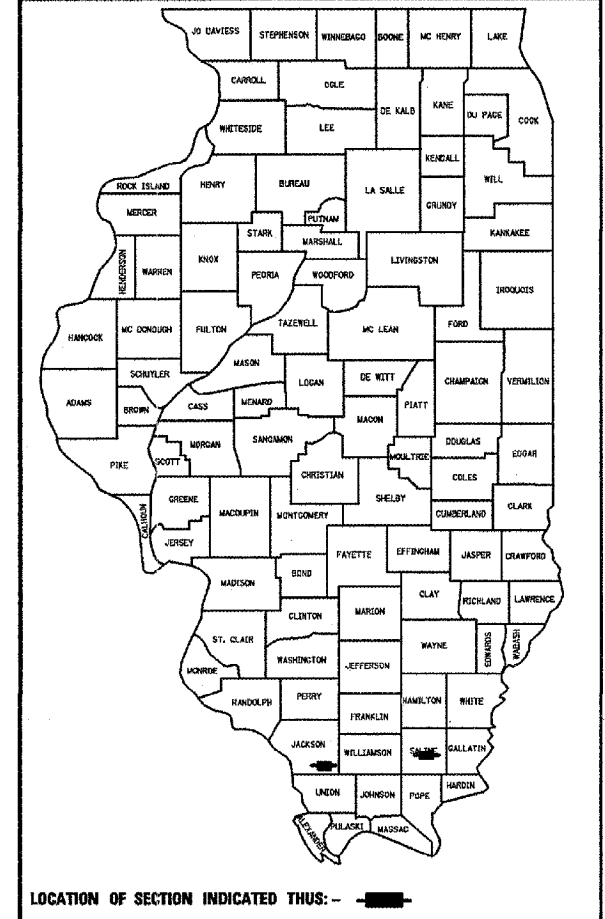


FAS NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	30	1

• VARIOUS  
 •• D9 CONT. MAINT. BIT. RES. FY 08-1  
 ••• SALINE & JACKSON

D-99-037-07



LOCATION OF SECTION INDICATED THUS: —■—

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

**PROPOSED  
 HIGHWAY PLANS**

F.A.S. ROUTE 919 & F.A.P. ROUTE 331  
 (MAKANDA ROAD & IL ROUTE 13)  
 SECTION D9 CONT MAINT BIT RES FY 08-1

SALINE AND JACKSON COUNTIES

C-99-034-07

FOR INDEX OF SHEETS, SEE SHEET NO. 2

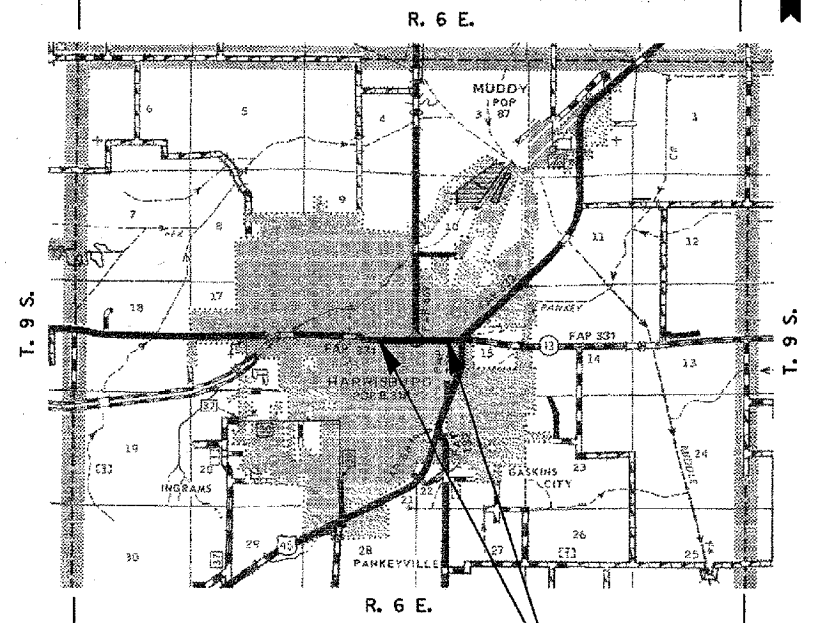
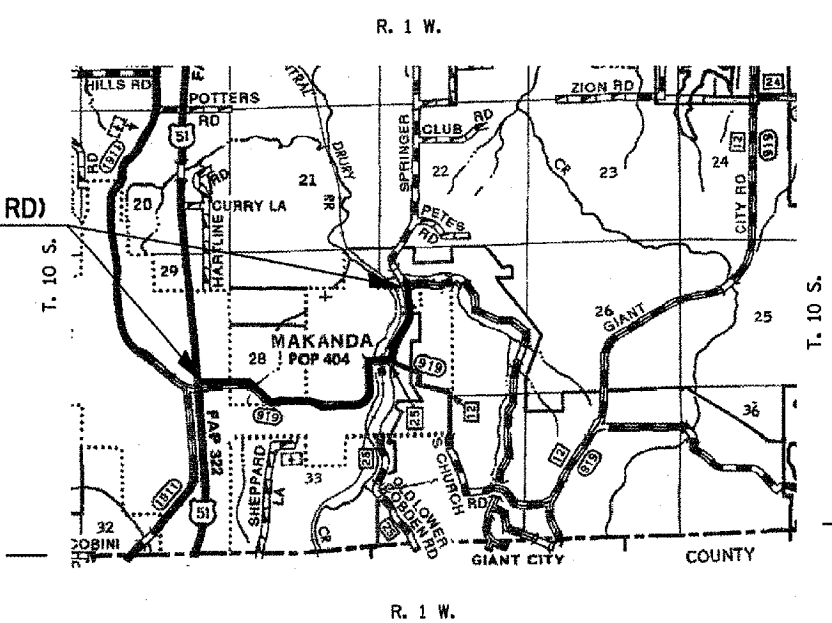
ADT:  
 LOCATION 1 (MAKANDA)- FAS 919(2007)  
 ADT = 683  
 PV= 621  
 SU= 62  
 MU= 0  
 TRUCK = 9%  
 LOCATION 2 (HARRISBURG)- FAP 331 (2007)  
 ADT = 16,094  
 PV= 14,935  
 SU= 824  
 MU= 335  
 TRUCK= 7%

EQUATION STATIONS:

LOCATION 1 (MAKANDA)-  
 EQ. STA. 85+09.23 (BK.) = STA. -(0+44.77) (AH.)  
 EQ. STA. -(0+00) (BK.) = STA. 0+00 (AH.)  
 EQ. STA. 3+27.40 (BK.) = STA. 2+28.10 (AH.)

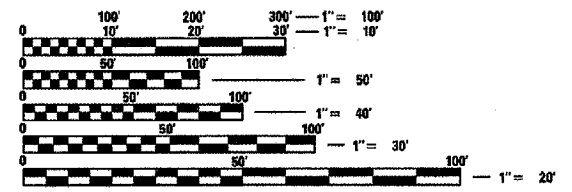
LOCATION 2 (HARRISBURG)-  
 STA. 1053+58.8 (FAP 331/IL 13) =  
 STA. 26+23.53 (IL 34/MAIN ST.)

LOCATION 1 - FAS 919 (MAKANDA RD)  
 STA. 1+00 TO STA. 35+00  
 2.281 MILES



LOCATION 2 - FAP 331 (IL 13) POPLAR ST. IN  
 HARRISBURG FROM GRANGER ST. TO GUM ST.  
 STA. 1040+00 TO STA. 1072+46; 0.58 MILES

TOWNSHIPS: MAKANDA AND HARRISBURG



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

MAKANDA LOCATION LENGTH = 12,041.3 FT. = 2.281 MILES  
 HARRISBURG LOCATION LENGTH = 3071 FT. = 0.58 MILES  
 LENGTH OF PROJECT = 15112.3 FT. = 2.86 MILES

CONTRACT NO. 78012

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED *Dec 12, 2007*  
*Mary C. Hamis*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

*February 1, 2008*  
*Eric E. Harms*  
 INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

*February 1, 2008*  
*Christine M. Reed*  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

PROJECT ENGINEER: CHARLES STEIN - (618)351-5210  
 DESIGN TECHNICIAN: KATHI MCCORD - (618)351-5211

CONTRACT NO. 78012

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• • •	• • •	30	2

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

- VARIOUS
- D9 CONT. MAINT. BIT. RES. FY 08-1
- SALINE & JACKSON

PLOT DATE = 12/3/2007  
 FILE NAME = c:\projects\78012\78012.dgn  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = mboarder

Prepared By: Joe Bolandrewicz  
 DISTRICT STUDIES & PLANS ENGINEER

Examined By: James King  
 DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson  
 DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Kevin Grammes  
 DISTRICT OPERATIONS ENGINEER

Examined By: Joseph Lugin  
 DISTRICT CONSTRUCTION ENGINEER

Examined By: Bruce Poble  
 DISTRICT MATERIALS ENGINEER

Examined By: Jim Swatlow  
 DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Danny Clayton  
 ASSISTANT REGIONAL ENGINEER

Approved By: Mary Chamie  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 12 2007  
 DATE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0	**	***	30	3
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE BLOCK
3	INDEX OF SHEETS, STRUCTURE RATINGS AND HIGHWAY STANDARDS
4	GENERAL NOTES; MIXTURE REQUIREMENTS
5	SUMMARY OF QUANTITIES
6 - 8	TYPICAL SECTIONS- FAS 919 (MAKANDA RD.)
9 - 12	TYPICAL SECTIONS- FAP 331 (IL 13 IN HARRISBURG)
13 - 15	SCHEDULES; PAVEMENT MARKING AND RESURFACING
16	LOCATION MAP FOR FAS 919 (MAKANDA RD.)
17 - 19	DETAIL; PLAN LAYOUT FOR FAS 919 AT MAKANDA
20	DETAIL; BUTT JOINTS AT S.N. 039-0055
21	DETAIL; RAILROAD TAPER REMOVAL STA. 5+52
22	BUTT JOINT DETAILS AT BEGINNING AND END OF LOCATION
23	LOCATION MAP FOR FAP331 (IL 13 AT HARRISBURG)
24 - 32	DETAIL; PLAN LAYOUT FOR IL 13 IN HARRISBURG
33	DETAIL; DETECTOR LOOP LAYOUT
34	BUTT JOINT DETAILS FOR BEGINNING AND END OF LOCATIONS
35	STANDARD DETAILS - BIT. CONCRETE TRANSITIONS; PAVEMENT MARKING; ROUGH GROOVED SURFACE SIGN; UNEVEN LANE SIGN
	HIGHWAY STANDARDS
	442201-03      701502-02
	701011-01      701701-05
	701301-02      701901
	701306-01      780001-01
	701311-02      781001-02
	701336-04      886001
	886006

## STRUCTURE RATINGS

LOCATION	STRUCTURE NO.	SUFF. RATING	INV. RATING	OPR. RATING
FAS 919 (MAKANDA)	039-0055	83.9	30.6	49.4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	4
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

**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 EXCEPT FOR QC/QA OF BITUMINOUS MIXTURES:

- ALL BITUMINOUS 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 ARE AS FOLLOWS: AT HARRISBURG IT IS BASED ON ONE APPLICATION EACH FOR THE PRIME COAT, BINDER COURSE AND SURFACE COURSE. AT MAKANDA IT IS BASED ON ONE APPLICATION EACH FOR THE PRIME COAT AND SURFACE COURSE. THE RATE IS 4' IN 40'.

PRIOR TO PLACEMENT OF 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 BITUMINOUS MATS 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 5/2" TALL OF A DESIGN APPROVED BY THE ENGINEER AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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

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

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

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

ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.

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

VIBRATORY ROLLERS IS PROHIBITED AND SHALL NOT BE ALLOWED ON THIS PROJECT.

**BITUMINOUS MIXTURE DESIGNS SHALL BE PREPARED AS DIRECTED BELOW:**

FOR FAS 919 (Makanda Rd.) :

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

FOR FAP 331 (IL 13 Harrisburg) :

Location:	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix. D, N105
AC/PG:	SBSPG76-22
RAP % (Max.):	10
Design Air Voids:	4.0%, 105 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm or IL-12.5 mm
Friction Aggregate:	Mixture D

FOR FAP 331 (IL 13 Harrisburg) :

Location:	Polymerized Leveling Binder
Mixture Use(s):	Polymerized Hot-Mix Asphalt Binder Course, N105, IL-19.0
AC/PG:	SBSPG76-22
RAP % (Max.):	0
Design Air Voids:	4.0%, 105 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-19.0 mm
Friction Aggregate:	Mixture B

FOR FAP 331 (IL 13 Harrisburg):

LOCATION(S):	Bituminous Materials (Prime Coat) Special
MIXTURE USE(S):	Polymer Modified Emulsified Asphalt
REQUIREMENTS:	SS-1HP or CSS-1HP

**CLASS D PATCHING REQUIREMENTS:**

Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0
AC/PG:	PG64-22
RAP % (Max.):	10
Design Air Voids:	4.0%, 90 Gyraton Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	5
STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	FAS 919	FAP 331
				RURAL 100% STATE JACKSON COUNTY 1000 QUANTITY	URBAN 100% STATE SALINE COUNTY 1000 QUANTITY
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	1.0		1.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	1.0	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,404.0	2,404.0	
40600115	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,240.7		1,240.7
40600300	AGGREGATE (PRIME COAT)	TON	60.8	40.1	20.7
40600855	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105	TON	239.0		239.0
40600990	TEMPORARY RAMP	SQ YD	272.0	74.0	198.0
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N90	TON	2,241.0	2,241.0	
40603550	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIXTURE D, N105	TON	1,158.0		1,158.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	37,631.0	26,694.0	10,937.0
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	2,848.0		2,848.0
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	13.0	13.0	
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	162.0	162.0	
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	35.0	35.0	
44201823	CLASS D PATCHES, TYPE I, 15 INCH	SQ YD	54.1		54.1
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	95.3		95.3
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SQ YD	71.0		71.0
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SQ YD	202.0		202.0
44300900	STRIP REFLECTIVE CRACK CONTROL TREATMENT SYSTEM A	FOOT	1,546.0		1,546.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	516.0	516.0	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3.0	1.5	1.5
67100100	MOBILIZATION	L SUM	1.0	0.5	0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.5	0.5
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1.0	0.5	0.5
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1.0		1.0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0		1.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4,272.0	2,364.0	1,908.0
70300210	TEMPORARY PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	586.3	122.4	463.9
70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	49,739.0	42,218.0	7,521.0
70300240	TEMPORARY PAVEMENT MARKING-LINE 6"	FOOT	598.0		598.0
70300260	TEMPORARY PAVEMENT MARKING-LINE 12"	FOOT	40.0		40.0
70300280	TEMPORARY PAVEMENT MARKING-LINE 24"	FOOT	134.0	72.0	62.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	17,824.0	14,712.0	3,112.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	586.3	122.4	463.9
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7,521.0		7,521.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	598.0		598.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	40.0		40.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	62.0		62.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	42,218.0	42,218.0	
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	72.0	72.0	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	312.0	152.0	160.0
* 88600100	DETECTOR LOOP, TYPE I	FOOT	427		427

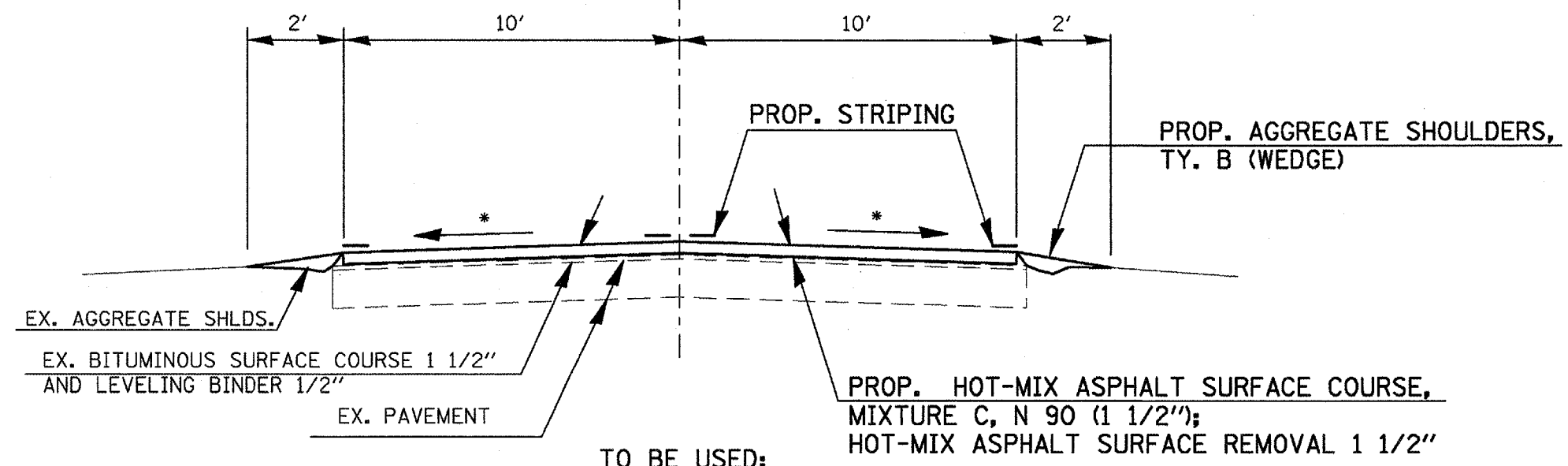
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 USER NAME = mcorcor

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	6

STA. \_\_\_\_\_ TO STA. \_\_\_\_\_  
 FED. ROAD DIST. NO. \_\_\_\_\_ ILLINOIS FED. AID PROJECT  
 \* VARIOUS  
 \*\* D9 CONT. MAINT. BIT. RES. FY 08-1  
 \*\*\* SALINE & JACKSON

TYPICAL SECTION #1  
 FAS 919 (Makanda Rd.)

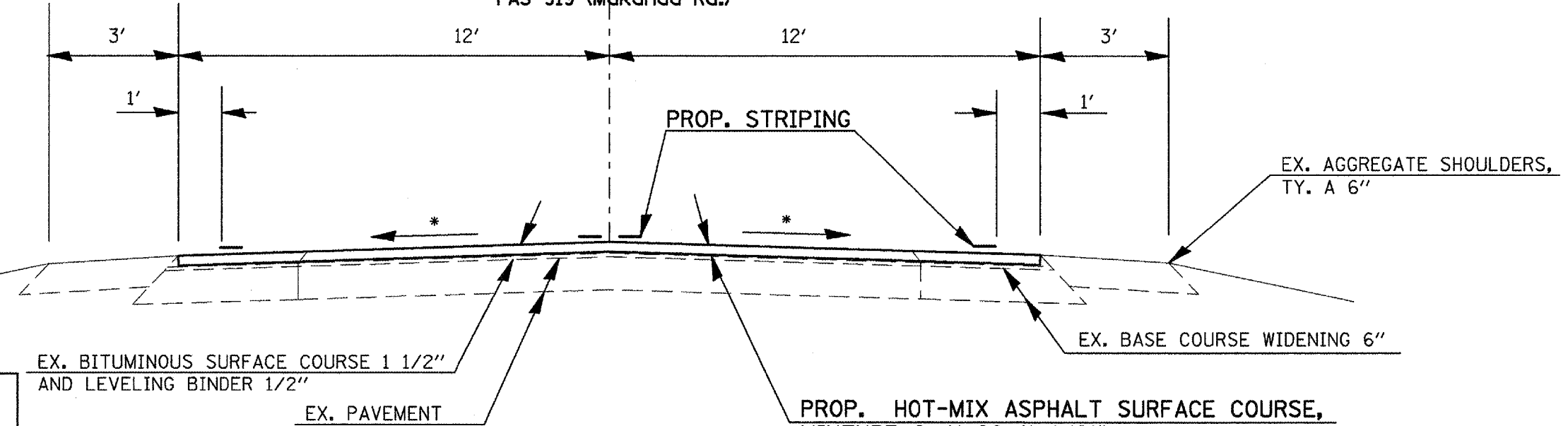


\* Match Existing Slope

EQUATION STATIONS:  
 EQ. STA. 85+09.23 (BK.) =  
 STA. -(0+44.77) (AH.)  
 EQ. STA. -(0+00) (BK.) =  
 STA. 0+00 (AH.)  
 EQ. STA. 3+27.40 (BK.) =  
 STA. 2+28.10 (AH.)

TO BE USED:  
 STA. 1+00 TO EQ. STA. 85+09.23 (BK.)  
 STA. 17+00 TO STA. 35+00

TYPICAL SECTION #2  
 FAS 919 (Makanda Rd.)



\* Match Existing Slope  
 \*\*OMIT S.N. 039-0055, FROM  
 STA. 2+81 TO STA. 4+15.  
 \*\*\*OMIT RAILROAD CROSS, FROM  
 STA. 5+40 TO STA. 5+52.

TO BE USED:  
 EQ. STA. -(0+00.44) (AH.) TO EQ. STA. -(0+00) (BK.) =  
 EQ. STA. 0+00 (AH.) TO EQ. STA. 3+27.40 (BK.) =  
 STA. 2+28.10 (AH.) TO STA. 2+81 (S.N. 039-0055)\*\*  
 STA. 4+15 (S.N. 039-055) TO STA. 5+40 (RR X-ING)\*\*\* (SEE NOTE 1)

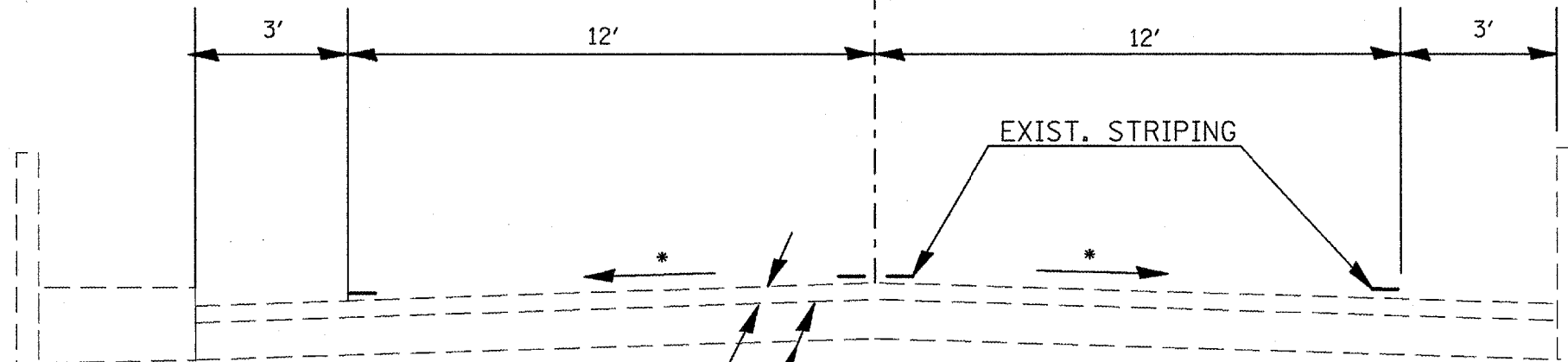
NOTE 1: PROP. AGGREGATE SHOULDERS,  
 TYPE B (2' WEDGE) TO BE USED AT RIGHT  
 OF STA. 4+15 TO STA. 5+40.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	7
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

TYPICAL SECTION #3

FAS 919 (Makanda Rd.)  
OMITTED SECTION



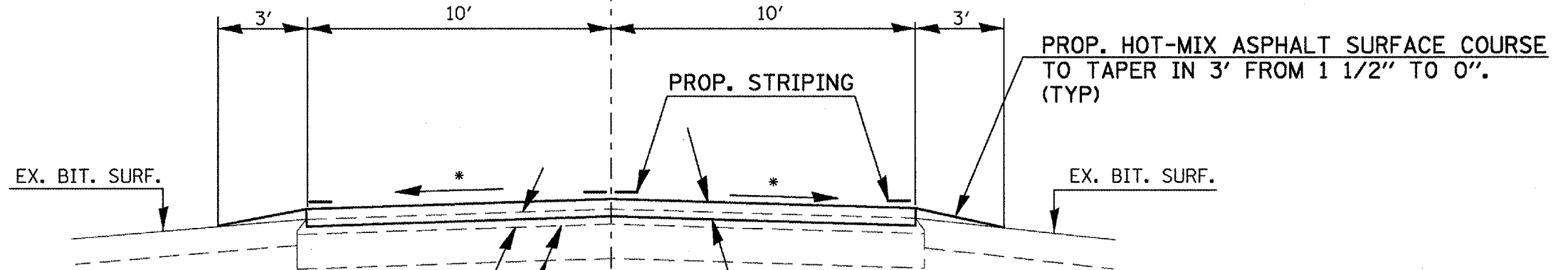
EX. BITUMINOUS SURFACE COURSE 2 "

EX. STRUCTURE PAVEMENT 21"

TO BE USED:  
STA. 2+81 TO STA. 4+15  
(S.N. 039-0055 OMISSION)

TYPICAL SECTION #4

FAS 919 (Makanda Rd.)



EX. BIT. SURF.

EX. BITUMINOUS SURFACE COURSE 2"

EX. PAVEMENT

PROP. HOT-MIX ASPHALT SURFACE COURSE,  
MIXTURE C, N 90 (VAR. 3" TO 1 1/2");  
HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"  
(SEE DETAIL OF EX. BIT. TAPER REMOVAL  
ON SHEET 20)

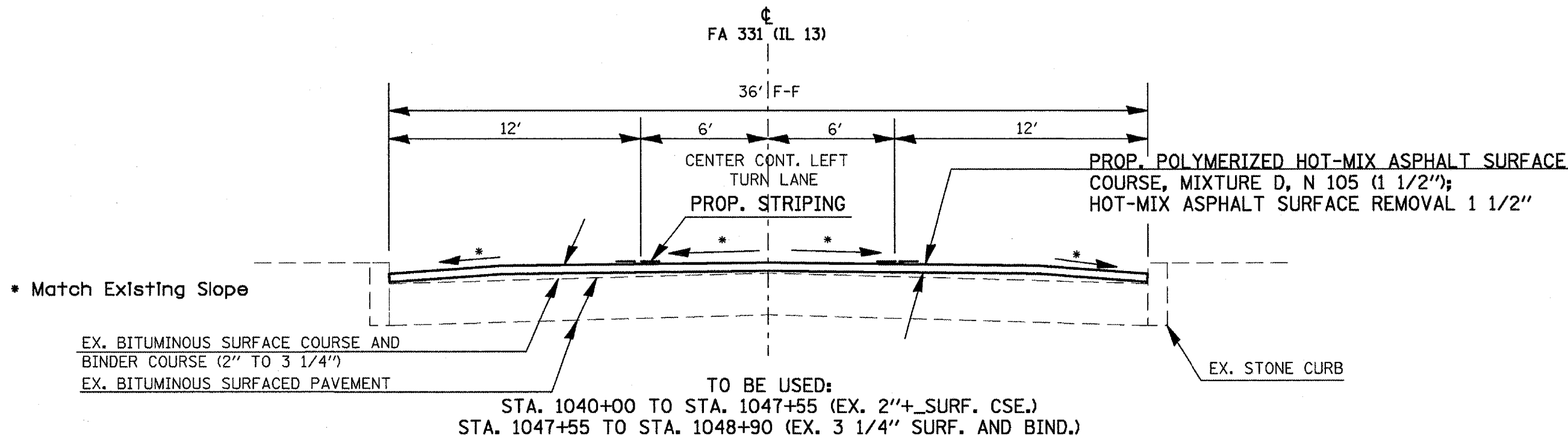
TO BE USED:  
STA. 5+52 (RR X-ING) TO STA. 7+17

\* Match Existing Slope

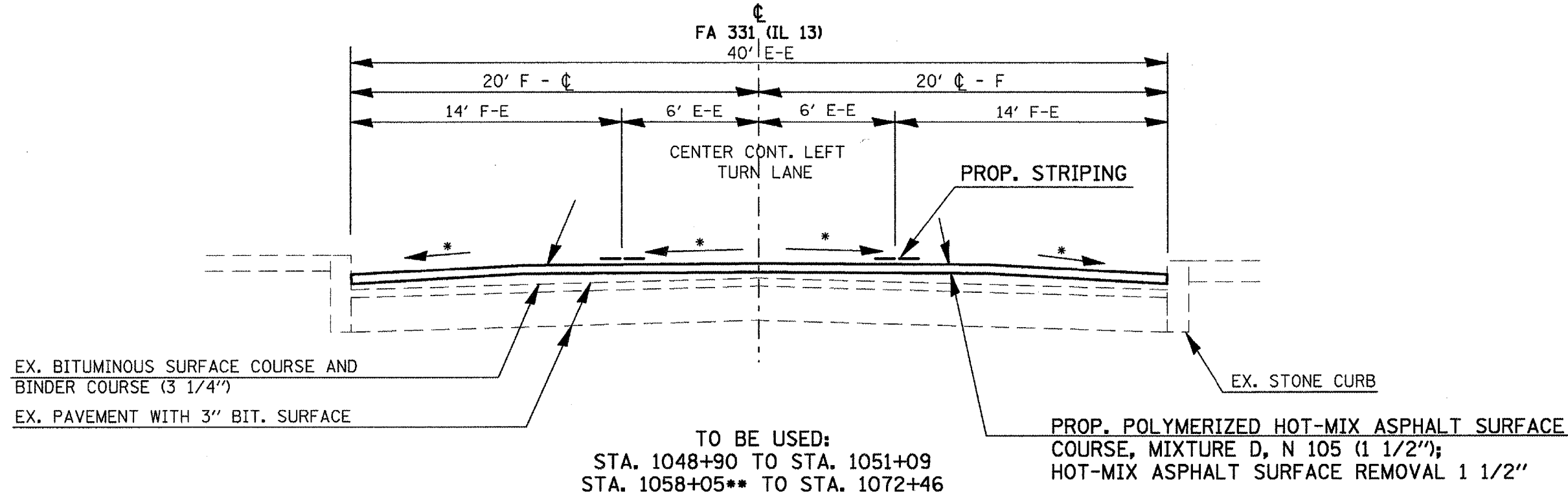
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..	..	...	30	8
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

- VARIOUS
- D9 CONT. MAINT. BIT. RES. FY 08-1
- SALINE & JACKSON

TYPICAL SECTION #1



TYPICAL SECTION #2



\*\*OMISSION STATION 1056+30 TO STA. 1058+05

PLOT DATE: 12/7/2007  
 FILE NAME: s:\projects\78012\78012.dwg  
 USER: JAC



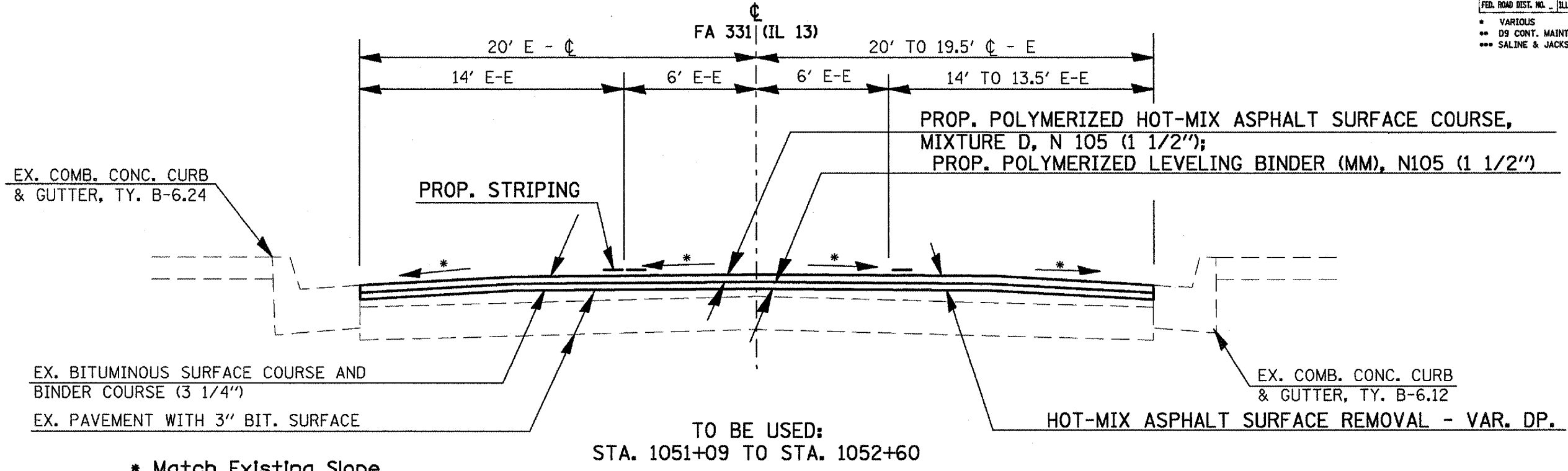
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	9

STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

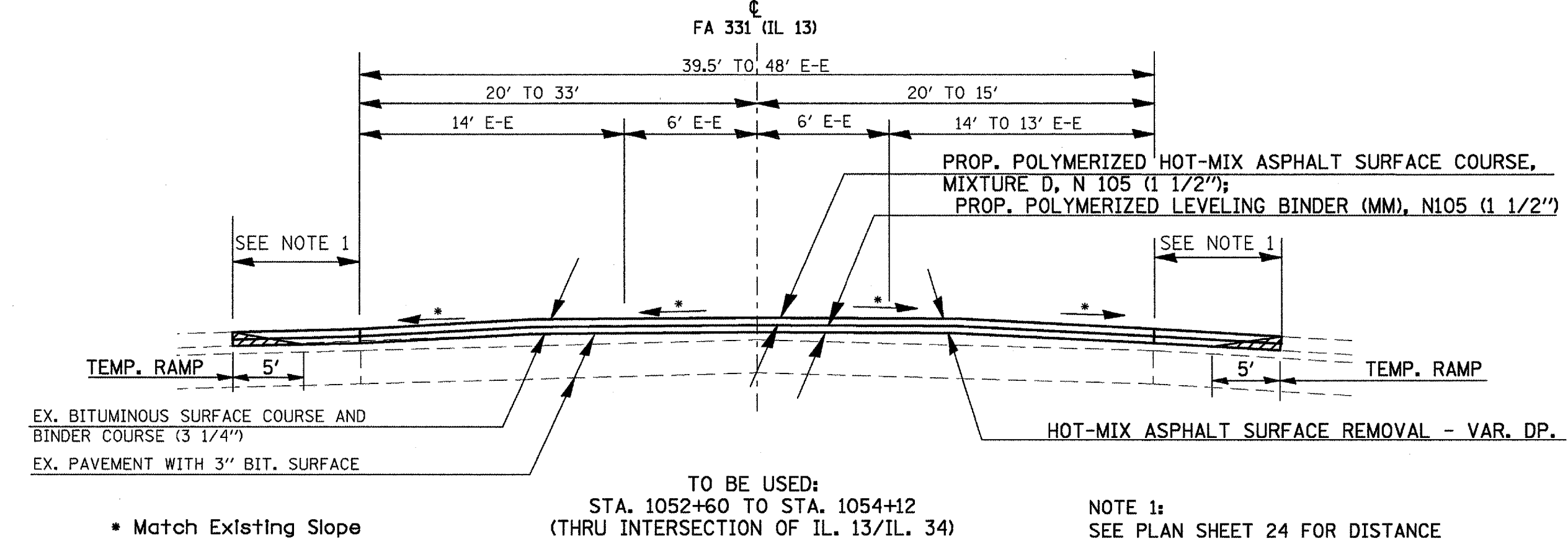
FED. ROAD DIST. NO. \_\_\_\_\_ ILLINOIS FED. AID PROJECT

\* VARIOUS  
 \*\* D9 CONT. MAINT. BIT. RES. FY 08-1  
 \*\*\* SALINE & JACKSON

TYPICAL SECTION #3



TYPICAL SECTION #4



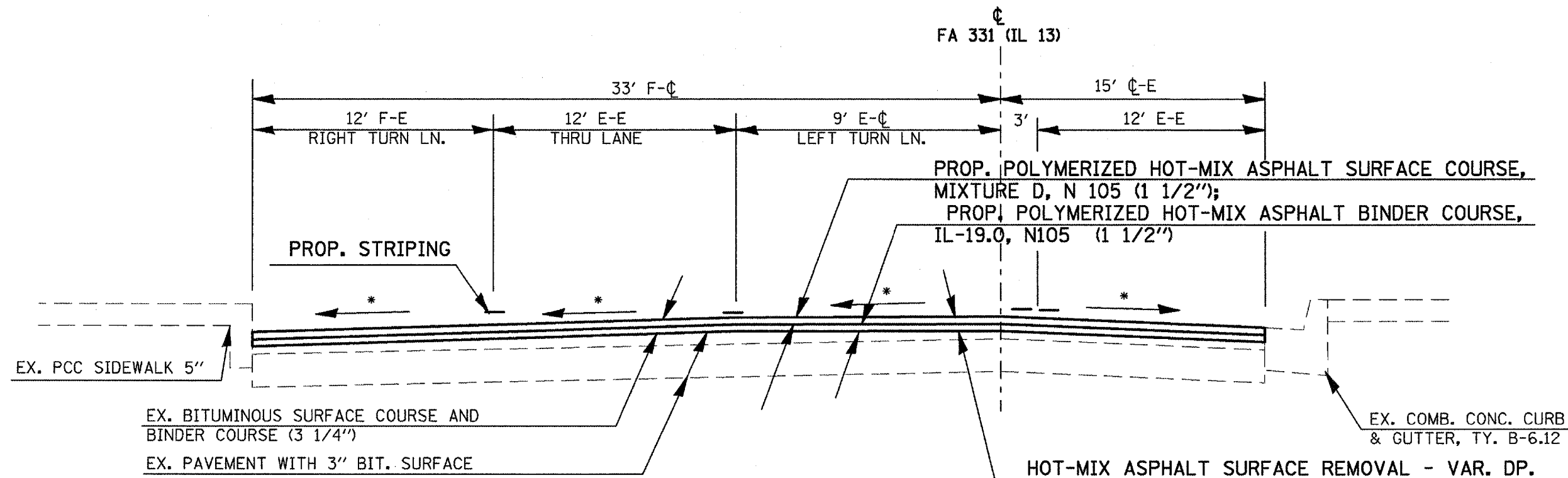
NOTE 1:  
 SEE PLAN SHEET 24 FOR DISTANCE TO EDGE OF MILLING AND SURFACING.

PLT DATE = 12/7/2007  
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 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = mrodrigo

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

TYPICAL SECTION #5



TO BE USED:  
STA. 1054+12 TO STA. 1056+30\*\*

\* Match Existing Slope

\*\*OMISSION STATION 1056+30  
TO STA. 1058+05

PLUT DATE: 12/7/2007  
FILE NAME: \\s\projects\283787\283787.dgn  
USER NAME: jll  
USER DATE: 12/7/2007

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	11

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

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

### RESURFACING SCHEDULE

check w/ Bruce on Lev Binder req'ts.

STATION TO STATION	LENGTH	ROADWAY WIDTH	ROADWAY AREA	HOT-MIX ASPH. SURF. REM. 1 1/2"	HOT-MIX ASPH. SURF. REM. VAR. DEPTH	TEMPORARY RAMP	POLY. HOT-MIX ASPHALT S. C., MIX. D. N105	POLY. LEVEL BINDER (MM) N105	HOT-MIX ASPHALT S. C., MIX. C, N 90	POLY. BIT. MATL. PR. CT	BIT. MAT. PRIME COAT	PRIME AGG. COAT	AGGREGATE SHOULDERS, TY. B			
				SQ YD	SQ YD		TON	TON	TON	GAL	GAL	TON	TON			
				FOR INFORMATIONAL PURPOSE ONLY												
FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	GAL	GAL	TON	TON				
<b>FAS 919 (Makanda Rd.) Jackson County</b>																
1+00.00	TO	85+09.23	8409.2	20.0	18,687	18,687					1,570		1,682	28.0	383	
EQ. STA. 85+09.23 (BK) = STA. -(0+44.77) (AH)																
-0+44.77	TO	0+00.00	44.8	24.0	119	119					10		11	0.2		
EQ. STA. -0+00 (BK) = STA. 0+00(AH)																
0+00.00	TO	3+27.40	327.4	24.0	873	873					73		79	1.3		
EQ. STA. 3+27.40 (BK) = STA. 2+28.10(AH)																
2+28.10	TO	2+81	52.9	24	141	141					12		13	0.2		
2+81	TO	4+15	OMISSION OF EXISTING S. N. 039-0055													
4+15	TO	5+40	125.0	24	333	333					26		30	0.5	6	
5+40	TO	5+52	RAILROAD CROSSING - STA. 5+40 TO STA. 5+52													
5+52	TO	7+17	165.0	20.0	367	367					31		33	0.6		
7+17	TO	35+00	2783.0	20.0	6,184	6,184					520		557	9.3	127	
						<b>26,694</b>			<b>74.0</b>	<b>0</b>	<b>0</b>	<b>2,241</b>	<b>0.0</b>	<b>2,404.0</b>	<b>40.1</b>	<b>516</b>
<b>FAP 331 (IL 13) Saline County</b>																
1040+00	TO	1048+90	890.0	36.0	3560	3560		20.0	299				320.4		5.3	
1048+90	TO	1051+09	219.0	40.0	973	973			82				87.6		1.5	
1051+09	TO	1052+60	151.0	40.0	663	663			56		56		59.7		1.0	
1052+60	TO	1054+12	152.0	40' to 67'	933	933			78		78		84.0		1.4	
Rt. 1053+53.04	IL 34 (South Leg)															
Lt. 1053+57.74	IL 34 (North Leg)															
Lt. 1056+12.40	Vine St. (North)															
Rt. 1056+05	Vine St. (South)															
1054+12	TO	1056+30	218.0	48.0	1252	1252		28.0	105		105		112.7		1.9	
1056+30 TO 1058+05 OMISSION OF EXISTING PCC PAVEMENT 9" SURFACE																
1058+05	TO	1072+46	1441.0	40.0	6404	6404		44.0	538				576.4		9.6	
						<b>10,937</b>	<b>2,848</b>	<b>198.0</b>	<b>1,158</b>	<b>239</b>	<b>0</b>	<b>1,240.7</b>	<b>0</b>	<b>20.7</b>	<b>0</b>	
						<b>37,631</b>	<b>2,848</b>	<b>272</b>	<b>1158</b>	<b>239</b>	<b>2,241</b>	<b>1,240.7</b>	<b>2,404</b>	<b>68.0</b>	<b>516</b>	

PLT DATE = 12/7/2007  
 FILE NAME = \\s01c01\proj\78012\78012.dgn  
 USER NAME = jmc  
 USER = jmc

Rev.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	12
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

### PAVEMENT MARKING SCHEDULE AT MAKANDA

STATION TO STATION	PAINT PAVEMENT MARKING				THPL PAVEMENT MARKING	TEMPORARY			NOTES
	4 INCH WHITE (EDGELINE)	4 INCH YELLOW	4 INCH YELLOW (SKIP-DASH)	24 INCH WHITE	LTRS & SYMB WHITE	4 INCH	24 INCH	LTRS & SYMB WHITE	
	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	SQ FT	
<b>FAS 919 (Makanda Rd.)</b>									
LEFT 1+00.0 TO 85+09.2	8409					8409			Edgeline
LEFT 1+00.0 TO 83+50.0		8250				8250			Dbi. Yellow
LEFT 83+50.0 TO 85+09.2			40			40			Skip-Dash
<b>Eq. Sta. 85+09.23 (Bk.) = Sta. -(0+44.77) (Ah.)</b>									
LEFT (0+44.77) TO (0+00)	45	45				90			Edgeline & Dbi. Yellow
<b>Eq. Sta. -(0+00) (Bk.) = Sta. 0+00 (Ah.)</b>									
LEFT 0+00 TO 3+27.4	328	328				656			Edgeline & Dbi. Yellow
<b>Eq. Sta. 3+27.4 (Bk.) = Sta. 2+28 (Ah.)</b>									
LEFT 2+28.0 TO 2+81.0	53	53				106			Edgeline & Dbi. Yellow
<b>Sta. 2+81 To Sta. 4+15 (S.N. 039-0055 Omission)</b>									
LEFT 4+15.0 TO 5+40.0	125	125				250			Edgeline & Dbi. Yellow
<b>Sta. 5+40 to Sta. 5+52 (Railroad Crossing)</b>									
LEFT 5+52.0 TO 34+00.0	2,848					2,848			Edgeline
LEFT 5+52.0 TO 8+25.0		273		12		273	12		Dbi. Yellow & Stop Bar
LEFT 6+67.0 TO 7+17.0				24	61.2		24	61.2	RR Symb's. (X and 2-R's)
RIGHT 1+00.0 TO 78+23.0	7723	7723				15446			Edgeline & Dbi. Yellow
RIGHT 78+23.0 TO 83+50.0	527		132			659			Edgeline & Skip-Dash
RIGHT 83+50.0 TO 85+09.0	159	159				318			Dbi. Yellow
<b>Eq. Sta. 85+09.23 (Bk.) = Sta. -(0+44.77) (Ah.)</b>									
RIGHT (0+44.77) TO (0+00)	45	45				90			Edgeline & Dbi. Yellow
<b>Eq. Sta. -(0+00) (Bk.) = Sta. 0+00 (Ah.)</b>									
RIGHT 0+00 TO 3+27.4	328	328				656			Edgeline & Dbi. Yellow
<b>Eq. Sta. 3+27.4 (Bk.) = Sta. 2+28 (Ah.)</b>									
RIGHT 2+28.0 TO 2+81.0	53	53				106			Edgeline & Dbi. Yellow
<b>Sta. 2+81 To Sta. 4+15 (S.N. 039-0055 Omission)</b>									
RIGHT 4+15.0 TO 5+40.0	125	125		36	61.2	250	36	61.2	Edge., Dbi. Yell. & RR Symb's.
<b>Sta. 5+40 to Sta. 5+50 (Railroad Crossing)</b>									
RIGHT 5+52.0 TO 35+00.0	2,948					2,948			Edgeline
RIGHT 5+52.0 TO 6+67.0		115				115			Dbi. Yellow
RIGHT 6+67.0 TO 8+00.0			33			33			Skip-Dash
RIGHT 8+00.0 TO 35+00.0			675			675			Skip-Dash
<b>SUB-TOTALS</b>	<b>23,716</b>	<b>17,622</b>	<b>880</b>	<b>72</b>	<b>122.4</b>	<b>42,218</b>	<b>72</b>	<b>122.4</b>	
<b>FAS 919 TOTALS</b>		<b>42,218</b>		<b>72</b>	<b>122.4</b>	<b>42,218</b>	<b>72</b>	<b>122.4</b>	

PLOT DATE = 12/7/2007  
 FILE NAME = c:\pave\makanda\9832787.dwg  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = mwoodr

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	13
STA.		TO STA.		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

- \* VARIOUS
- \*\* DS CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

THERMOPLASTIC PAVEMENT MARKING FOR HARRISBURG

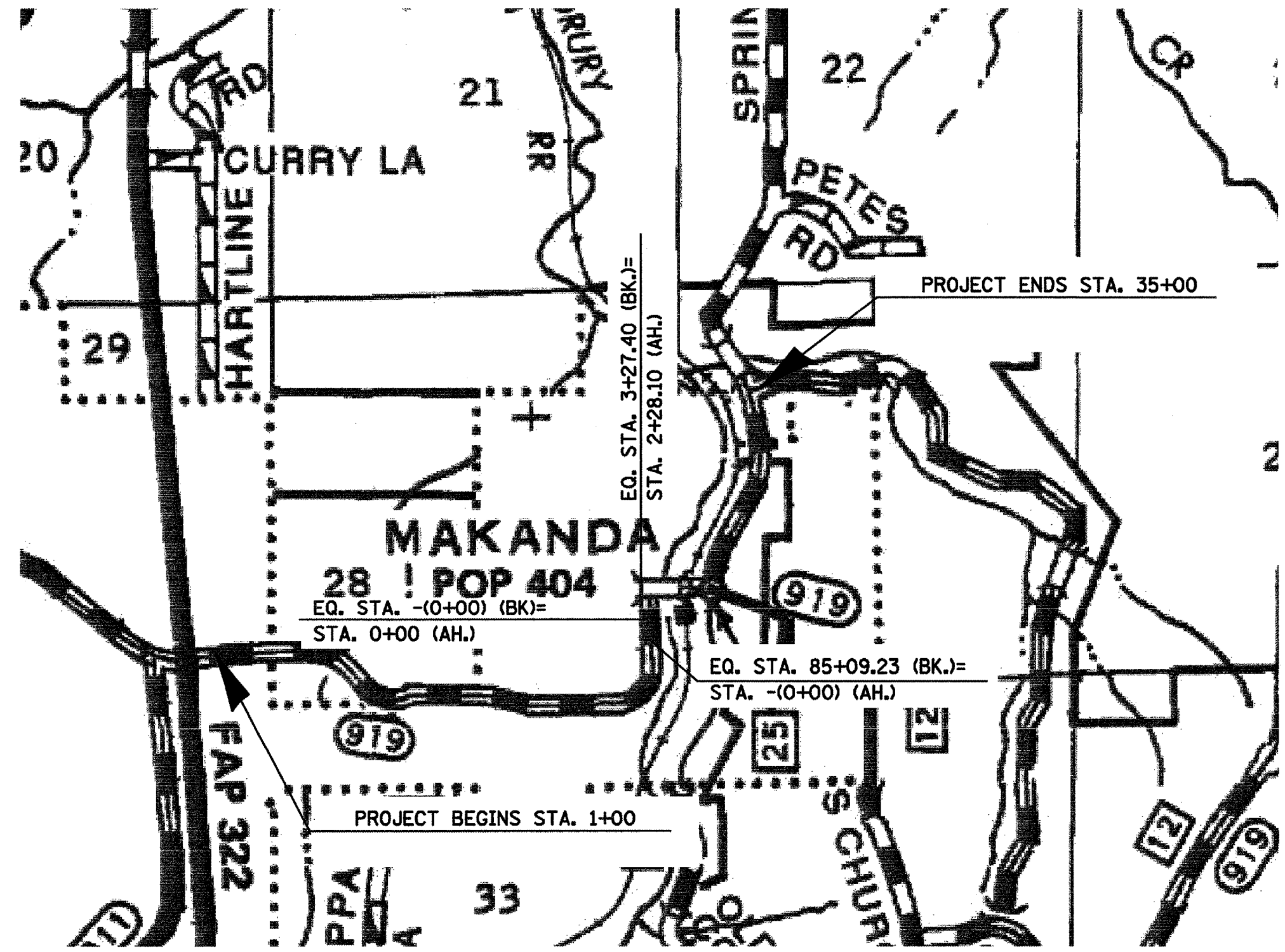
STATION TO STATION				THERMOPLASTIC PAVEMENT MARKING					TEMPORARY					NOTES	
				4 INCH WHITE FOOT	4 INCH YELLOW FOOT	4 INCH SKIP-DASH YELLOW FOOT	6 INCH WHITE FOOT	12 INCH WHITE FOOT	24 INCH WHITE FOOT	LTRS & SYMB WHITE SQ FT	4 INCH FOOT	6 INCH FOOT	12 INCH FOOT		24 INCH FOOT
<b>FAP 331 - (IL 13 Harrisburg)</b>															
LEFT	1040+00.0	TO	1051+04.0		1104	276									Lt. Yellow (CLTL)
	1044+21.0	TO	1044+27.0				76								Crosswalk
LEFT	1051+04.0	TO	1053+06.0		404										dbl. Yellow
	1053+06.0							25							Stop Bar
	1053+10.0	TO	1053+16.0				76					25			Crosswalk
LEFT	1053+86.0	TO	1053+92.0				76								Crosswalk
	1053+96.0							25							Stop Bar
	1054+10.0							12					25		Stop Bar
LEFT	1053+98.0	TO	1055+10.0	224											2-Turn Lane Lines
LEFT	1054+10.0	TO	1055+80.0		340										dbl. Yellow
LEFT	1055+10.0	TO	1055+92.0	90				40							Striped No Parking Zone
	1055+80.0	TO	1055+86.0				74								Crosswalk
	1056+25.0	TO	1056+31.0				74								Crosswalk
LEFT	1058+05.0	TO	1072+46.0		1441	360									Lt. CLTL Lines
	1057+99.0	TO	1058+05.0				74								Crosswalk
	1060+88.0	TO	1060+84.0				74								Crosswalk
	1065+23.0	TO	1065+29.0				74								Crosswalk
RIGHT	1040+00.0	TO	1051+04.0		1104	276									Rt. CLTL Lines
RIGHT	1052+04.0	TO	1053+04.0	100											Turn Lane Line
RIGHT	1058+05.0	TO	1072+46.0		1441	360									Rt. CLTL Lines
	1041+00.0														2 Lt. Turn Arrows
	1044+00.0														2 Lt. Turn Arrows
	1047+00.0														2 Lt. Turn Arrows
	1050+00.0														2 Lt. Turn Arrows
	1052+14.0														"ONLY"
	1052+42.0														Lt. Turn Arrow
	1054+66.0														Lt., Rt. And Thru Arrows
	1054+92.0														3 - "ONLY"
	1058+50.0														2 Lt. Turn Arrows
	1061+50.0														2 Lt. Turn Arrows
	1064+50.0														2 Lt. Turn Arrows
	1067+50.0														2 Lt. Turn Arrows
	1070+50.0														2 Lt. Turn Arrows
	1072+33.0														"Bike"
	1072+75.0														"XING"
<b>SUB-TOTALS</b>				414	5,834	1,273	598.0	40.0	62.0	463.9	7,521	598.0	40.0	62.0	463.9
<b>FAP 331 TOTALS</b>					7,521		598.0	40.0	62.0	463.9	7,521	598.0	40.0	62.0	463.9

Notes "LEFT" or "RIGHT" designates any item to the left or right of the centerline. Therefore, double yellow or continuous left turn lane lines are measured to the left and to the right of the centerline.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			30	14
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

- VARIOUS
- D9 CONT. MAINT. BIT. RES. FY 08-1
- SALINE & JACKSON

LOCATION 1  
FAS 919 (MAKANDA RD.)



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	15

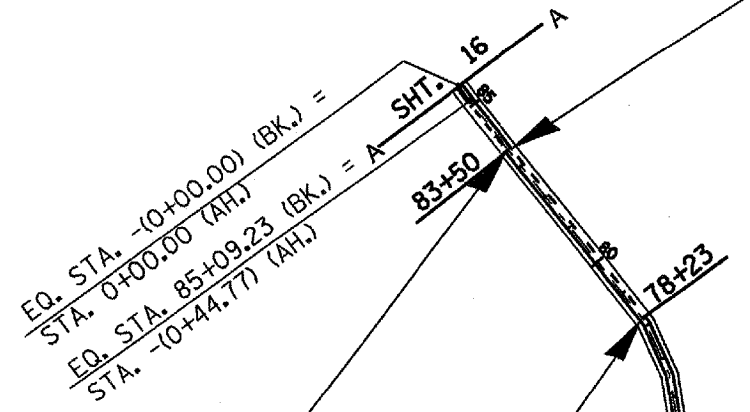
STA. \_\_\_\_\_ TO STA. \_\_\_\_\_  
 FED. ROAD DIST. NO. \_\_\_\_\_ ILLINOIS FED. AID PROJECT

\* VARIOUS  
 \*\* D9 CONT. MAINT. BIT. RES. FY 08-1  
 \*\*\* SALINE & JACKSON



NOT TO SCALE

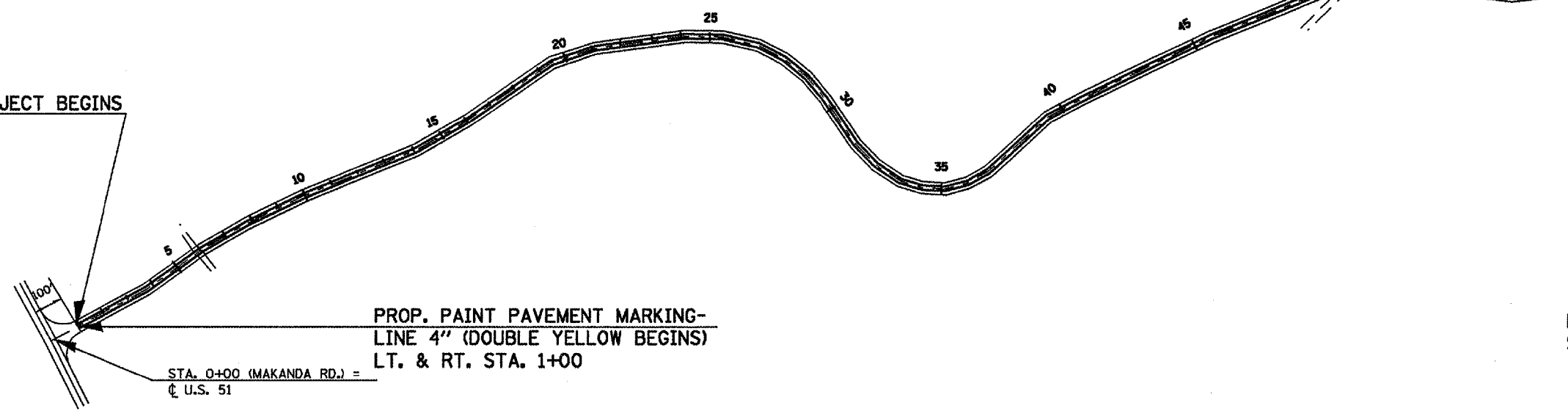
PROP. PAINT PAVEMENT MARKING-  
 LINE 4" BEGINS RT. STA. 83+50



PROP. PAINT PAVEMENT MARKING-  
 LINE 4" ENDS LT. STA. 83+50

PROP. PAINT PAVEMENT MARKING-  
 LINE 4" (DOUBLE YELLOW ENDS)  
 RT. STA. 78+23

PROP. PROJECT BEGINS  
 STA. 1+00



PROP. PAINT PAVEMENT MARKING-  
 LINE 4" (DOUBLE YELLOW BEGINS)  
 LT. & RT. STA. 1+00

STA. 0+00 (MAKANDA RD.) =  
 C U.S. 51

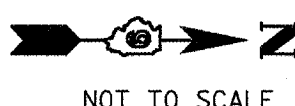
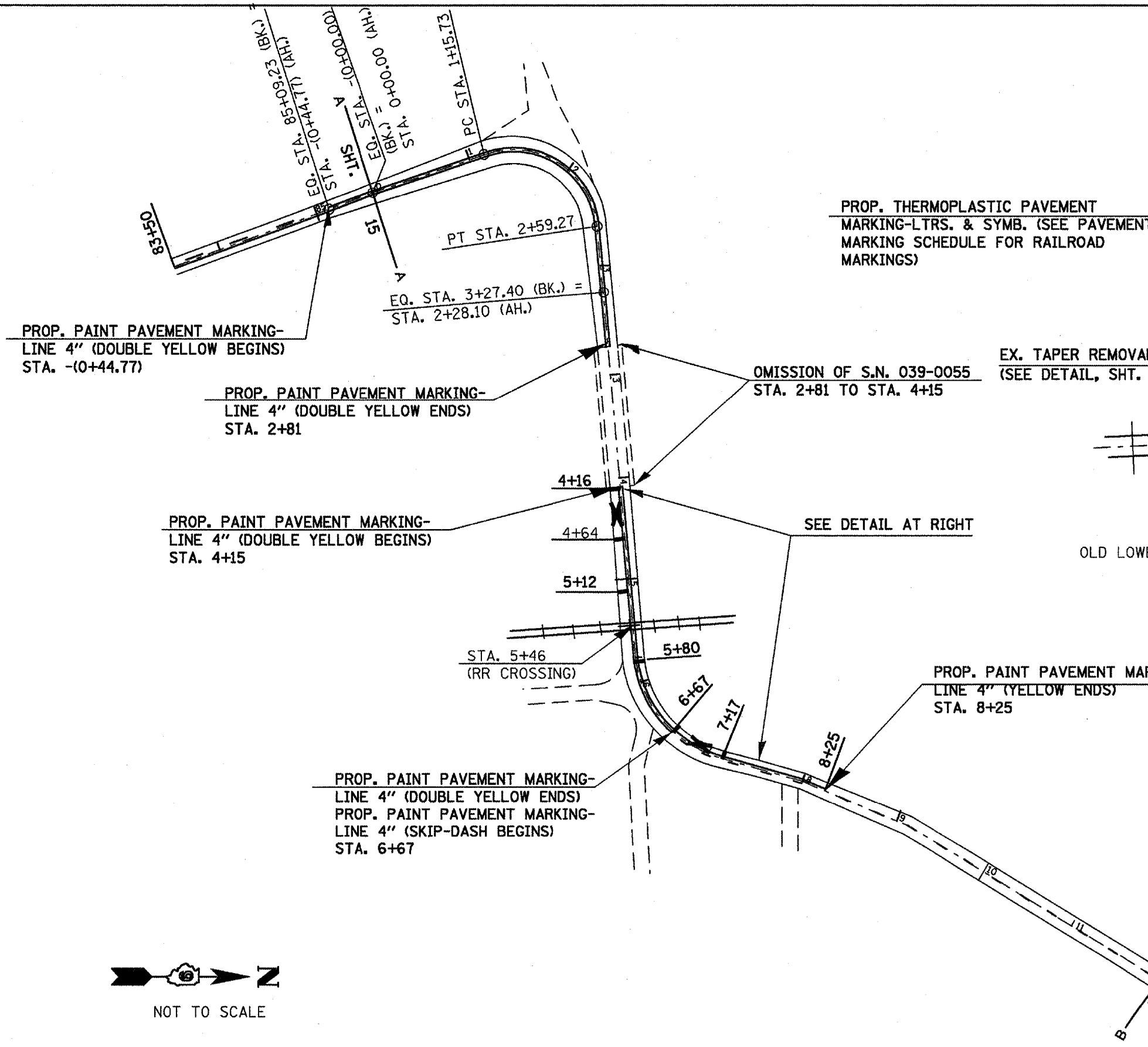
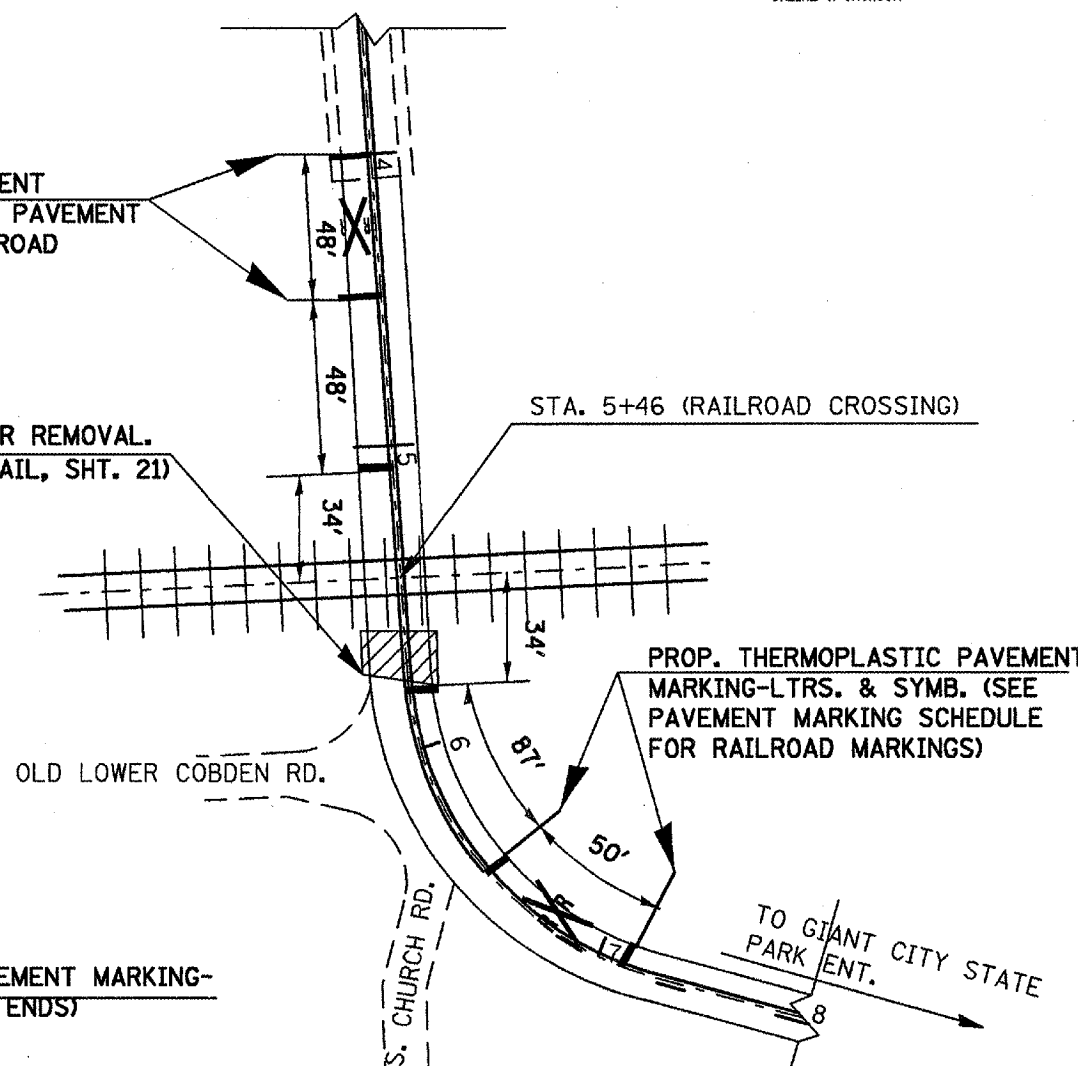
NOTE: FOR PAVEMENT MARKING QUANTITIES,  
 SEE SHEET 12.

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 USER = j...  
 PLOT SCALE = 1/8" = 1'-0"

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

\* VARIOUS  
 \*\* D9 CONT. MAINT. BIT. RES. FY 08-1  
 \*\*\* SALINE & JACKSON

**RAILROAD MARKING DETAIL**



NOT TO SCALE

NOTE: FOR PAVEMENT MARKING QUANTITIES, SEE SHEET 12.

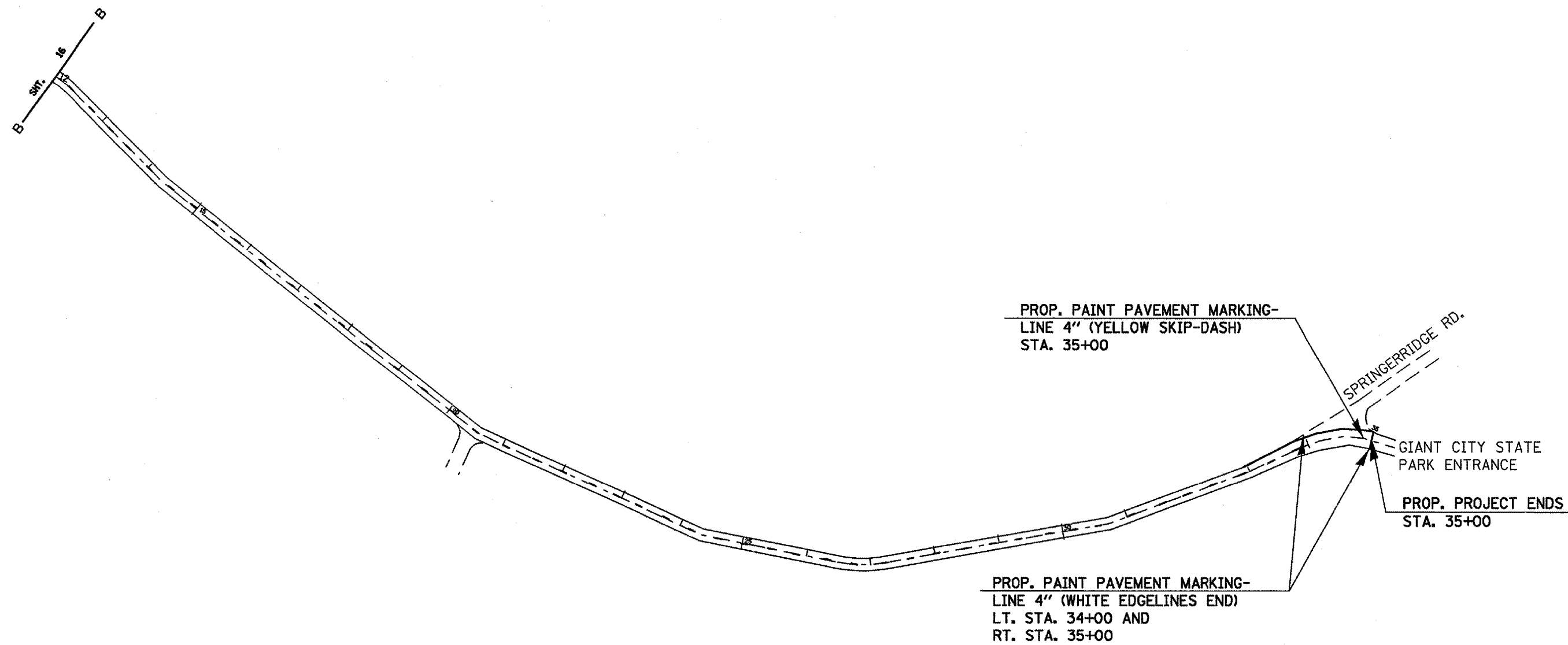
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 USER NAME = mscorcor



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	**	***	30	17
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

- VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

NOT TO SCALE



PROP. PAINT PAVEMENT MARKING-  
LINE 4" (YELLOW SKIP-DASH)  
STA. 35+00

SPRINGERRIDGE RD.

GIANT CITY STATE  
PARK ENTRANCE

PROP. PROJECT ENDS  
STA. 35+00

PROP. PAINT PAVEMENT MARKING-  
LINE 4" (WHITE EDGELINES END)  
LT. STA. 34+00 AND  
RT. STA. 35+00

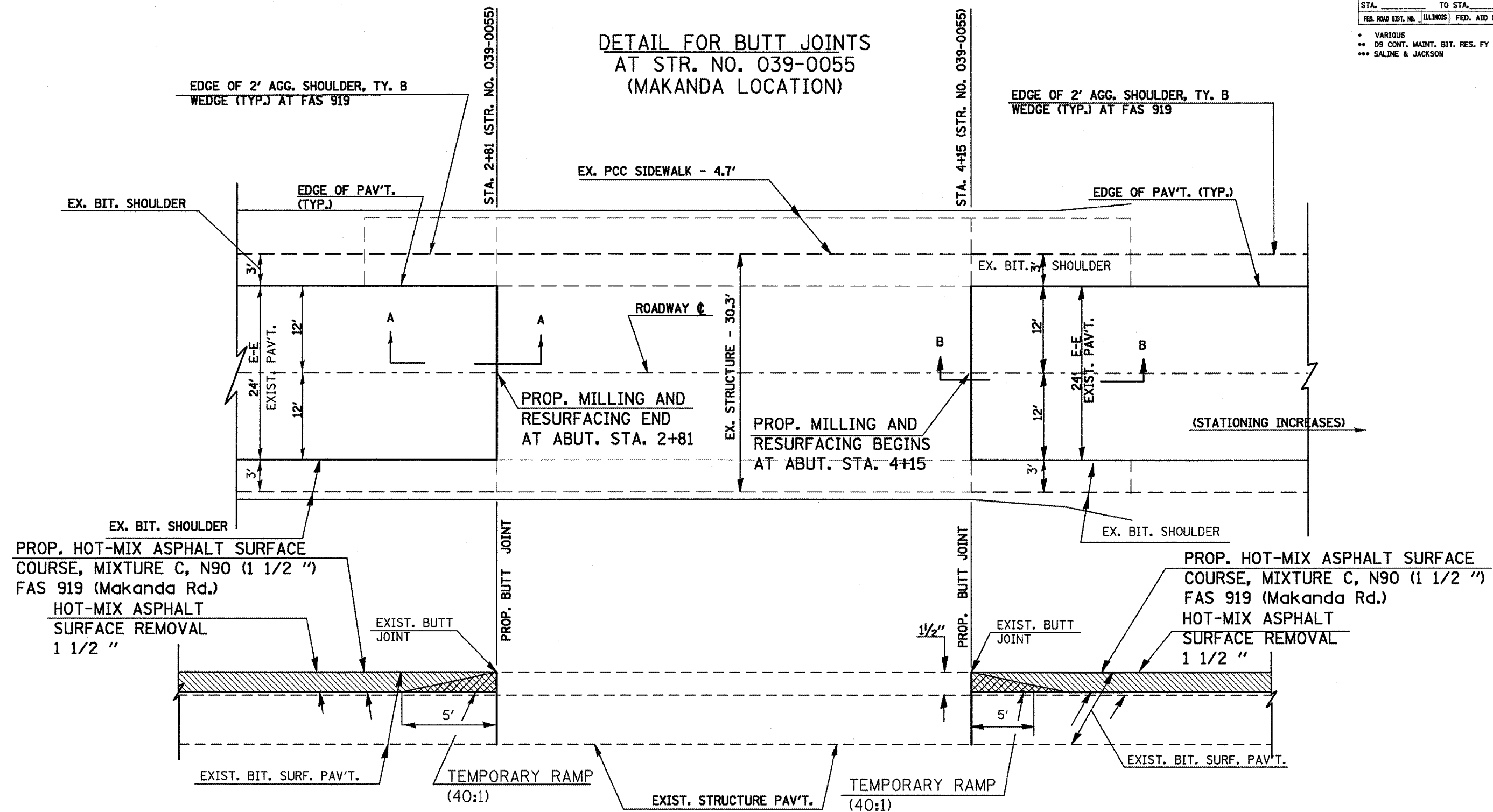
NOTE: FOR PAVEMENT MARKING QUANTITIES,  
SEE SHEET 12.

PLOT DATE = 12/7/2007  
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USER NAME = jacob

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

DETAIL FOR BUTT JOINTS  
AT STR. NO. 039-0055  
(MAKANDA LOCATION)



SECTION A-A  
NOT TO SCALE

SECTION B-B  
NOT TO SCALE

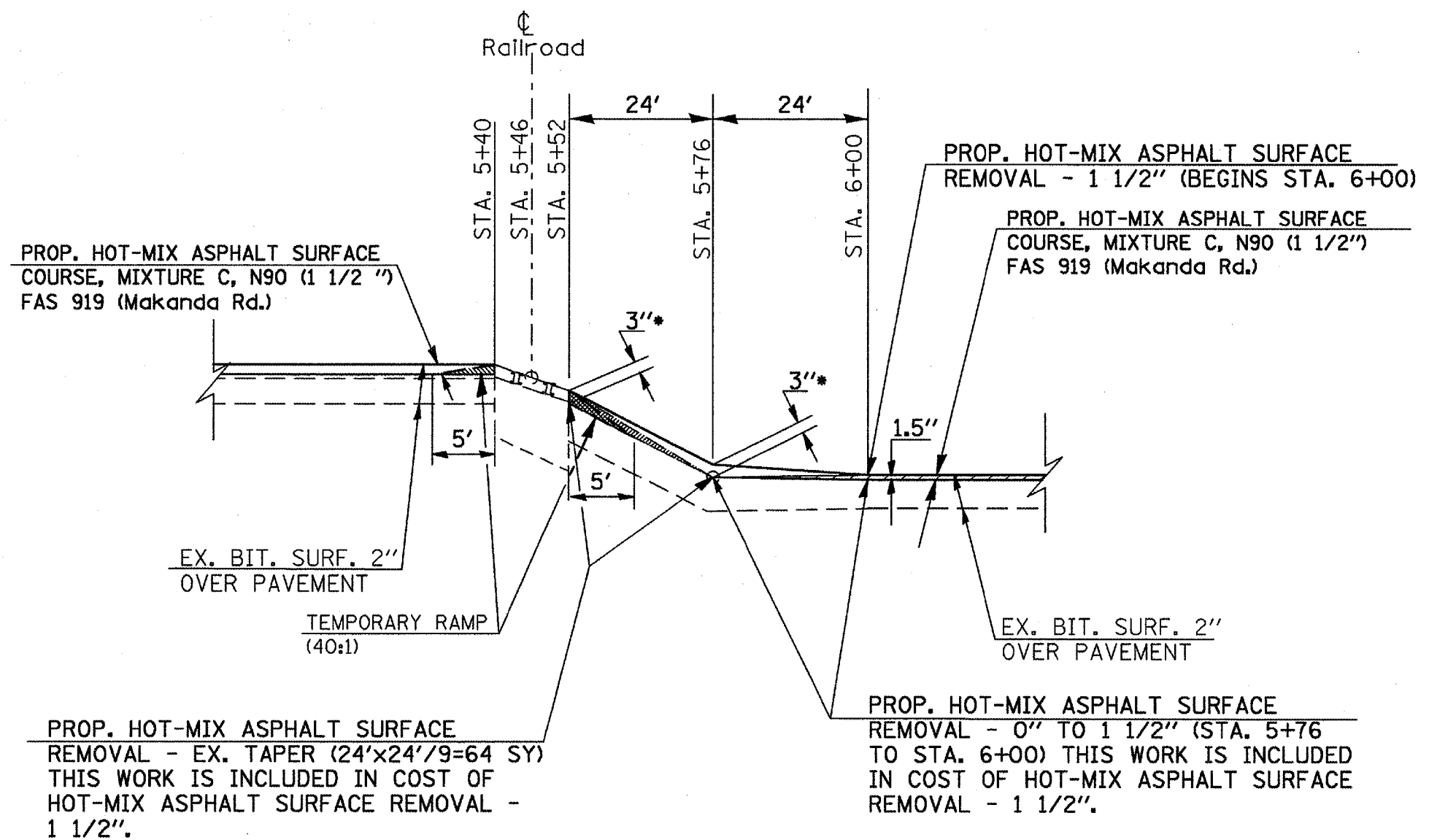
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 USER NAME = masondb

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	19

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

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

### DETAIL EXISTING TAPER REMOVAL AT RAILROAD CROSSING STA. 5+46 (MAKANDA LOCATION)



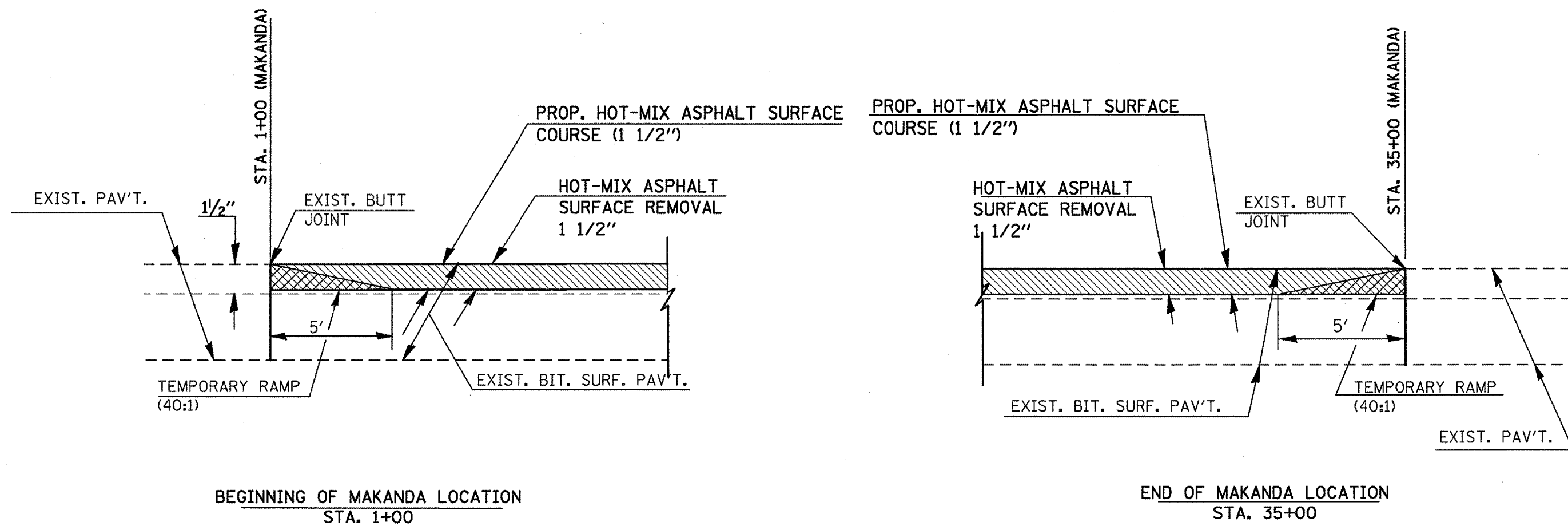
\* THE REMOVAL OF THE EX. BITUMINOUS TAPER AND ADDITION OF PROP. HOT-MIX ASPHALT SURFACE COURSE 3'' IS TO RAISE THE GRADE OF THE ROADWAY ON THE EAST SIDE OF THE RAILROAD TRACKS.

PLOT DATE = 12/7/2007  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = mcorcoran

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

**DETAIL FOR  
BEGINNING AND END OF PROJECT  
(MAKANDA LOCATION)**



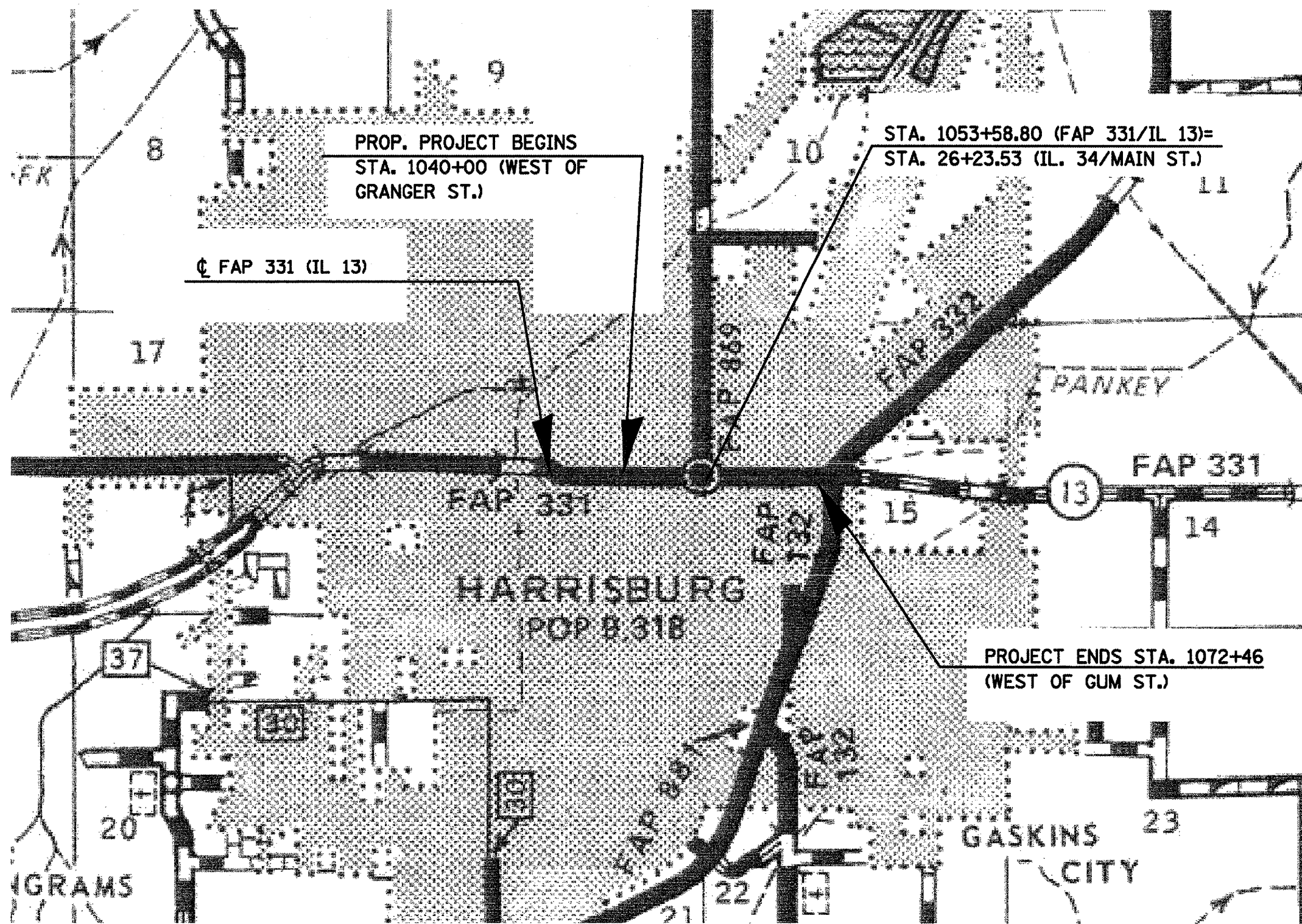
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 USER NAME = mrcorcor

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	21
STA. _____ TO STA. _____		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

## LOCATION 2 FAP 331 (IL 13 IN HARRISBURG)

NO SCALE



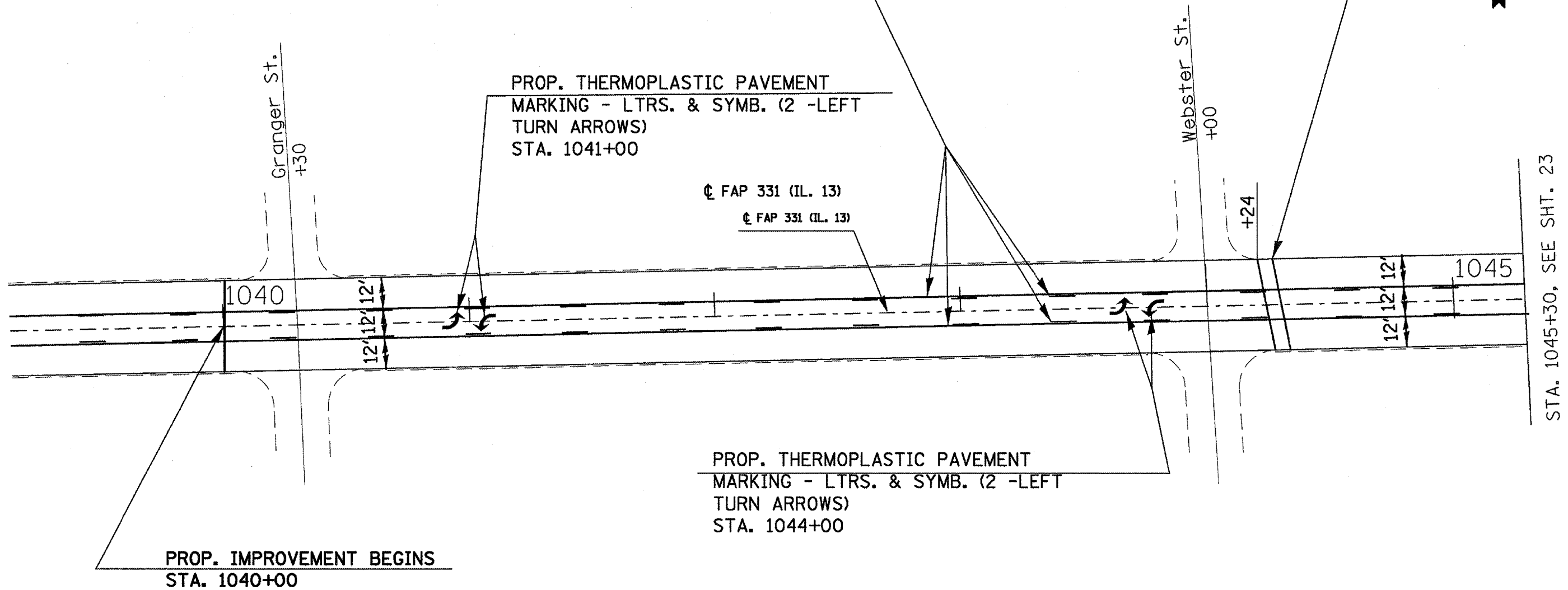
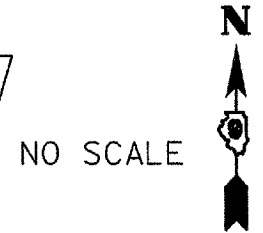
PLOT DATE = 12/7/2007  
 PLOT SCALE = 1/4" = 100'  
 USER NAME = Recorder

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	22
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

- VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4"  
 (CENTER CONT. LEFT TURN LANE)  
 LT. & RT. STA. 1040+00 TO LT. & RT. STA. 1051+04.00  
 PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4"  
 (SKIP-DASH)  
 LT. & RT. STA. 1040+00 TO LT. & RT. STA. 1051+04.00

PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 6"  
 STA. 1044+24

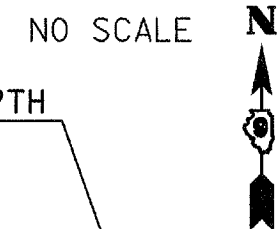


NOTE: FOR PAVEMENT MARKING QUANTITIES,  
 SEE SHEET 13.

PLOT DATE = 12/7/2007  
 PLOT SCALE = 1/4" = 100'  
 USER NAME = mrcorder

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

- VARIOUS
- D9 CONT. MAINT. BIT. RES. FY 08-1
- SALINE & JACKSON



PROP. HMA SURFACE REMOVAL - VAR. DEPTH  
STARTS AT STA. 1051+09

STA. 1045+30, SEE SHT. 22

STA. 1051+31, SEE SHT. 24

⊕ FAP 331 (IL. 13)  
⊕ FAP 331 (IL. 13)

Jackson St.  
+75

1050

+04

PROP. THERMOPLASTIC PAVEMENT  
MARKING - LTRS. & SYMB. (2 -LEFT  
TURN ARROWS)  
STA. 1047+00

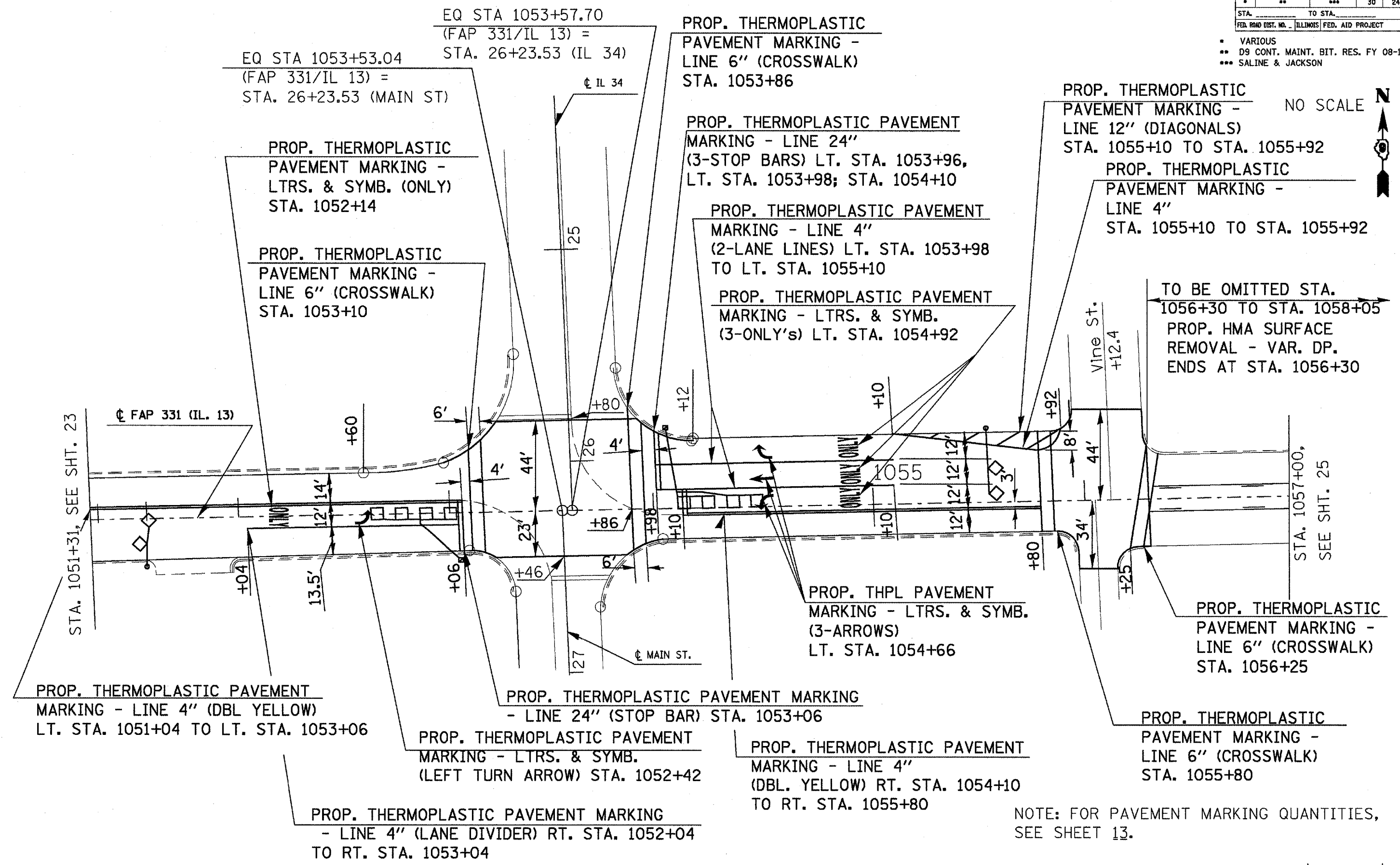
PROP. THERMOPLASTIC PAVEMENT  
MARKING - LTRS. & SYMB. (2 -LEFT  
TURN ARROWS)  
STA. 1050+00

NOTE: FOR PAVEMENT MARKING QUANTITIES,  
SEE SHEET 13.

PLT DATE = 12/7/2007  
PLT SCALE = 1/4" = 10'  
USER NAME = mscorby

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	...	30	24
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		

- VARIOUS
- D9 CONT. MAINT. BIT. RES. FY 08-1
- SALINE & JACKSON



PROP. THERMOPLASTIC PAVEMENT MARKING - NO SCALE  
LINE 12" (DIAGONALS)  
STA. 1055+10 TO STA. 1055+92

PROP. THERMOPLASTIC PAVEMENT MARKING -  
LINE 4"  
STA. 1055+10 TO STA. 1055+92

TO BE OMITTED STA.  
1056+30 TO STA. 1058+05  
PROP. HMA SURFACE  
REMOVAL - VAR. DP.  
ENDS AT STA. 1056+30

PROP. THERMOPLASTIC PAVEMENT MARKING -  
LINE 6" (CROSSWALK)  
STA. 1056+25

PROP. THERMOPLASTIC PAVEMENT MARKING -  
LINE 6" (CROSSWALK)  
STA. 1055+80

PROP. THPL PAVEMENT MARKING - LTRS. & SYMB.  
(3-ARROWS)  
LT. STA. 1054+66

PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4"  
(DBL. YELLOW) RT. STA. 1054+10  
TO RT. STA. 1055+80

PROP. THERMOPLASTIC PAVEMENT MARKING -  
LINE 6" (CROSSWALK)  
STA. 1053+86

PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 24"  
(3-STOP BARS) LT. STA. 1053+96,  
LT. STA. 1053+98; STA. 1054+10

PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4"  
(2-LANE LINES) LT. STA. 1053+98  
TO LT. STA. 1055+10

PROP. THERMOPLASTIC PAVEMENT MARKING - LTRS. & SYMB.  
(3-ONLY'S) LT. STA. 1054+92

PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 24" (STOP BAR) STA. 1053+06

PROP. THERMOPLASTIC PAVEMENT MARKING - LTRS. & SYMB.  
(LEFT TURN ARROW) STA. 1052+42

PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (LANE DIVIDER) RT. STA. 1052+04  
TO RT. STA. 1053+04

PROP. THERMOPLASTIC PAVEMENT MARKING - LTRS. & SYMB. (ONLY)  
STA. 1052+14

PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (CROSSWALK)  
STA. 1053+10

PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DBL YELLOW)  
LT. STA. 1051+04 TO LT. STA. 1053+06

NOTE: FOR PAVEMENT MARKING QUANTITIES,  
SEE SHEET 13.

PLOT DATE = 12/7/2007  
 FILE NAME = c:\pavement\78012\78012.dwg  
 USER NAME = hrcrck



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	25
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON



NO SCALE

PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4"  
 (CENTER CONT. LEFT TURN LANE)  
 LT. & RT. STA. 1058+05 TO LT. & RT. STA. 1072+46  
 PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 4"  
 (SKIP-DASH)  
 LT. & RT. STA. 1058+05 TO LT. & RT. STA. 1072+46

PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (CROSSWALK)  
 STA. 1060+88

☉ FAP 331 (IL. 13)

PROP. THERMOPLASTIC PAVEMENT MARKING - LTRS. & SYMB. (2 -LEFT TURN ARROWS)  
 STA. 1061+50

PROP. THERMOPLASTIC PAVEMENT MARKING - LTRS. & SYMB. (2 -LEFT TURN ARROWS)  
 STA. 1058+50

PROP. THERMOPLASTIC PAVEMENT MARKING - LINE 6" (CROSSWALK)  
 STA. 1058+05

TO BE OMITTED  
 STA. 1056+30 TO  
 STA. 1058+05

STA. 1057+00, SEE SHT. 24

STA. 1063+25, SEE SHT. 26

Cherry St.  
 +21

Mill St.  
 +70

+05

+88

1060

14'  
12'  
14'

14'  
12'  
14'

NOTE: FOR PAVEMENT MARKING QUANTITIES, SEE SHEET 13.

PLOT DATE = 12/7/2007  
 FILE NAME = 041003.dwg  
 USER = jll  
 PLOTTER = HP DesignJet 2450

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	26

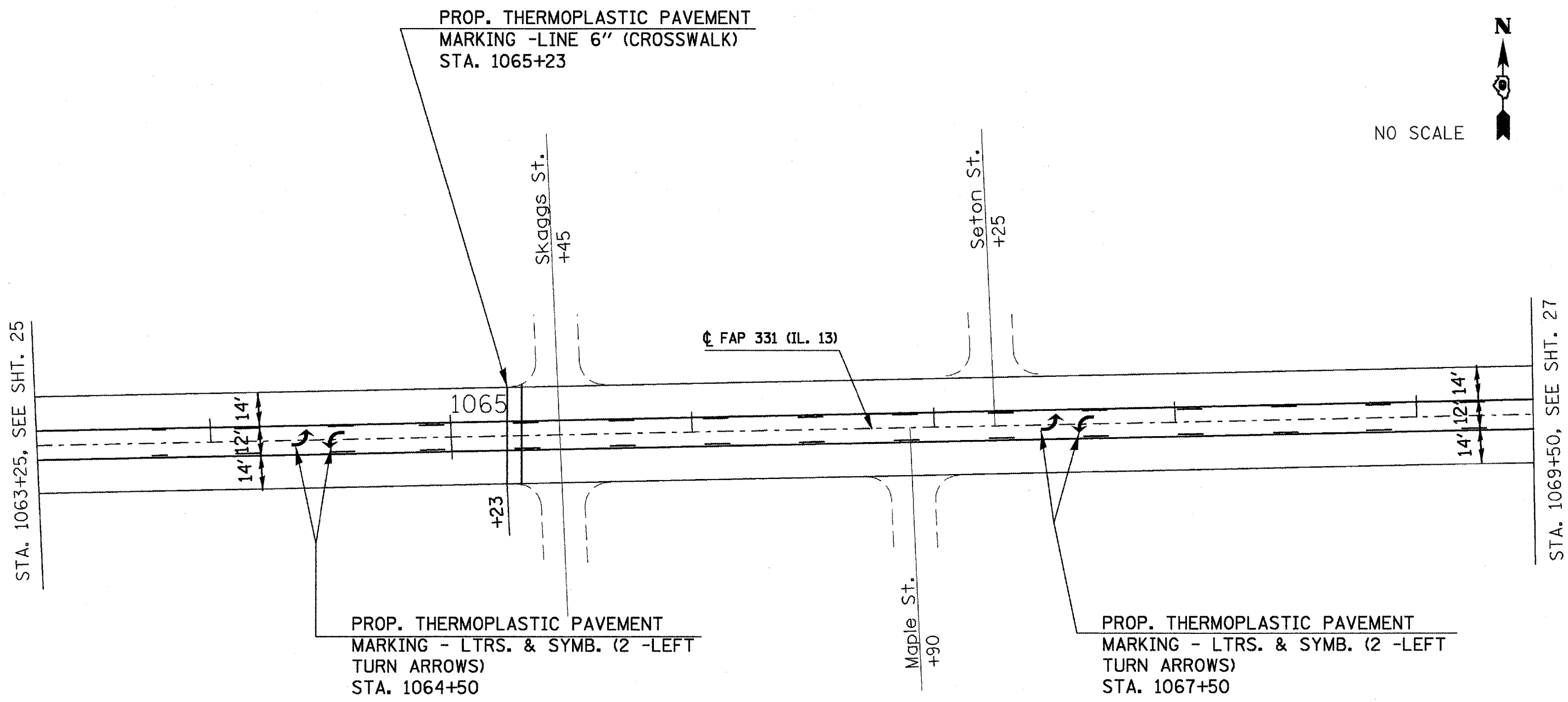
STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

FED. ROAD DIST. NO. \_\_\_\_\_ ILLINOIS FED. AID PROJECT

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON



NO SCALE



STA. 1063+25, SEE SHT. 25

STA. 1069+50, SEE SHT. 27

PLOT DATE = 12/7/2007  
 FILE NAME = C:\Users\jones\Documents\FAP331\_IL13.dgn  
 USER NAME = jones

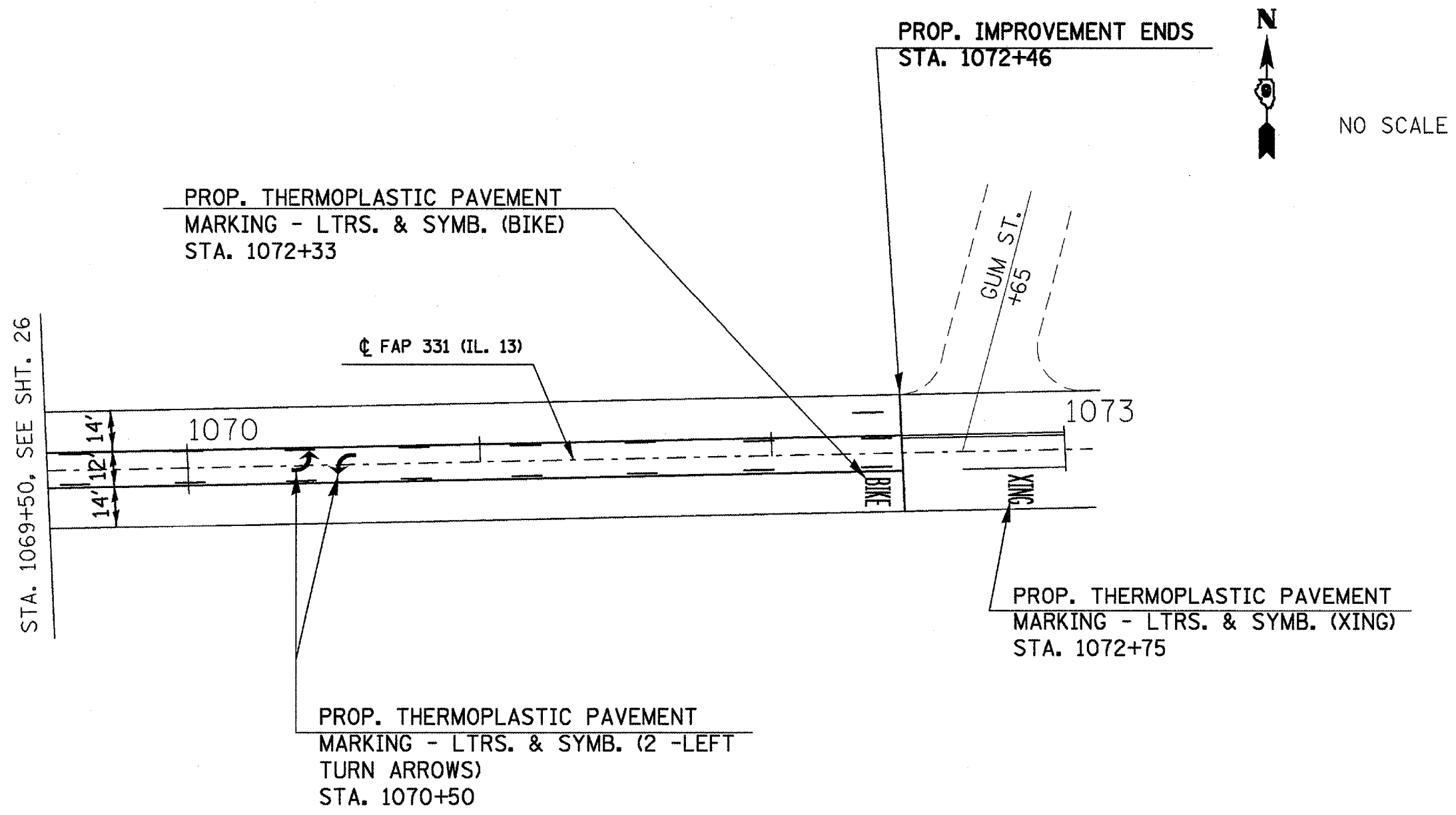
NOTE: FOR PAVEMENT MARKING QUANTITIES, SEE SHEET 13.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	27

STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

FED. ROAD DIST. NO. \_\_\_\_\_ ILLINOIS FED. AID PROJECT

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON



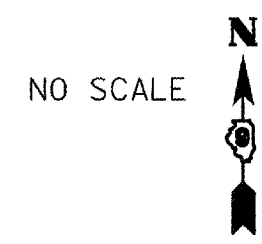
NOTE: FOR PAVEMENT MARKING QUANTITIES,  
SEE SHEET 13.

PLOT DATE = 12/7/2007  
 FILE NAME = c:\pavement\78012\1072+33.dgn  
 USER NAME = mroberts

CONTRACT NO. 78012

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- VARIOUS
- D9 CONT. MAINT. BIT. RES. FY 08-1
- SALINE & JACKSON



PROP. TEMP. RAMP  
LT. STA. 1056+12, 20 S.Y.

PROP. DETECTOR LOOPS, TYPE 1  
LT. STA. 1055+53, 72 FT.

PROP. TEMP. RAMP  
LT. STA. 1053+57, 39 S.Y.

PROP. DETECTOR LOOPS, TYPE 1  
STA. 1054+08 TO STA. 1054+50,  
171 FT.

Vine St.  
+12.4

25

+80

26

ONLY ONLY

1055

+46

MILLING SHALL STOP PRIOR TO  
EX. BRICK PAVEMENT.

PROP. DETECTOR LOOPS, TYPE 1  
STA. 1052+62 TO STA. 1053+05,  
124 FT.

PROP. TEMP. RAMP  
RT. STA. 1053+53, 36 S.Y.

PROP. DETECTOR LOOPS, TYPE 1  
RT. STA. 1051+47, 60 FT.

PROP. TEMP. RAMP  
RT. STA. 1056+05, 11 S.Y.

PROP. TEMP. RAMP  
STA. 1056+30, 28 S.Y.

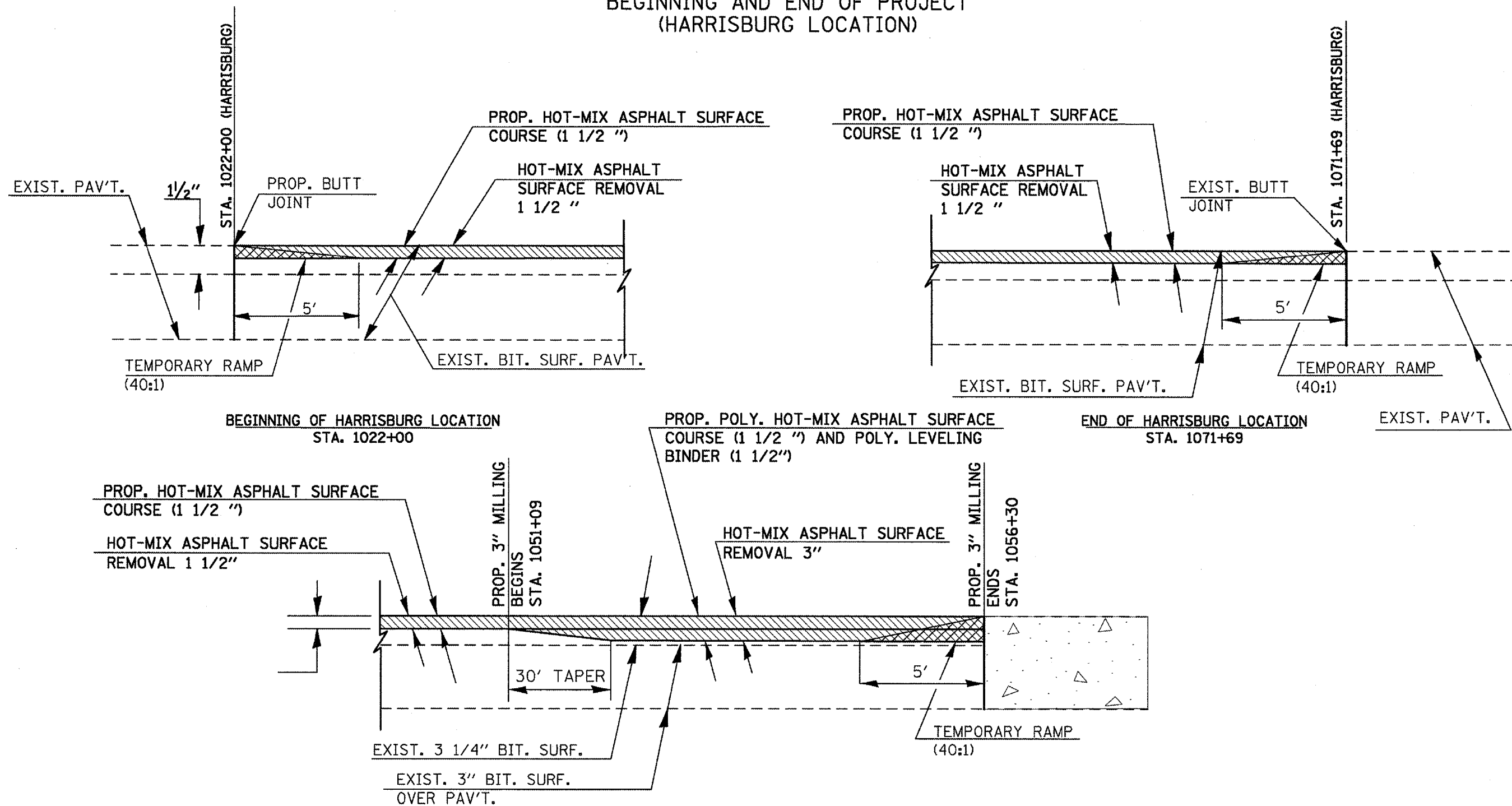
NOTE: FOR DETECTOR LOOP DETAILS, SEE  
STANDARD 866001 AND 866006.

PLOT DATE = 12/7/2007  
 PLOT SCALE = 1/4" = 100'  
 USER NAME = mroberts

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	30	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- \* VARIOUS
- \*\* D9 CONT. MAINT. BIT. RES. FY 08-1
- \*\*\* SALINE & JACKSON

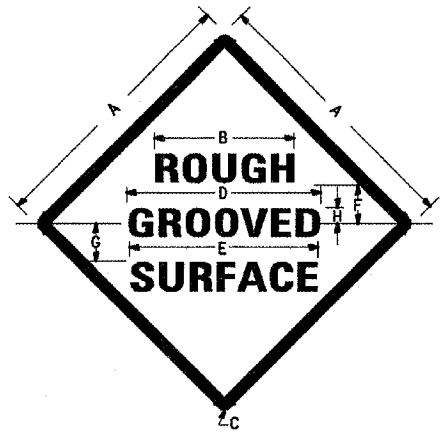
DETAIL FOR  
BEGINNING AND END OF PROJECT  
(HARRISBURG LOCATION)



BUTT JOINT DETAIL AT BEGINNING AND END OF PROJECT

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0	00	000	30	30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

- VARIOUS
- D9 CONT. MAINT. BIT. RES. FY 08-1
- SALINE & JACKSON



**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

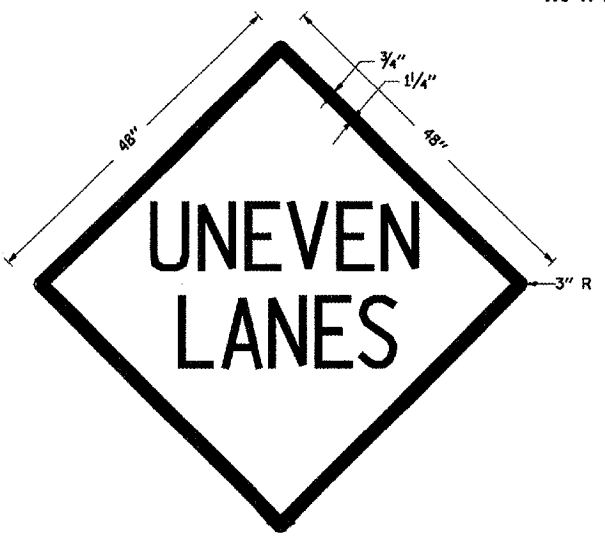
**NOTES:**

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.

**UNEVEN LANES SIGN**  
WB-11 (48" x 48")



**COLORS:**

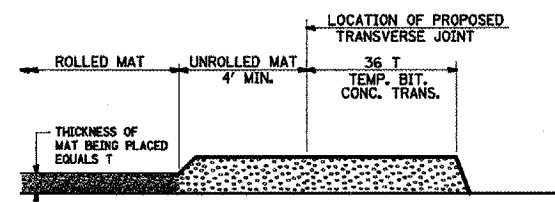
LEGEND AND BORDER - BLACK NON-REFLECTORIZED  
BACKGROUND - ORANGE REFLECTORIZED

**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.

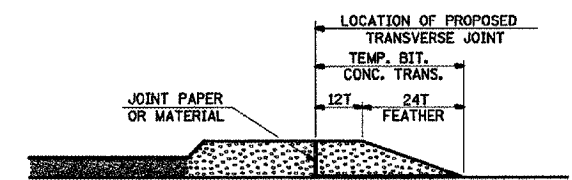
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

**TEMPORARY BITUMINOUS CONCRETE TRANSITIONS**



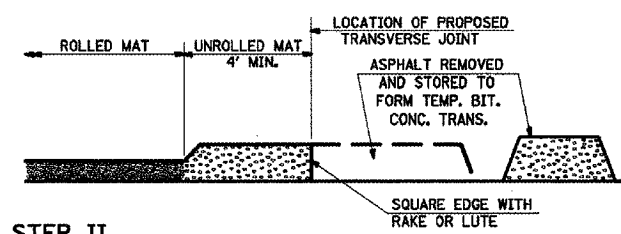
**STEP I**

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.



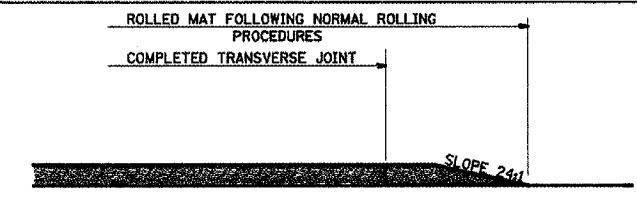
**STEP III**

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 BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE BITUMINOUS MATERIAL BEING PLACED.

PLOT DATE = 12/7/2007  
FILE NAME = c:\pave\pave\149823787.dwg  
PLOT SCALE = 1/8"=1'-0"  
USER NAME = mcmurder

STD. 9-41

STD. 9-26

**DETAILS - ROUGH GROOVED SURFACE SIGN; UNEVEN LANE SIGN; TEMP. BITUMINOUS CONC. TRANSITION**