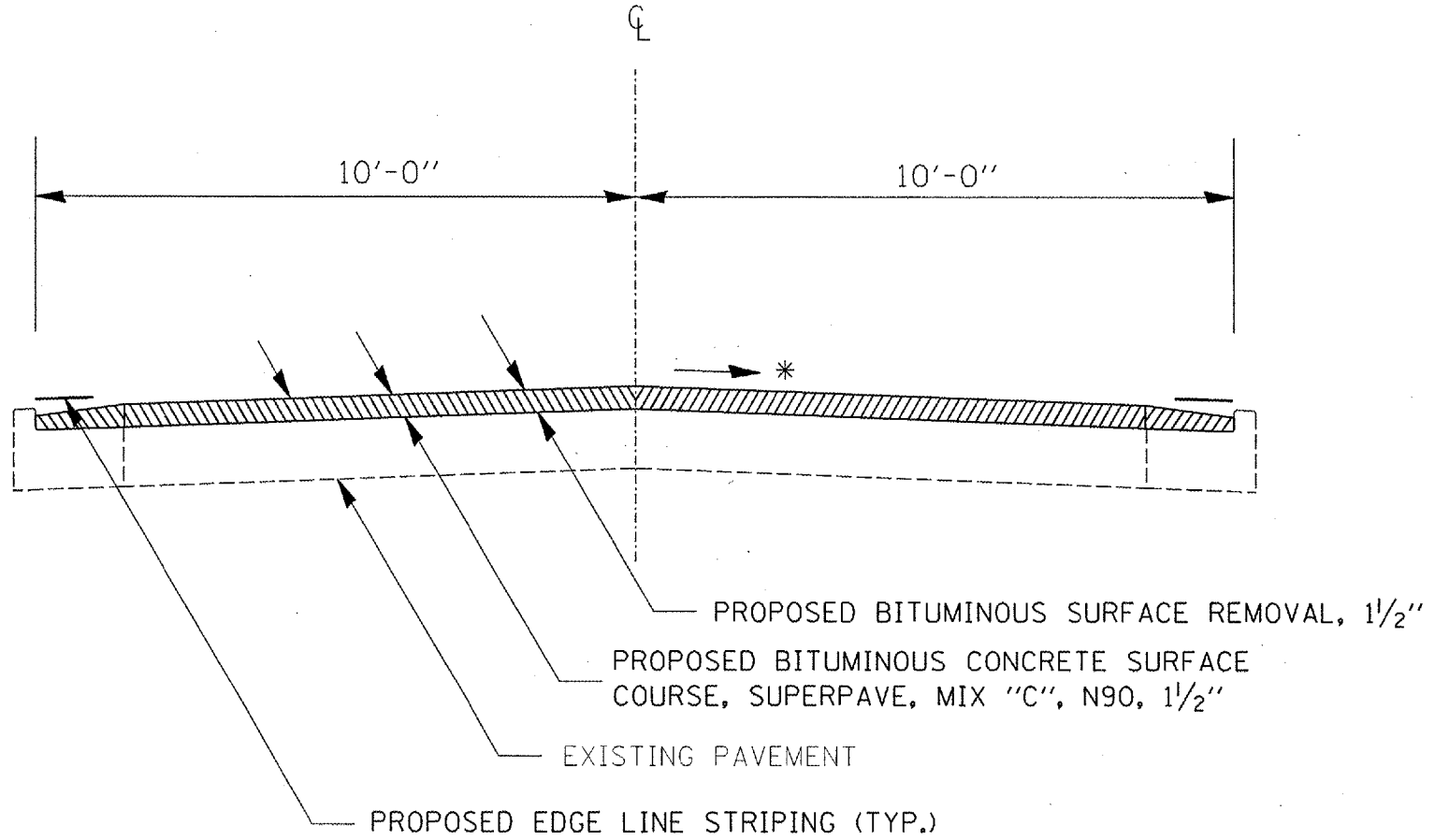


* MATCH EXISTING SLOPE RT & LT

TO BE USED:
 STA. 440+65 TO STA. 446+07

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	.	JACKSON	23	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* D-9 CONT. MAINT. FY 06-10				

LOCATION #1
 FAS 1911 (OLD US 51)
 JACKSON COUNTY
 TYPICAL SECTION
 NOT TO SCALE



TO BE USED:

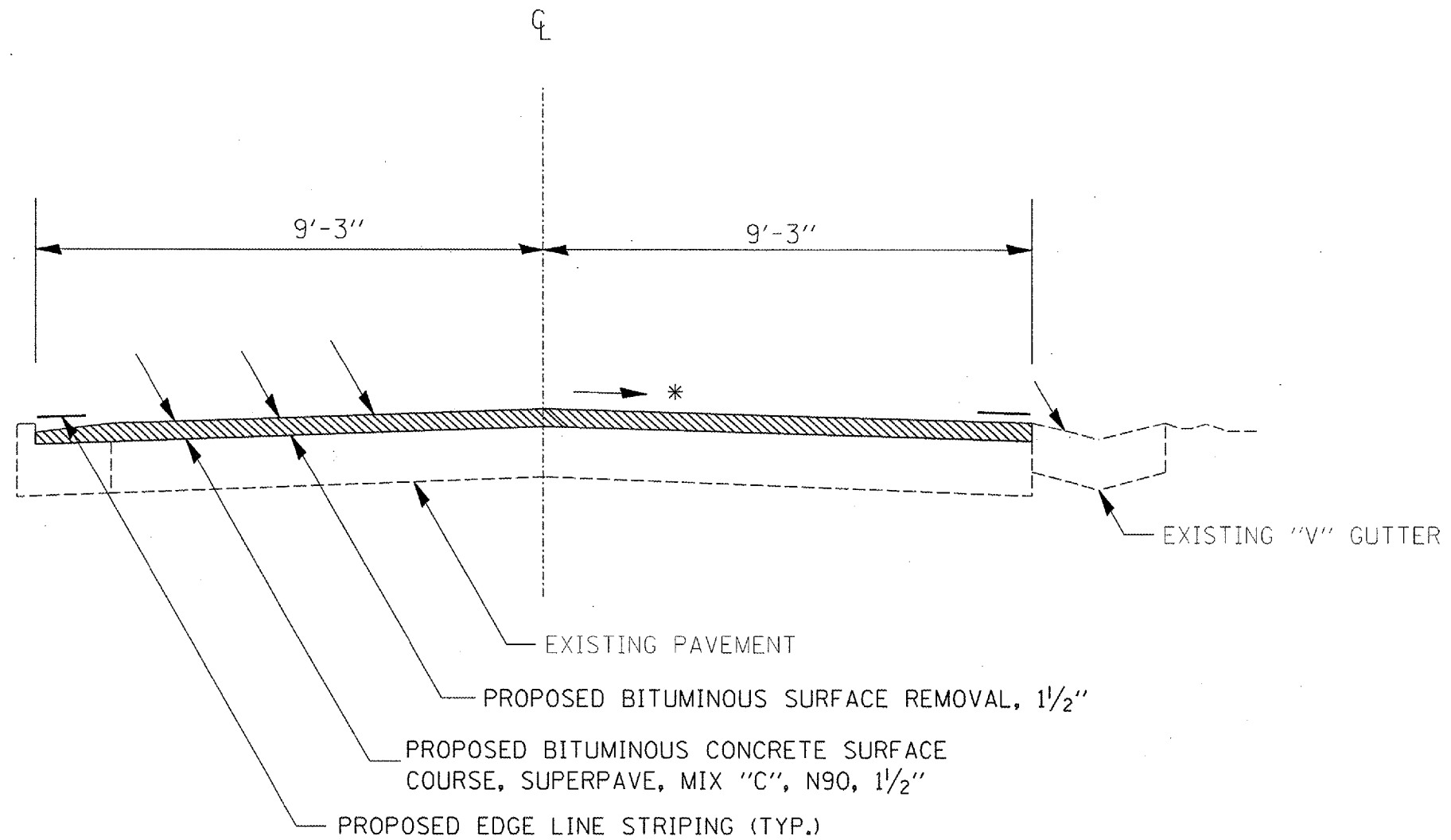
STA. 446+07 TO STA. 452+16.8 BK=
 STA. 452+97.5 AH TO STA. 456+05
 STA. 467+57 TO STA. 471+42

* MATCH EXISTING SLOPE RT & LT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	.	JACKSON	23	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* D-9 CONT. MAINT. FY 06-10

LOCATION #1
 FAS 1911 (OLD US 51)
 JACKSON COUNTY
 TYPICAL SECTION
 NOT TO SCALE



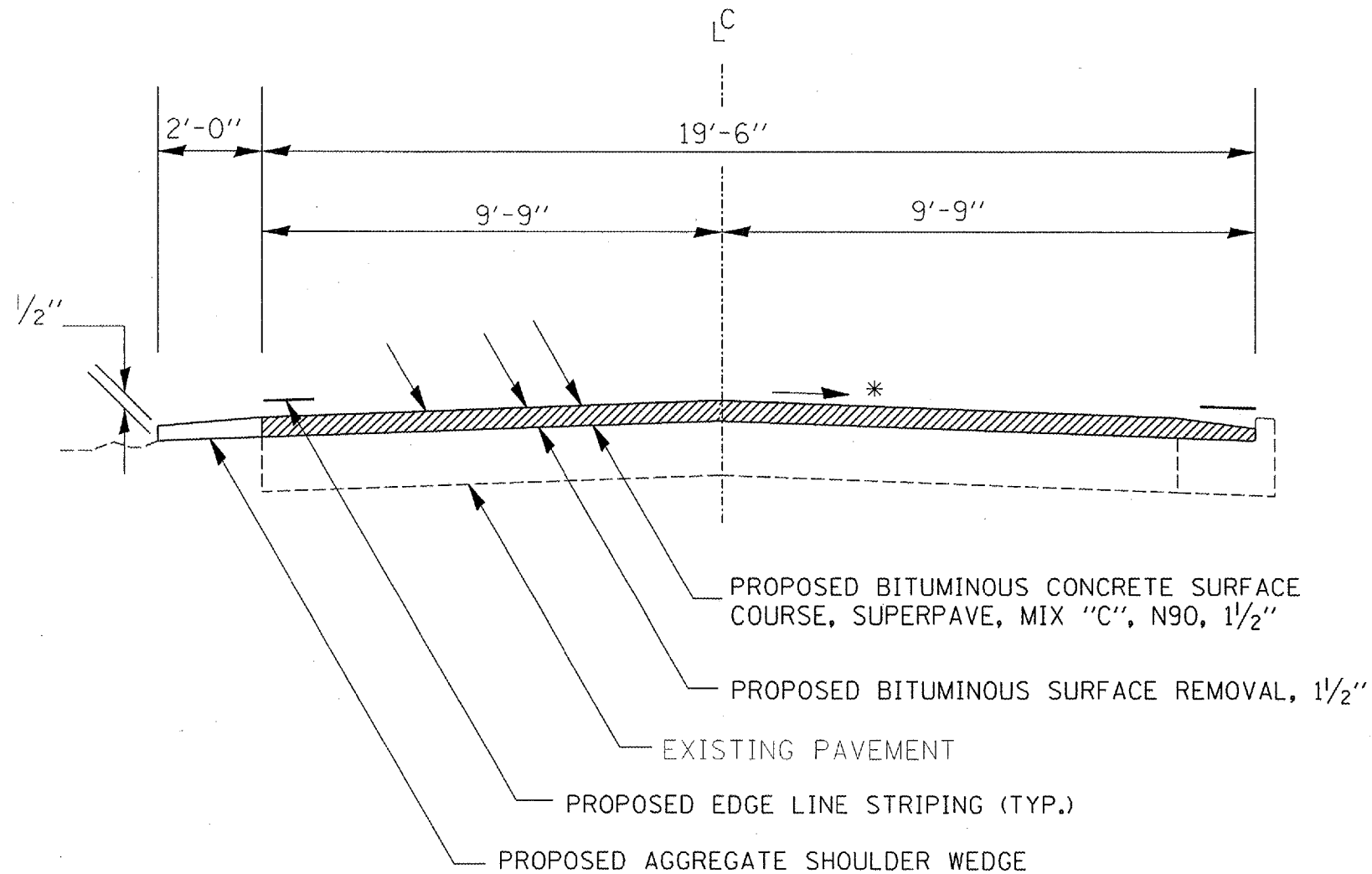
TO BE USED:

STA. 456+05 TO STA. 462+87

* MATCH EXISTING SLOPE RT & LT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		JACKSON	23	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* D-9 CONT. MAINT. FY 06-10				

LOCATION #1
 FAS 1911 (OLD US 51)
 JACKSON COUNTY
 TYPICAL SECTION
 NOT TO SCALE



TO BE USED:

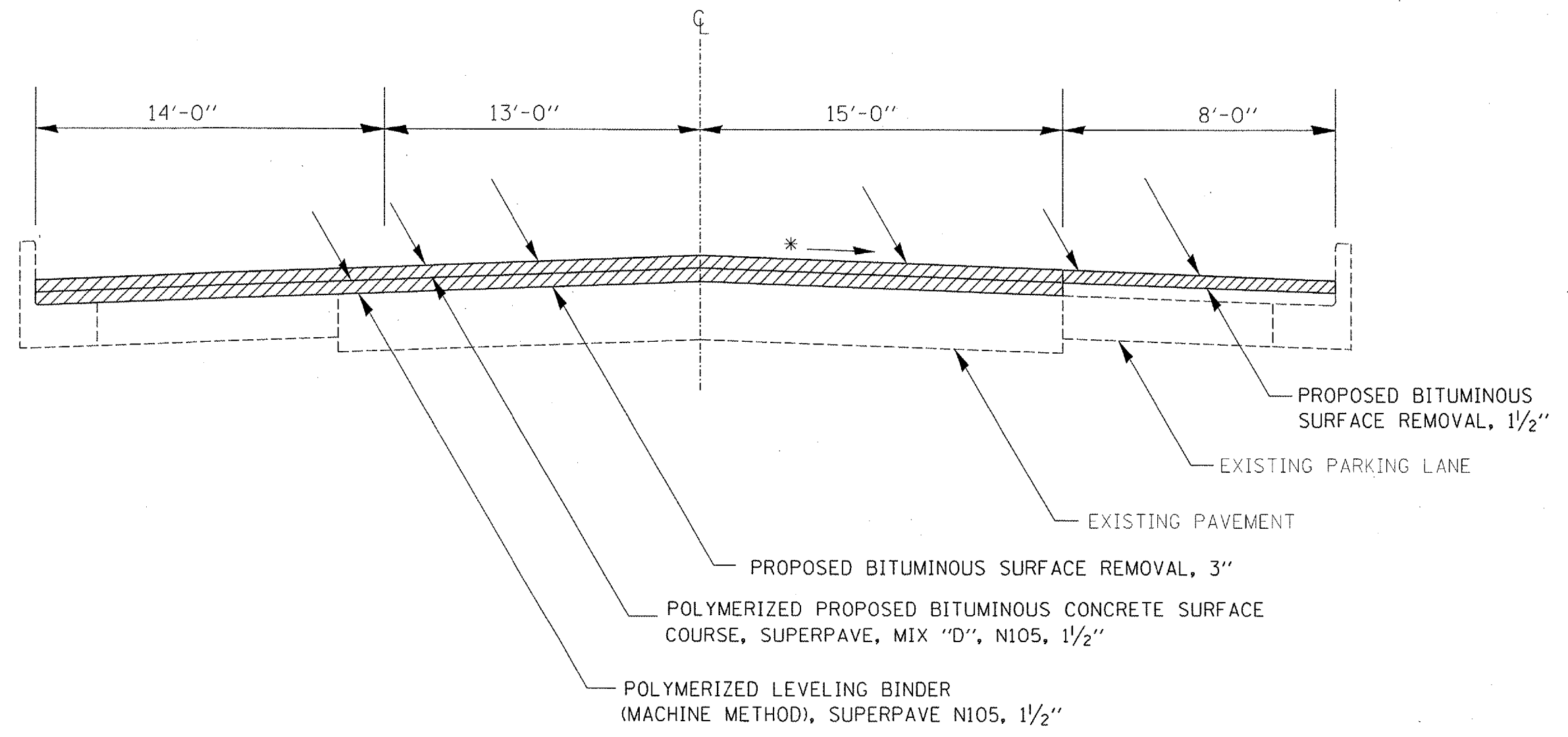
STA. 462+87 TO STA. 467+57

* MATCH EXISTING SLOPE RT & LT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	JACKSON	23	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* D-9 CONT. MAINT. FY 06-10				

LOCATION #2 FAP 332 (US 51) JACKSON COUNTY TYPICAL SECTION

NOT TO SCALE

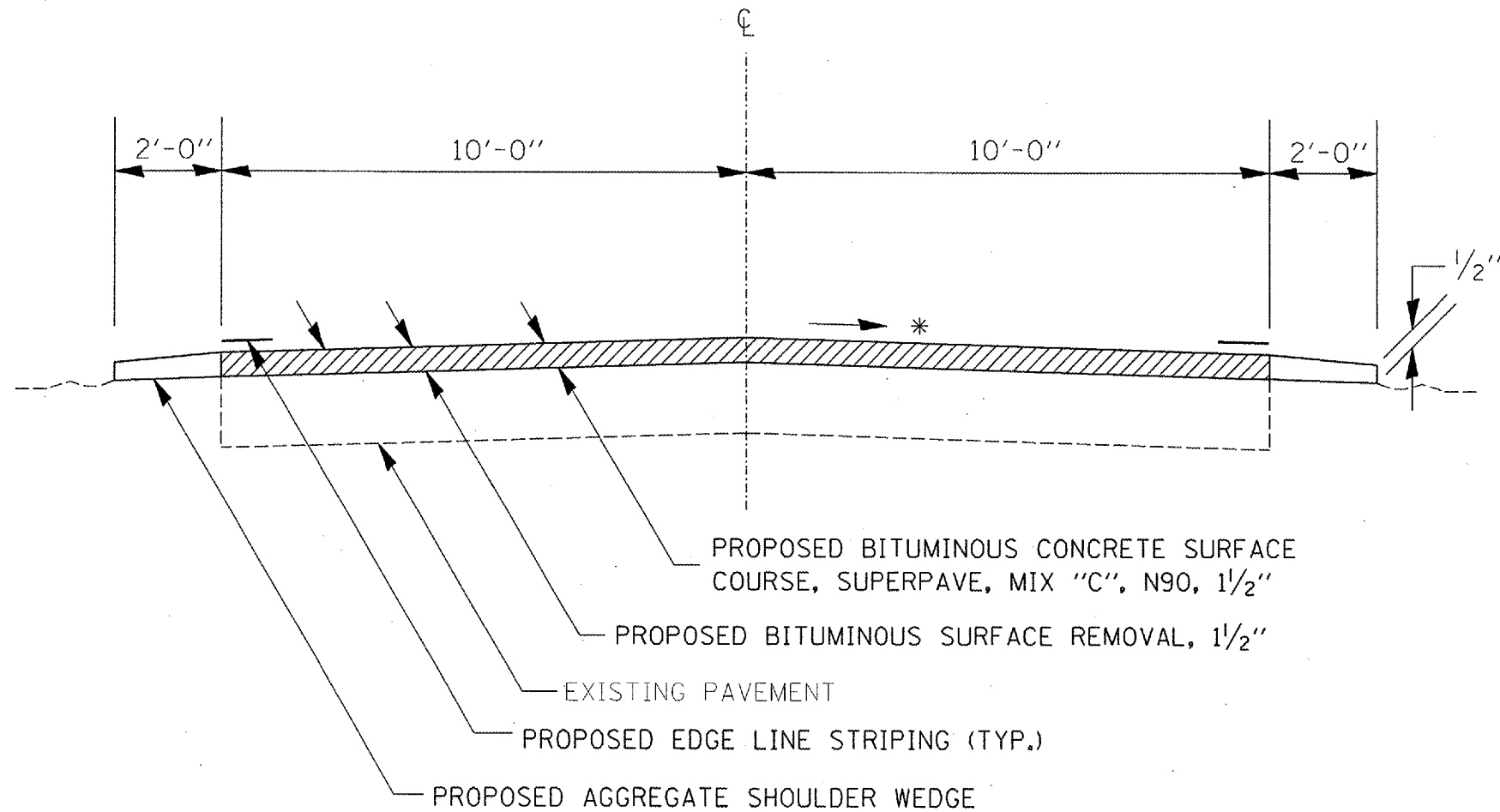


TO BE USED:

STA. 68+89 TO STA. 71+88

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	JACKSON	23	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* D-9 CONT. MAINT. FY 06-10				

LOCATION #3
 FAU 9729 (AIRPORT ROAD)
 JACKSON COUNTY
 TYPICAL SECTION
 NOT TO SCALE



TO BE USED:

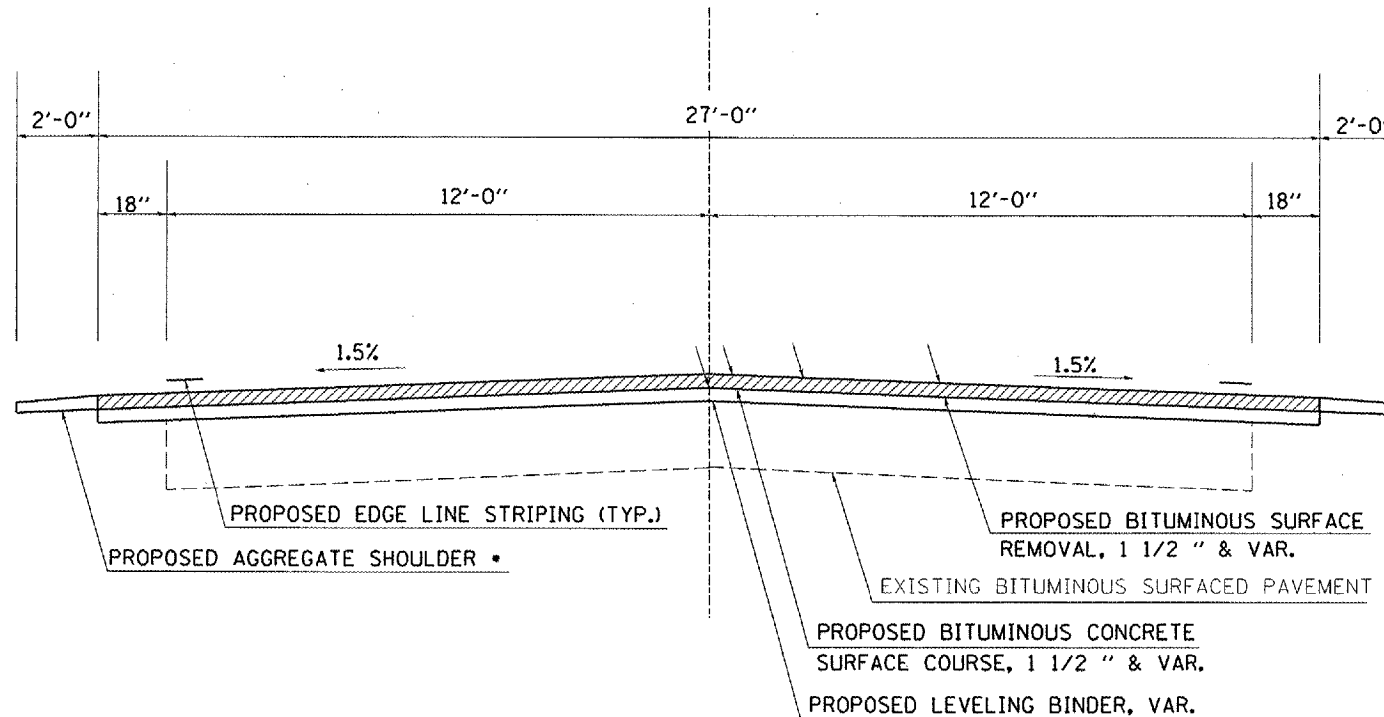
STA. 1+40 TO STA. 8+28
 STA. 18+00 TO STA. 39+46

* MATCH EXISTING SLOPE RT & LT

U.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	JACKSON	23	15

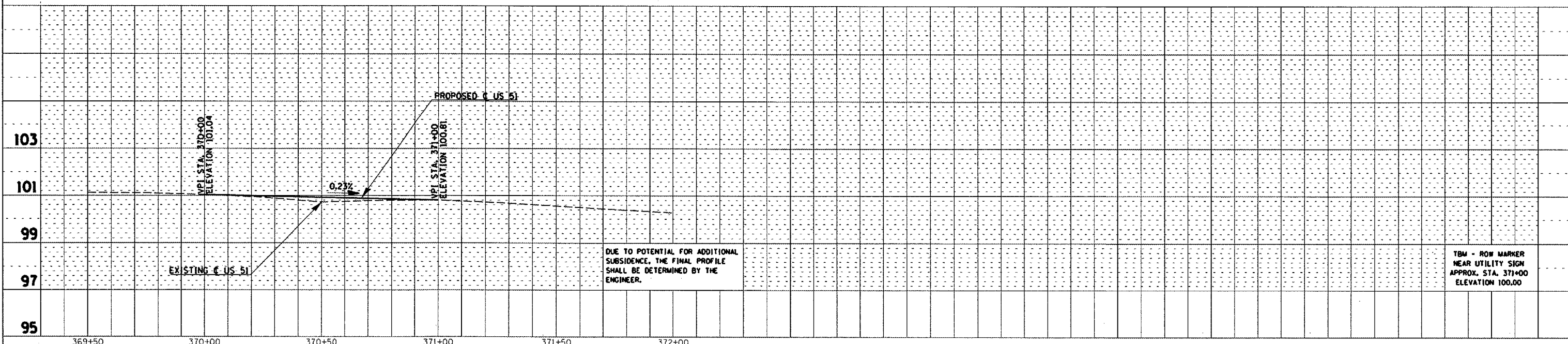
*D-9 CONT. MAINT. FY 06-10

TYPICAL SECTION
 LOCATION #4
 US 51
 NOT TO SCALE



- STA. 370+25 TO STA. 370+75 RT. & LT
- STA. 370+75 TO STA. 371+00 RT.

TO BE USED:
 STA. 370+00 TO STA. 371+00



DUE TO POTENTIAL FOR ADDITIONAL
 SUBSIDENCE, THE FINAL PROFILE
 SHALL BE DETERMINED BY THE
 ENGINEER.

TBM - ROW MARKER
 NEAR UTILITY SIGN
 APPROX. STA. 371+00
 ELEVATION 100.00

PLAN

DATE	
BY	
SURVEYED	
ALIGNED	
NOTED	
RT. OF WAY CHECKED	
PLD FILE NAME	
NO.	

PROFILE

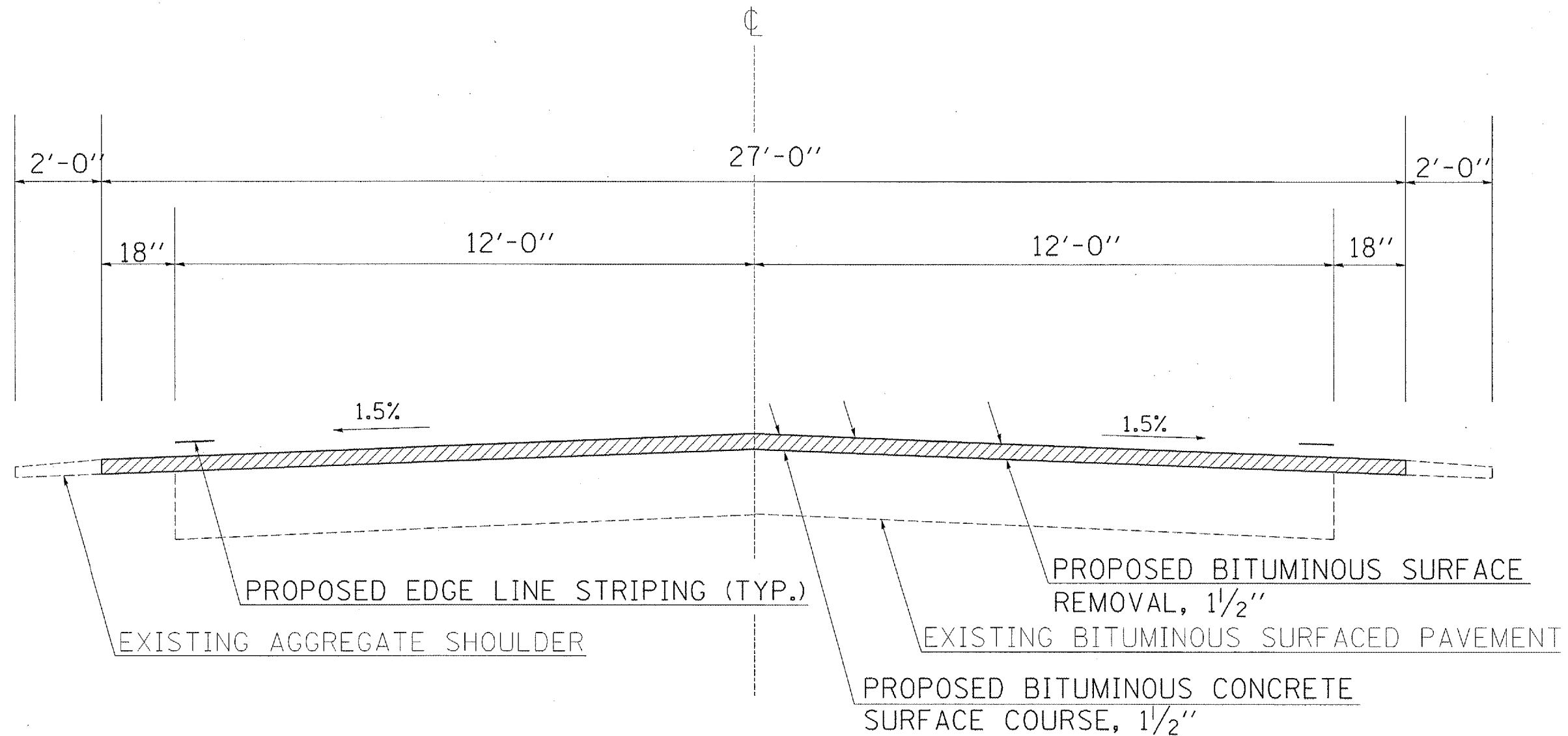
DATE	
BY	
SURVEYED	
ALIGNED	
NOTED	
STRUCTURE NOTATIONS CHECKED	
NO.	

PLOT DATE = 2/9/2008
 FILE NAME = c:\p\projects\p03086\typical.n32
 PLOT SCALE = 42.329 / IN.
 USER NAME = rjlsbr

U.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	.	JACKSON	23	16

*D-9 CONT. MAINT. FY 06-10

TYPICAL SECTION
 LOCATION #4
 US 51
 NOT TO SCALE



TO BE USED:

STA. 369+50 TO STA. 370+00

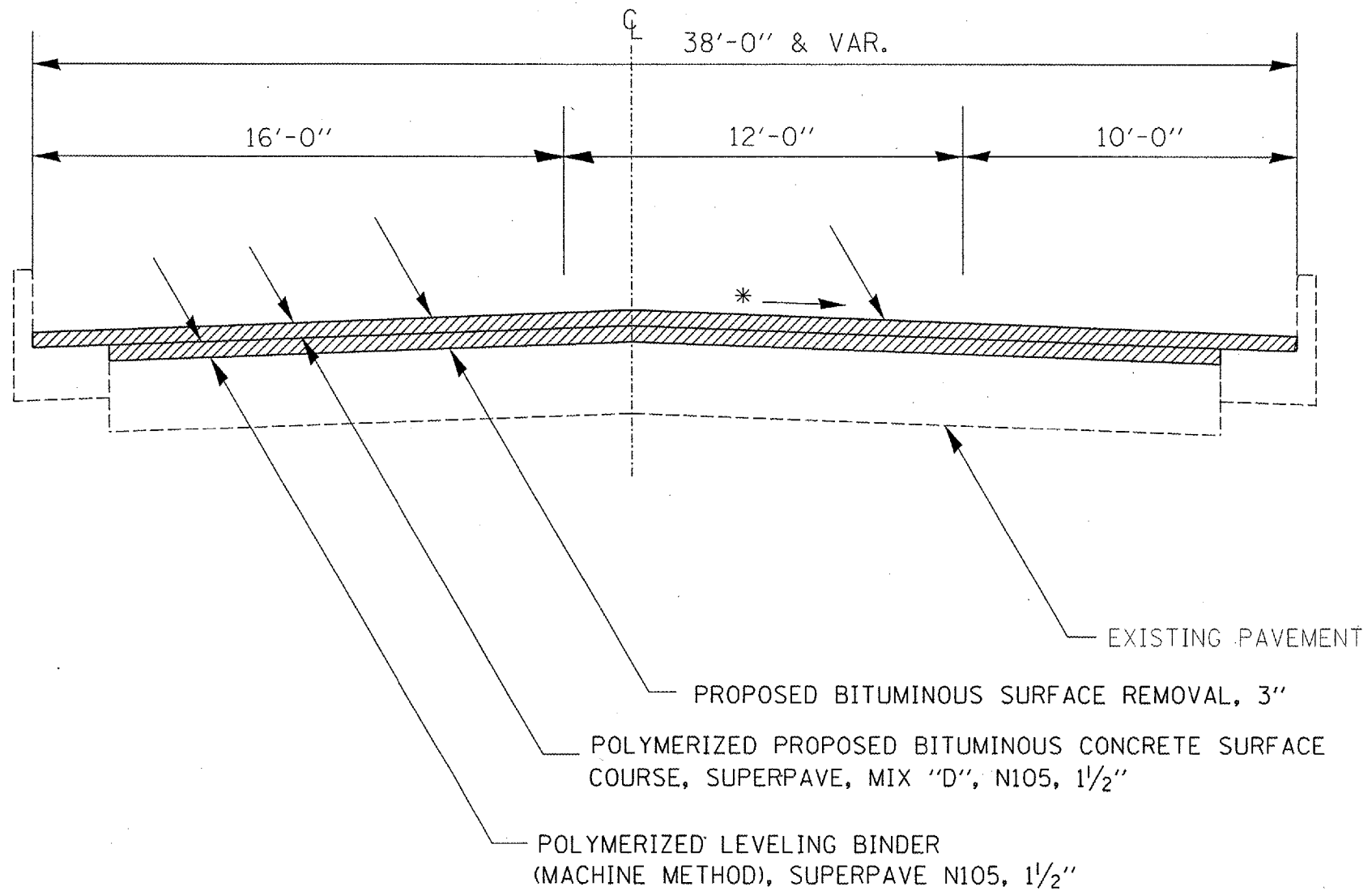
STA. 371+00 TO STA. 372+00

PLOT DATE = 2/12/2008
 FILE NAME = c:\projects\98972\98972.dwg
 PLOT SCALE = 42.3529' / IN.
 USER NAME = rclaw

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		JACKSON	23	17
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* D-9 CONT. MAINT. FY 06-10				

LOCATION #5 FAP 332 (US 51) JACKSON COUNTY TYPICAL SECTION

NOT TO SCALE



* MATCH EXISTING SLOPE RT & LT

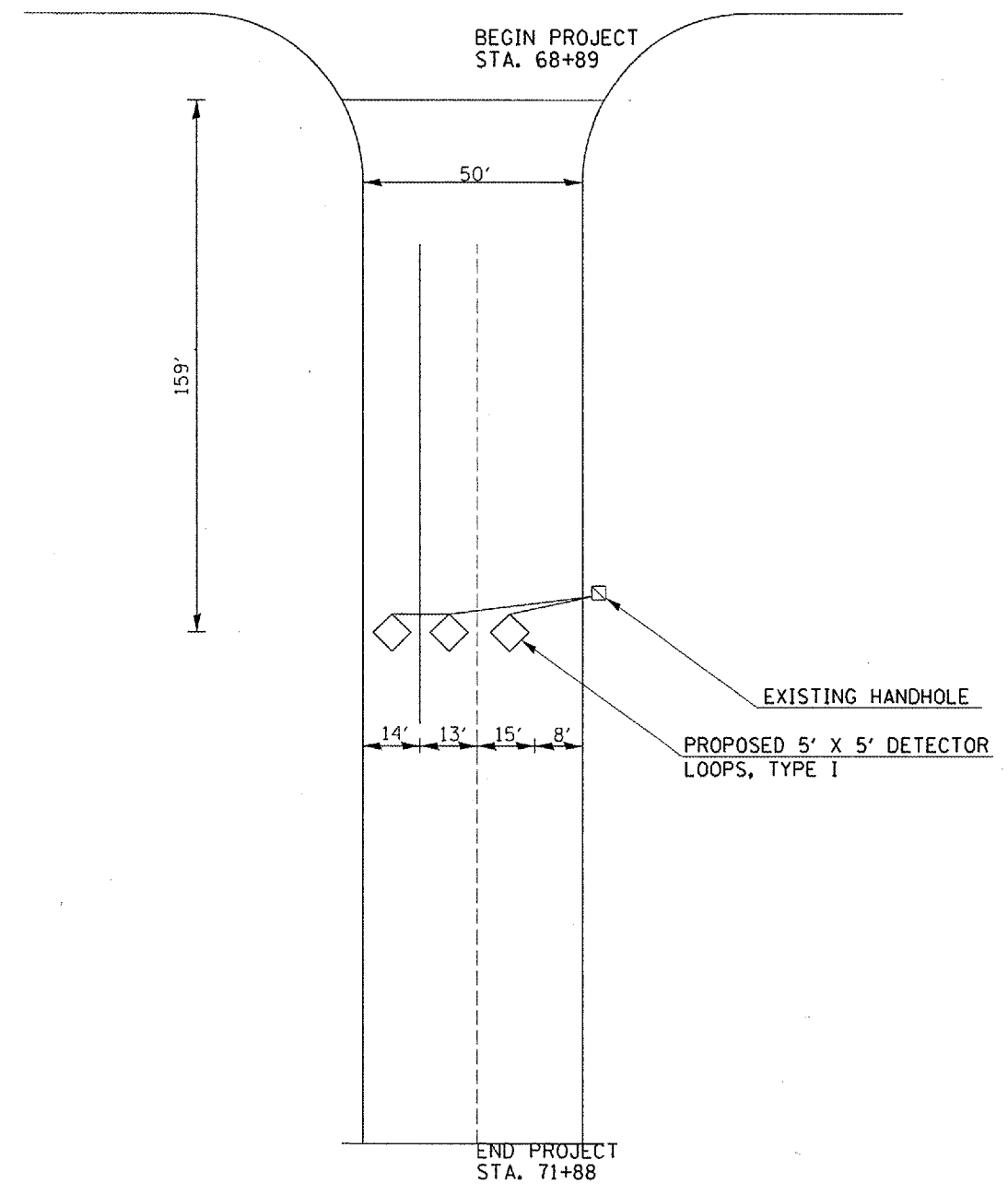
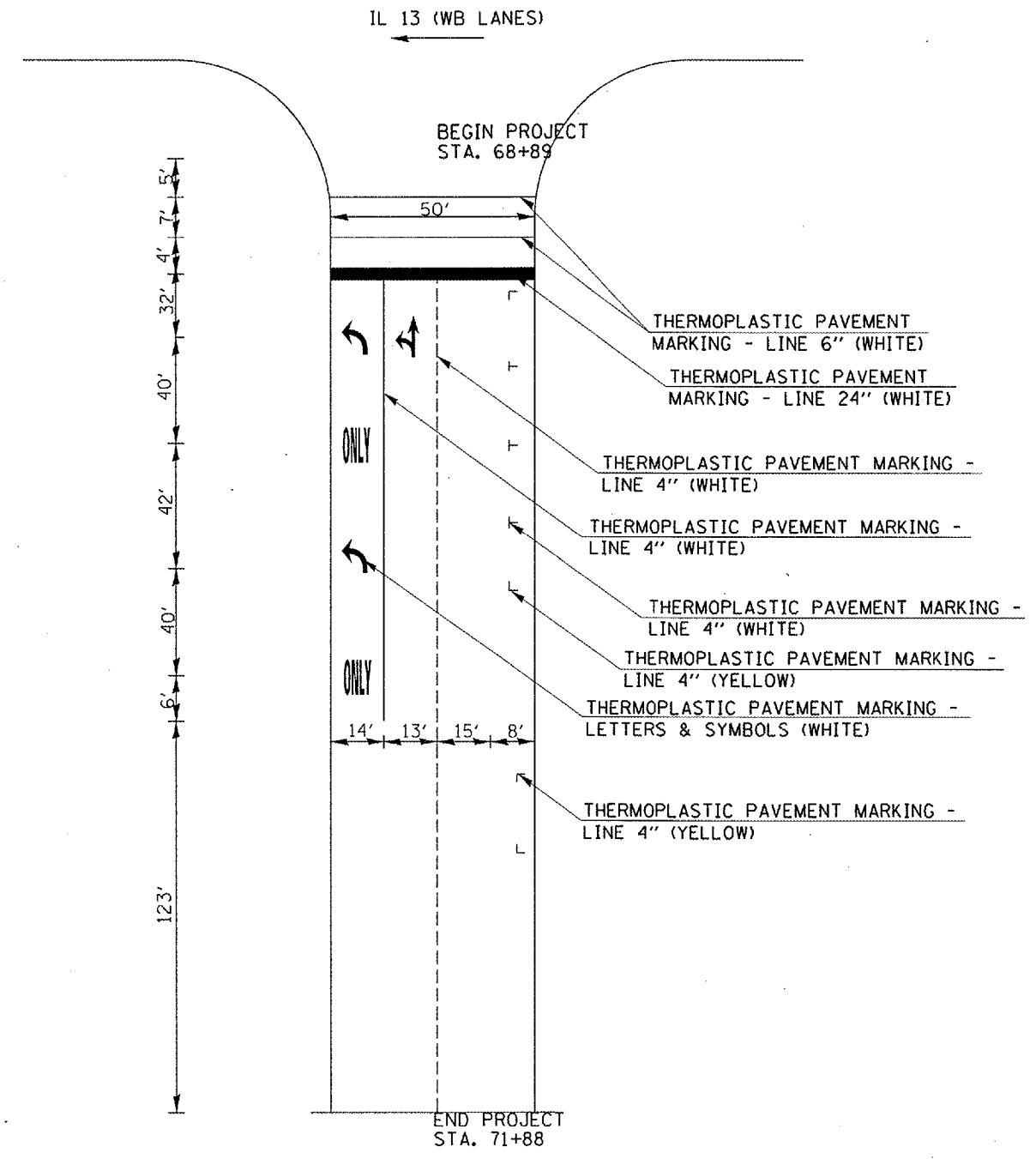
TO BE USED:

STA. 17+26.6 TO STA. 21+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	JACKSON	23	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* D-9 CONT. MAINT. FY 06-10				

LOCATION #2
 FAP 322 (U.S. 51)
 JACKSON CO.
 PAVEMENT MARKING DETAIL
 NOT TO SCALE

LOCATION #2
 FAP 322 (U.S. 51)
 JACKSON CO.
 DETECTOR LOOP DETAIL
 NOT TO SCALE



* DIMENSIONS ARE TO THE CENTER OF PAVEMENT MARKINGS

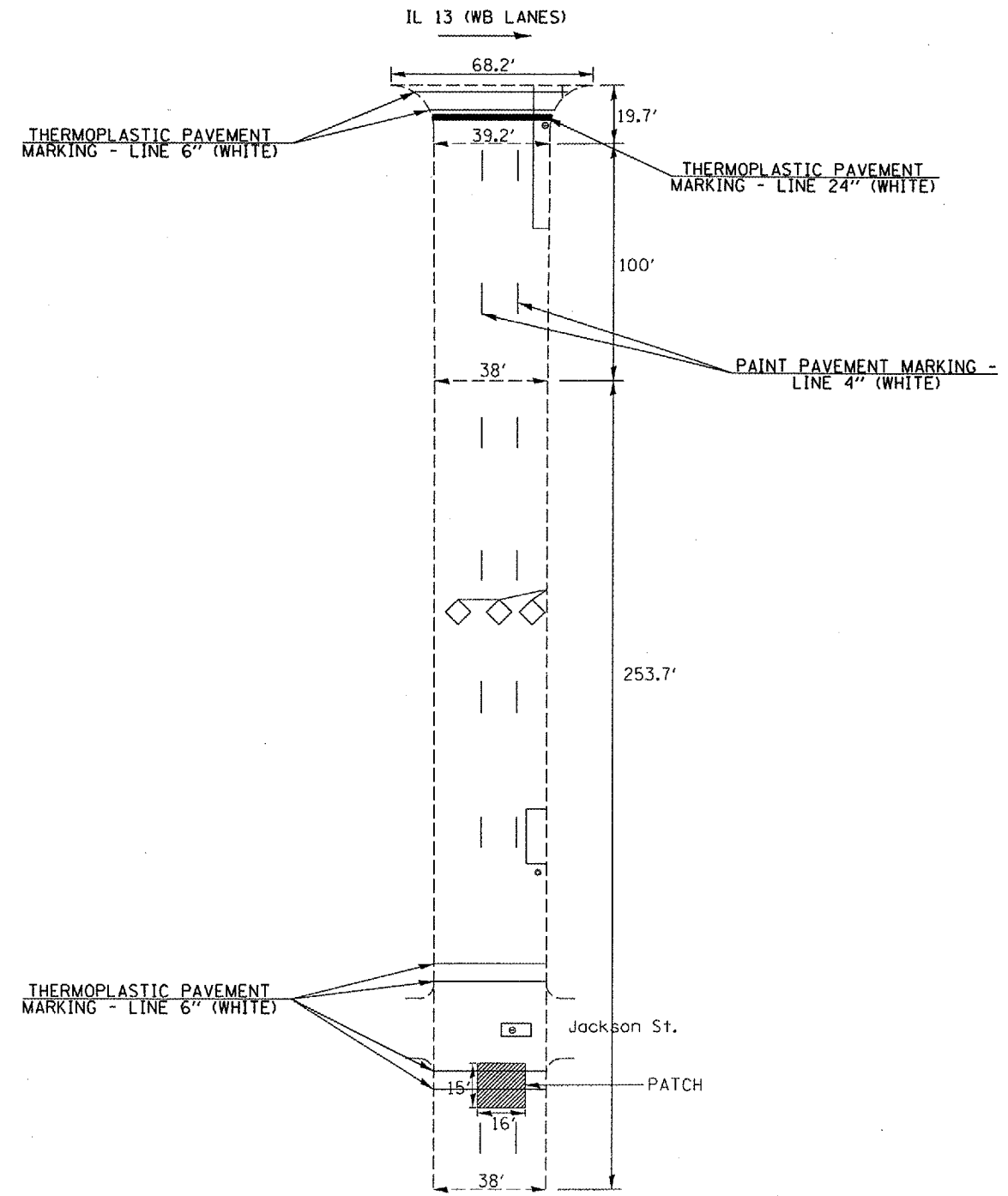
* DIMENSIONS ARE TO THE CENTER OF DETECTOR LOOPS

PLOT DATE = 2/9/2006
 FILE NAME = c:\prow\meta\j082006\lpmact-m32
 PLOT SCALE = 100.0000 / 1.00
 USER NAME = follar

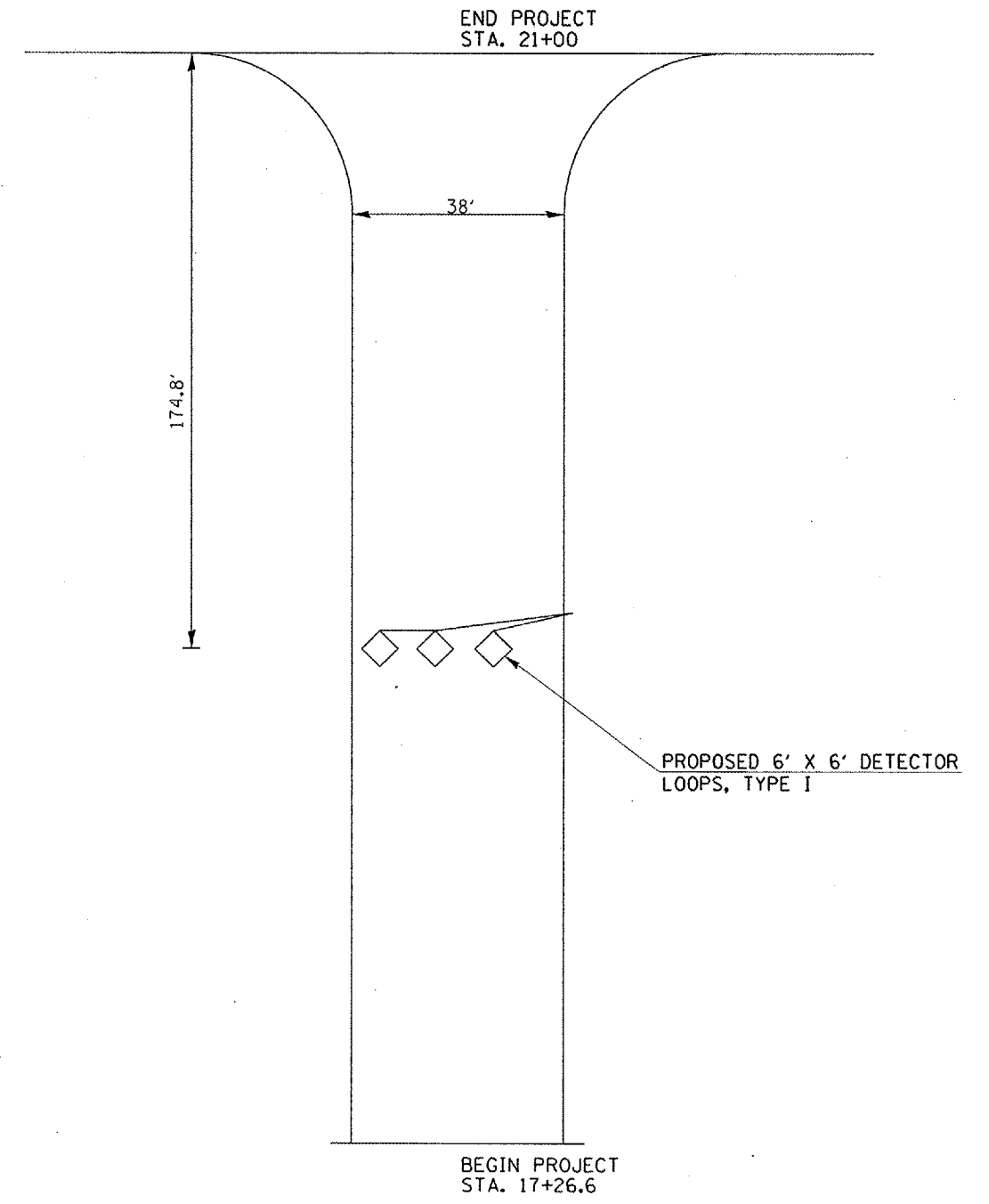
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	.	JACKSON	23	19
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* D-9 CONT. MAINT. FY 06-10

LOCATION #5
 FAP 322 (U.S. 51)
 JACKSON CO.
 PAVEMENT MARKING DETAIL
 NOT TO SCALE



LOCATION #5
 FAP 322 (U.S. 51)
 JACKSON CO.
 DETECTOR LOOP DETAIL
 NOT TO SCALE



PLOT DATE = 2/10/2006
 FILE NAME = c:\projects\98972\typical.mxd
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = frollav

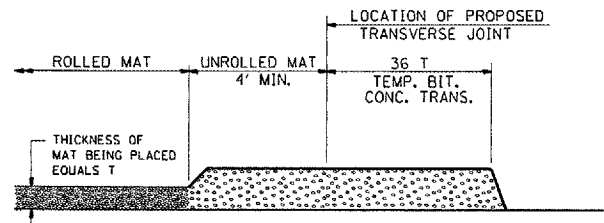
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		JACKSON	23	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* D-9 CONT. MAINT. FY 06-10

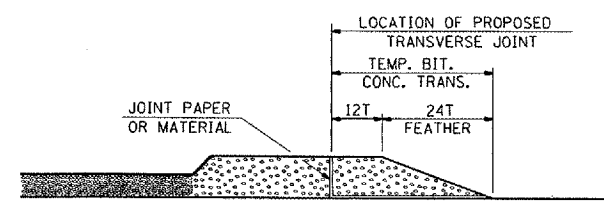
TEMPORARY BITUMINOUS CONCRETE TRANSITIONS

ILLINOIS STANDARD

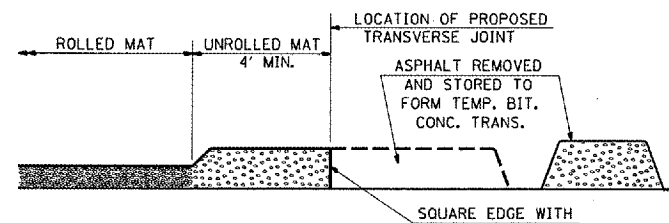
W8-1106



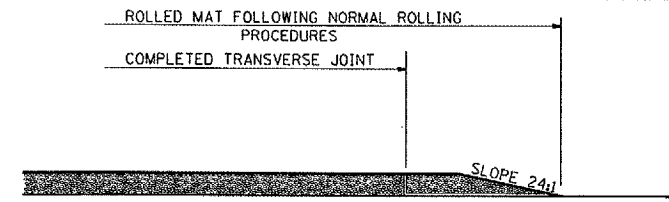
- STEP I**
- PLACE BITUMINOUS MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
 - EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



- STEP III**
- 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.
 - NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



- STEP II**
- MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY BITUMINOUS CONCRETE TRANSITION.
 - SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
 - NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.

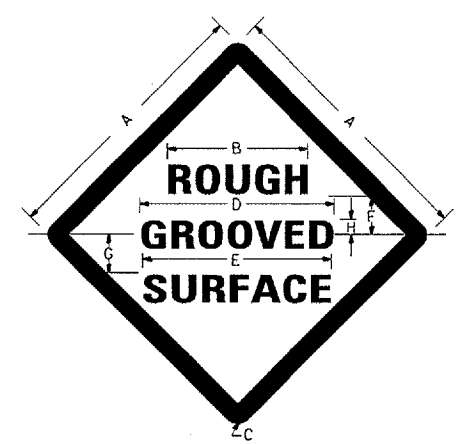


- STEP IV**
- COMPLETE TEMPORARY TRANSITION BY ROLLING.
 - TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
 - CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE BITUMINOUS MATERIAL BEING PLACED.

REVISIONS

REDESIGNED	2-15-99
REVISED	8-16-94
REVISED	
REVISED	

STD. 9-26



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

REDESIGNED	2-15-99
REVISED	4-6-93
REVISED	
REVISED	

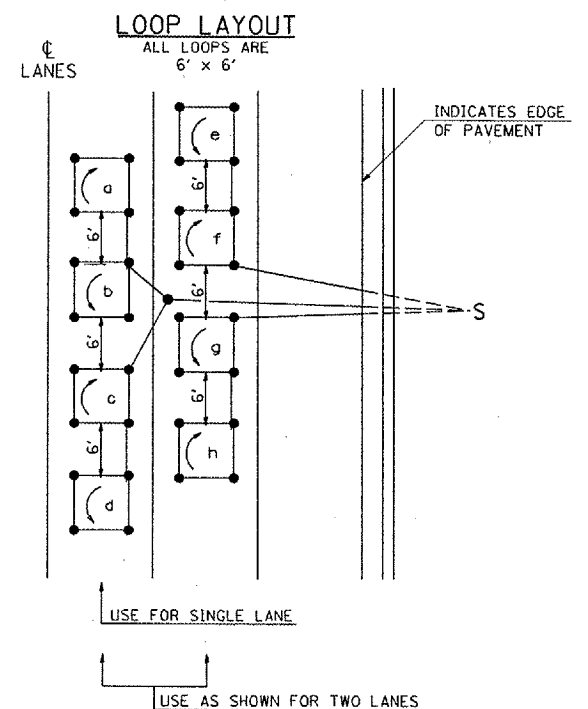
STD. 9-39

DETAIL OF DETECTOR LOOPS

UNEVEN LANES SIGN

W8-11 (48" x 48")

- NOTES**
(APPLIES TO 6' x 6' LOOPS ONLY)
- 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.
 - 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.
 - WHERE THE LOOPS ARE INSTALLED PRIOR TO RESURFACING, THE LOOP CORNERS SHALL BE DIAGONALLY CUT.



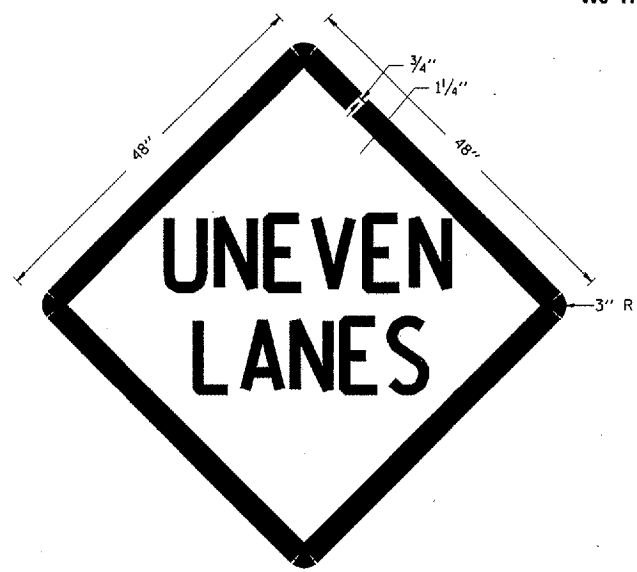
- LOOP LEGEND**
- () CLOCKWISE ROTATION FOR LOOP WIRES
 - () COUNTERCLOCKWISE ROTATION FOR LOOP WIRES
 - S INDICATES SPLICE POINT FOR DETECTOR LOOP LEAD
 - INDICATES 2" CORE-DRILL

DETAIL 6' x 6' DETECTOR LOOPS

REVISIONS

REDESIGNED	5-13-02
REVISED	
REVISED	
REVISED	

STD. 9-92



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.

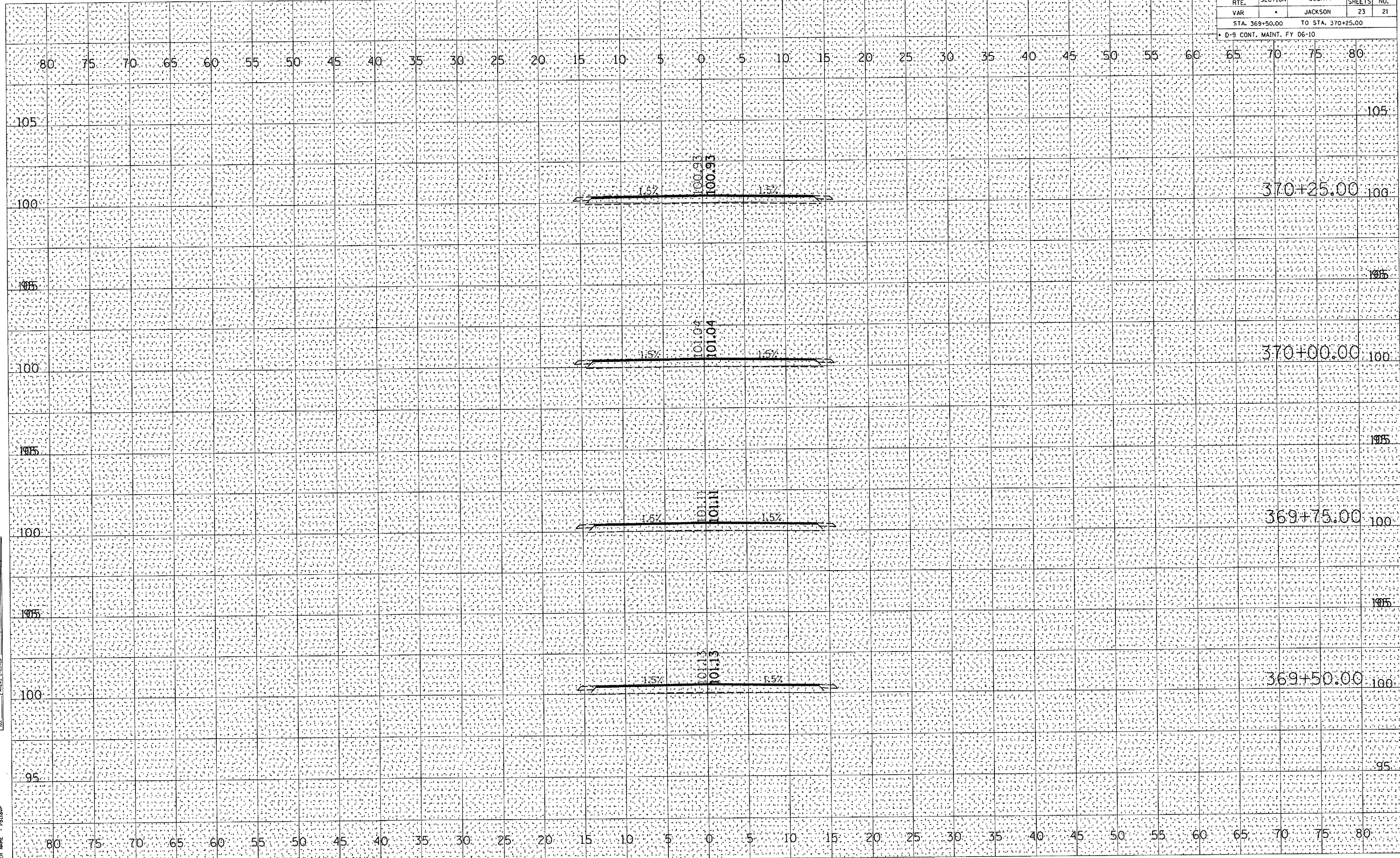
REVISIONS

REDESIGNED	2-15-89
REVISED	4-6-93
REVISED	7-23-04
REVISED	

STD. 9-41

PLOT DATE = 2/3/2006
FILE NAME = c:\p\projects\98972\98972.dwg
PLOT SCALE = 1/8"=1'-0"
USER NAME = polisar

U.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	JACKSON	23	21
STA. 369+50.00		TO STA. 370+25.00		
D-9 CONT. MAINT. FY 06-10				



DATE	BY

FINAL SURVEY
 SURVEYED BY: _____
 SURVEY NO.: _____
 DATE: _____
 CHECKED BY: _____
 CHECKED DATE: _____
 AREAS CHECKED: _____

DATE	BY

ORIGINAL SURVEY
 SURVEYED BY: _____
 SURVEY NO.: _____
 DATE: _____
 CHECKED BY: _____
 CHECKED DATE: _____
 AREAS CHECKED: _____

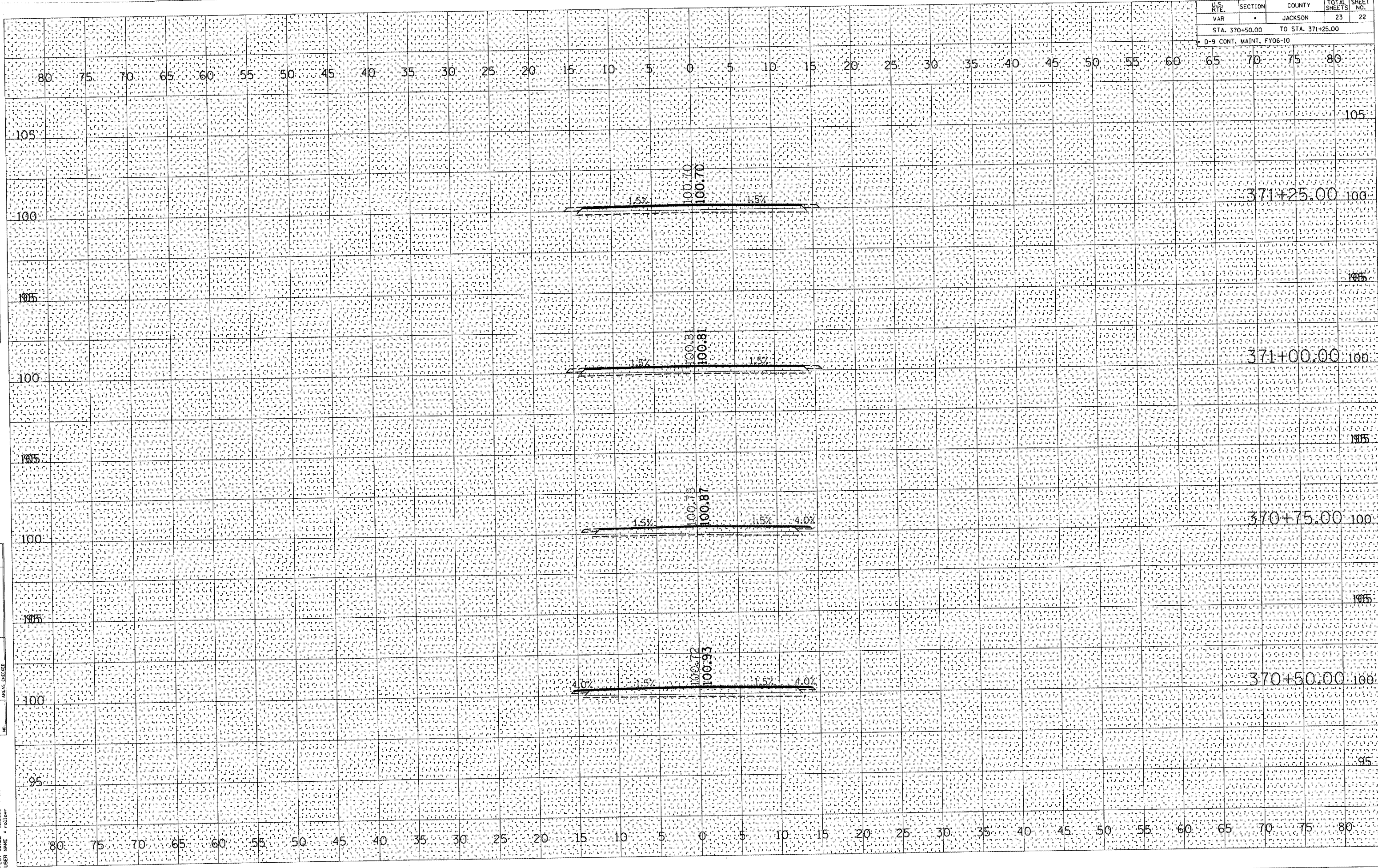
PLOT DATE : 2/9/2005
 FILE NAME : c:\pwworkspace\989886\989886.dwg
 USER NAME : rdlbaw

U.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	JACKSON	23	22
STA. 370+50.00 TO STA. 371+25.00				
D-9 CONT. MAINT. FY06-10				

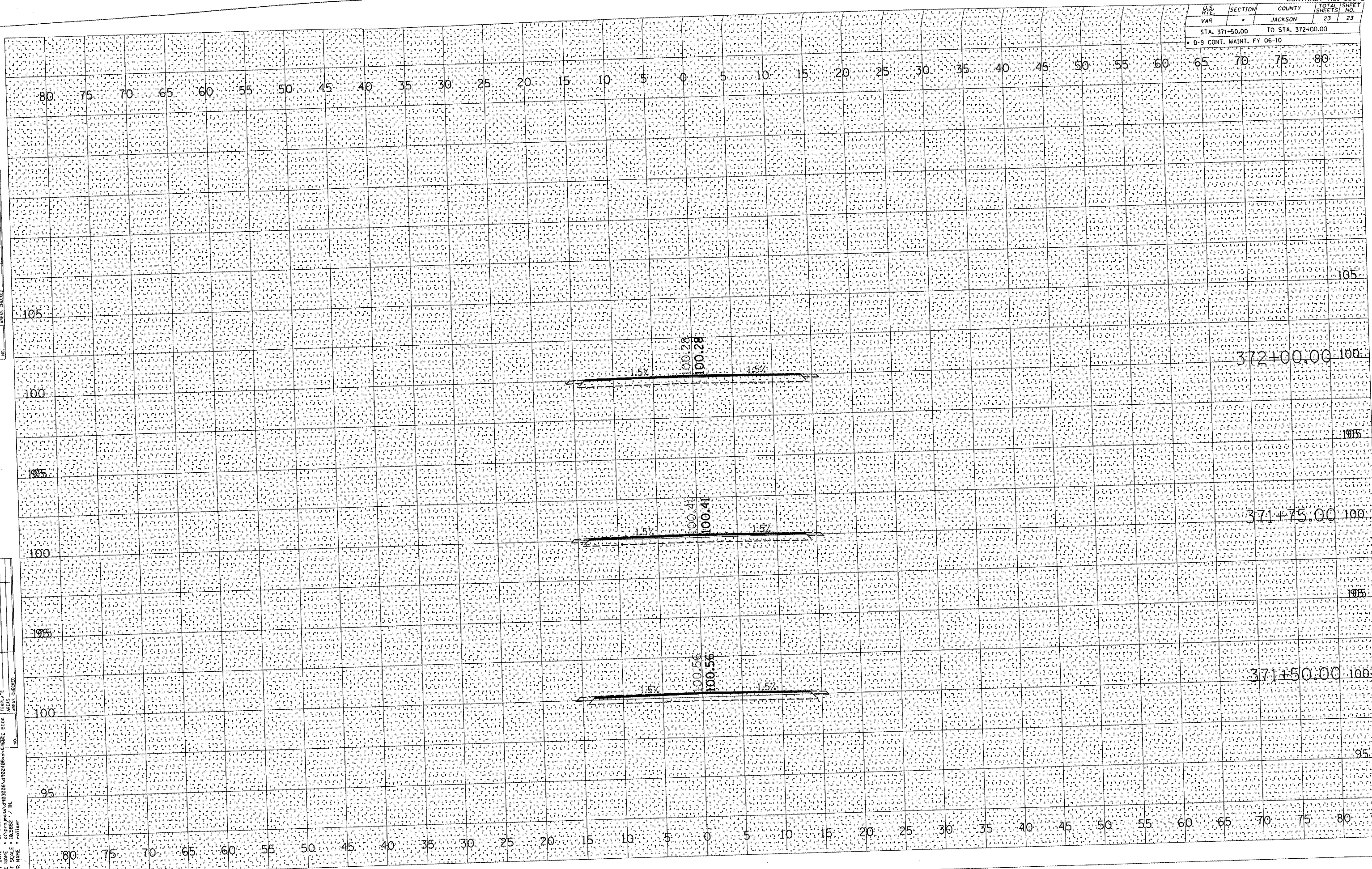
DATE	
BY	
FINAL SURVEY	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
TEMPLATE	
AREAS CHECKED	
NO.	

PLOT DATE : 2/9/2006
 FILE NAME : c:\pvs\pvs\p982006\p982006.dwg
 PLOT SCALE : 10.0000 / IN.
 USER NAME : rjellor



U.S. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	-	JACKSON	23	23
STA. 371+50.00			TO STA. 372+00.00	
D-9 CONT. MAINT. FY 06-10				



BY	DATE

FINAL	SURVEYED	DATE

BY	DATE

ORIGINAL	SURVEYED	DATE

PLOT DATE : 2/9/2008
 FILE NAME : c:\pwworkspace\98972\98972.dwg
 PLOT SCALE : 1/8" = 1'-0"
 USER NAME : rjlaw