

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	***	24	1

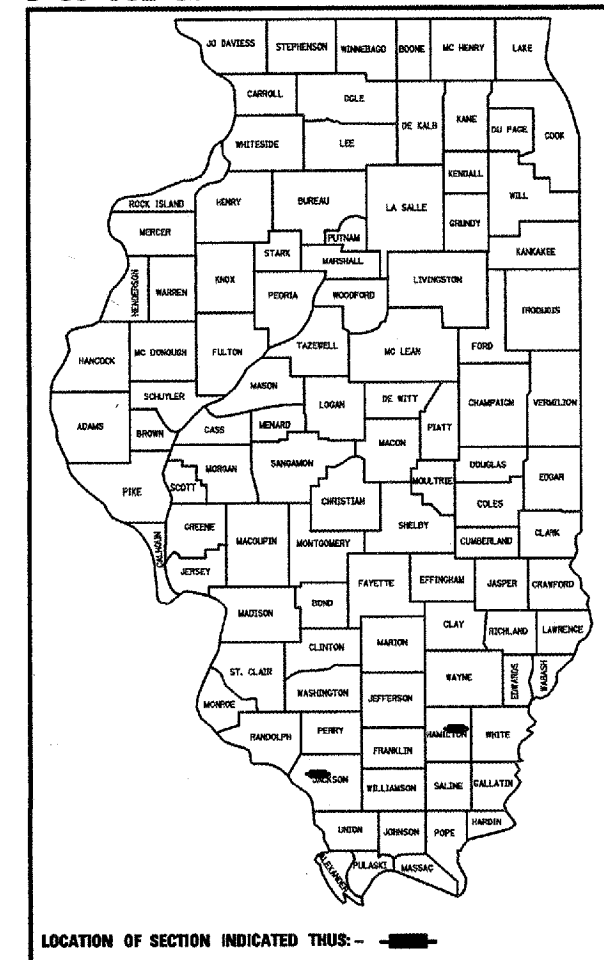
\*FAP 331 & FAP 776  
 \*\*101RS-5; (114Z)RS-3  
 \*\*\*JACKSON & HAMILTON

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

**PROPOSED  
 HIGHWAY PLANS**

FAP 331 & FAP 776  
 SECTION 101RS-5;(114Z)RS-3  
~~PROJECT~~  
 JACKSON AND HAMILTON COUNTIES  
 C-99-002-07

D-99-002-07



FOR INDEX OF SHEETS, SEE SHEET NO. 2

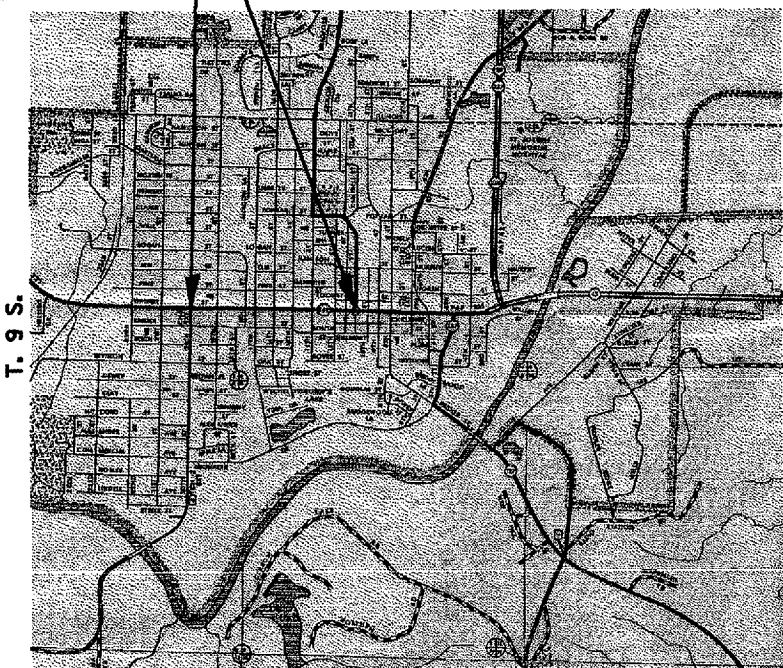
ADT (2006)  
 FAP 331 (IL 149) (MURPHYSBORO)  
 ADT = 14,300  
 PV = 13375  
 SUMU = 925  
 TRUCK = 6.4%

ADT (2006)  
 FAP 776 (IL 142) (MCLEANSBORO)  
 ADT = 3350  
 PV = 3000  
 SUMU = 350  
 TRUCK = 10.4%

LOCATION 1 -

FAP 331 (IL. 149) IN MURPHYSBORO,  
 JACKSON COUNTY  
 FROM STA. 13+00 AT 11TH ST.  
 TO STA. 55+62 AT 22ND ST.

R. 2 E.

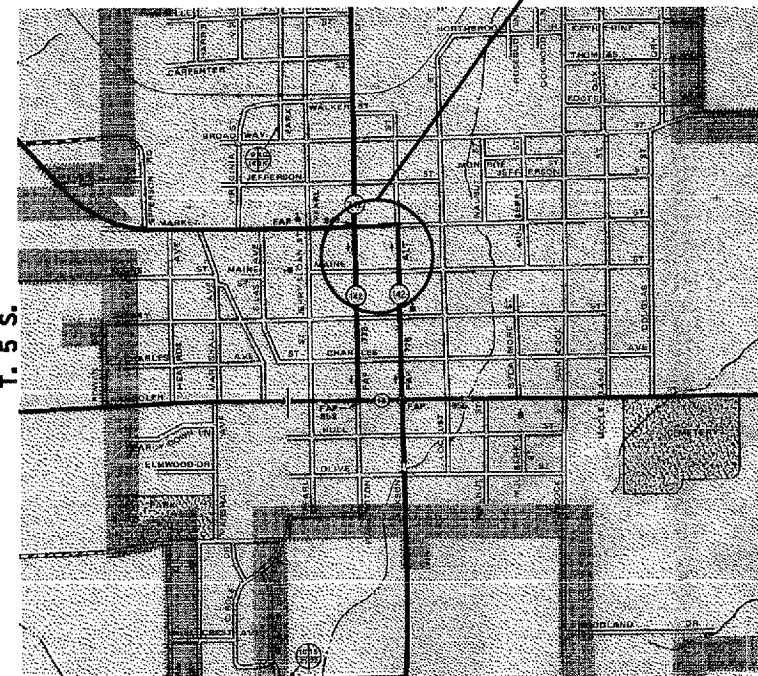


R. 2 E.

LOCATION 2:

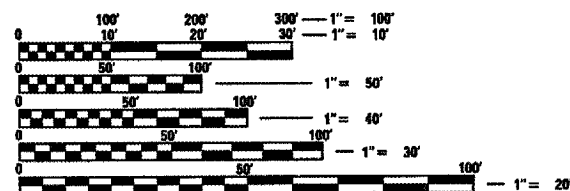
FAP 776 (IL. 142) IN MCLEANSBORO,  
 HAMILTON COUNTY  
 RESURFACING AROUND SQUARE

R. 6 E.



R. 6 E.

TOWNSHIPS: MURPHYSBORO AND MCLEANSBORO.



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

CONTRACT NO. 98987

LENGTH OF PROJECT:  
 MURPHYSBORO = 4262' = 0.807 MI.  
 MCLEANSBORO = 1233' = 0.233 MI.  
 TOTAL LENGTH = 5495' = 1.04 MI.

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED *February 2, 2007*  
*Milton R. Sees, P.E.*  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

*February 2, 2007*  
*Eric E. Harms, P.E.*  
 INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

*12/7 2006*  
*May C. Davis*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

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 OF THE STATE OF ILLINOIS**

PROJECT ENGINEER: CHARLES STEIN - (618)351-5210  
 DESIGN TECHNICIAN: KATH MCCORD - (618)351-5216

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	---	---	24	2
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

- FAP 331 & FAP 776
- \*\*10IRS-5; (1142)RS-3
- \*\*\*JACKSON & HAMILTON

PLOT DATE = 11/13/2006  
FILE NAME = c:\projects\98987\p1.mxd  
PLOT SCALE = 100:1  
USER NAME = mcdonald

Prepared By:	<i>Joe Zylfiewicz</i> DISTRICT STUDIES & PLANS ENGINEER
Examined By:	<i>James Lewis Emery</i> DISTRICT LAND ACQUISITION ENGINEER
Examined By:	<i>Conie Nelson</i> DISTRICT PROGRAM DEVELOPMENT ENGINEER
Examined By:	<i>Kevin Hammer</i> DISTRICT OPERATIONS ENGINEER
Examined By:	<i>Joseph Lynn</i> DISTRICT CONSTRUCTION ENGINEER
Examined By:	<i>Bruce D. Ples</i> DISTRICT MATERIALS ENGINEER
Examined By:	<i>Jim Snodgrass</i> DISTRICT PROJECT IMPLEMENTATION ENGINEER
Examined By:	<i>Raymond Clayton</i> ASSISTANT REGIONAL ENGINEER
Approved By:	<i>Walter C. Hammi</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
	DATE <i>Dec 7 2006</i>

**SIGNATURE BLOCK**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	---	---	24	3
STA. -----		TO STA. -----		
FED. ROAD DIST. NO. -		ILLINOIS FED. AID PROJECT		

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS AND HIGHWAY STANDARDS, CORE SCHEDULE
4	GENERAL NOTES; MIXTURE REQUIREMENTS
5	SUMMARY OF QUANTITIES
6 - 8	TYPICAL SECTIONS
9	SCHEDULES FOR MAINLINE AND PARKING LANE RESURFACING
10 - 12	SCHEDULE FOR PAVEMENT MARKING
13	LOCATION MAP FOR FAP 331 (IL 149) IN MURPHYSBORO
14 - 21	PAVEMENT MARKING DETAIL FOR FAP 331 (IL 149)
22	LOCATION MAP FOR FAP 776 (IL 142) IN MCLEANSBORO
23	PAVEMENT MARKING DETAIL FOR FAP 776 (IL 142)
24	STANDARD DETAILS - ROUGH GROOVED SURFACE SIGN; UNEVEN LANE SIGN; TEMP. BITUMINOUS CONCRETE TRANSITION

CORE SCHEDULE

LOCATION	DESCRIPTION
FAP 331 (IL 149)	
SOUTHEAST QUAD (JACKSON ST. & MAIN ST.)	3.5" BIT. ON BRICK BASE
NORTHEAST QUAD (JACKSON ST. & MARKET ST.)	2.25" BIT. ON BRICK BASE
FAP 776 (IL 142)	
WALNUT ST. & 13TH ST.	2.38" BIT. ON BRICK BASE
WALNUT ST. & 15TH ST.	4" BIT. ON BRICK BASE
WALNUT ST. & 20TH ST.	4" BIT. ON BRICK BASE

- FAP 331 & FAP 776
- 10IRS-5; (114Z)RS-3
- JACKSON & HAMILTON

HIGHWAY STANDARDS

442201-02	702001-06
701301-02	780001-01
701311-02	781001-02
701501-03	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	**	---	24	4
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

- FAP 331 & FAP 776
- 101RS-5; (114Z)RS-3
- JACKSON & HAMILTON

### 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 HOT-MIX ASPHALT IS PLACED.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES EXCEPT FOR QC/QA OF HOT-MIX ASPHALT MIXTURES:

ALL HOT-MIX ASPHALT CONCRETE.....2.016 TONS/CU.YD.  
 ALL AGGREGATE.....2.05 TONS/CU.YD.  
 BITUMINOUS MATERIALS (PRIME COAT)  
     ON PAVEMENT.....0.09 GALS./SQ. YD.  
     ON AGG. SURFACE.....0.32 GALS./SQ. YD.  
 AGGREGATE (PRIME COAT).....0.0015 TONS/SQ. YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS WAS BASED ON ONE APPLICATION EACH FOR THE PRIME COAT AND SURFACE COURSE.

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.

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

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, HOT-MIX ASPHALT RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTER-LINE EDGE IS EXPOSED TO TRAFFIC.

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

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

FOR SAWED JOINTS SEE SPECIAL PROVISIONS UNDER HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2".

THE CONTRACTOR SHOULD NOTE LOCATIONS OF "NO PARKING" AREAS AT MURPHYSBORO BEFORE MILLING. SOME PARKING AREAS HAVE BEEN ADJUSTED TO ACCOMODATE BETTER SITE DISTANCE AT INTERSECTIONS.

THERE ARE EXISTING MANHOLES AND VALVE VAULTS THROUGHOUT THESE TWO LOCATIONS. AFTER THE EXISTING SURFACE IS MILLED 1 1/2", IT WILL BE THE CONTRACTOR'S RESPONSIBILITY AND AT HIS EXPENSE TO PROTECT THESE STRUCTURES DURING THE TIME BETWEEN MILLING AND WHEN RESURFACING IS COMPLETED.

THE USE OF A VIBRATORY ROLLER SHALL BE PROHIBITED FOR THIS PRPOJECT. THE CONTRACTOR MAY HAVE TO MAKE ADJUSTMENTS TO HIS ROLLING PATTERN TO OBTAIN THE REQUIRED FIELD OF DENSITY.

THE COST OF ANY TEMPORARY RAMPS NEEDED ALONG SIDE STREETS AT THE MURPHYSBORO LOCATION SHALL BE INCLUDED IN THE COST OF THE PAY ITEM HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2".

### MIXTURE REQUIREMENTS:

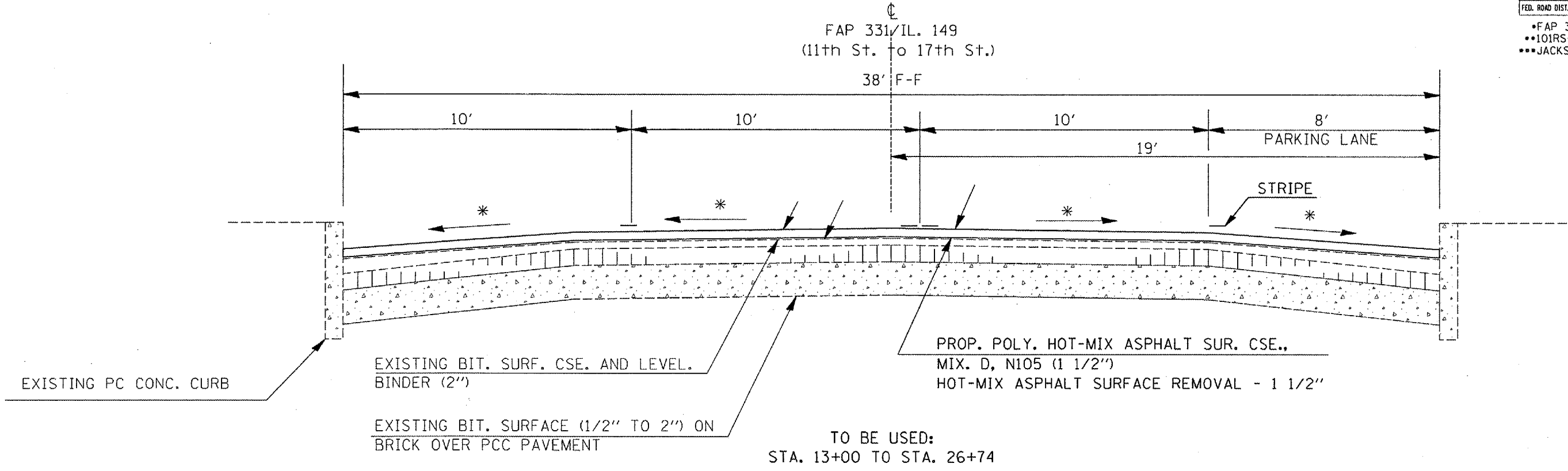
Location(s):	Hot-Mix Asphalt Surface Course (IL 149)
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mixture D, N105
AC/PG:	SBS PG76-22
RAP % (Max.):	0
Design Air Voids:	4.0%, 105 Gyration Superpave Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm or IL 12.5mm
Friction Aggregate:	D Surface

Location(s):	Hot-Mix Asphalt Surface Course (IL 142)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mixture C, N90
AC/PG:	PG64-22
RAP % (Max.):	10
Design Air Voids:	4.0%, 90 Gyration Superpave Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm or IL 12.5mm
Friction Aggregate:	C Surface

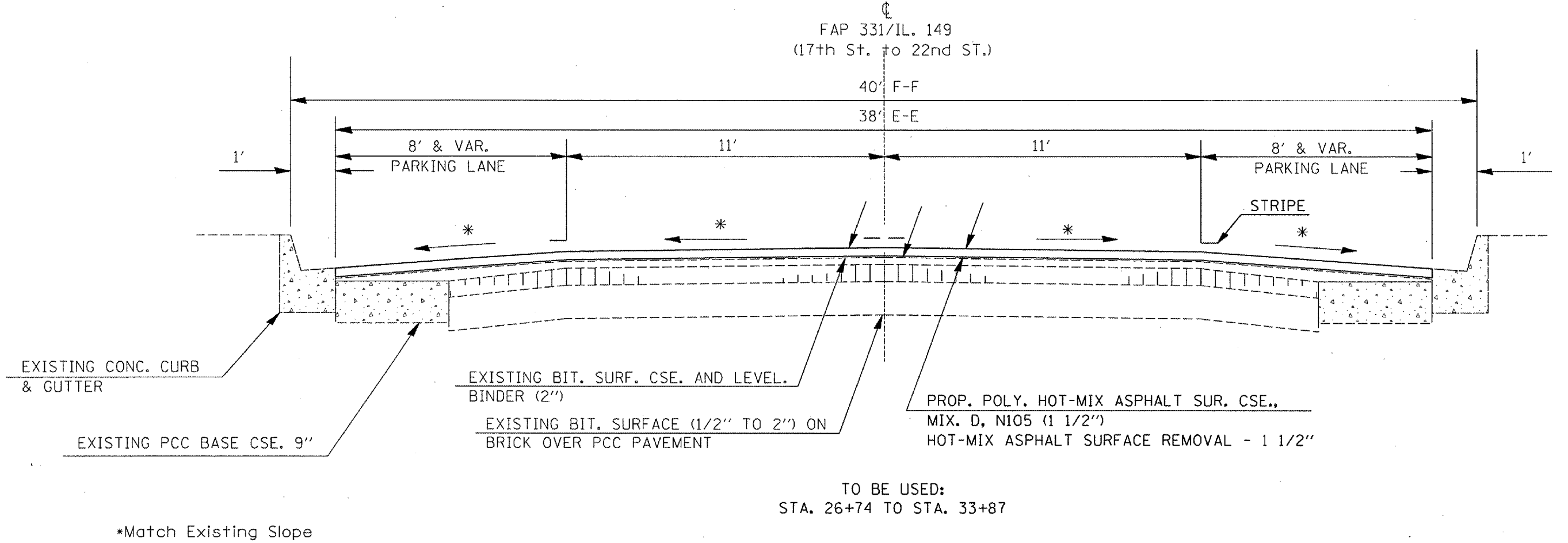


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..*	..*	..*	24	6
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				
*FAP 331 & FAP 776				
**101RS-5; (114Z)RS-3				
***JACKSON & HAMILTON				

# FAP 331 (IL. 149) TYPICAL SECTIONS



\*Match Existing Slope



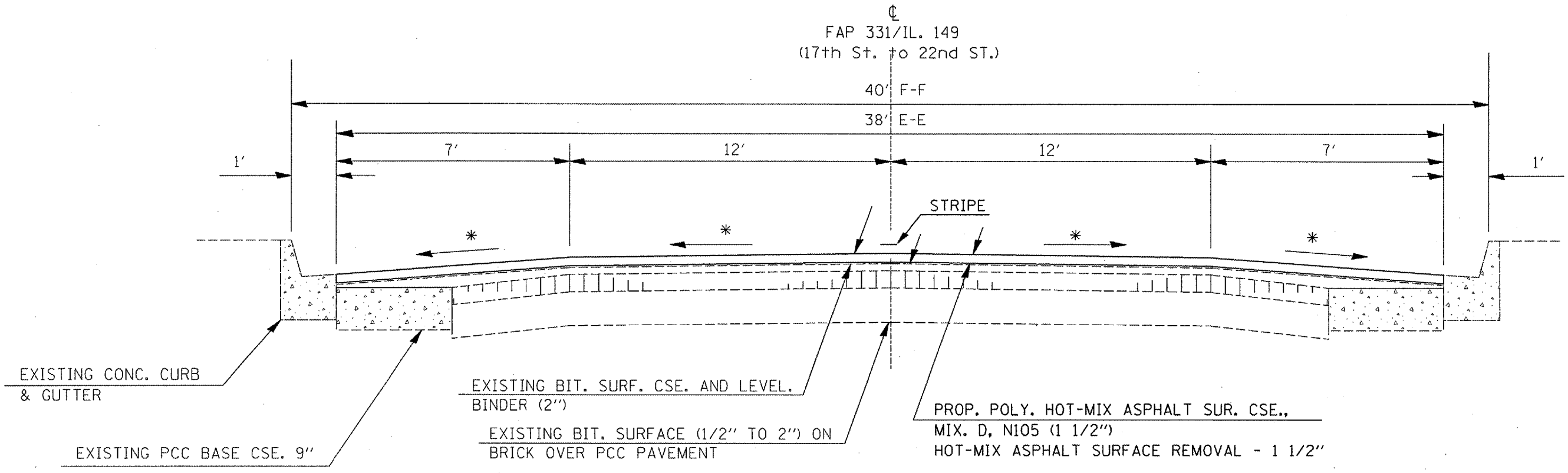
\*Match Existing Slope

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 USER NAME = mason@kbr

# FAP 331 (IL. 149) TYPICAL SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	---	---	24	7
STA. -----		TO STA. -----		
FED. ROAD DIST. NO. -		ILLINOIS	FED. AID PROJECT	

- FAP 331 & FAP 776
- 101RS-5; (1142)RS-3
- JACKSON & HAMILTON



TO BE USED:  
STA. 33+87 TO STA. 55+62

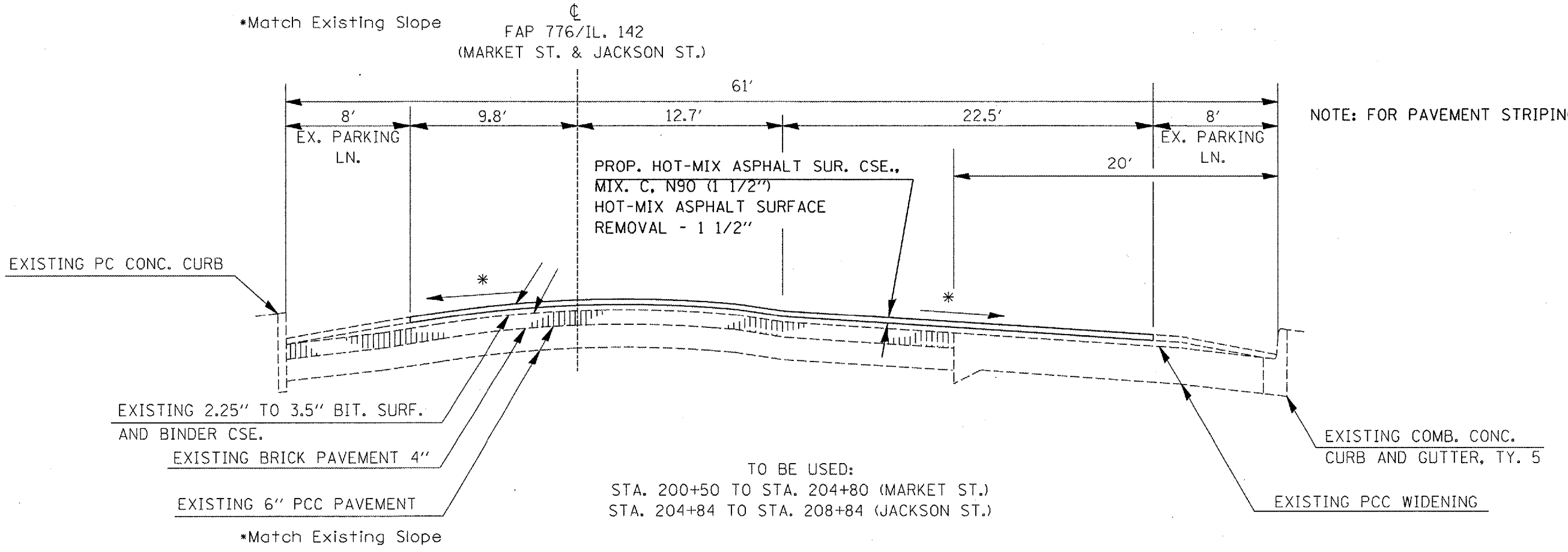
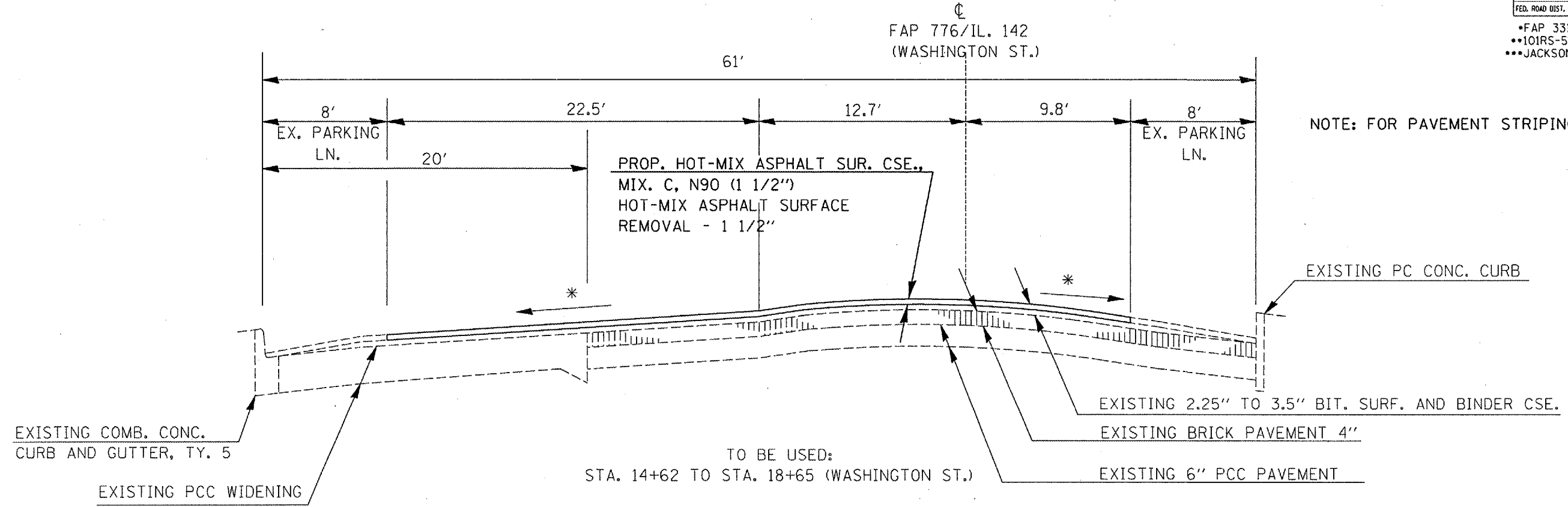
\*Match Existing Slope

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 USER NAME = meowder

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			24	8
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

# FAP 776 (IL. 142) TYPICAL SECTIONS

- FAP 331 & FAP 776
- 101RS-5; (114Z)RS-3
- JACKSON & HAMILTON



PLOT DATE = 12/12/2005  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = mscg06r



F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			24	9
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

- FAP 331 & FAP 776
- 10IRS-5; (114Z)RS-3
- JACKSON & HAMILTON

### MAINLINE RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH	ROADWAY WIDTH	ROADWAY AREA	HOT-MIX ASPH. SURF. REM. 1 1/2"	TEMPORARY RAMP	POLY. HOT-MIX ASPHALT S. C., MIX. D, N105	HOT-MIX ASPHALT S. C., MIX C, N 90	POLY. BIT. MATL. PR. CT	BIT. MAT. PRIME COAT	AGG. PRIME COAT											
											FOR INFORMATIONAL PURPOSE ONLY										
											FT	FT	SQ YD	SO YD	SO YD	TON	TON	GAL	GAL	TON	
FAP 331 (Murphysboro) - Sta. 13+00 to Sta. 55+62																					
11th St. to 17th St.	13+00.00 TO 33+10.00		6700	6700	16.7	563		603.0		10.0											
17th St. to 22nd St.	33+10.00 TO 55+62.00		9508	9508	21.1	799		856.0		14.3											
Subtotal - FAP 331		4262.0	16,208	16,208	38.0	1362	0	1,459.0	0.0	24.3											
FAP 776 (McLeansboro) - 3 Legs of Square																					
Washington St.	14+62 TO 15+40		615	615	25.0		52		55.4	0.9											
Market St.	200+50 TO 204+80	430.0	2372	2372	17.0		199		213.5	3.6											
Market St.	Lt. 204+41				30.0																
N. Washington St.	118+15				34.0																
Washington St.	15+40 TO 18+65	325.0	1620	1624	33.9		136		145.8	2.4											
Jackson St.	204+84 TO 208+84	400.0	2244	2244	26.0		189		202.0	3.4											
Jackson St.	Lt. 208+69				15.0																
Main St. (EBL)					13.0																
Main St. (Lt. Turn)					15.0																
SUBTOTAL - FAP 776		755.0	6,851	6,855	209.0	0	576	0.0	617	10.3											
TOTALS				23,063	247	1362	576	1,459	617	34.6											

### PARKING LANE RESURFACING SCHEDULE (MURPHYSBORO ONLY)

LOCATION STATION TO STATION	LENGTH	PARKING LN WIDTH	ROADWAY AREA	HOT-MIX ASP. SURF. REM. 1 1/2"	POLY. HOT-MIX ASP. S. C., SUPER. MIX. D, N105	HOT-MIX ASP. S. C., SUPER. MIX C, N 90	POLY. BIT. MATL. PRIME COAT	BIT. MATL. PRIME COAT	AGG. PRIME COAT										
										FOR INFORMATIONAL PURPOSE ONLY									
										FT	FT	SO YD	SO YD	TON	TON	GAL	GAL	TON	
FAP 331 (Murphysboro) - Sta. 13+00 to Sta. 55+62																			
Right	13+53.00 TO 14+88.00	8.0	120.0	120.0	10.1		10.8		0.18										
Right	15+39.00 TO 16+73.00	8.0	119.1	119.1	10.0		10.7		0.18										
Right	17+30.00 TO 21+09.00	8.0	336.9	336.9	28.3		30.3		0.51										
Right	21+61.00 TO 24+83.00	8.0	286.2	286.2	24.0		25.8		0.43										
Right	25+30.00 TO 30+72.00	8.0	481.8	481.8	40.5		43.4		0.72										
Left	26+74.00 TO 28+48.00	8.0	154.7	154.7	13.0		13.9		0.23										
Left	28+96.00 TO 32+02.00	8.0	272.0	272.0	22.8		24.5		0.41										
TOTAL - FAP 331		1686.0	1,771	1,771	149.0	0.0	160.0	0.0	2.7										

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 USER NAME = mccordr

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	---	---	24	19
STA. -----		TO STA. -----		
FED. ROAD DIST. NO. -		ILLINOIS FED. AID PROJECT		

# MAINLINE PAVEMENT MARKING SCHEDULE

•FAP 331 & FAP 776  
 ••101RS-5; (114Z)RS-3  
 •••JACKSON & HAMILTON

STATION TO STATION				THERMOPLASTIC PAVEMENT MARKING					TEMPORARY					NOTES		
				4 INCH WHITE	4 INCH YELLOW	4 INCH SKIP-DASH YELLOW	6 INCH WHITE	12 INCH YELLOW	24 INCH WHITE	LTRS & SYMB WHITE	4 INCH	6 INCH	12 INCH		24 INCH	LTRS & SYMB WHITE
				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	SQ FT	
McLeansboro - FAP 776 ( IL 142)																
Washington St.																
	15+40.0						130					130				CROSSWALK
	15+40.0	TO	18+63.0			85					85					STOP BAR
	18+63.0								61				61			LEFT TURN LANE ONLY
LEFT	17+43.0	TO	18+63.0	125.0							125					LT TURN ARROW
LEFT	17+53.0										20.8				20.8	
LEFT	17+74.0										15.6				15.6	
Market St.																
RIGHT	200+20.0	TO	200+50.0	65				20			65		20			ISLAND MARKINGS
	200+60.0								61					61		STOP BAR
RIGHT	200+60.0	TO	201+85.0	125							125					RIGHT TURN LANE
RIGHT	200+60.0	TO	201+85.0	125							125					THRU LANE
RIGHT	201+85.0	TO	203+00.0			30					30					
RIGHT	203+00.0	TO	205+05.0	205							205					
	205+50.0						130						130			CROSSWALK
LEFT	204+41.0						65						65			CROSSWALK
LEFT	201+50.0										15.6				15.6	RIGHT TURN ARROW
LEFT	201+70.0										20.8				20.8	ONLY
RIGHT	201+50.0										11.6				11.6	THRU ARROW
RIGHT	201+70.0										20.8				20.8	ONLY
RIGHT	201+50.0										15.6				15.6	LT TURN ARROW
RIGHT	201+70.0										20.8				20.8	ONLY
Jackson St.																
LEFT	205+05.0	TO	205+55.0	50							50					
LEFT	205+55.0	TO	208+84.0			85					85					
RIGHT	208+51.0								25					25		STOP BAR
LEFT	208+69.0						55						55			CROSSWALK
MCLEANSBORO SUB-TOTALS				695.0	0.0	200.0	380.0	20.0	147.0	141.6	895.0	380.0	20.0	147.0	141.6	
Murphysboro - FAP 331 ( IL 149)																
	13+00.0						88.0						88.0			CROSSWALK
	13+47.0						88.0						88.0			CROSSWALK
	13+59.0								20.0					20.0		STOP BAR
LEFT	13+59.0	TO	14+06.0	47.0							47.0					
	13+59.0	TO	14+88.0		260.0						260.0					DBL YELLOW
	14+65.0	TO	14+88.0	23.0							23.0					
	14+88.0						80.0						80.0			CROSSWALK
	15+40.0						80.0						80.0			CROSSWALK
LEFT	15+40.0	TO	15+64.0	25.0							25.0					
	13+59.0	TO	14+88.0		260.0						260.0					DBL YELLOW
	16+21.0	TO	16+73.0	52.0							52.0					
	16+73.0								20.0					20.0		STOP BAR
	16+77.0						94.0						94.0			CROSSWALK
	17+22.0						94.0						94.0			CROSSWALK
	17+34.0								20					20		STOP BAR
LEFT	17+34.0	TO	17+91.0	57.0							57.0					
	17+34.0	TO	21+03.0		1,240.0						1,240.0					DBL YELLOW
	17+91.0	TO	20+44.0						105				105			DIAGONALS
RIGHT	20+44.0	TO	21+03.0	60.0							60.0					
	21+03.0								20					20		STOP BAR
	21+09.0						76.0						76.0			CROSSWALK
	21+55.0						85.0						85.0			CROSSWALK
	21+65.0								20					20		STOP BAR
LEFT	21+64.0	TO	22+22.0	54.0							54.0					
	21+65.0	TO	24+17.0		850.0						850.0					DBL YELLOW
	22+22.0	TO	24+17.0										45		45	DIAGONALS
	24+17.0	TO	30+92.0								170.0					
	24+83.0						82.0						82.0			CROSSWALK
	25+24.0						82.0						82.0			CROSSWALK
	28+48.0						80.0						80.0			CROSSWALK
	28+90.0						80.0						80.0			CROSSWALK
	30+92.0	TO	32+02.0		110.0						110.0					DBL YELLOW

PLOT DATE = 12/12/2006  
 FILE NAME = c:\pcc\mca\p980287\p980187.plt  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = mca



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	---	---	24	12
STA. -----		TO STA. -----		
FED. ROAD DIST. NO. -		ILLINOIS FED. AID PROJECT		

- FAP 331 & FAP 776
- 101RS-5; (114Z)RS-3
- JACKSON & HAMILTON

## PARKING LANE PAVEMENT MARKING SCHEDULE

PARKING LANE PAVEMENT MARKING SCHEDULE

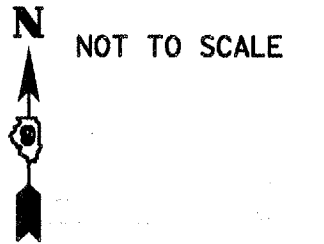
STATION TO STATION				THERMOPLASTIC PAVEMENT MARKING			TEMPORARY		NOTES
				4 INCH WHITE	4 INCH YELLOW (NO PARKING)	LTRS & SYMB WHITE	4 INCH	LTRS & SYMB WHITE	
				FOOT	FOOT	SQ FT	FOOT	SQ FT	
Murphysboro - FAP 331 (IL 149)									
RIGHT	13+53.0	TO	14+88.0	77.0	243.0		320.0		PARKING LANE
RIGHT	15+39.0	TO	16+77.0	74.0	261.0		335.0		PARKING LANE
RIGHT	17+28.0	TO	19+16.0	88.0	380.0		468.0		PARKING LANE
RIGHT	19+45.0	TO	21+09.0	134.0	210.0		344.0		PARKING LANE
RIGHT	21+61.0	TO	24+83.0	134.0	486.0		620.0		PARKING LANE
RIGHT	25+30.0	TO	27+28.0	132.0	186.0		318.0		PARKING LANE
RIGHT	28+96.0	TO	30+72.0	112.0	216.0		328.0		PARKING LANE
LEFT	26+74.0	TO	28+48.0	172.0	158.0		330.0		PARKING LANE
LEFT	28+96.0	TO	30+69.0	108.0	280.0		388.0		PARKING LANE
LEFT	30+95.0	TO	32+02.0	82.0	155.0		237.0		PARKING LANE
MURPHYSBORO SUB-TOTALS				1,113.0	2,575.0	0.0	3,688.0	0.0	

NOTE: SEE PARKING LANE PLANS FOR LOCATION OF NO PARKING AREAS.

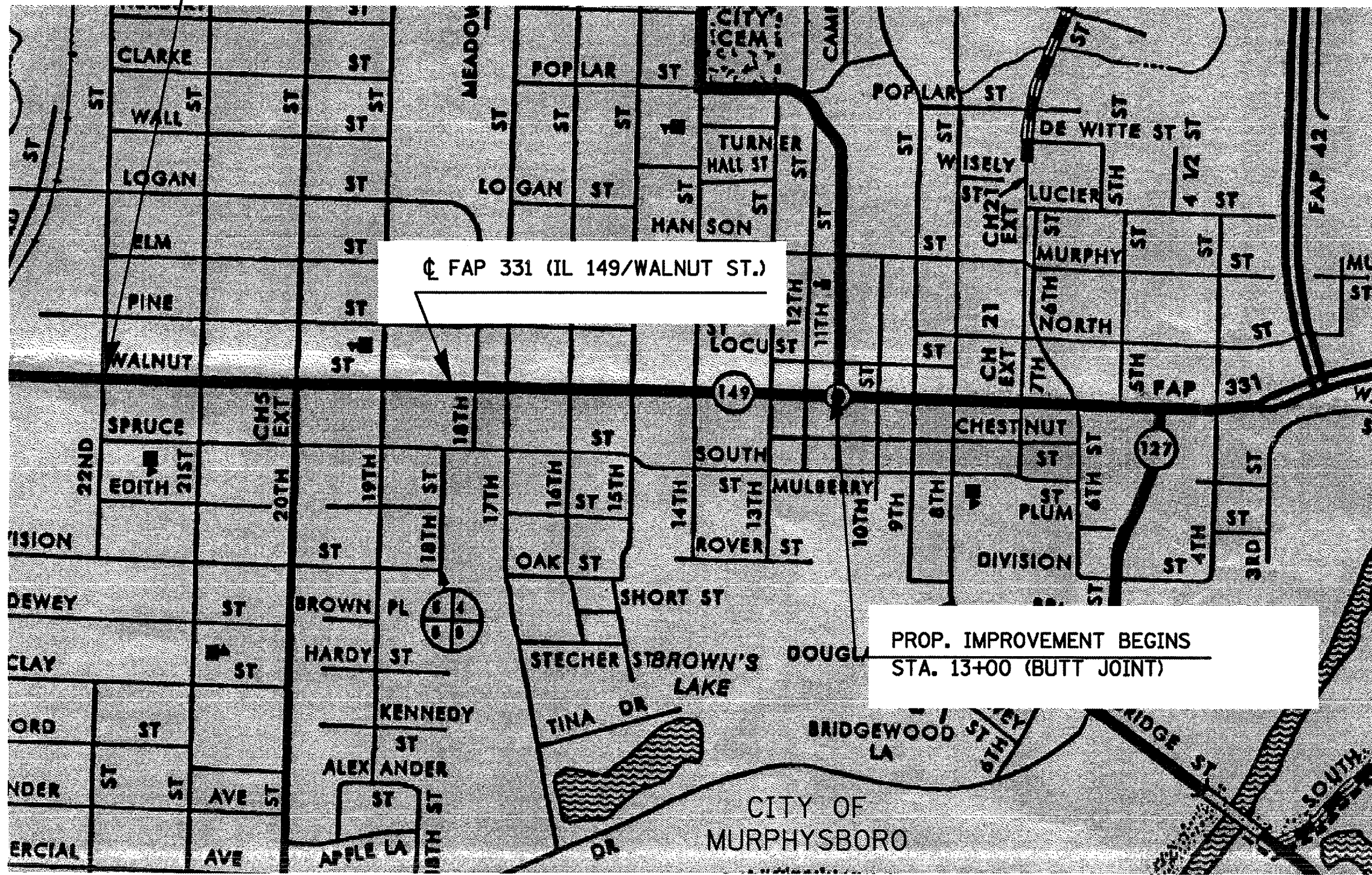
PLOT DATE = 12/12/2006  
 FILE NAME = H:\projects\98987\98987.dwg  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = mscandor

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	•24	13
STA. _____ TO STA. _____		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		

- FAP 331 & FAP 776
- 101RS-5;(114Z)RS-3
- JACKSON & HAMILTON COS.



PROP. IMPROVEMENT ENDS  
STA. 55+62 (BUTT JOINT)



☪ FAP 331 (IL 149/WALNUT ST.)

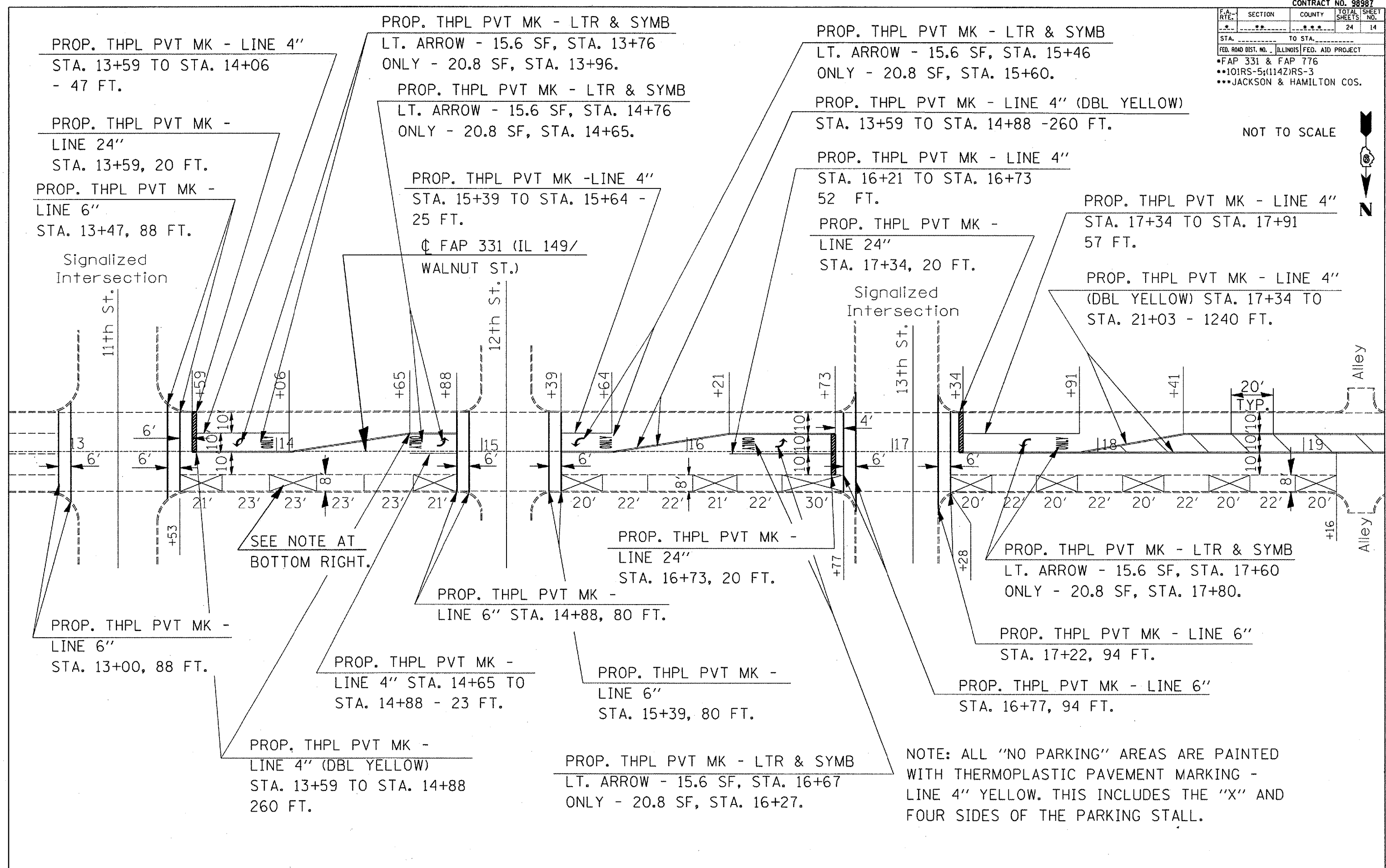
PROP. IMPROVEMENT BEGINS  
STA. 13+00 (BUTT JOINT)

12/12/2006  
 12/12/2006  
 12/12/2006  
 12/12/2006

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	..	24	14

STA. \_\_\_\_\_ TO STA. \_\_\_\_\_  
 FED. ROAD DIST. NO. \_\_\_\_\_ ILLINOIS FED. AID PROJECT  
 \*FAP 331 & FAP 776  
 \*\*101RS-5;(114Z)RS-3  
 \*\*\*JACKSON & HAMILTON COS.

NOT TO SCALE



SEE NOTE AT BOTTOM RIGHT.

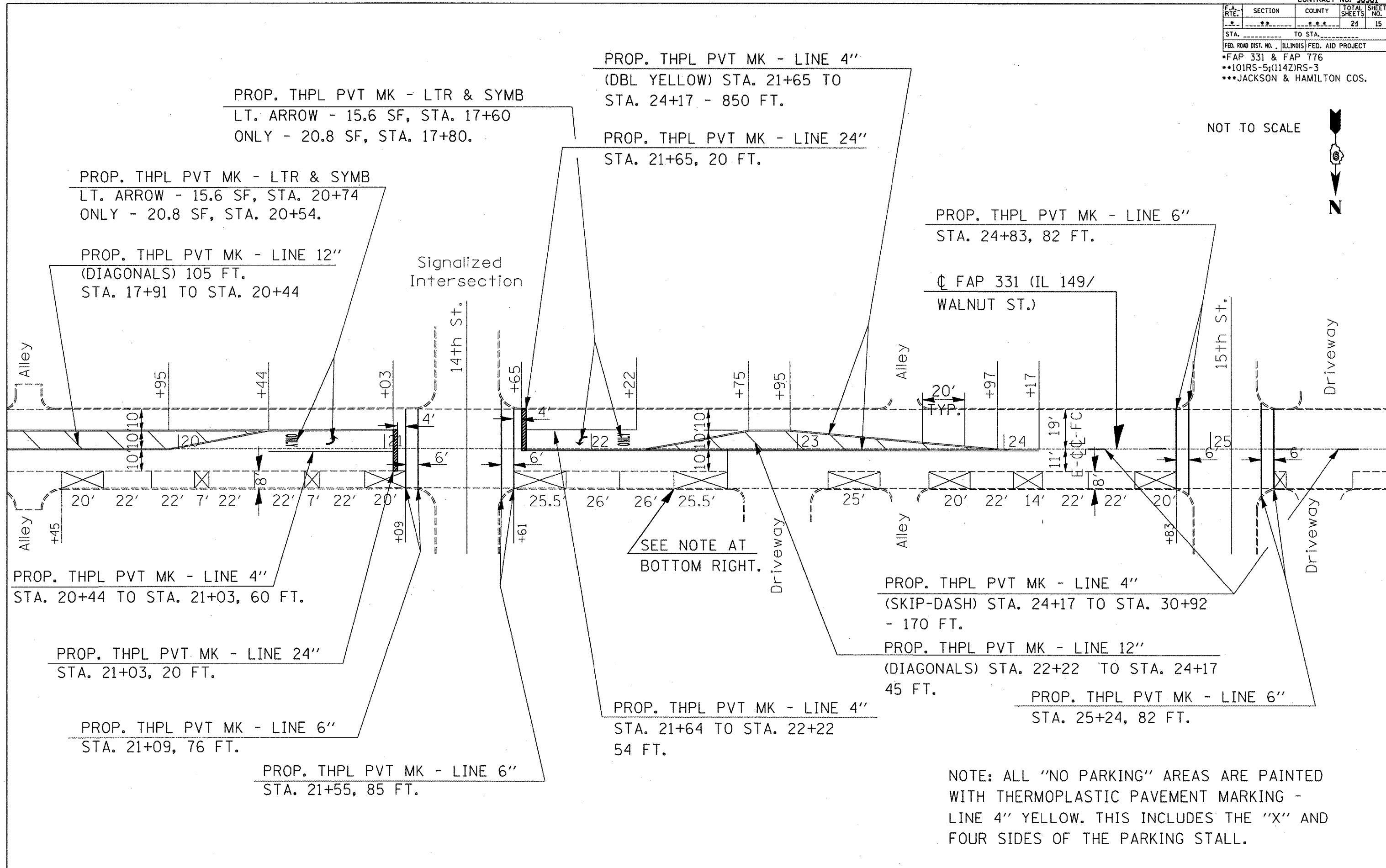
NOTE: ALL "NO PARKING" AREAS ARE PAINTED WITH THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW. THIS INCLUDES THE "X" AND FOUR SIDES OF THE PARKING STALL.

PLOT DATE = 12/12/2006  
 FILE NAME = c:\pav\projects\98987\98987.dwg  
 PLOT SCALE = 1/8" = 1' IN.  
 USER NAME = mcs@jhr.com

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2	22	...	24	15
STA. ...		TO STA. ...		
FED. ROAD DIST. NO. ...		ILLINOIS FED. AID PROJECT		

•FAP 331 & FAP 776  
 •101RS-5;(114Z)RS-3  
 ••JACKSON & HAMILTON COS.

NOT TO SCALE



PROP. THPL PVT MK - LTR & SYMB  
 LT. ARROW - 15.6 SF, STA. 17+60  
 ONLY - 20.8 SF, STA. 17+80.

PROP. THPL PVT MK - LINE 4"  
 (DBL YELLOW) STA. 21+65 TO  
 STA. 24+17 - 850 FT.

PROP. THPL PVT MK - LINE 24"  
 STA. 21+65, 20 FT.

PROP. THPL PVT MK - LTR & SYMB  
 LT. ARROW - 15.6 SF, STA. 20+74  
 ONLY - 20.8 SF, STA. 20+54.

PROP. THPL PVT MK - LINE 6"  
 STA. 24+83, 82 FT.

PROP. THPL PVT MK - LINE 12"  
 (DIAGONALS) 105 FT.  
 STA. 17+91 TO STA. 20+44

☐ FAP 331 (IL 149/  
 WALNUT ST.)

Signalized  
 Intersection

14th St.

15th St.

SEE NOTE AT  
 BOTTOM RIGHT.

PROP. THPL PVT MK - LINE 4"  
 STA. 20+44 TO STA. 21+03, 60 FT.

PROP. THPL PVT MK - LINE 4"  
 (SKIP-DASH) STA. 24+17 TO STA. 30+92  
 - 170 FT.

PROP. THPL PVT MK - LINE 24"  
 STA. 21+03, 20 FT.

PROP. THPL PVT MK - LINE 12"  
 (DIAGONALS) STA. 22+22 TO STA. 24+17  
 45 FT.

PROP. THPL PVT MK - LINE 6"  
 STA. 21+09, 76 FT.

PROP. THPL PVT MK - LINE 6"  
 STA. 25+24, 82 FT.

PROP. THPL PVT MK - LINE 6"  
 STA. 21+55, 85 FT.

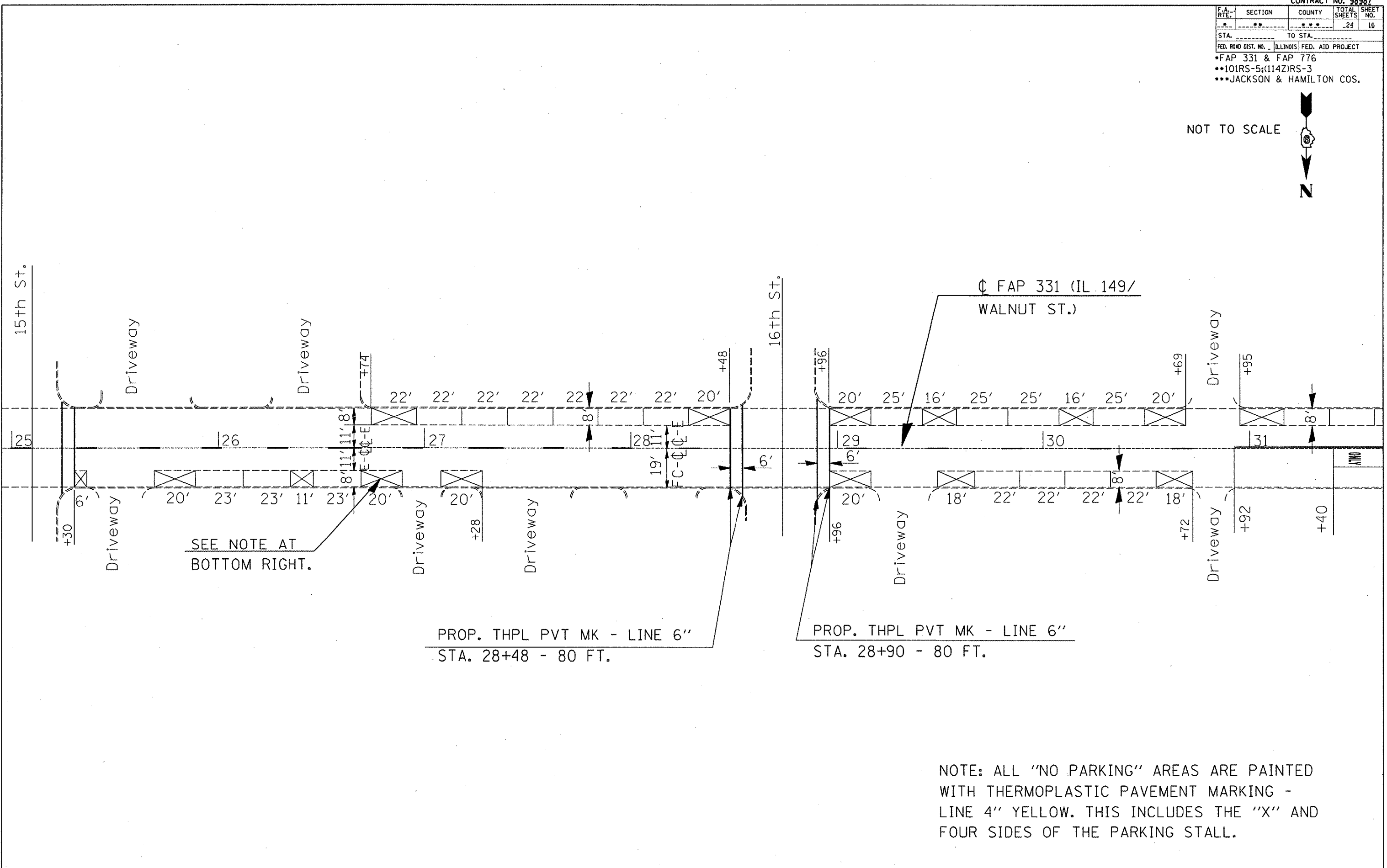
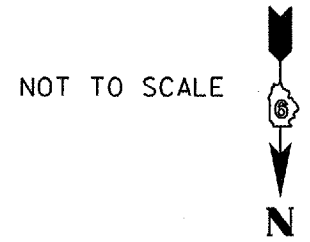
PROP. THPL PVT MK - LINE 4"  
 STA. 21+64 TO STA. 22+22  
 54 FT.

NOTE: ALL "NO PARKING" AREAS ARE PAINTED  
 WITH THERMOPLASTIC PAVEMENT MARKING -  
 LINE 4" YELLOW. THIS INCLUDES THE "X" AND  
 FOUR SIDES OF THE PARKING STALL.

PLOT DATE = 12/12/2006  
 FILE NAME = c:\p\j\m\98987\p15.dwg  
 PLOT SCALE = 42.5000 / IN.  
 USER NAME = mcdorner

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	..	24	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- FAP 331 & FAP 776
- 101RS-5;(114Z)RS-3
- JACKSON & HAMILTON COS.



SEE NOTE AT  
BOTTOM RIGHT.

PROP. THPL PVT MK - LINE 6"  
STA. 28+48 - 80 FT.

PROP. THPL PVT MK - LINE 6"  
STA. 28+90 - 80 FT.

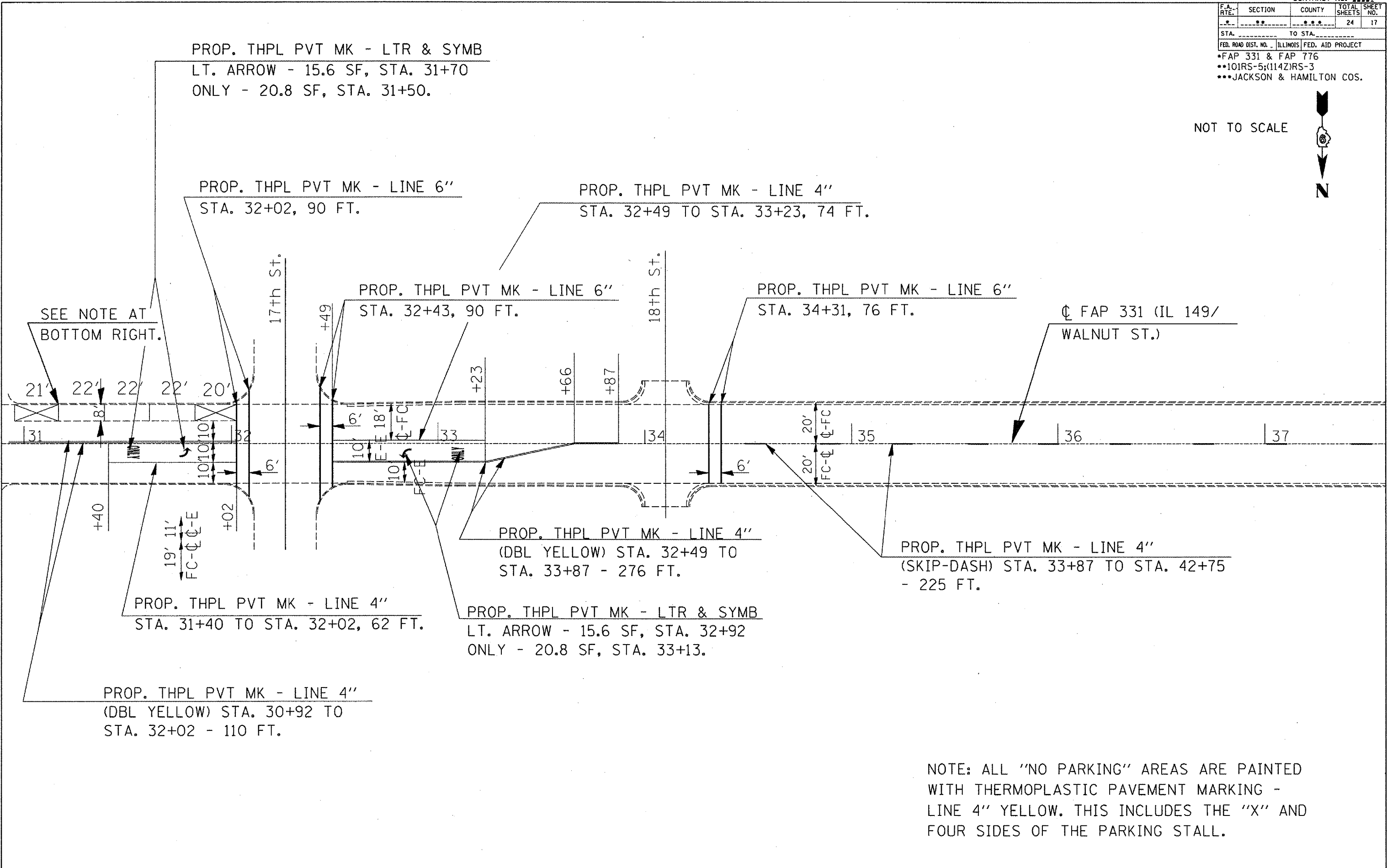
NOTE: ALL "NO PARKING" AREAS ARE PAINTED WITH THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW. THIS INCLUDES THE "X" AND FOUR SIDES OF THE PARKING STALL.

PLOT DATE = 12/12/2005  
FILE NAME = c:\p\proj\99987\p\001077.m32  
PLOT SCALE = 42.3529' / IN.  
USER NAME = mcdonald



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..*	..*	..*	24	17
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
*FAP 331 & FAP 776				
**101RS-5;(114Z)RS-3				
***JACKSON & HAMILTON COS.				

NOT TO SCALE



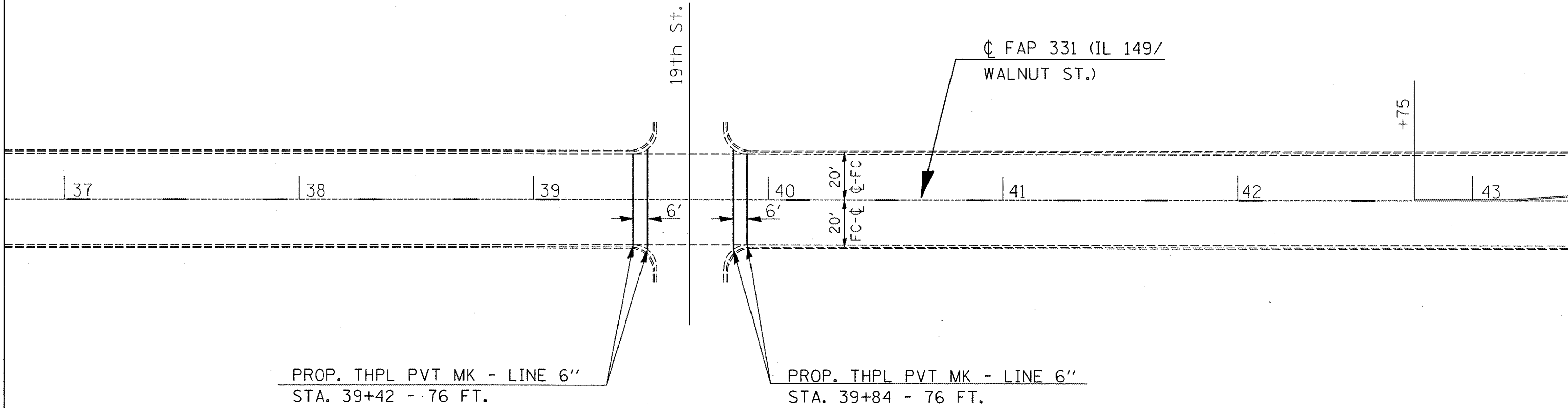
NOTE: ALL "NO PARKING" AREAS ARE PAINTED WITH THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW. THIS INCLUDES THE "X" AND FOUR SIDES OF THE PARKING STALL.

PLOT DATE = 12/12/2006  
 FILE NAME = m:\projects\98987\p100107.plt  
 PLOT SCALE = 42.3528' / IN.  
 USER NAME = mscardr

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	..	24	18
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

- FAP 331 & FAP 776
- 101RS-5;(114Z)RS-3
- JACKSON & HAMILTON COS.

NOT TO SCALE



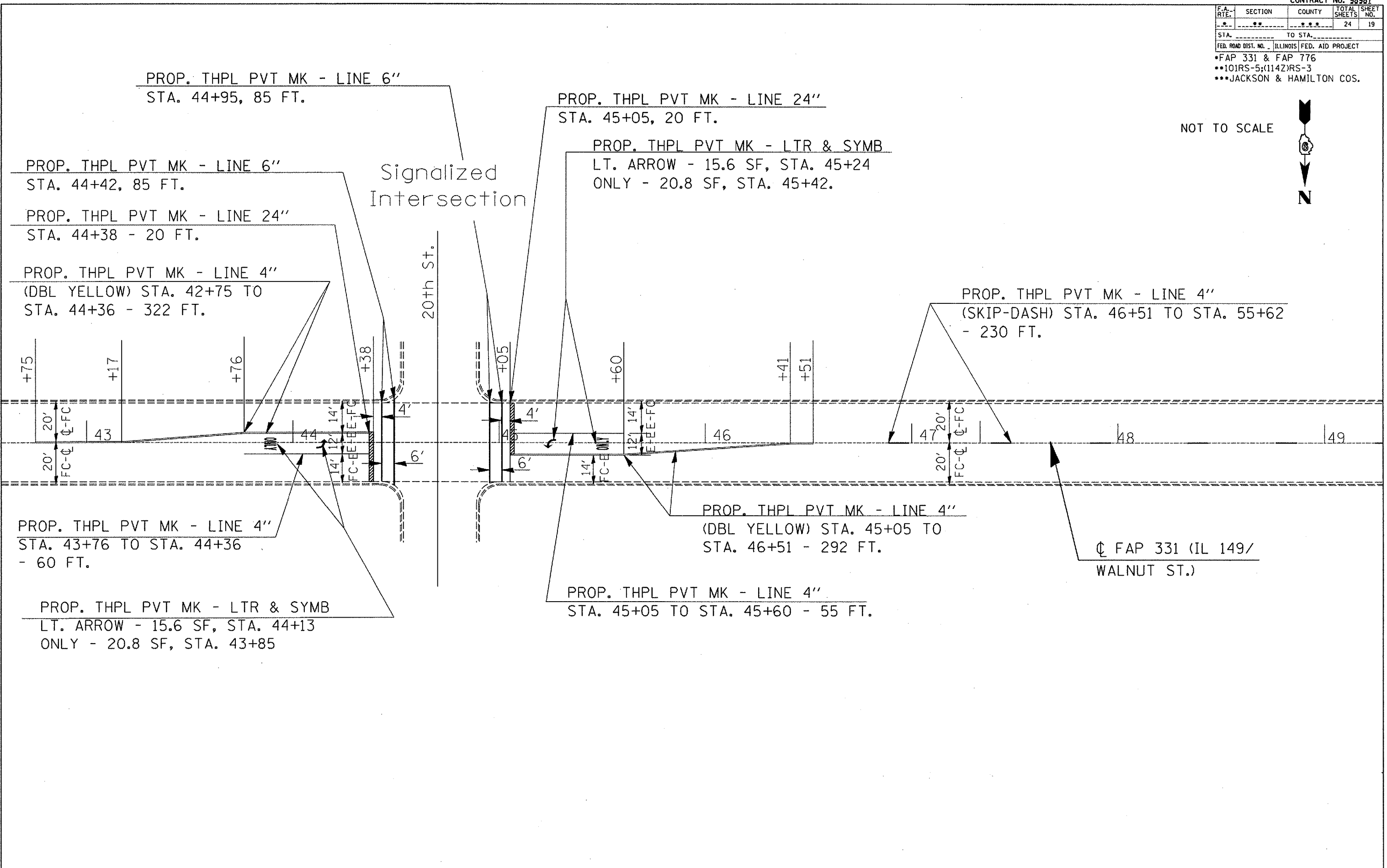
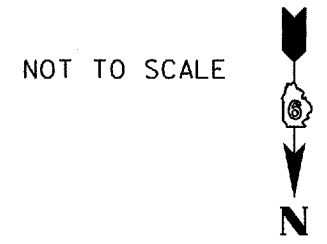
PROP. THPL PVT MK - LINE 6"  
 STA. 39+42 - 76 FT.

PROP. THPL PVT MK - LINE 6"  
 STA. 39+84 - 76 FT.

PLOT DATE = 12/12/2005  
 FILE NAME = H:\Projects\98987\98987.plt  
 PLOT SCALE = 42.3529 / IN.  
 USER NAME = mrcorcher

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	..	24	19
STA. _____ TO STA. _____		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

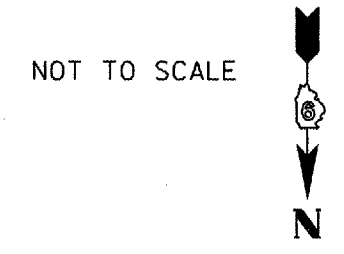
- FAP 331 & FAP 776
- 101RS-5(114Z)RS-3
- JACKSON & HAMILTON COS.



PLOT DATE = 12/12/2006  
 FILE NAME = c:\projects\98987\p98987.dwg  
 PLOT SCALE = 42.3525' / IN.  
 USER NAME = mcsordr

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	..	24	20
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

- FAP 331 & FAP 776
- 101RS-5;(114Z)RS-3
- JACKSON & HAMILTON COS.

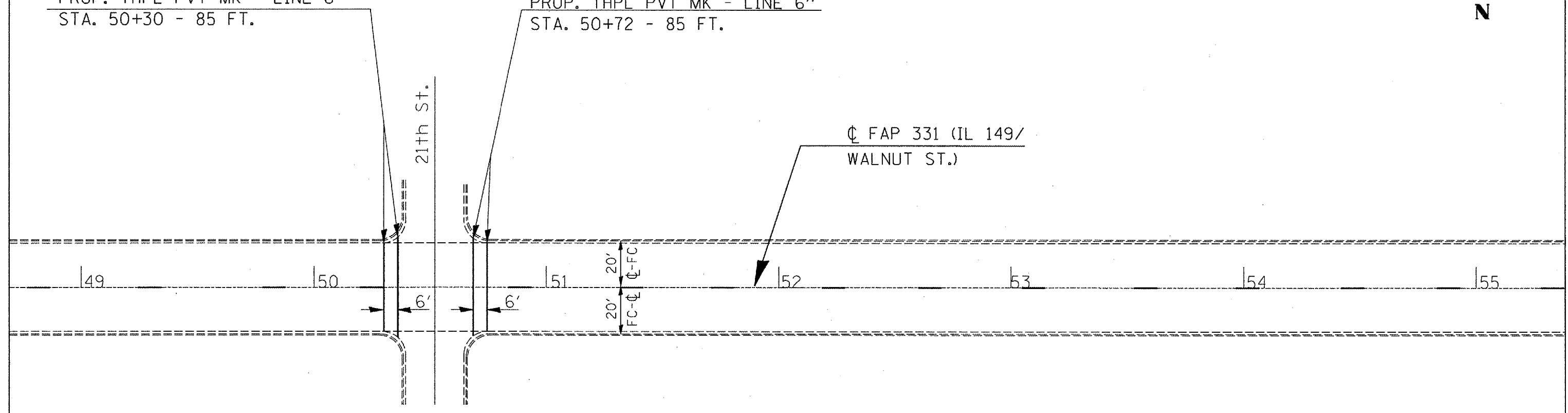


PROP. THPL PVT MK - LINE 6"  
STA. 50+30 - 85 FT.

PROP. THPL PVT MK - LINE 6"  
STA. 50+72 - 85 FT.

☉ FAP 331 (IL 149/  
WALNUT ST.)

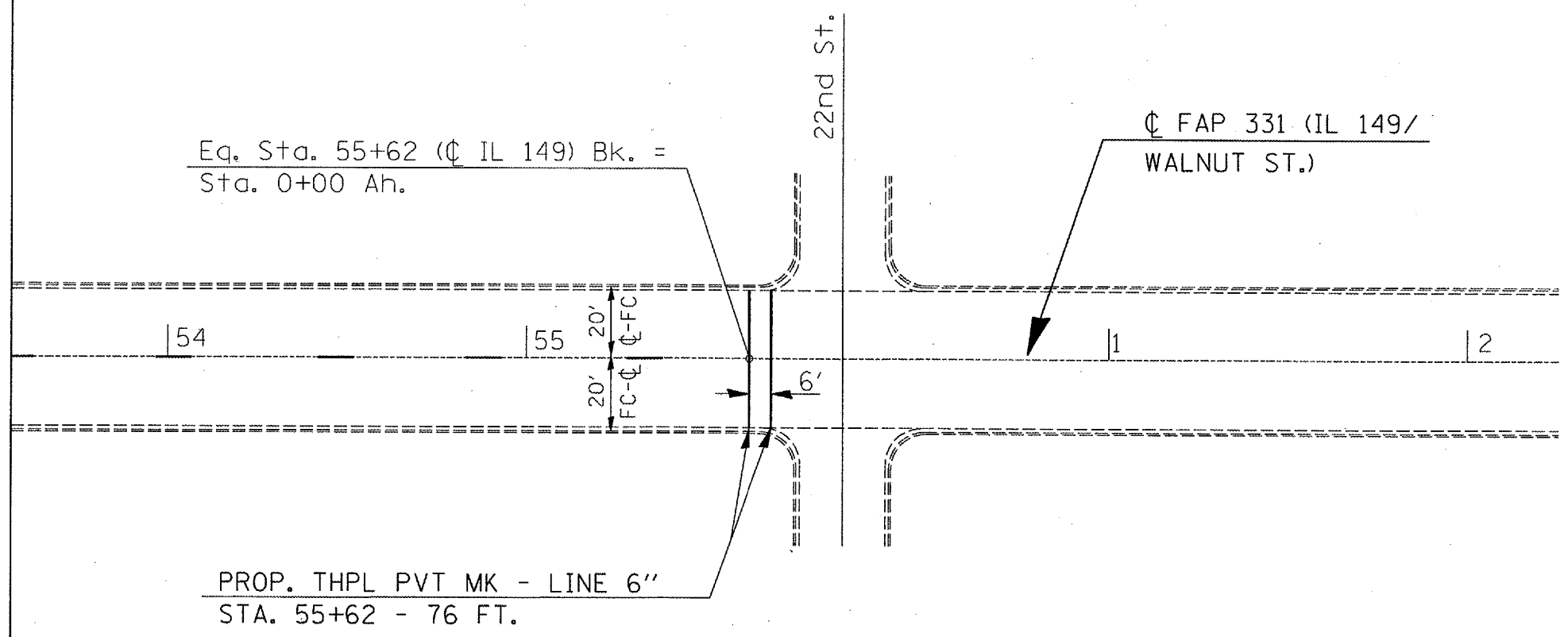
21th St.



PLOT DATE : 12/12/2006  
FILE NAME : c:\projects\98987\98987.dwg  
PLOT SCALE : 42.3529' / IN.  
USER NAME : mcorridor

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	..	24	21
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____ ILLINOIS			FED. AID PROJECT	
•FAP 331 & FAP 776				
••101RS-5;(114Z)RS-3				
•••JACKSON & HAMILTON COS.				

NOT TO SCALE

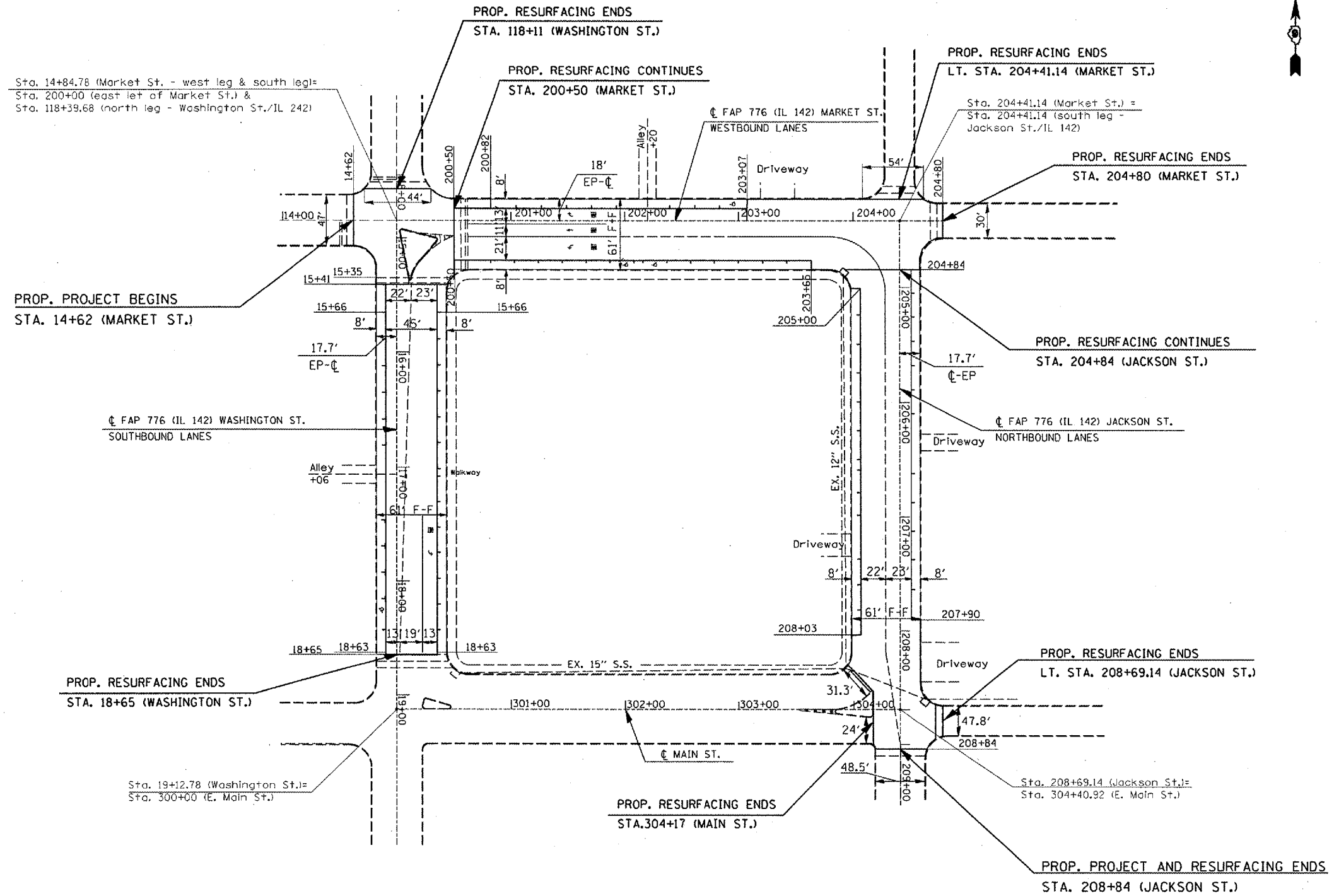


PLOT DATE = 12/12/2006  
 PLOT SCALE = 40' = 1" / IN  
 USER NAME = mccordr

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..*	**	***	24	22
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		

- \*FAP 331 & FAP 776
- \*\*101RS-5; (1142)RS-3
- \*\*\*JACKSON & HAMILTON

NOTE: PARKING LANES SHALL NOT BE MILLED OR RESURFACED. (SEE TYP., SHT. 8)



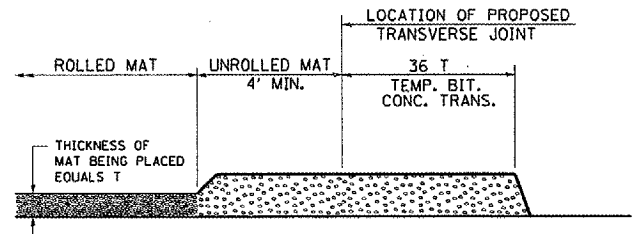
PLOT DATE = 12/12/2006  
 FILE NAME = c:\p\99987\99987.dwg  
 PLOT SCALE = 1/8" = 1' IN.  
 USER NAME = mcdonald



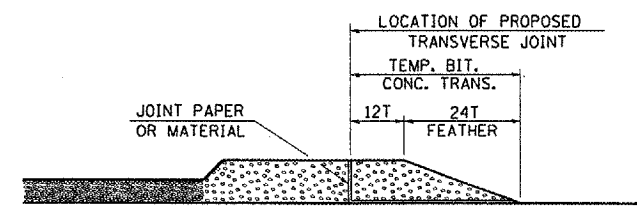
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			24	24
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

- FAP 331 & FAP 776
- IOIRS-5; (1142)RS-3
- JACKSON & HAMILTON

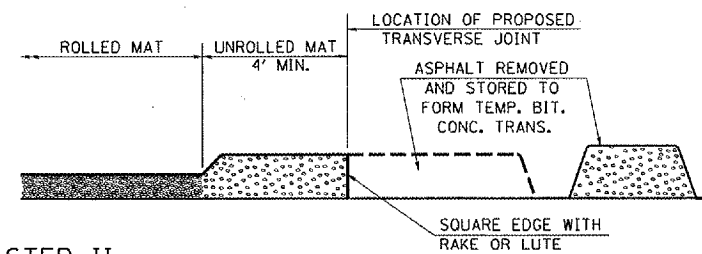
## TEMPORARY BITUMINOUS CONCRETE TRANSITIONS



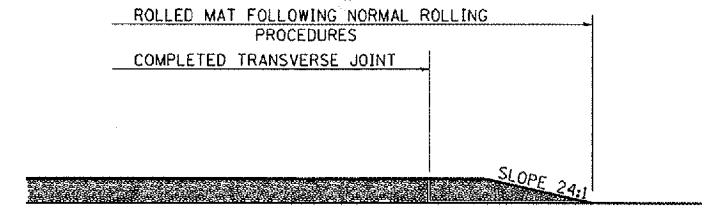
- STEP I**
1. PLACE BITUMINOUS MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
  2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



- 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 BITUMINOUS CONCRETE 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.

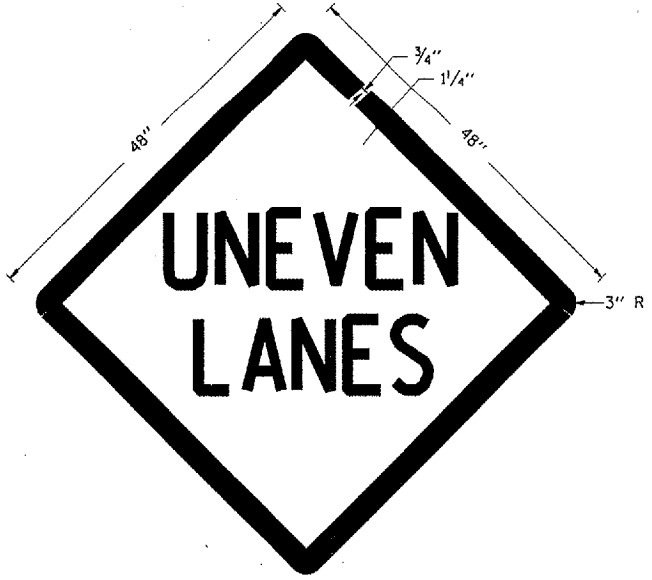


- STEP IV**
1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
  2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
  3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY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

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	9-26-94
REVISED	

STD. 9-26

## 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	4-6-93
REDESIGNED	7-23-04
REVISED	

STD. 9-41

PLOT DATE = 12/12/2006  
 FILE NAME = c:\p080207\d80107a\p1-32  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = mccc@dr