

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

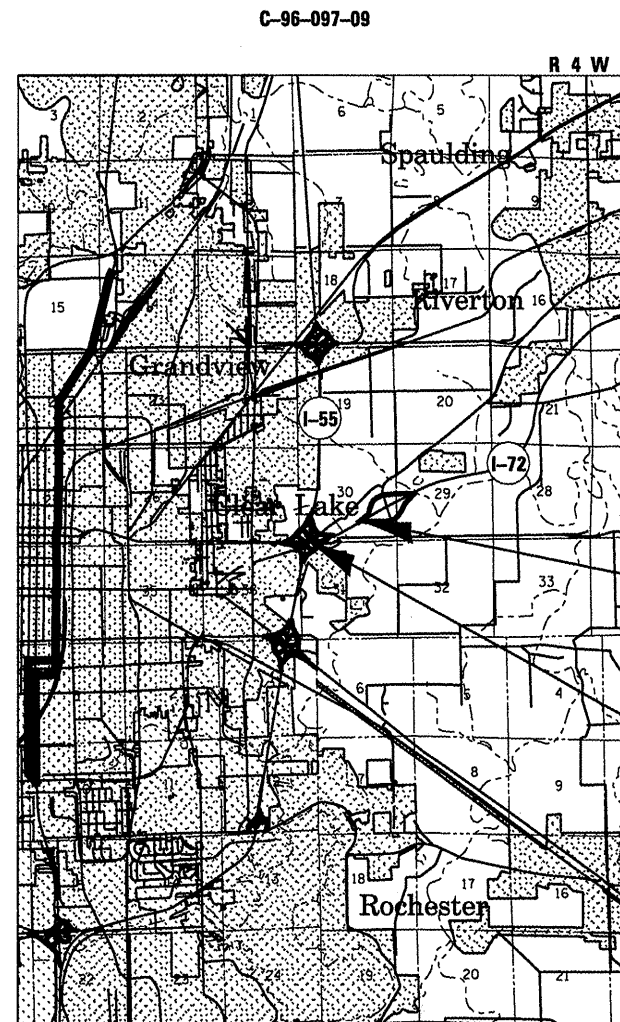
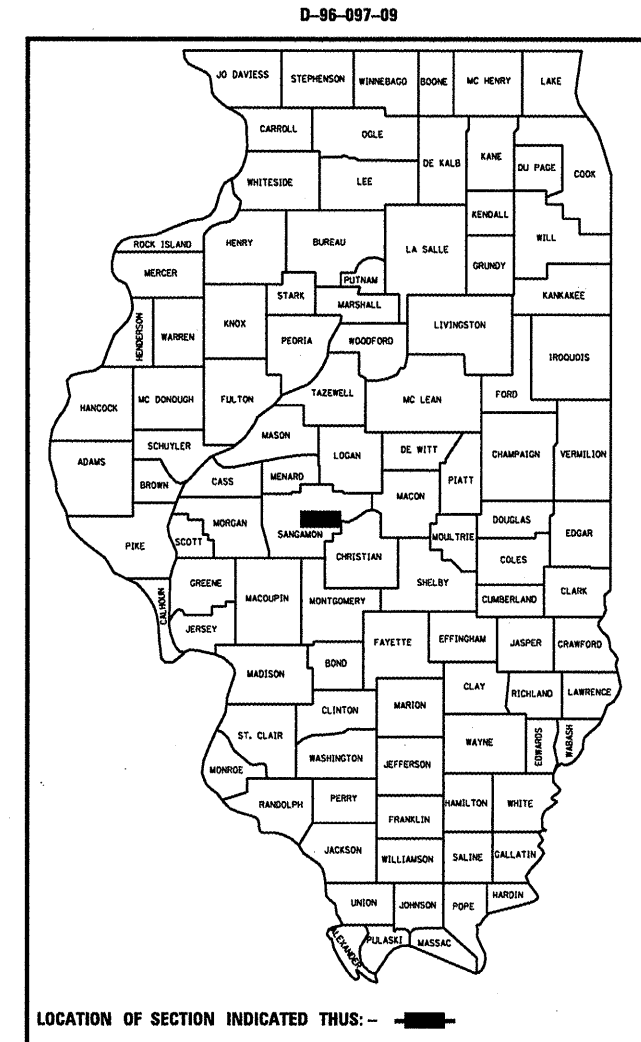
PROPOSED CONTRACT MAINTENANCE

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FAI 72 ROUTE (I-72)
SECTION 84-10-1, PATCHING

SANGAMON COUNTY

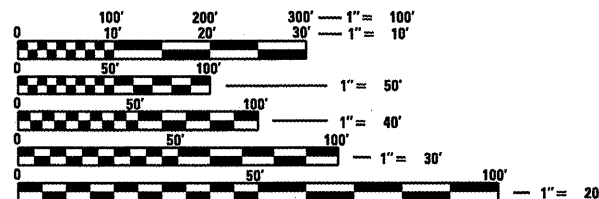
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|-------------------|--------------------|--------------|-----------|
| 72 | 84-10-1, PATCHING | SANGAMON | 13 | 1 |
| FED. ROAD DIST. NO. ILLINOIS | | CONTRACT NO. 72D02 | | |



END PROJECT
STA. 167 + 42.591m
STA. 83 + 14.00e

BEGIN PROJECT
STA. 51 + 89.00e

NET LENGTH = 5,468.00 FT. = 1.036 MILE



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

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

PLAN AND CONTRACT TECHNICIAN
TIMOTHY SHARP (217)782-7743

CONTRACT NO. 72D02

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 21 20 09

Reg. 2 Dunder
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 26, 20 09
Charles J. Ingersoll *RD*
ENGINEER OF DESIGN AND ENVIRONMENT

June 26, 20 09
Christine M. Reed *RD*
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX

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- 12 BUTT JOINT DETAIL
- 13 DETOUR SIGNING PLAN

STANDARDS

- 701101-02
- 701106-02
- 701400-03
- 701401-05
- 701451
- 701901-01
- 780001-02
- 781001-03

| |
|---|
| STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6 |
| EXAMINED <u>May 21</u> 20 <u>09</u> <u>Paul J. Horan</u> ENGINEER OF OPERATIONS |
| EXAMINED <u>May 21</u> 20 <u>09</u> <u>Paul J. Horan</u> ENGINEER OF PROGRAM IMPLEMENTATION |
| EXAMINED <u>May 7</u> 20 <u>09</u> <u>QPLI</u> ENGINEER OF PROGRAM DEVELOPMENT |

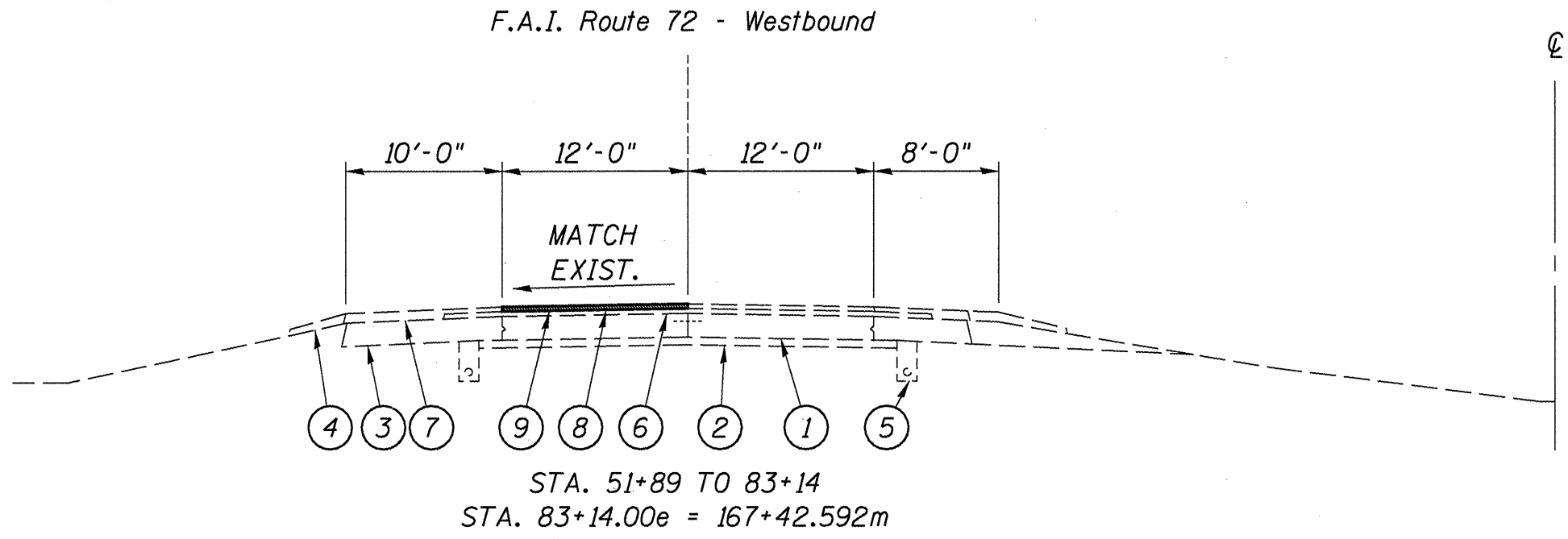
INDEX/STANDARDS/SIGNATURES
FAI 72 (I-72)
SECT. 84-10-1, PATCHING
SANGAMON COUNTY

S U M M A R Y O F Q U A N T I T I E S

| CODE NO. | ITEM | UNIT | URBAN |
|------------|---|--------|------------|
| | | | 100% STATE |
| | | | TOTAL QTY |
| 40600200 | BITUMINOUS MATERIALS (PRIME COAT) | TON | 4.5 |
| 40603550 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105 | TON | 980 |
| 40800050 | INCIDENTAL HOT-MIX ASPHALT SURFACING | TON | 103 |
| 44000155 | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" | SQ YD | 11,628 |
| 67100100 | MOBILIZATION | L SUM | 1 |
| 70100800 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 | L SUM | 1 |
| 70100820 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701451 | L SUM | 1 |
| 70106800 | CHANGEABLE MESSAGE SIGN | CAL MO | 2.0 |
| 70300100 | SHORT-TERM PAVEMENT MARKING | FOOT | 264 |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ FT | 88 |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 15 |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 15 |
| X0325702 | NIGHTTIME WORK ZONE LIGHTING | L SUM | 1 |
| * X7800620 | URETHANE PAVEMENT MARKING - LINE 5" | FOOT | 4,201 |
| * X7800640 | URETHANE PAVEMENT MARKING - LINE 8" | FOOT | 1,134 |

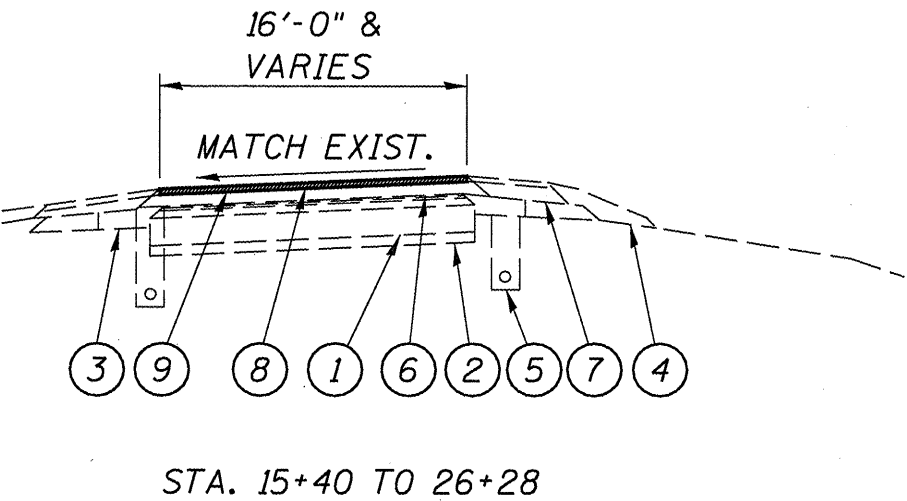
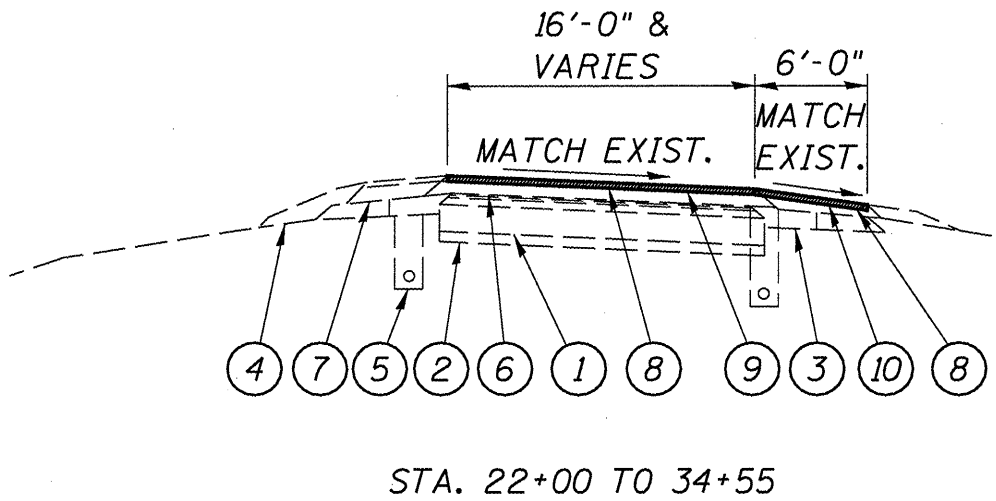
* SPECIALTY ITEMS

QUANTITIES
FAI 55 (I-55)
SECT. 84-1-2 PATCHING 2009
SANGAMON COUNTY



E.B. CLEARLAKE RAMP TO I-72

W.B. CAMP BUTLER RAMP TO I-72

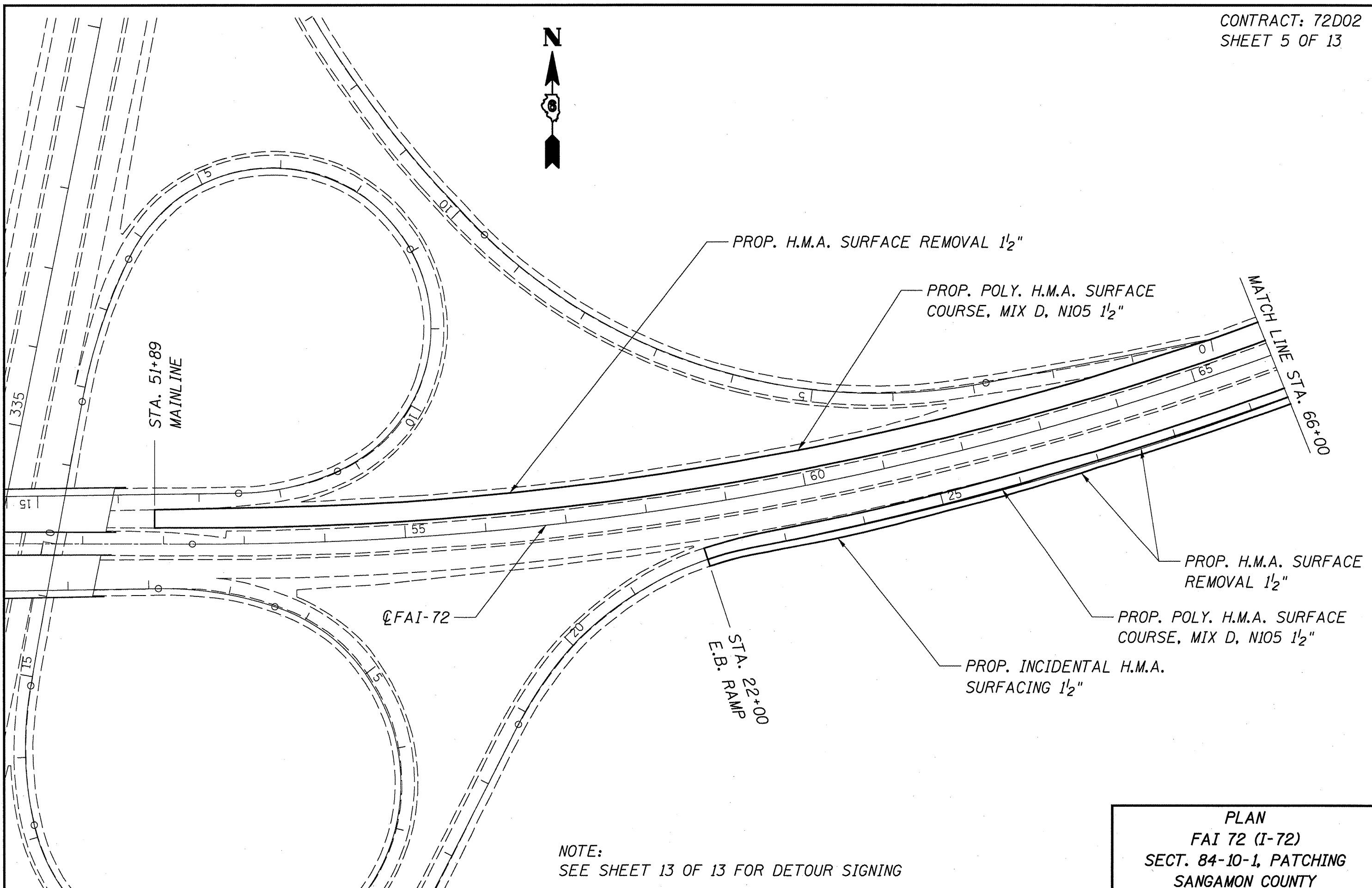


LEGEND

- 1 - EXIST. C.R.P.C.C. PAVEMENT 8"
- 2 - EXIST. STABILIZED SUB-BASE 4"
- 3 - EXIST. STABILIZED SHOULDER 8"
- 4 - EXIST. AGG. SHOULDER
- 5 - EXIST. PIPE DRAIN
- 6 - EXIST. H.M.A. SURFACING
- 7 - EXIST. H.M.A. SHOULDER
- 8 - PROP. H.M.A. SURFACE REMOVAL 1 1/2"
- 9 - PROP. POLYMERIZED H.M.A. SURFACE COURSE, MIX 'D', N105
- 10 - PROP. INCIDENTAL H.M.A. SURFACING

NOTE:
SEE SHEET 13 OF 13 FOR DETOUR SIGNING

TYPICAL SECTIONS
FAI 72 (I-72)
SEC 84-10-1, PATCHING
SANGAMON COUNTY



NOTE:
SEE SHEET 13 OF 13 FOR DETOUR SIGNING

PLAN
FAI 72 (I-72)
SECT. 84-10-1, PATCHING
SANGAMON COUNTY



STA. 26+28
W.B. RAMP

MATCH LINE STA. 80+00

PROP. POLY. H.M.A. SURFACE
COURSE, MIX D, N105 1/2"

PROP. H.M.A. SURFACE
REMOVAL 1/2"

QFAI-72

PROP. H.M.A. SURFACE
REMOVAL 1/2"

STA. 34+55
E.B. RAMP

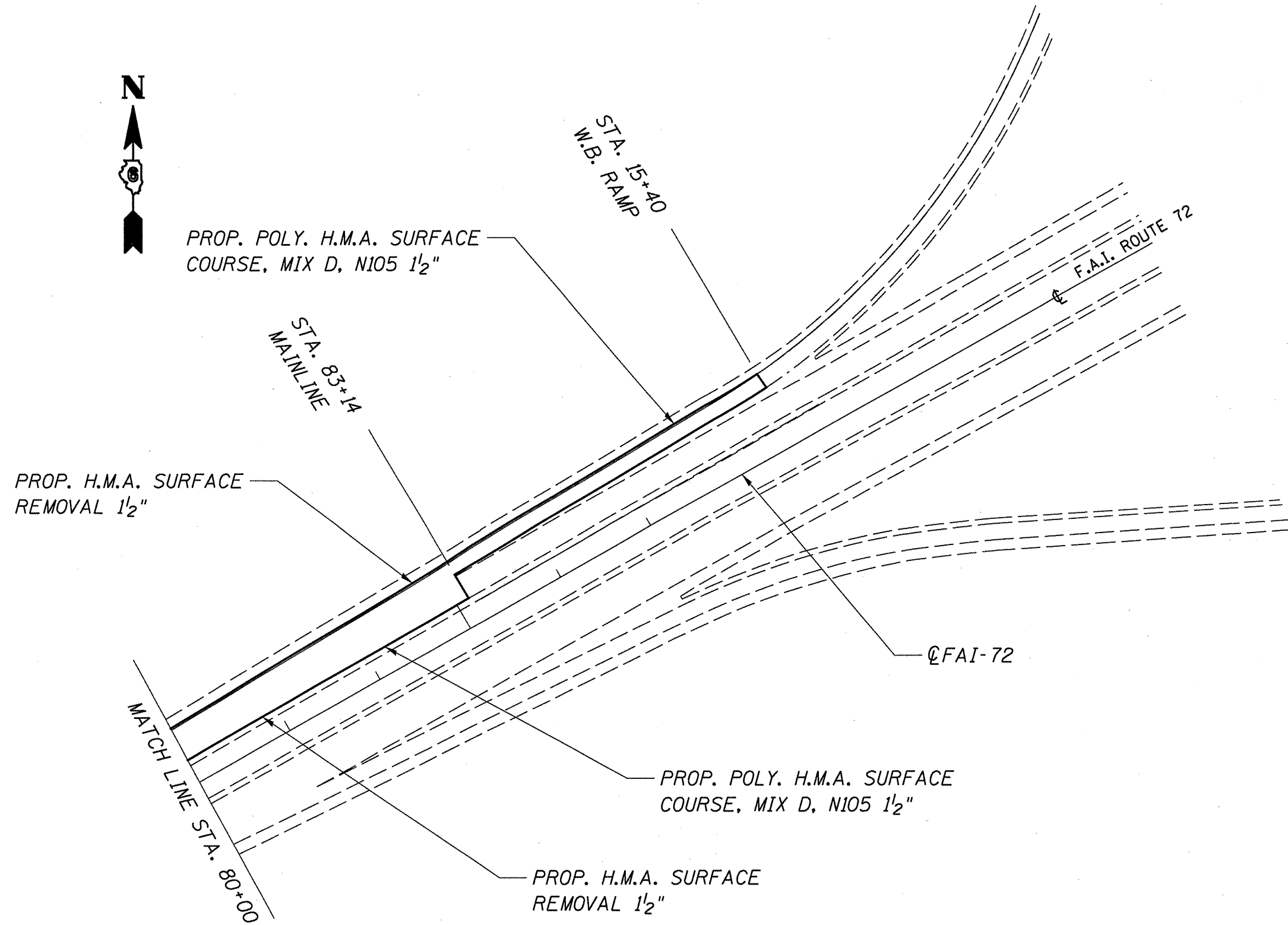
PROP. INIDENTAL H.M.A.
SURFACING 1/2"

PROP. POLY. H.M.A. SURFACE
COURSE, MIX D, N105 1/2"

MATCH LINE STA. 66+00

NOTE:
SEE SHEET 13 OF 13 FOR DETOUR SIGNING

PLAN
FAI 72 (I-72)
SECT. 84-10-1, PATCHING
SANGAMON COUNTY



NOTE:
SEE SHEET 13 OF 13 FOR DETOUR SIGNING

PLAN
FAI 72 (I-72)
SECT. 84-10-1, PATCHING
SANGAMON COUNTY

| PAVEMENT MARKING SCHEDULE | | | |
|-----------------------------------|-----------|-----------------|-----------------|
| STATION | TYPE | URETHANE PAV'T. | URETHANE PAV'T. |
| | | MARK. - LINE 5" | MARK. - LINE 8" |
| | | WHITE | WHITE |
| E.B. RAMP LT. STA. 22+00 TO 26+58 | EDGE LINE | | 458 FT |
| E.B. RAMP RT. STA. 22+00 TO 34+55 | EDGE LINE | 1,255 FT | |
| MAINLINE LT. STA. 52+49 TO 53+70 | EDGE LINE | | 121 FT |
| MAINLINE LT. STA. 53+70 TO 61+65 | EDGE LINE | 795 FT | |
| MAINLINE LT. STA. 61+65 TO 63+70 | EDGE LINE | | 205 FT |
| MAINLINE LT. STA. 65+13 TO 75+76 | EDGE LINE | 1,063 FT | |
| W.B. RAMP LT. STA. 15+40 TO 18+90 | EDGE LINE | | 350 FT |
| W.B. RAMP RT. STA. 15+40 TO 26+28 | EDGE LINE | 1,088 FT | |
| TOTALS | | 4,201 FT | 1,134 FT |

| MIXTURE REQUIREMENTS | | |
|--|--------------------------------|---------------------------|
| THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT | | |
| MIXTURE USE(S): | POLY. H.M.A. S.C., MIX D, N105 | INCIDENTAL H.M.A. SURFACE |
| AC/PG | SBS PG 70-22 | PG 64-22 |
| DESIGN AIR VOIDS: | 4.0% @ N DESIGN = 105 | 4.0% @ N DESIGN = 50 |
| MIXTURE COMP: | IL 9.5 OR 12.5 | IL 9.5 OR 12.5 |
| FRICITION AGG: | MIX "D" | MIX "C" |

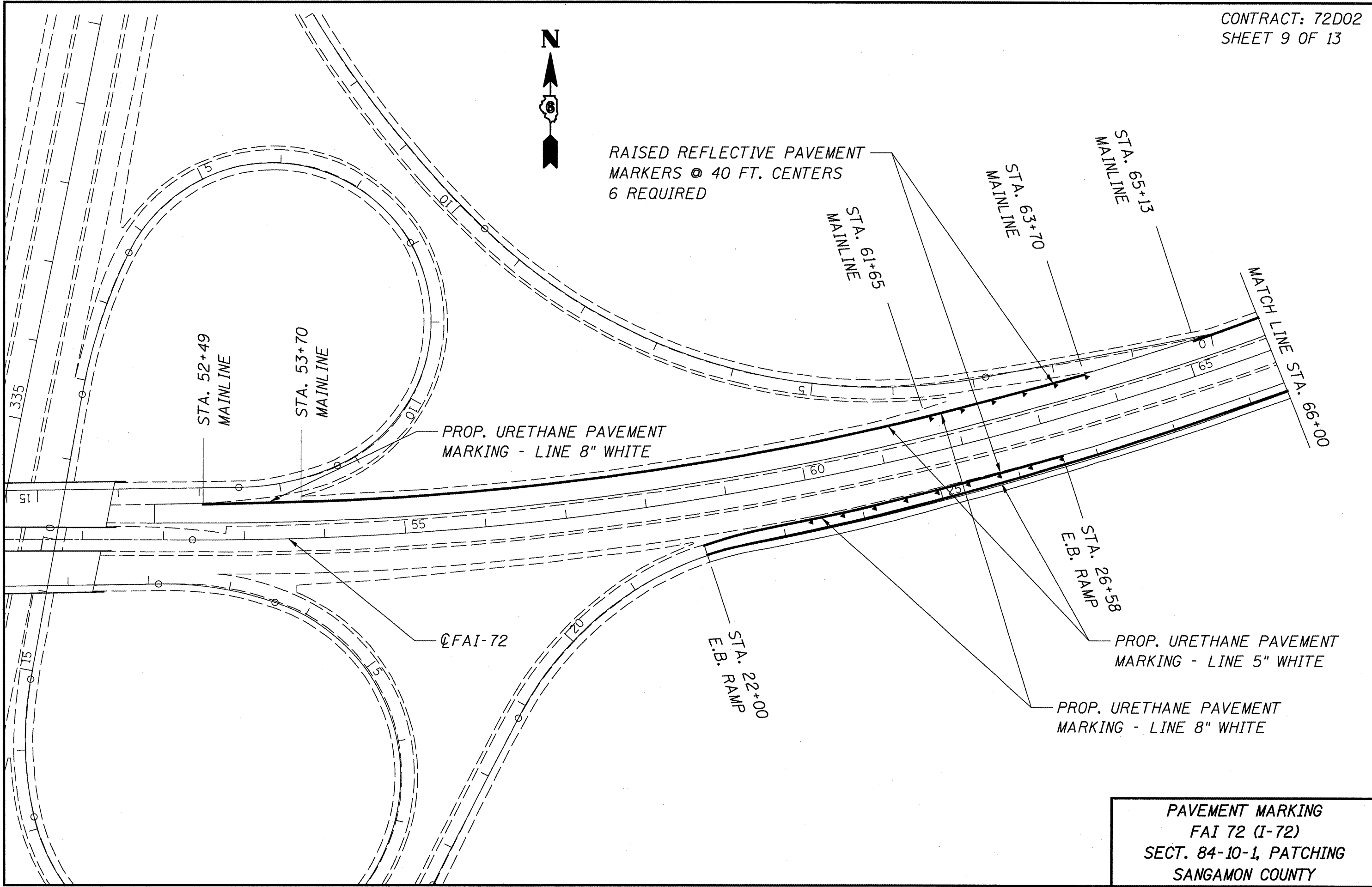
NOTES:

1. STATIONS ARE APPROXIMATE.

SCHEDULES
FAI 72 (I-72)
SECT. 84-10-1, PATCHING
SANGAMON COUNTY



RAISED REFLECTIVE PAVEMENT
MARKERS @ 40 FT. CENTERS
6 REQUIRED



STA. 52+49
MAINLINE

STA. 53+70
MAINLINE

PROP. URETHANE PAVEMENT
MARKING - LINE 8" WHITE

Q FAI-72

STA. 22+00
E.B. RAMP

STA. 61+65
MAINLINE

STA. 63+70
MAINLINE

STA. 65+13
MAINLINE

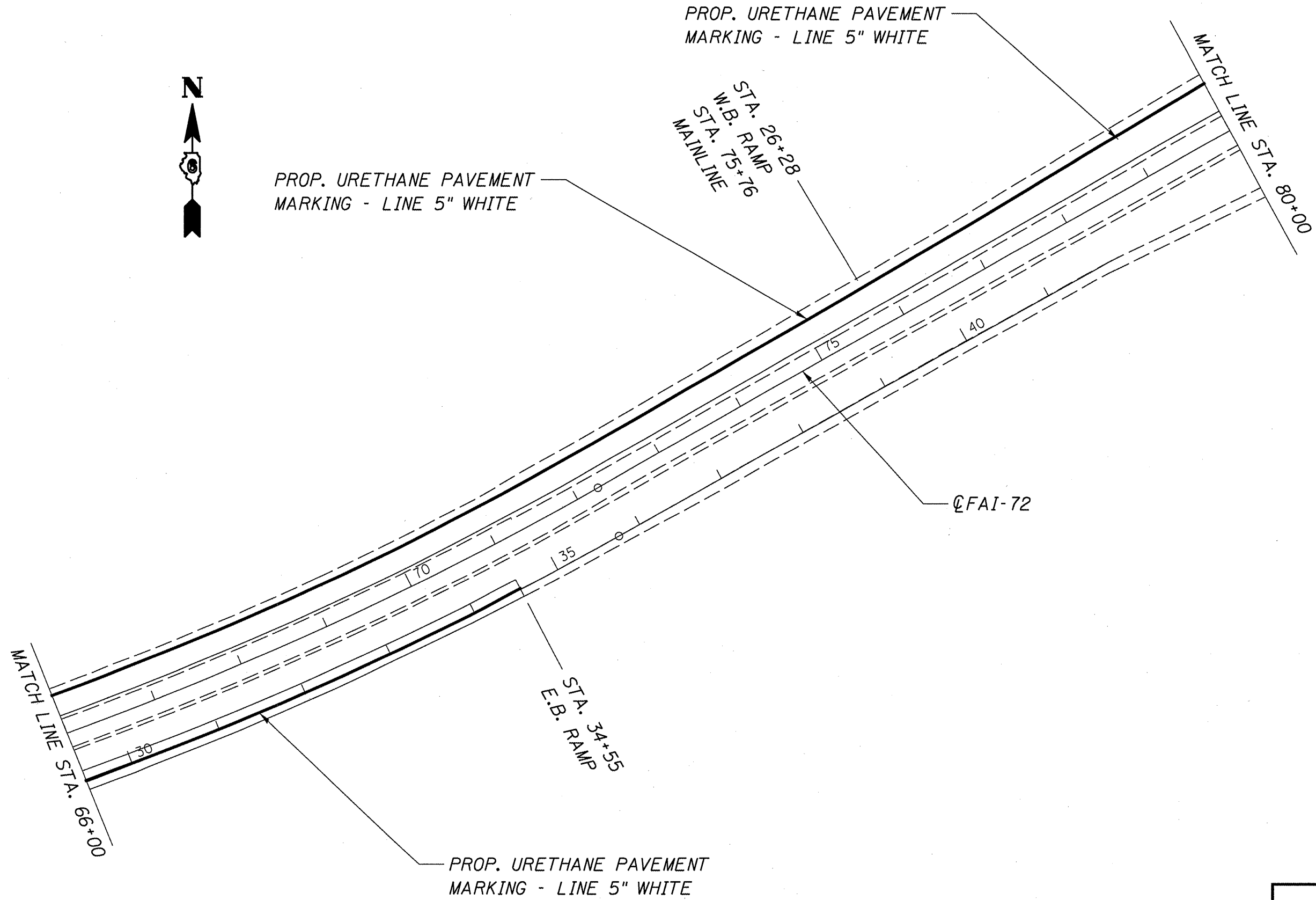
MATCH LINE
STA. 66+00

STA. 26+58
E.B. RAMP

PROP. URETHANE PAVEMENT
MARKING - LINE 5" WHITE

PROP. URETHANE PAVEMENT
MARKING - LINE 8" WHITE

PAVEMENT MARKING
FAI 72 (I-72)
SECT. 84-10-1, PATCHING
SANGAMON COUNTY



PROP. URETHANE PAVEMENT
MARKING - LINE 5" WHITE

PROP. URETHANE PAVEMENT
MARKING - LINE 5" WHITE

STA. 26+28
W.B. RAMP
STA. 75+76
MAINLINE

MATCH LINE STA. 80+00

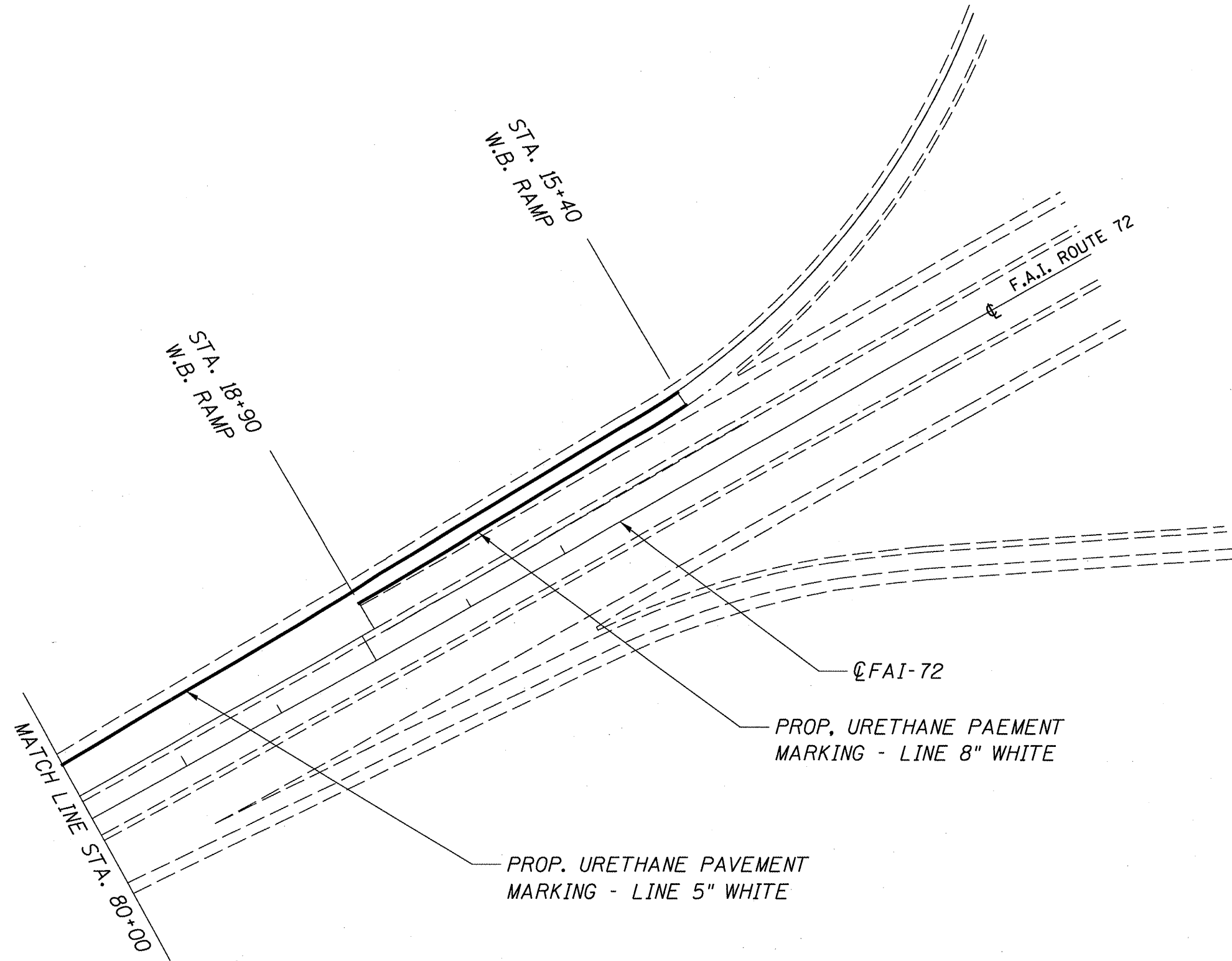
QFAI-72

MATCH LINE STA. 66+00

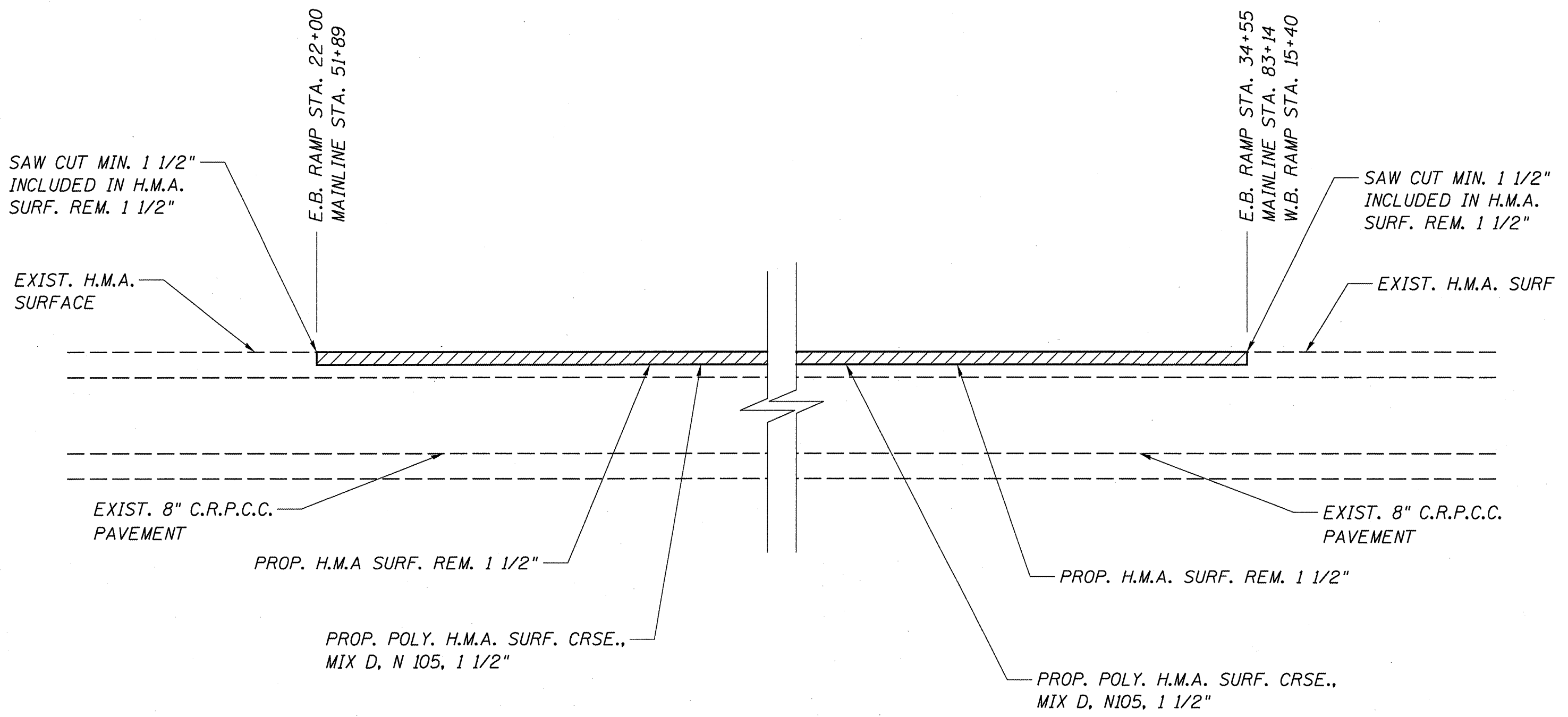
STA. 34+55
E.B. RAMP

PROP. URETHANE PAVEMENT
MARKING - LINE 5" WHITE

PAVEMENT MARKING
FAI 72 (I-72)
SECT. 84-10-1, PATCHING
SANGAMON COUNTY



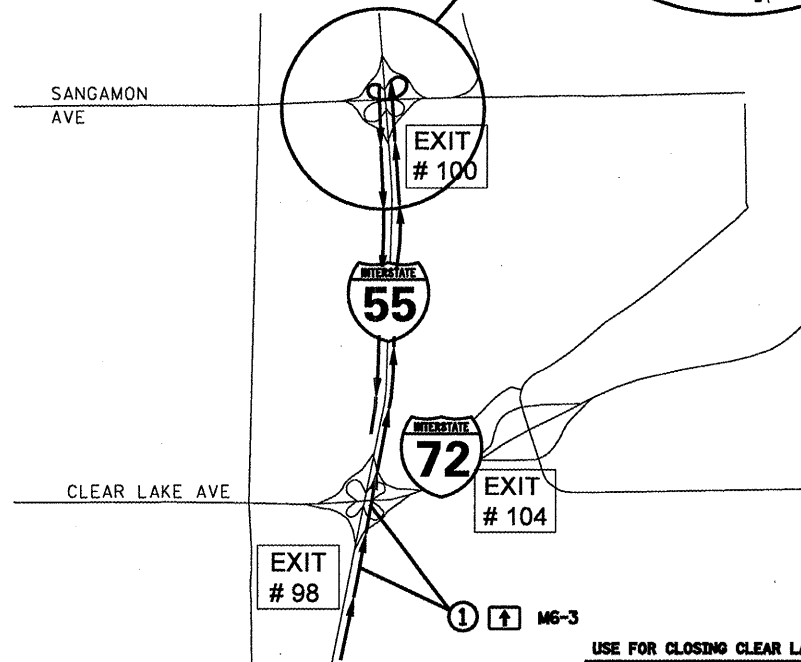
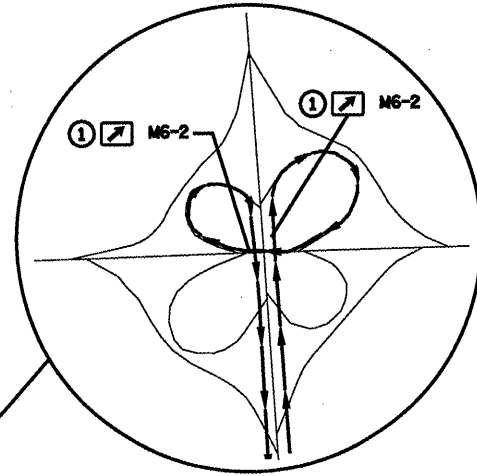
PAVEMENT MARKING
FAI 72 (I-72)
SECT. 84-10-1, PATCHING
SANGAMON COUNTY



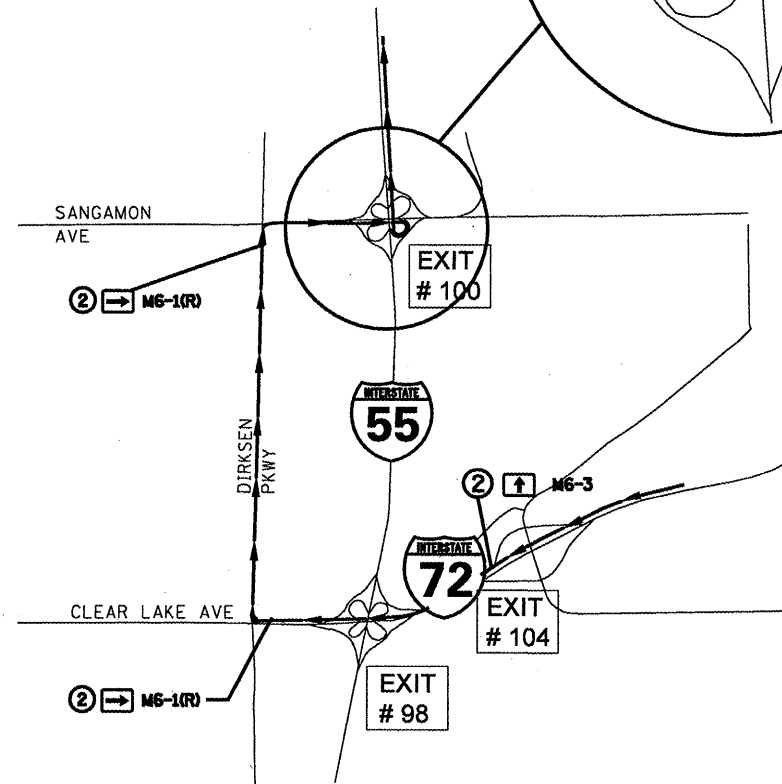
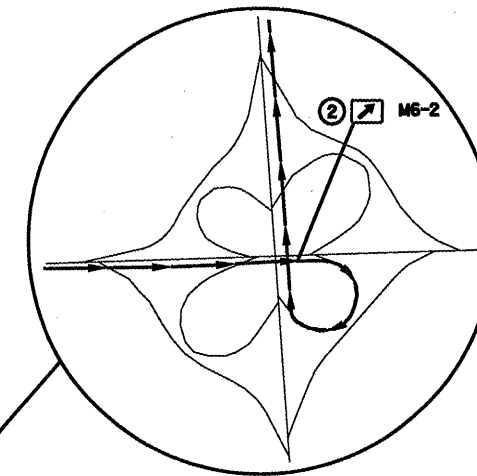
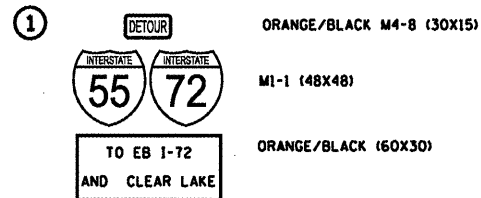
BUTT JOINT
FAI 72 (I-72)
SECT. 84-10-1, PATCHING
SANGAMON COUNTY

NB I-55 / EB I-72 TO CLEAR LAKE OR EB I-72

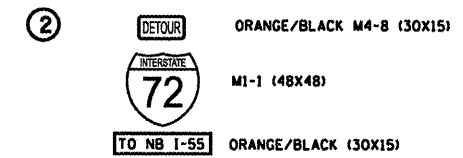
WB I-72 TO NB I-55



USE FOR CLOSING CLEAR LAKE INTERCHANGE RAMP H



USE FOR CLOSING CLEAR LAKE INTERCHANGE RAMP H



DETOUR SIGNING PLAN
FAI 72 (I-72)
SECT. 84-10-1, PATCHING
SANGAMON COUNTY