

1-17-14 LETTING ITEM 114

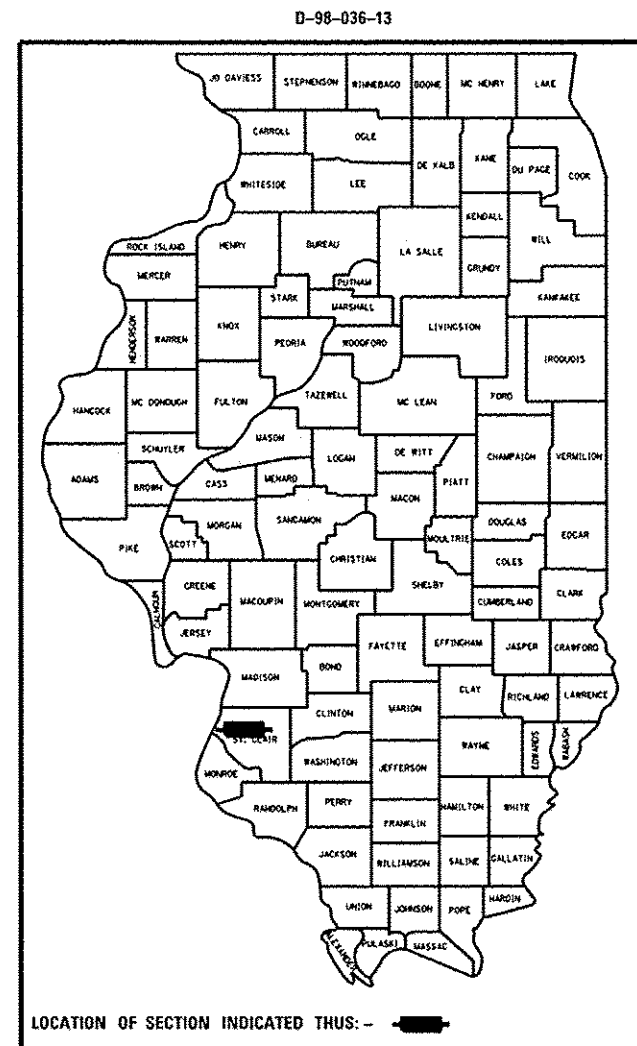
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

# PROPOSED HIGHWAY PLANS

FAP ROUTE 103 (IL 15)  
SECTION (29-1,28-1,28-2,26-1)RS-1  
PROJECT ALNHPP-0103(076)  
RESURFACING - 3P - EB LANES ONLY  
ST. CLAIR

FOR INDEX OF SHEETS, SEE SHEET NO. 2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	1
		ILLINOIS	CONTRACT NO. 76G37	

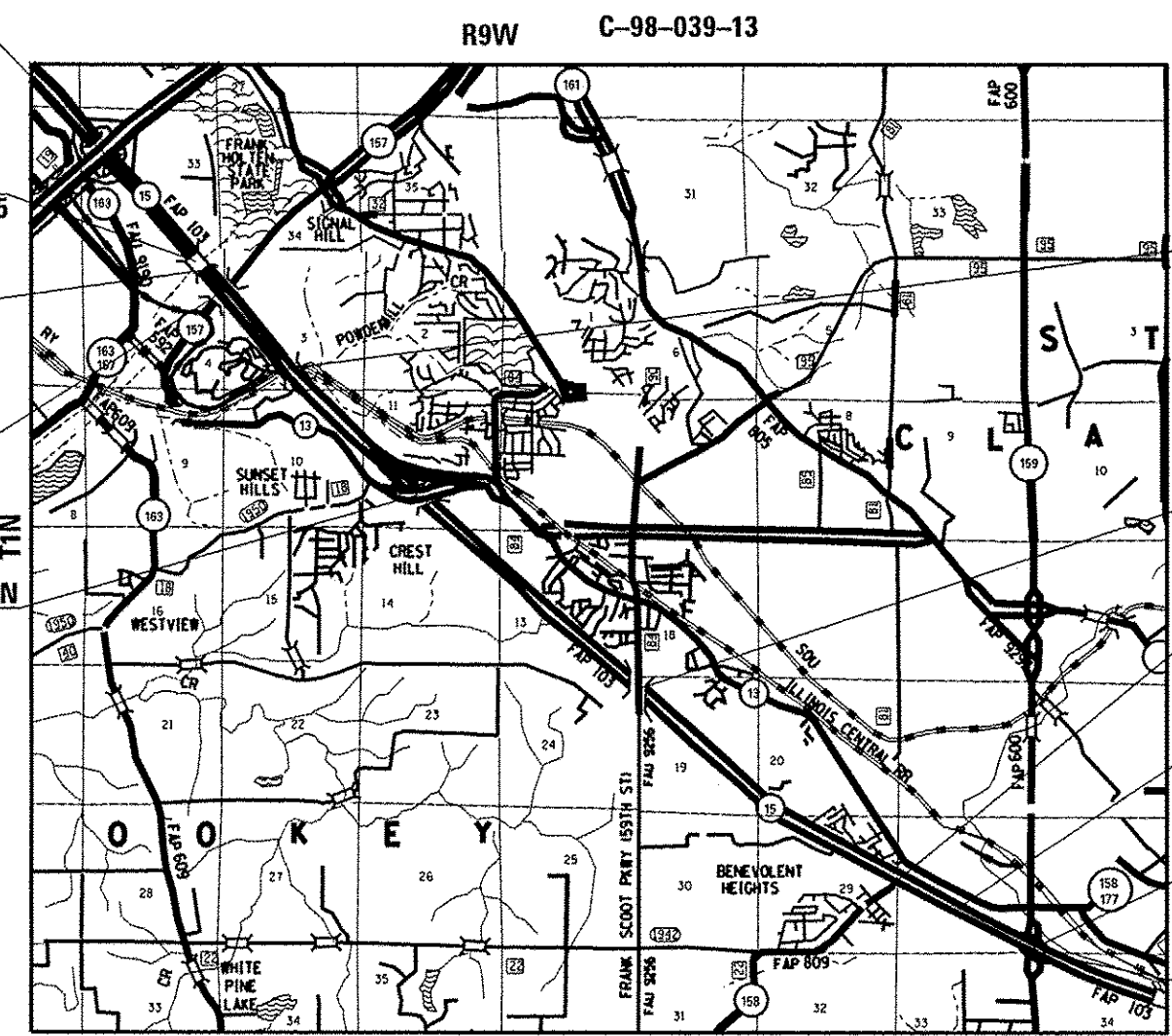


**BEGIN PROJECT**  
STA. 124 + 14  
LAT: 38.588255  
LONG: -90.114219

**BRIDGE OMISSION**  
STA. 159 + 09.05 - 161 + 14.45

**STATION EQUATION:**  
STA. 161 + 51.78 BK =  
STA. 224 + 00.00 AH

**BRIDGE OMISSION**  
STA. 232 + 99.31 - 235 + 30.26



**BRIDGE OMISSION**  
STA. 271 + 16.37 -  
275 + 32.24

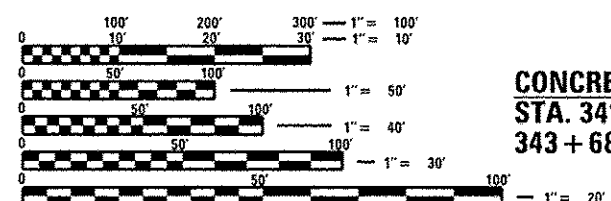
**CONCRETE OMISSION**  
STA. 453 + 79.92 -  
455 + 61.02

**BRIDGE OMISSION**  
STA. 578 + 09.23 -  
580 + 54.66

**BRIDGE OMISSION**  
STA. 600 + 42.10 -  
602 + 71.33

**BRIDGE OMISSION**  
STA. 631 + 89.72 -  
637 + 20.08

**END PROJECT**  
STA. 651 + 50  
LAT: 38.495516  
LONG: -89.976636



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

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

PROJECT ENGINEER: TIM PADGETT 618-346-3325  
PROJECT MANAGER: PHILIP COPPERNOLL 618-346-3208

CONTRACT NO. 76G37

GROSS LENGTH = 46,487.78 FT. = 8.805 MILE  
NET LENGTH = 44,252.15 FT. = 8.381 MILE

NOT TO SCALE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED Oct 19 2013  
Jeffrey Z. K...  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Dec 6 2013  
John D. Baranzeo, PE  
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 6 2013  
Omer Osman, PE  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS



GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- AMEREN ILLINOIS (GAS & ELECTRIC)
- AT&T ILLINOIS (COMMUNICATIONS)
- CITY OF BELLEVILLE (SANITARY SEWER)
- BUCKEYE PARTNERS L.P. - WOOD RIVER PIPELINE (PIPELINE)
- CENTERPOINT ENERGY (PIPELINE)
- CHARTER COMMUNICATIONS, INC. (CABLE TV)
- CLEARWAVE COMMUNICATIONS (COMMUNICATIONS)
- COMMONFIELDS OF CAHOKIA PUBLIC WATER DISTRICT (WATER & SANITARY SEWER)
- FRONTIER NORTH, INC. (COMMUNICATIONS)
- ILLINOIS AMERICAN WATER COMPANY (WATER)
- LEVEL 3 COMMUNICATIONS, LLC (COMMUNICATIONS)
- VERIZON BUSINESS (COMMUNICATIONS)
- ZAYO FIBER SOLUTIONS (COMMUNICATIONS)
- NEW WAVE COMMUNICATIONS, INC. (CABLE TV)
- ST. CLAIR TOWNSHIP (SANITARY SEWER)

MEMBERS OF J.U.L.I.E. (800)892-0123 ARE INDICATED BY \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WERE CREATED USING MICROFILM, OLD PLANS AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. ALL SHALL BE ASSUMED TO BE APPROXIMATE.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
4. THE PAVEMENT MARKING SHOWN IN THE PLANS IS APPROXIMATE. THE LOCATIONS OF THE PROPOSED PAVEMENT MARKING SHOULD MATCH EXISTING FIELD CONDITIONS.
5. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, AND FINAL BITUMINOUS SURFACE. ONLY THE REMOVAL OF THE FINAL SURFACE APPLICATION WILL BE PAID FOR (WORK ZONE PAVEMENT MARKING REMOVAL - 50 FT). A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING IN THE AREAS OF MICRO-SURFACING HAS BEEN ADDED TO THE PLANS.
6. EXCESS BITUMEN REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
7. THE THICKNESS OF THE 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.
8. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	POLY SURFACE	SHOULDERS < 2.25"	SHOULDERS > 2.25"
AC/PG	SBS PG 76-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=90	**2.0% @ Ndes=30	**2.0% @ Ndes=30
MIX COMPOSITION		NMAS 1/2"	NMAS 3/4"
(GRADATION MIXTURE)	IL 9.5		
ERUCTION AGG	MIXTURE "F"		

\*\*Top Lift Shoulders - Design this mix at 2% voids and add asphalt to reduce voids to 1.5%.

Plan quantities for Bituminous Concrete Surface Course items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).

9. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL- TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
10. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE REQUIRED RAMPS AND SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE, 48" X 48".
11. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
12. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR ITS UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR ITS EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. IF "LOCATING UNDERGROUND CABLE" IS NOT INCLUDED AS PART OF THE PLANS, THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
13. ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO BITUMINOUS SURFACE REMOVAL.
14. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED UNLESS THE CONTRACTOR WORKS AT NIGHT. IN THAT CASE, ONLY THE LANE(S) IN WHICH THE CONTRACTOR IS WORKING CAN BE CLOSED OVERNIGHT.
15. CHANGEABLE MESSAGE SIGNS HAVE BEEN PROVIDED FOR USE AT EACH INTERCHANGE. IF THE SIGNS ARE NOT NEEDED AT THE INTERCHANGE, THEY CAN BE MOVED TO OTHER LOCATIONS WITHIN THE PROJECT LIMITS AS APPROVED BY THE RESIDENT ENGINEER/TECHNICIAN. THE MESSAGE SIGNS NEED TO BE IN PLACE AT LEAST ONE WEEK PRIOR TO THE START OF WORK.
16. QUANTITIES HAVE BEEN PROVIDED TO RESTRIPE AND REPLACE RAISED REFLECTIVE PAVEMENT MARKERS ON THE IL 157 AND RAILROAD STRUCTURES. CARE SHALL BE TAKEN NOT TO DAMAGE STRIPING ON ALL OTHER STRUCTURES DURING RESURFACING OPERATIONS.
17. THE REMOVAL OF ANY EXISTING DELINEATORS SHALL BE INCLUDED IN THE COST OF PLACING THE NEW DELINEATORS.
18. ALL MILLED AREAS SHALL BE RESURFACED WITH THE APPROPRIATE SURFACE COURSE PRIOR TO OPENING THE LANE(S) TO TRAFFIC.
19. IF ANY PART OF THE EXISTING GUARDRAIL NEEDS TO BE REMOVED FOR HMA REMOVAL OR RESURFACING ACTIVITIES, THAT COST SHALL BE CONSIDERED INCLUDED IN THE COST OF THAT OPERATION.
20. IF THE GUARDRAIL IS TO BE REMOVED AND REERECTED FOR THE HMA SHOULDER CURB OPERATIONS, THIS WORK SHALL BE INCLUDED IN THE COST OF CURB REMOVAL AND/OR HMA SHOULDER CURB.

FILE NAME =	USER NAME = ceoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 1/8"=1'-0"		CHECKED -	REVISED -			CONTRACT NO. 76G37					
PLOT DATE = 10/10/2010		DATE -	REVISED -			SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



# SUMMARY OF QUANTITIES

80/20  
FED / STATE

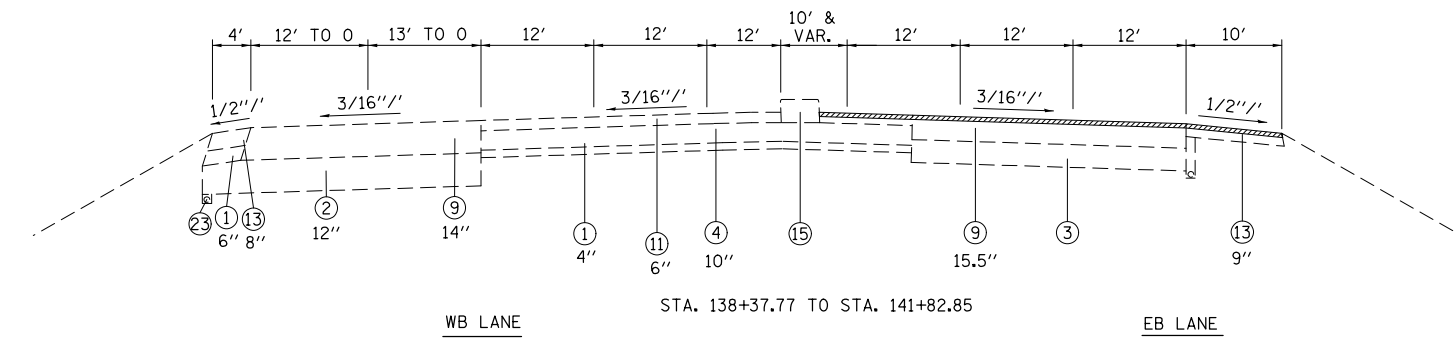
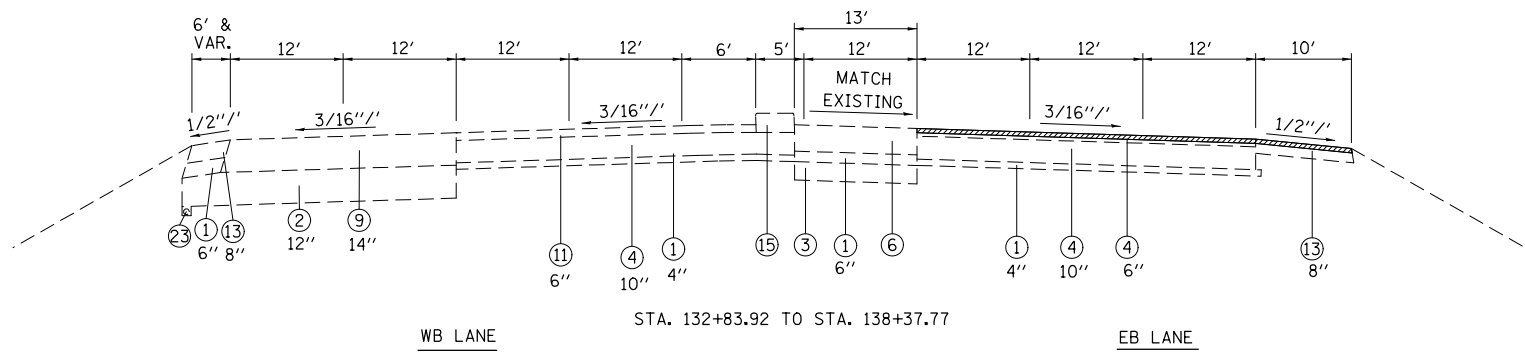
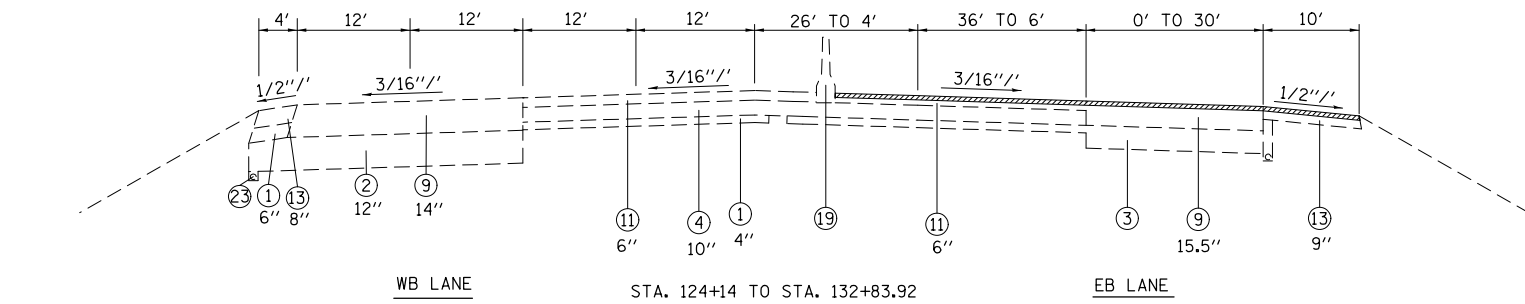
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	URBAN
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	16	16	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	32472	32472	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	437	437	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	107616	107616	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	8968	8968	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	435	435	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	384	384	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	3608	3608	
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	346	346	
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	1349	1349	
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SO FT	437	437	
* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	107616	107616	
* 78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	8968	8968	

80/20  
FED / STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	URBAN
* 78004250	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12"	FOOT	435	435	
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	384	384	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	854	854	
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	8	8	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	862	862	
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	210	210	
∅ 20076600	TRAINEES	HOUR	2000	2000	
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	5989	5989	
∅ 20076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2000	2000	
20048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	

\* SPECIALTY ITEM

∅ 0042



**LEGEND**

- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

- HMA CURB REMOVAL
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 2.25"

SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.

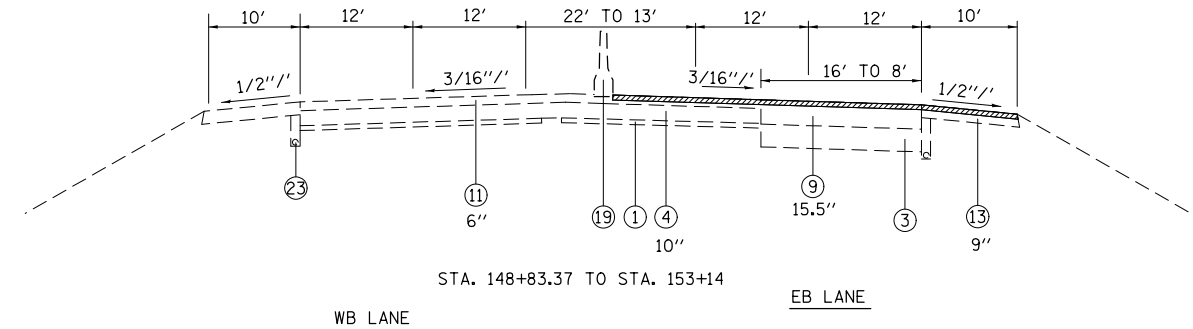
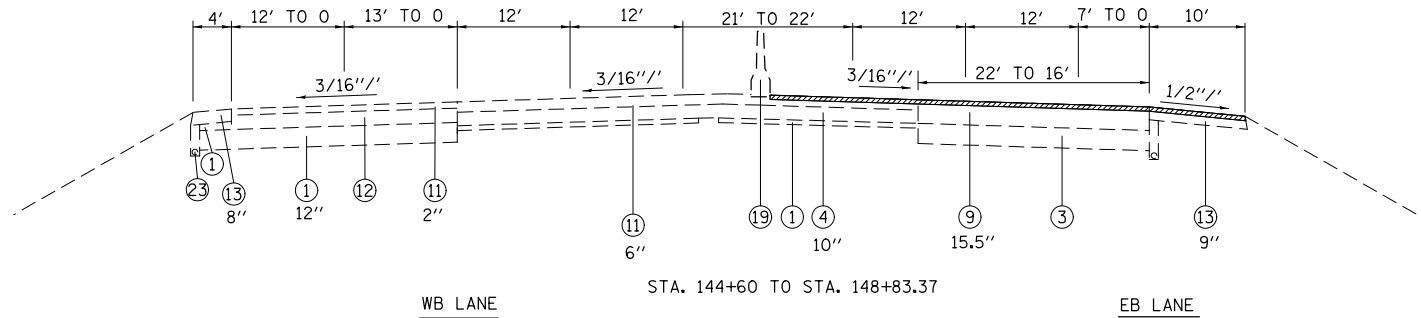
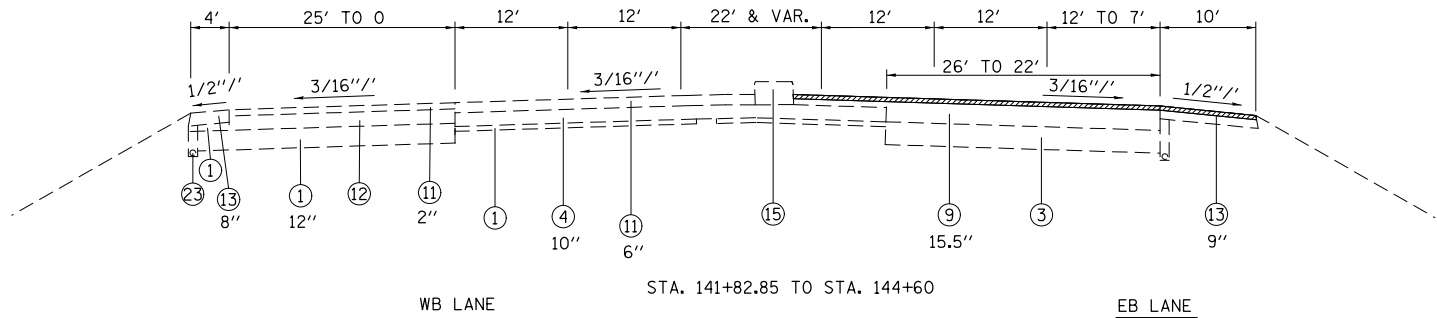
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**

SCALE: SHEET NO. 1 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G37	



- LEGEND**
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
  - ② EXISTING BASE COURSE, 13.5"
  - ③ EXISTING LIME MODIFIED SOIL, 12"
  - ④ EXISTING PCC PAVEMENT
  - ⑤ OMIT
  - ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
  - ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
  - ⑧ EXISTING WIDENING
  - ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
  - ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
  - ⑪ EXISTING HMA RESURFACING
  - ⑫ EXISTING HMA BINDER COURSE, 12"
  - ⑬ EXISTING HMA SHOULDER
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  - ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
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  - ㉘ PROPOSED HMA SHOULDER CURB

- HMA CURB REMOVAL
- ▨ HMA SURFACE REMOVAL, 2"
- ▨ HMA SURFACE REMOVAL, 2.25"

SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**

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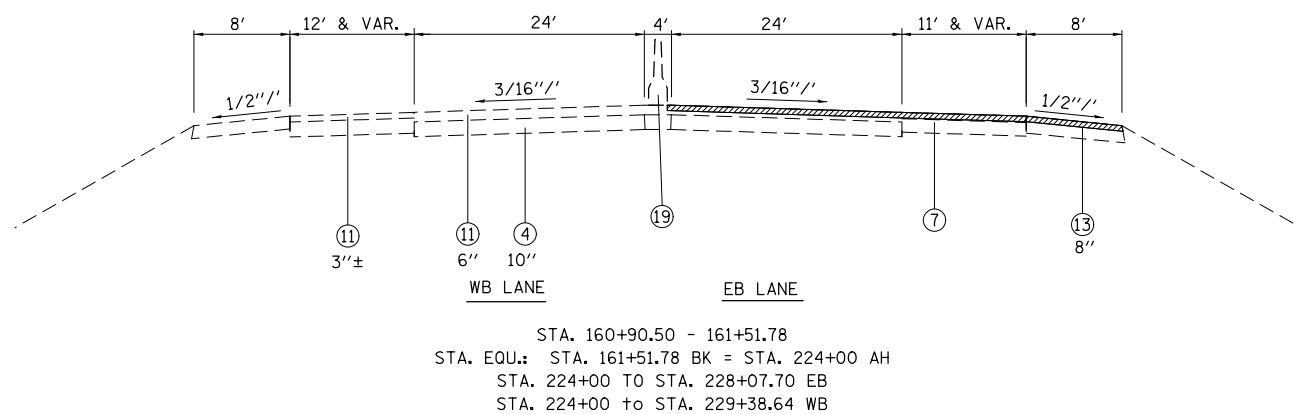
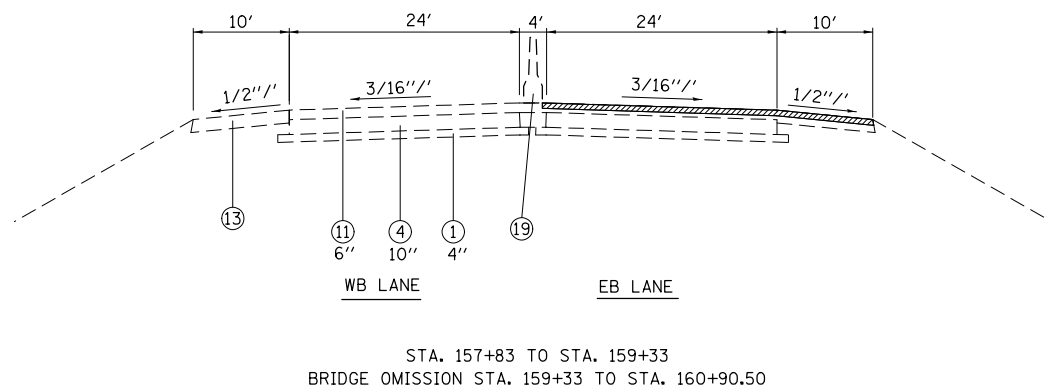
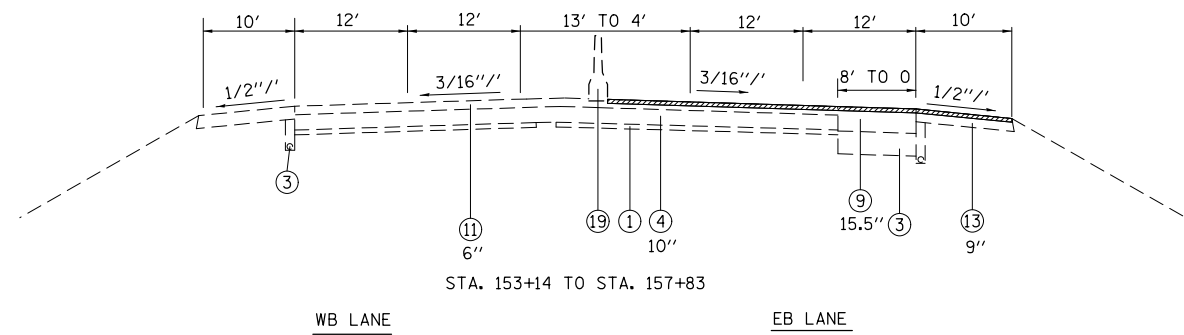
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103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	7
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G37	

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
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- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

- HMA CURB REMOVAL
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 2.25"

SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.



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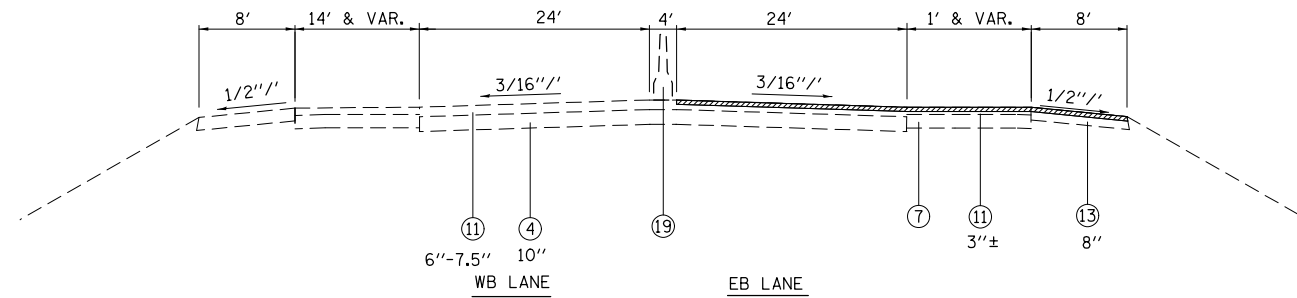
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**

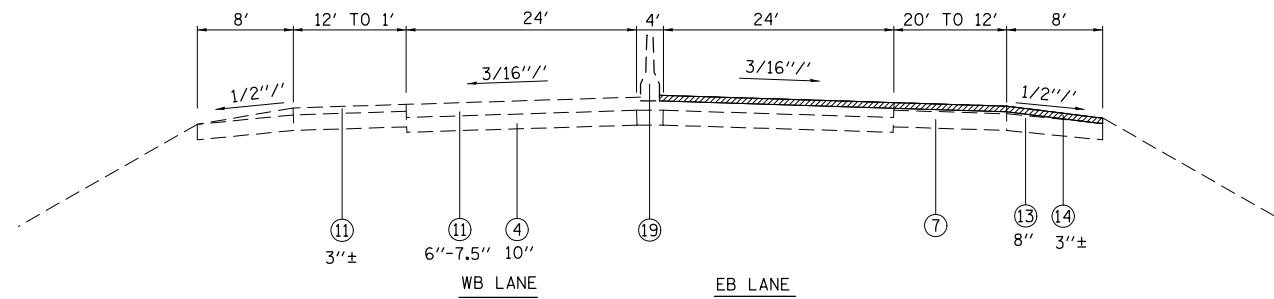
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	8
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				

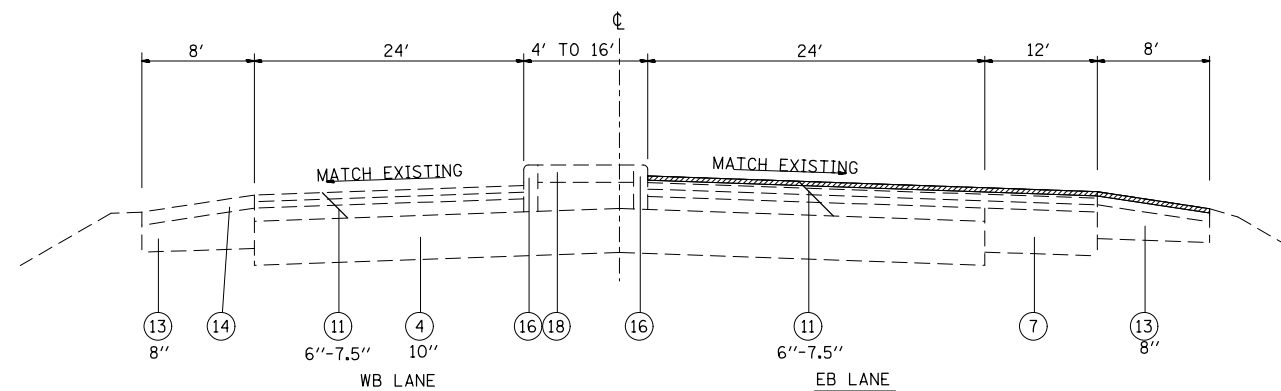




STA. 228+07.70 TO STA. 245+50.29 EB  
 STA. 229+38.64 TO STA. 245+51 WB  
 BRIDGE OMISSION STA. 233+81.95 TO STA. 235+35.39



STA. 245+50.29 TO STA. 251+20 EB  
 STA. 245+51 TO STA. 251+20 WB



STA. 251+20 TO STA. 257+03

**LEGEND**

- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

- HMA CURB REMOVAL
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 2.25"

SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**

SCALE: SHEET NO. 4 OF 14 SHEETS STA. TO STA.

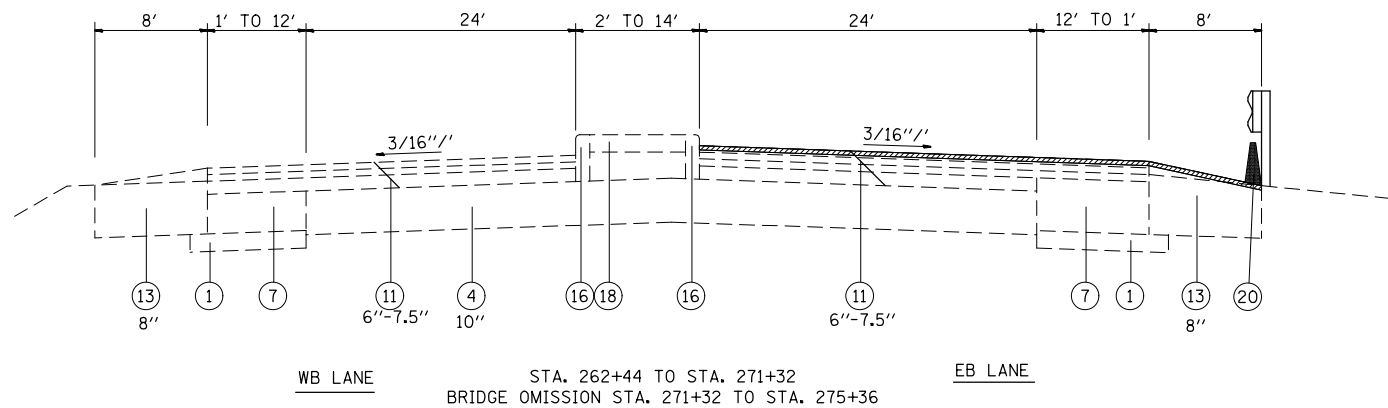
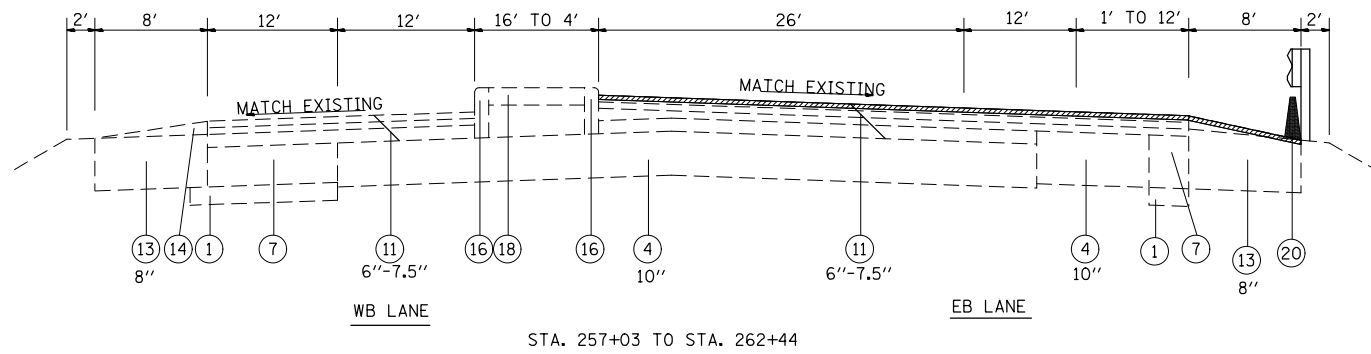
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	9
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G37	

**LEGEND**

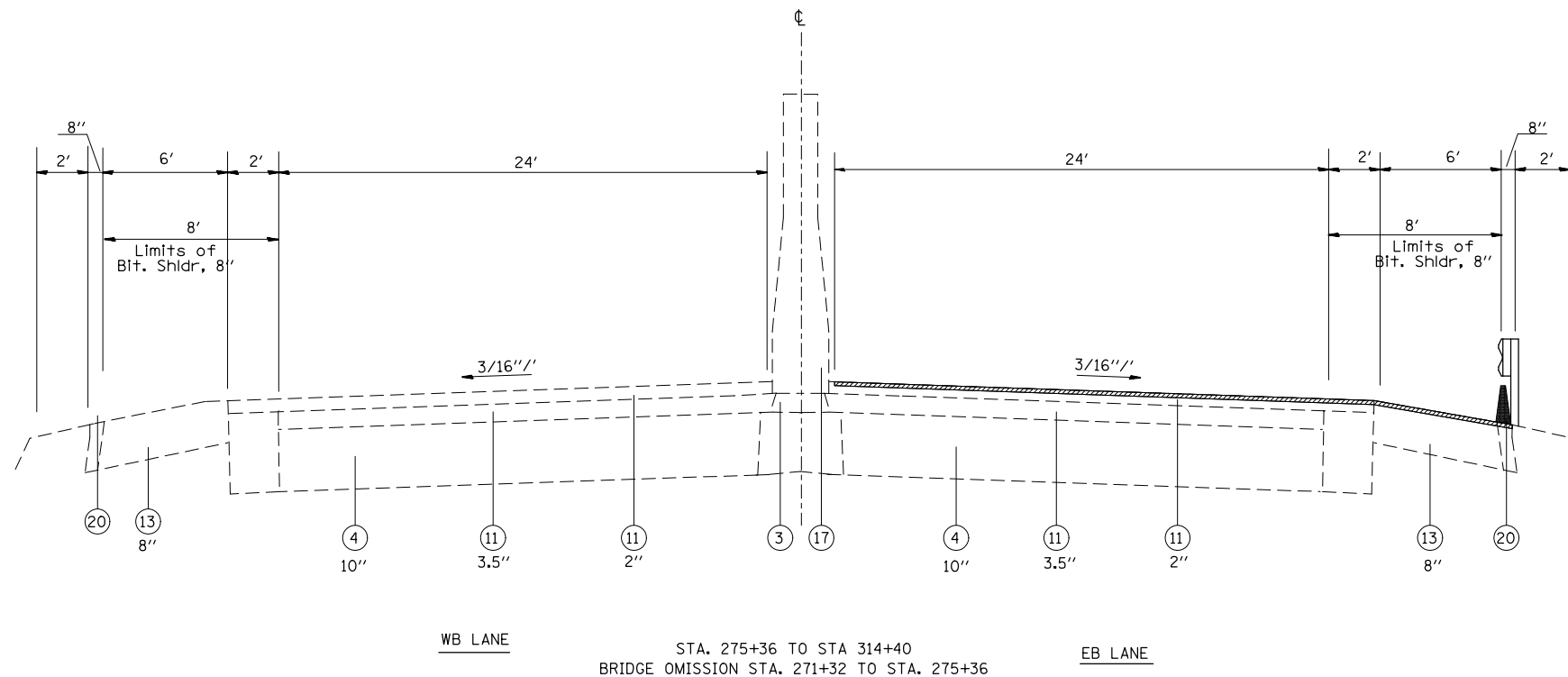
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

- HMA CURB REMOVAL
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 2.25"

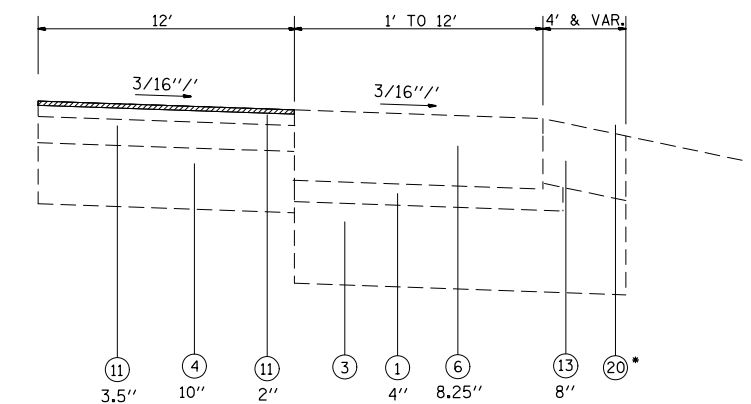
SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.



BRIDGE OMISSION STA. 271+32 TO STA. 275+36



BRIDGE OMISSION STA. 271+32 TO STA. 275+36



HALF SECTION (TURN LANE VICINITY)  
BUSCH BLVD.

\*SEE PLAN SHEETS FOR LOCATIONS OF THE BITUMINOUS CURB.

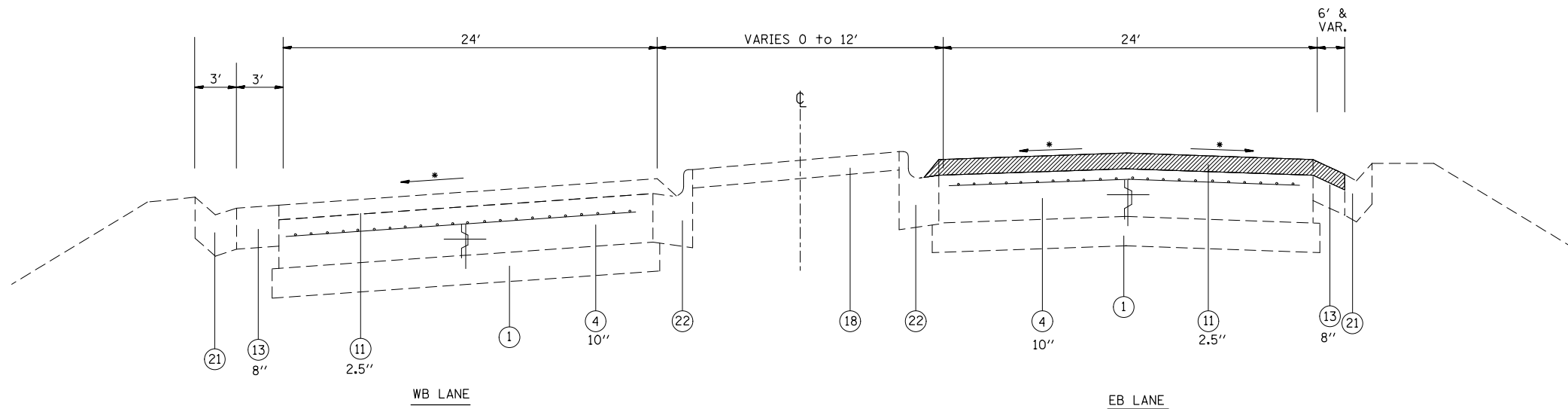
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**

SCALE: SHEET NO. 5 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	10
CONTRACT NO. 76G37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

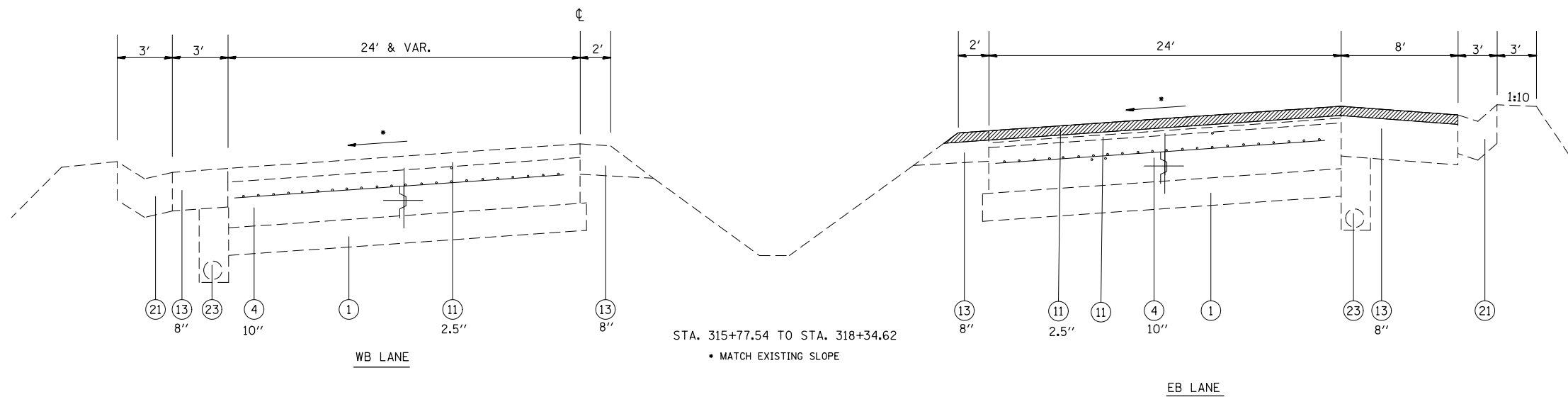


STA. 314+40 TO STA. 315+77.54  
 • MATCH EXISTING SLOPE

- LEGEND**
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
  - ② EXISTING BASE COURSE, 13.5"
  - ③ EXISTING LIME MODIFIED SOIL, 12"
  - ④ EXISTING PCC PAVEMENT
  - ⑤ OMIT
  - ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
  - ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
  - ⑧ EXISTING WIDENING
  - ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
  - ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
  - ⑪ EXISTING HMA RESURFACING
  - ⑫ EXISTING HMA BINDER COURSE, 12"
  - ⑬ EXISTING HMA SHOULDER
  - ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
  - ⑮ EXISTING CONCRETE MEDIAN
  - ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
  - ⑰ EXISTING CONCRETE CURB
  - ⑱ EXISTING PCC MEDIAN SURFACE, 4"
  - ⑲ EXISTING CONCRETE BARRIER
  - ⑳ EXISTING HMA SHOULDER CURB
  - ㉑ EXISTING CONCRETE GUTTER
  - ㉒ EXISTING CONCRETE CURB & GUTTER
  - ㉓ EXISTING PIPE UNDERDRAINS
  - ㉔ EXISTING AGGREGATE SHOULDERS
  - ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
  - ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
  - ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
  - ㉘ PROPOSED HMA SHOULDER CURB

- HMA CURB REMOVAL
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 2.25"

SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.



STA. 315+77.54 TO STA. 318+34.62  
 • MATCH EXISTING SLOPE

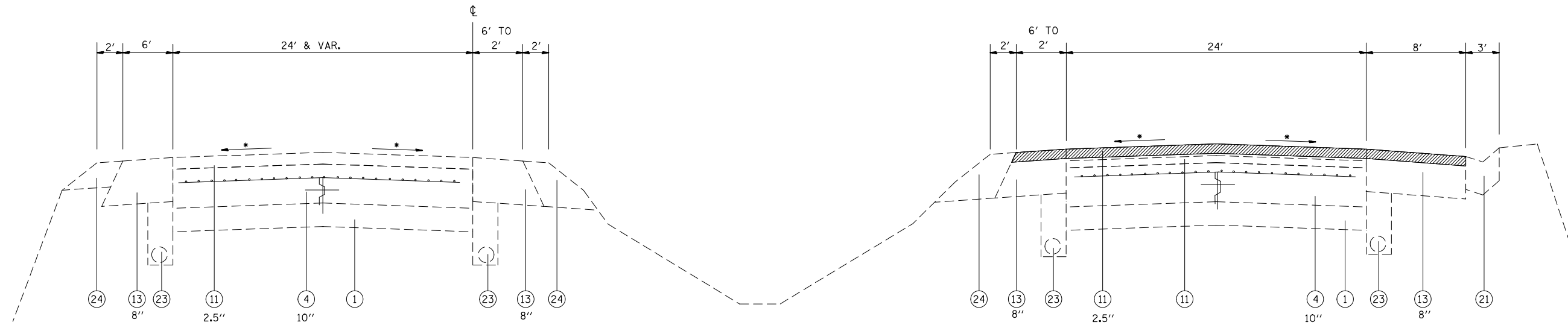
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**

SCALE: SHEET NO. 6 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	11
CONTRACT NO. 76G37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



STA. 318+34.62 TO STA. 330+63.30  
 \* MATCH EXISTING SLOPE

**WB LANE**  
 SEE PLAN SHEET FOR AREA OF MILLING TRANSITION.

**EB LANE**  
 SEE PLAN SHEET FOR AREA OF MILLING TRANSITION.

**LEGEND**

- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

- HMA CURB REMOVAL
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 2.25"

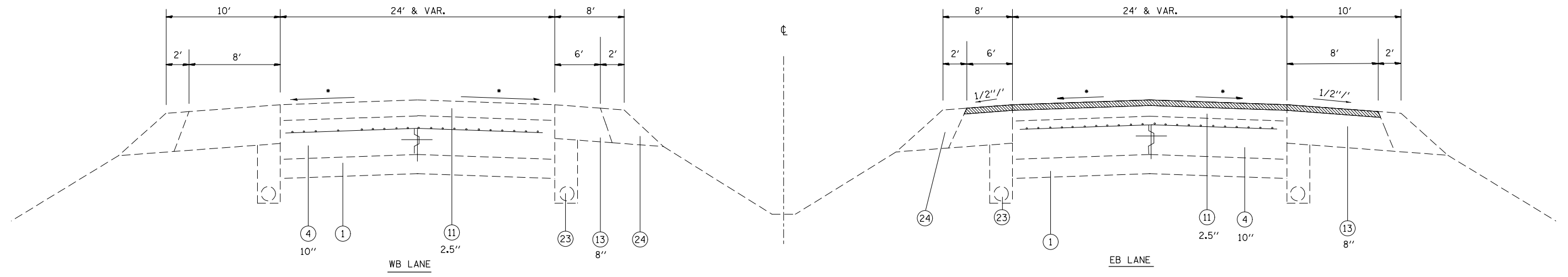
SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.

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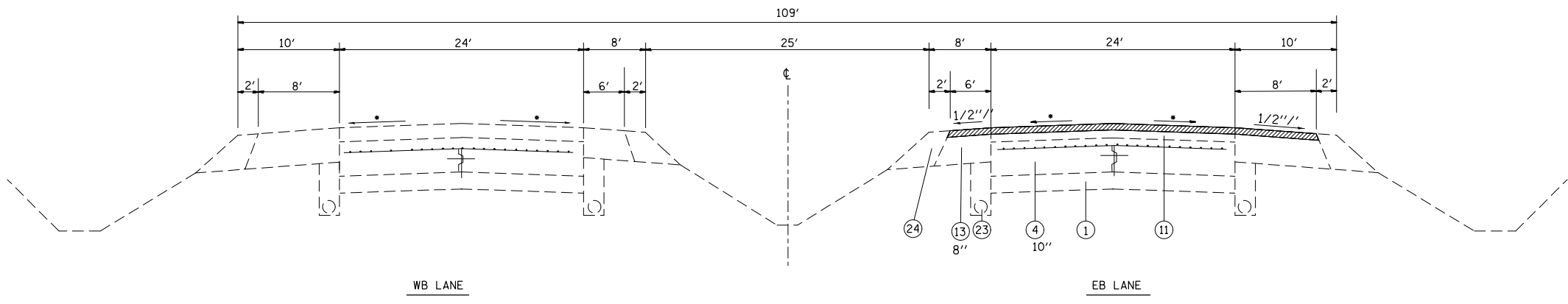
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>EXISTING TYPICAL SECTIONS</b>			
SCALE:	SHEET NO. 7 OF 14 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	12
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
<b>CONTRACT NO. 76G37</b>				



STA. 330+63.30 TO STA. 367+45  
 • MATCH EXISTING SLOPE



STA. 367+45 TO STA. 377+58.81  
 STA. 389+02.77 TO STA. 424+20  
 STA. 479+00 TO STA. 490+96.92  
 STA. 502+87.25 TO STA. 546+70.28  
 STA. 558+73.30 TO STA. 566+34.03  
 STA. 597+38.34 TO STA. 617+51.81  
 • MATCH EXISTING SLOPE

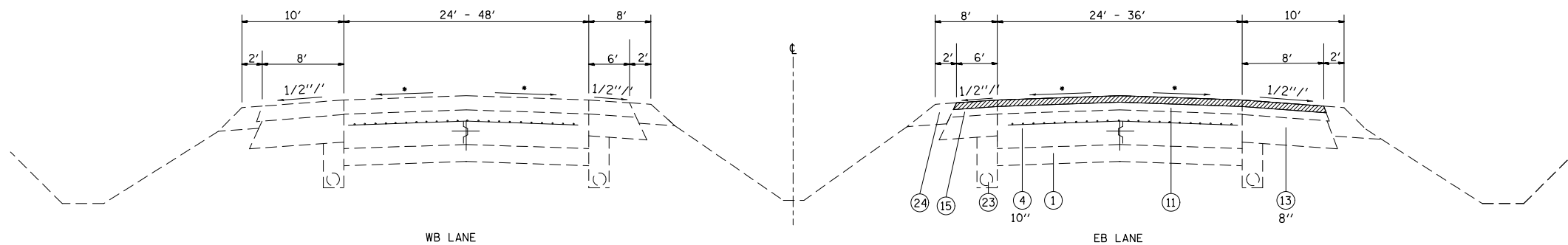
**LEGEND**

- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING CONCRETE BARRIER
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

- HMA CURB REMOVAL
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 2.25"

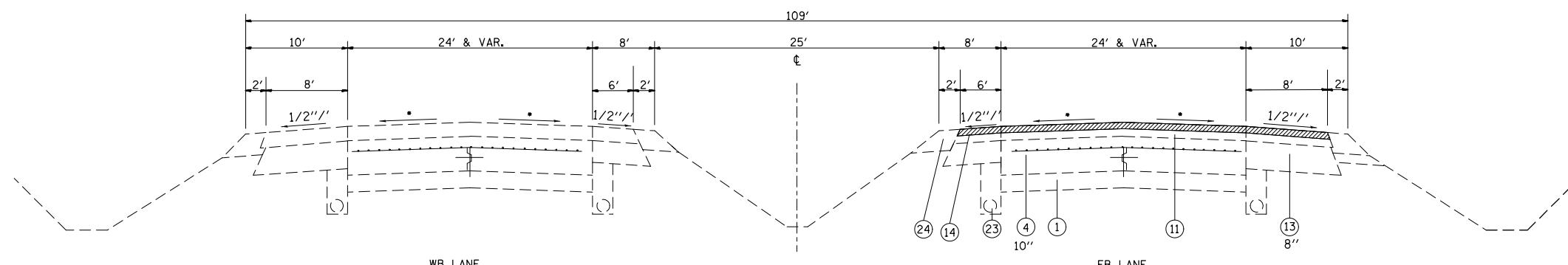
SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.

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PLOT DATE = 10/18/2013		DATE -	REVISED -		SCALE:	SHEET NO. 8 OF 14 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



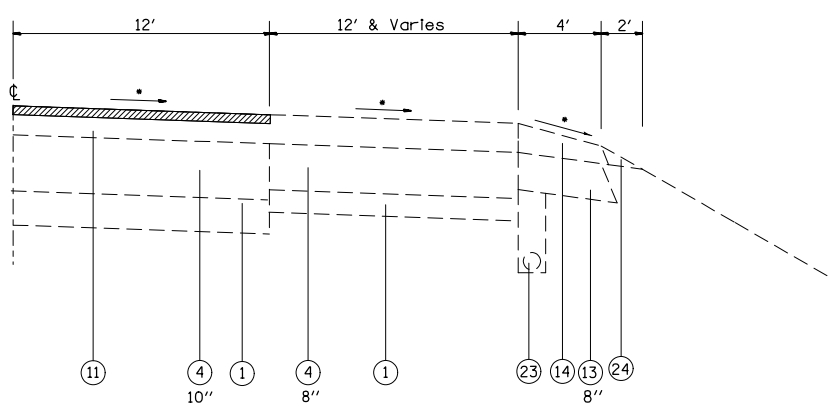
STA. 377+58.81 TO STA. 389+02.77  
 STA. 541+58.93 TO STA. 559+98.92

• MATCH EXISTING SLOPE



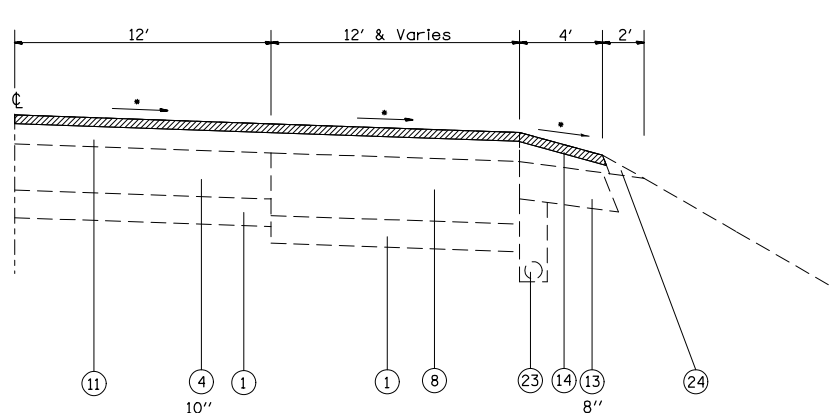
STA. 424+20 TO STA. 479+75.38

• MATCH EXISTING SLOPE



HALF SECTION (TURN LANE VICINITY)  
 ALLSUP DRIVE  
 74TH STREET (WESTFIELD PLAZA BLVD.)

• MATCH EXISTING SLOPE



HALF SECTION (TURN LANE VICINITY)  
 11TH STREET

• MATCH EXISTING SLOPE

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

- HMA CURB REMOVAL
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 2.25"

SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.

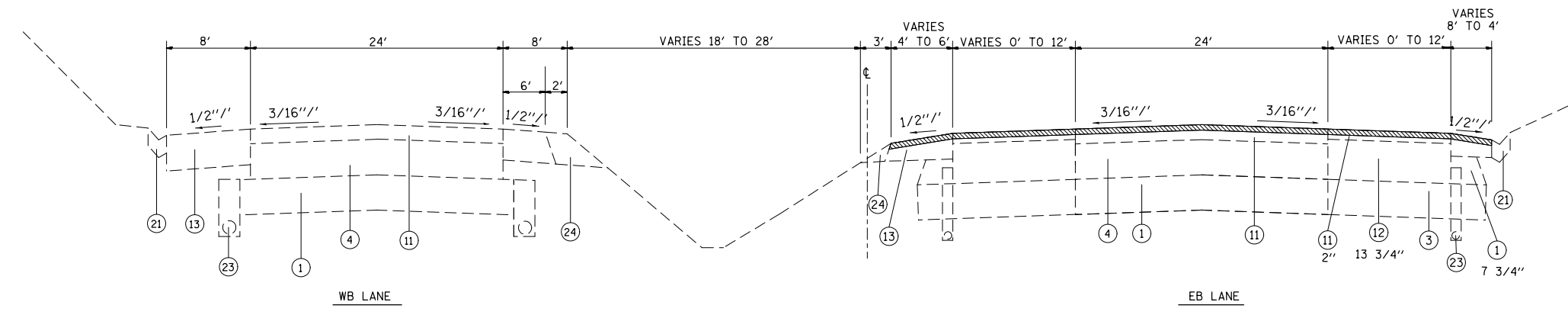
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PLOT DATE = 10/18/2013	DATE -	REVISED -	REVISED -	SCALE:	SHEET NO. 9 OF 14 SHEETS	STA.	TO STA.	CONTRACT NO. 76G37				
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LEGEND

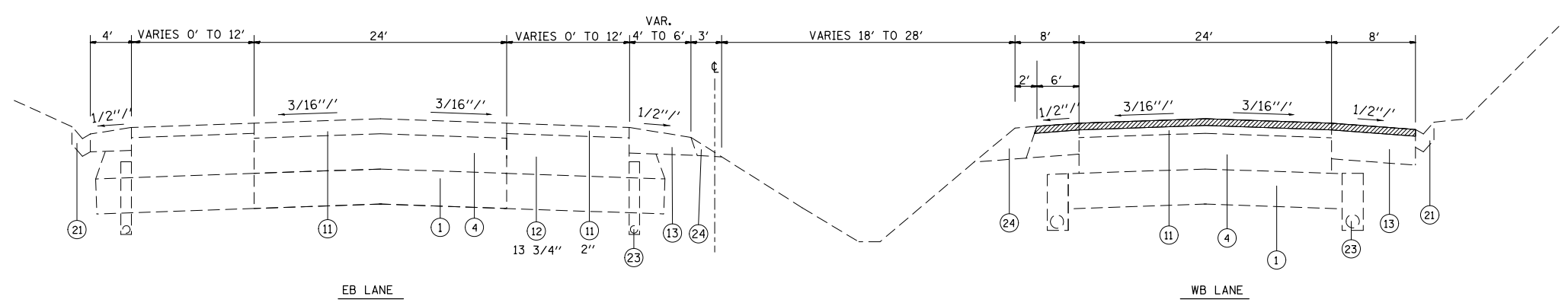
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- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
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- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

- HMA CURB REMOVAL
- ▨ HMA SURFACE REMOVAL, 2"
- ▨ HMA SURFACE REMOVAL, 2.25"

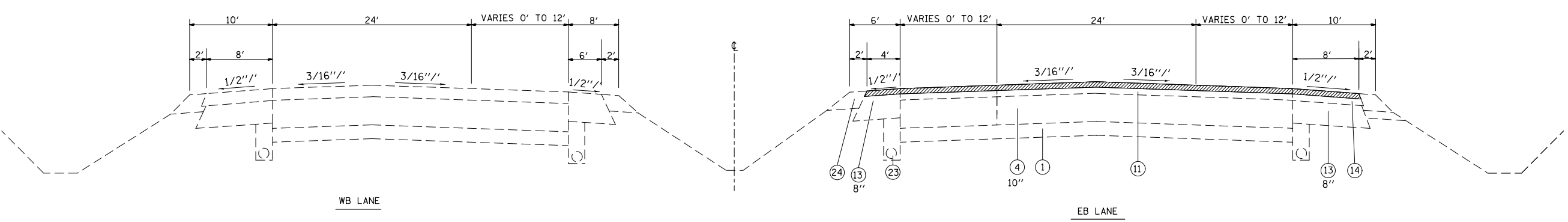
SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.



STA. 490+96.92 TO STA. 497+41.51  
SEE PLANS SHEETS FOR AREAS OF MILLING AND RESURFACING TRANSITIONS.



STA. 497+41.51 TO STA. 502+87.25



STA. 546+70.24 TO STA. 558+73.30  
STA. 566+34.03 TO STA. 597+38.34  
STA. 617+51.81 TO STA. 651+50

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	PLOT DATE = 10/18/2013	DATE -	REVISED -




**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING TYPICAL SECTIONS</b>			
SCALE:	SHEET NO. 10 OF 14 SHEETS	STA.	TO STA.

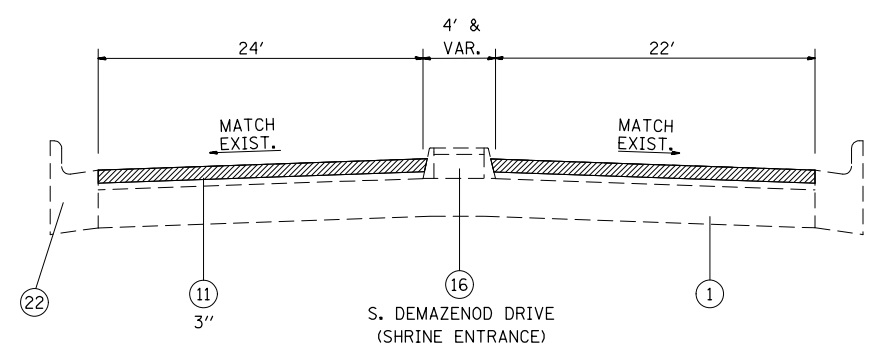
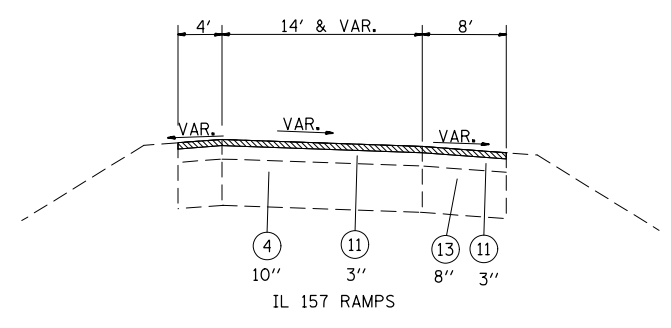
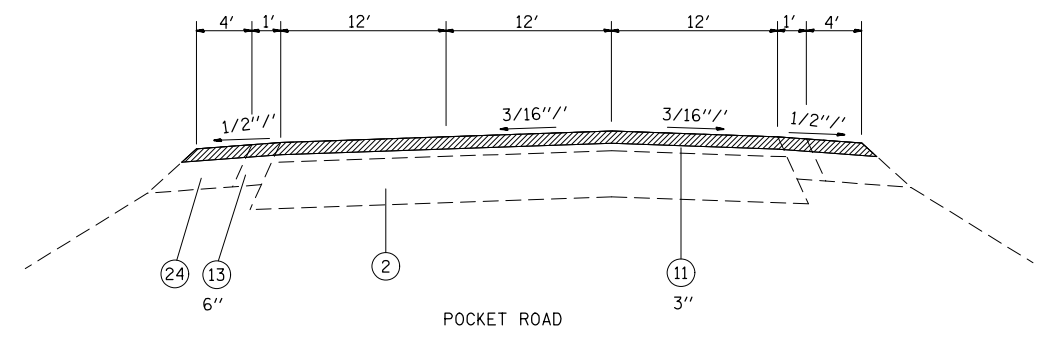
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CONTRACT NO. 76G37				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**LEGEND**

- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

-  HMA CURB REMOVAL
-  HMA SURFACE REMOVAL, 2"
-  HMA SURFACE REMOVAL, 2.25"

SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.



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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**




<b>EXISTING TYPICAL SECTIONS</b>			
SCALE:	SHEET NO. 11 OF 14 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	16
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 76G37				

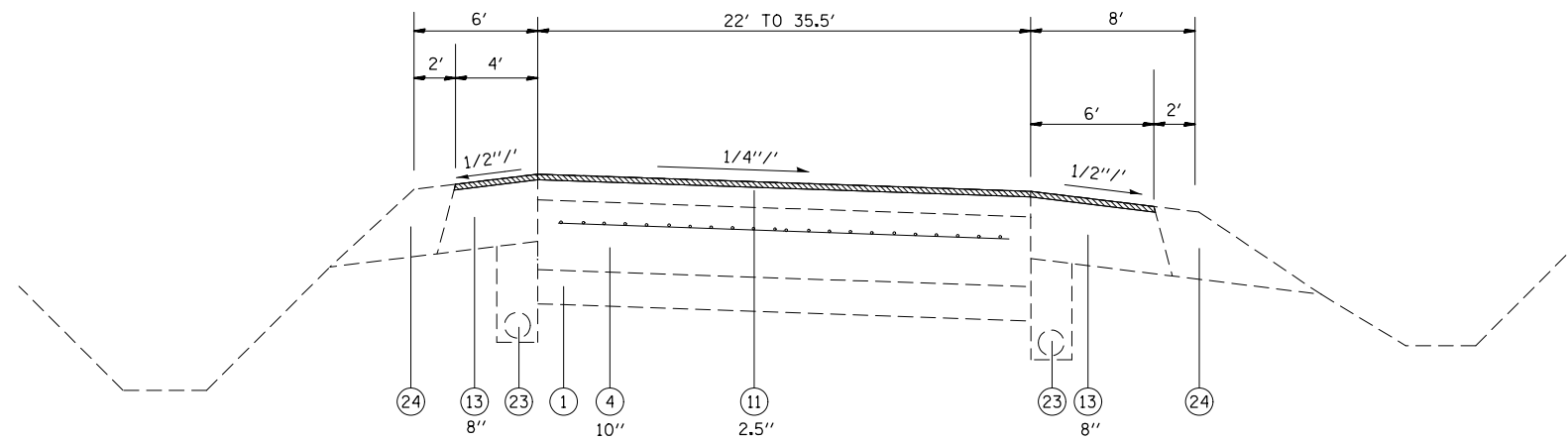


**LEGEND**

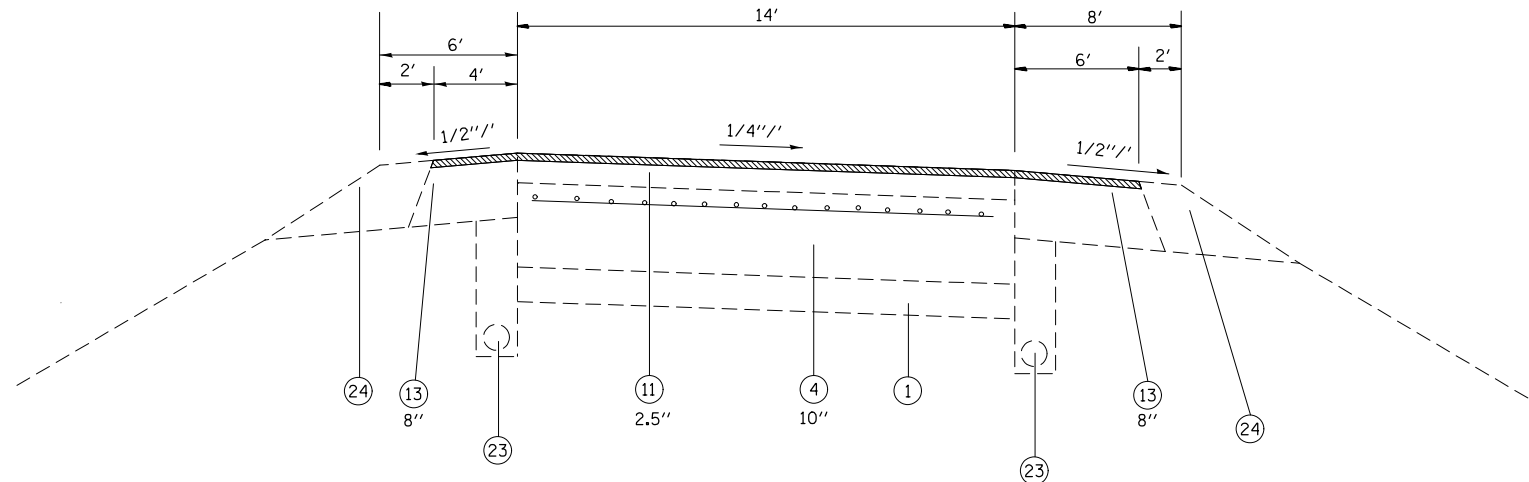
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

-  HMA CURB REMOVAL
-  HMA SURFACE REMOVAL, 2"
-  HMA SURFACE REMOVAL, 2.25"

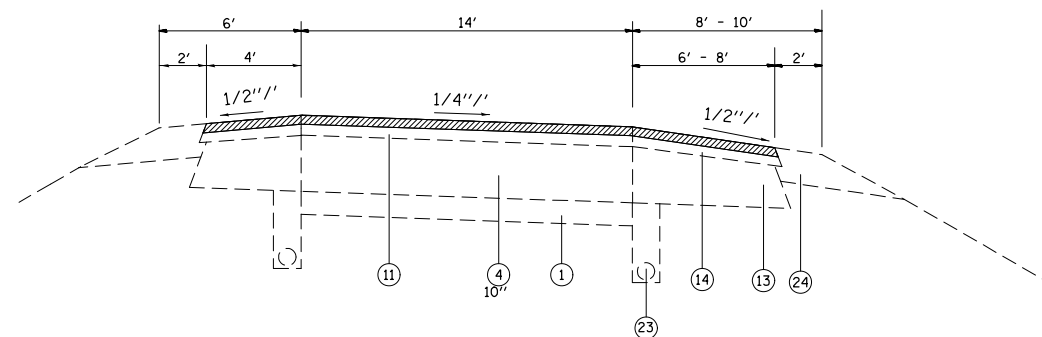
SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.



IL 13/15 - LINE B



IL 13/15 - INTERCHANGE RAMPs



FRANK SCOTT PKY.

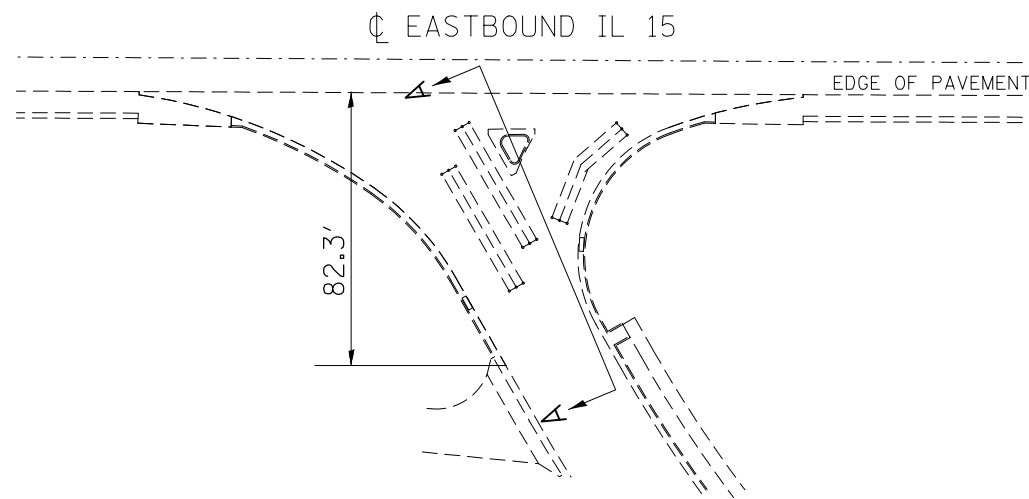
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

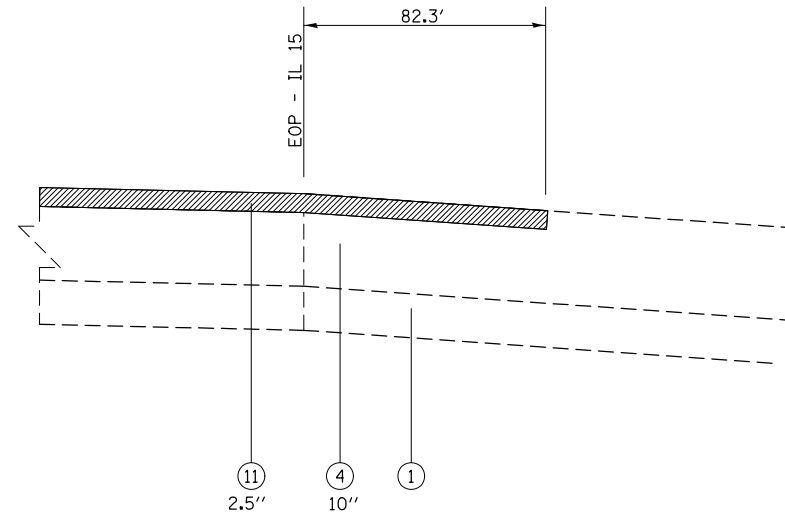
**EXISTING TYPICAL SECTIONS**

SCALE: SHEET NO. 12 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	17
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G37	



SIDE ROAD  
(74TH STREET\*\*)

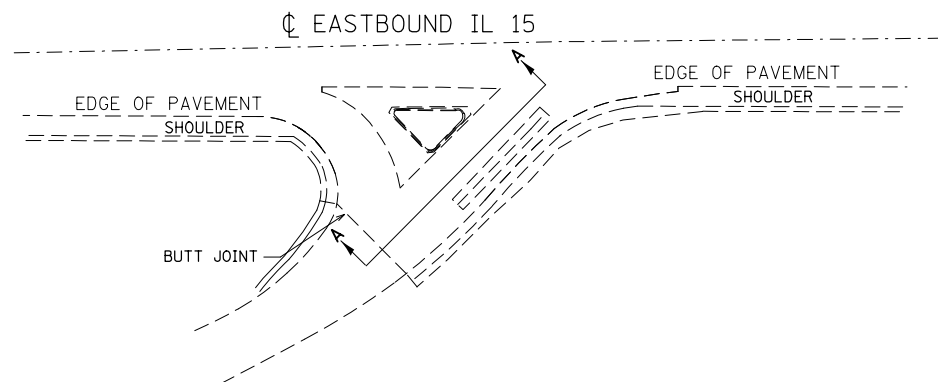


SECTION A-A

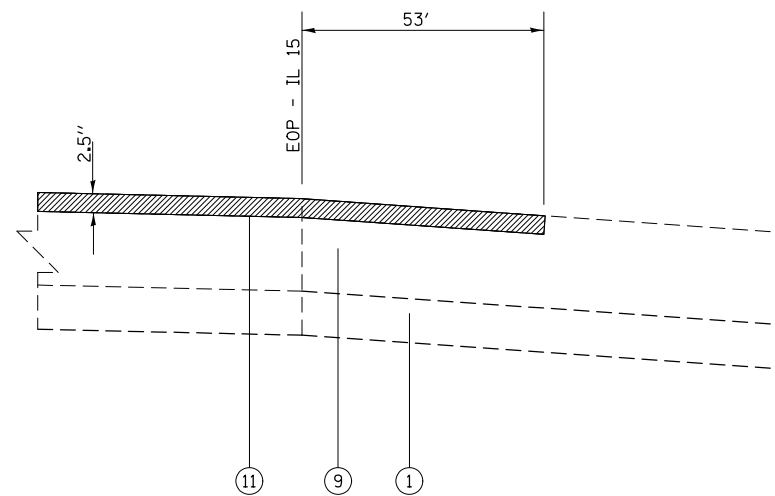
- LEGEND**
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
  - ② EXISTING BASE COURSE, 13.5"
  - ③ EXISTING LIME MODIFIED SOIL, 12"
  - ④ EXISTING PCC PAVEMENT
  - ⑤ OMIT
  - ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
  - ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
  - ⑧ EXISTING WIDENING
  - ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
  - ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
  - ⑪ EXISTING HMA RESURFACING
  - ⑫ EXISTING HMA BINDER COURSE, 12"
  - ⑬ EXISTING HMA SHOULDER
  - ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
  - ⑮ EXISTING CONCRETE MEDIAN
  - ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
  - ⑰ EXISTING CONCRETE CURB
  - ⑱ EXISTING PCC MEDIAN SURFACE, 4"
  - ⑲ EXISTING CONCRETE BARRIER
  - ⑳ EXISTING HMA SHOULDER CURB
  - ㉑ EXISTING CONCRETE GUTTER
  - ㉒ EXISTING CONCRETE CURB & GUTTER
  - ㉓ EXISTING PIPE UNDERDRAINS
  - ㉔ EXISTING AGGREGATE SHOULDERS
  - ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
  - ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
  - ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
  - ㉘ PROPOSED HMA SHOULDER CURB

- HMA CURB REMOVAL
- HMA SURFACE REMOVAL, 2"
- HMA SURFACE REMOVAL, 2.25"

SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.



11TH STREET



SECTION A-A

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	PLOT DATE = 10/18/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

SCALE: SHEET NO. 13 OF 14 SHEETS STA. TO STA.

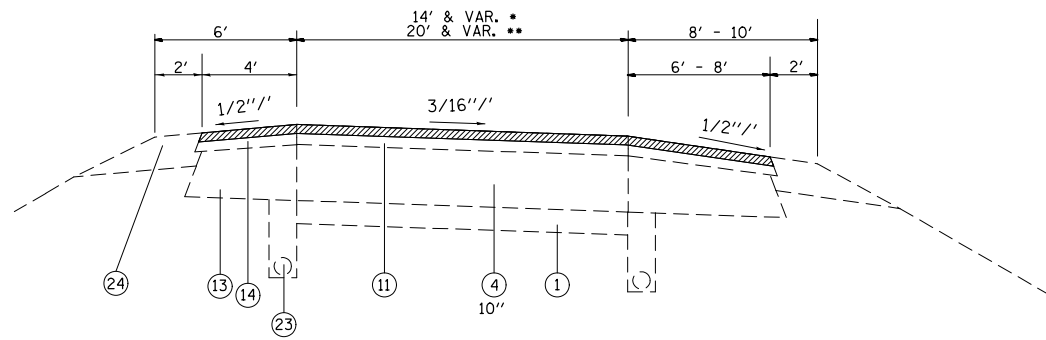
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103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G37	

LEGEND

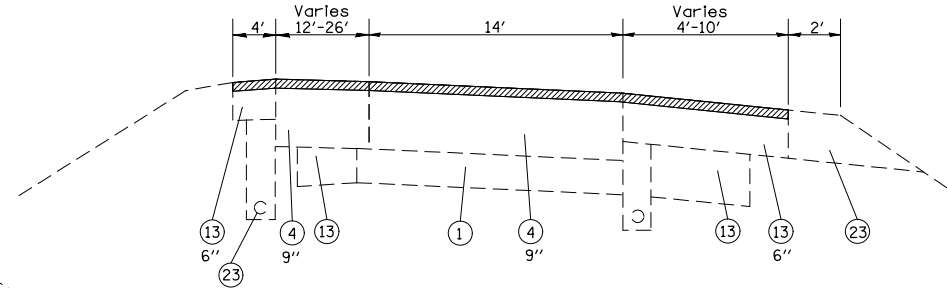
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

- HMA CURB REMOVAL
- ▨ HMA SURFACE REMOVAL, 2"
- ▨ HMA SURFACE REMOVAL, 2.25"

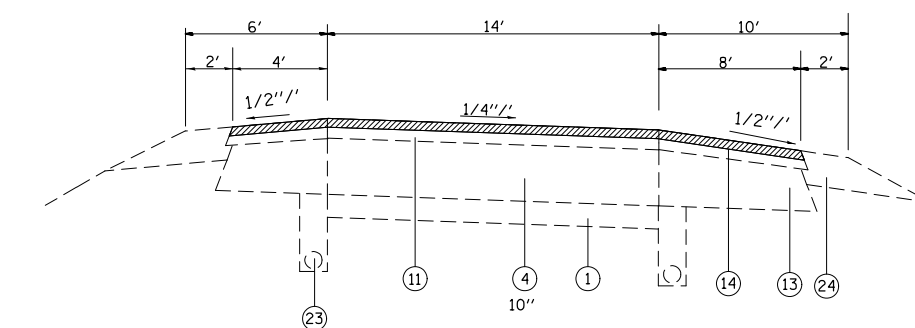
SEE PLAN SHEETS FOR AREAS OF MILLING TRANSITIONS.



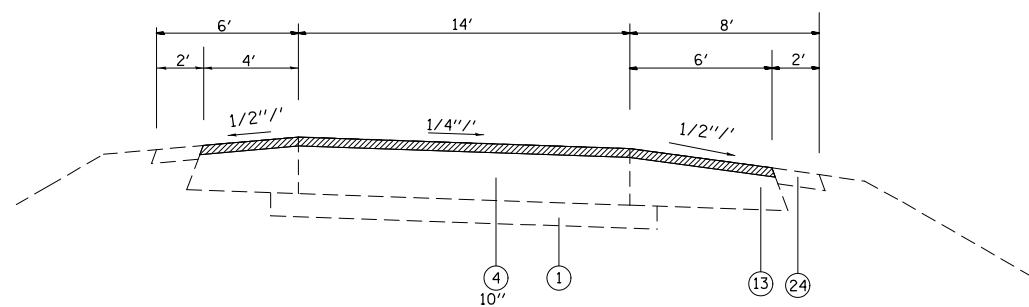
IL 158 EB ENTR.  
IL 158 EB EXIT



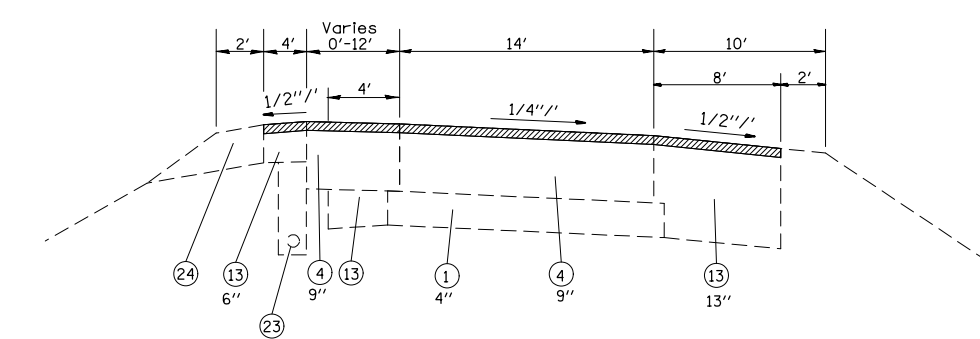
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STA. 16+02.5 TO STA. 17+00 LT.  
STA. 15+77 TO STA. 21+60 RT.



IL 159 (RAMP 2)  
STA. 0+00 TO STA. 12+30

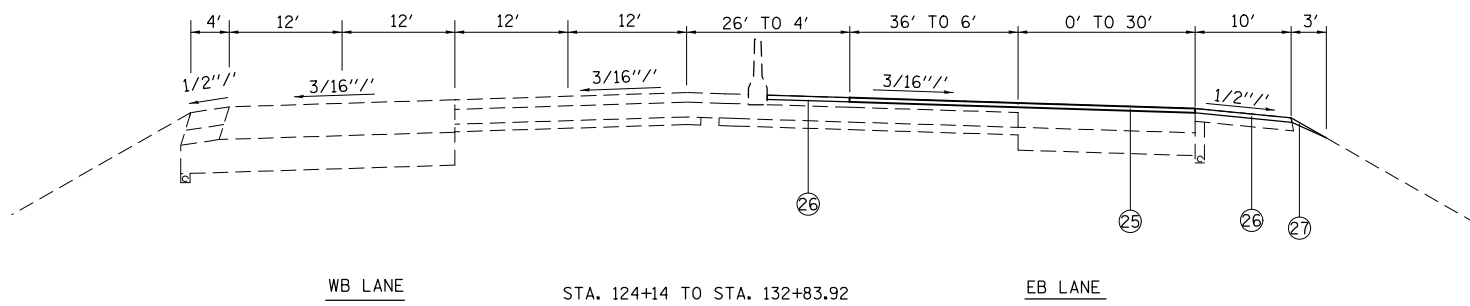


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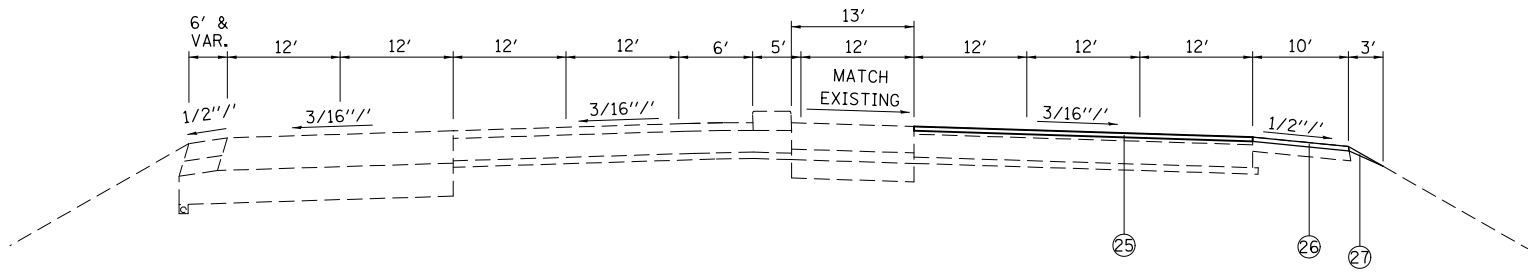


IL 159 (RAMP 2)  
STA. 12+30 TO STA. 16+02.50 LT.  
STA. 12+30 TO STA. 15+77 RT.

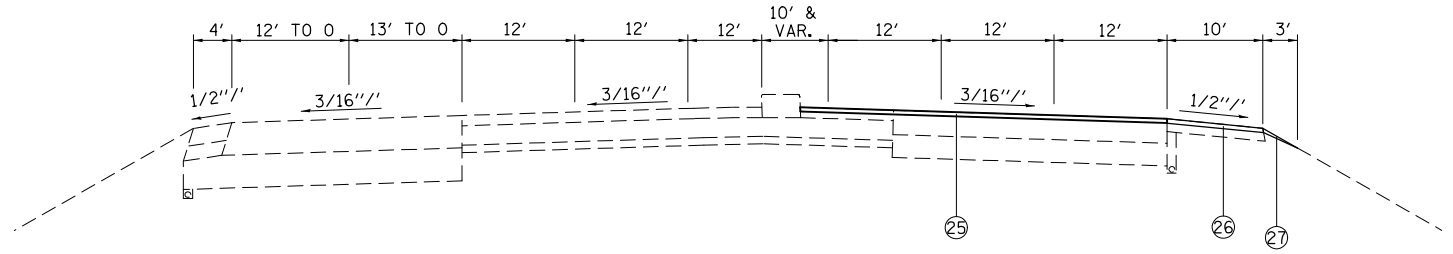
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PLOT DATE = 10/18/2013		DATE -	REVISED -		SCALE:	SHEET NO. 14 OF 14 SHEETS	STA.	TO STA.				



WB LANE STA. 124+14 TO STA. 132+83.92 EB LANE



WB LANE STA. 132+83.92 TO STA. 138+37.77 EB LANE



WB LANE STA. 138+37.77 TO STA. 141+82.85 EB LANE

**LEGEND**

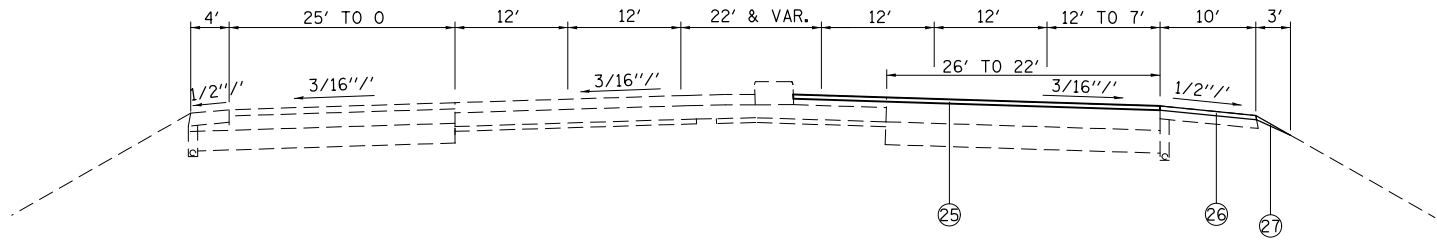
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

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	PLOT DATE = 10/18/2013	DATE -	REVISED -

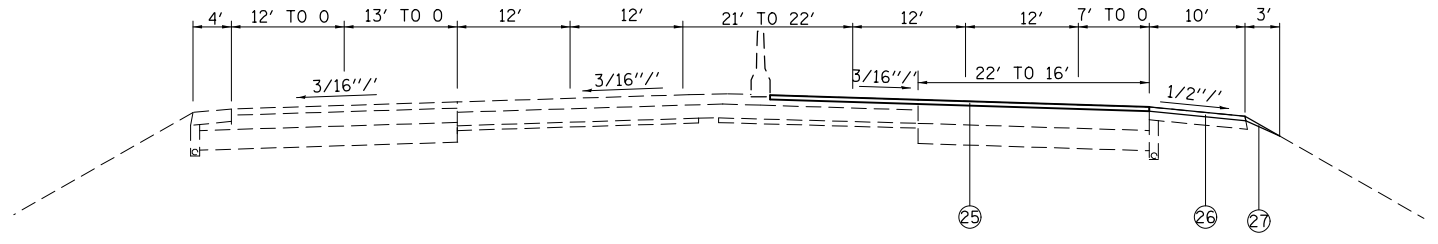
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTIONS</b>			
SCALE:	SHEET NO. 1 OF 14 SHEETS	STA.	TO STA.

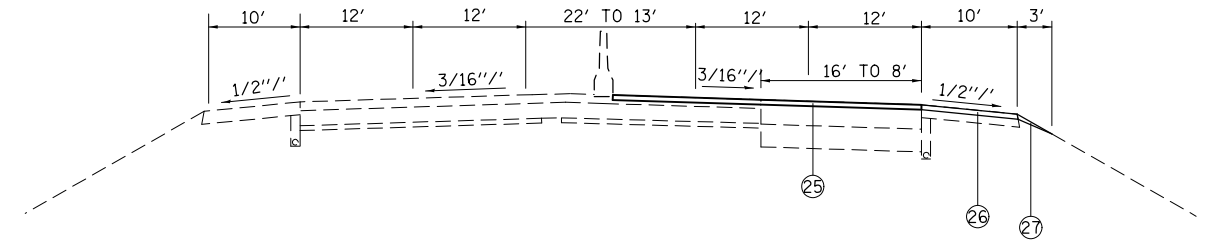
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103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	20
CONTRACT NO. 76G37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



WB LANE STA. 141+82.85 TO STA. 144+60 EB LANE



WB LANE STA. 144+60 TO STA. 148+83.37 EB LANE



WB LANE STA. 148+83.37 TO STA. 153+14 EB LANE

- LEGEND**
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
  - ② EXISTING BASE COURSE, 13.5"
  - ③ EXISTING LIME MODIFIED SOIL, 12"
  - ④ EXISTING PCC PAVEMENT
  - ⑤ OMIT
  - ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
  - ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
  - ⑧ EXISTING WIDENING
  - ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
  - ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
  - ⑪ EXISTING HMA RESURFACING
  - ⑫ EXISTING HMA BINDER COURSE, 12"
  - ⑬ EXISTING HMA SHOULDER
  - ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
  - ⑮ EXISTING CONCRETE MEDIAN
  - ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
  - ⑰ EXISTING CONCRETE CURB
  - ⑱ EXISTING PCC MEDIAN SURFACE, 4"
  - ⑲ EXISTING CONCRETE BARRIER
  - ⑳ EXISTING HMA SHOULDER CURB
  - ㉑ EXISTING CONCRETE GUTTER
  - ㉒ EXISTING CONCRETE CURB & GUTTER
  - ㉓ EXISTING PIPE UNDERDRAINS
  - ㉔ EXISTING AGGREGATE SHOULDERS
  - ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
  - ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
  - ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
  - ㉘ PROPOSED HMA SHOULDER CURB

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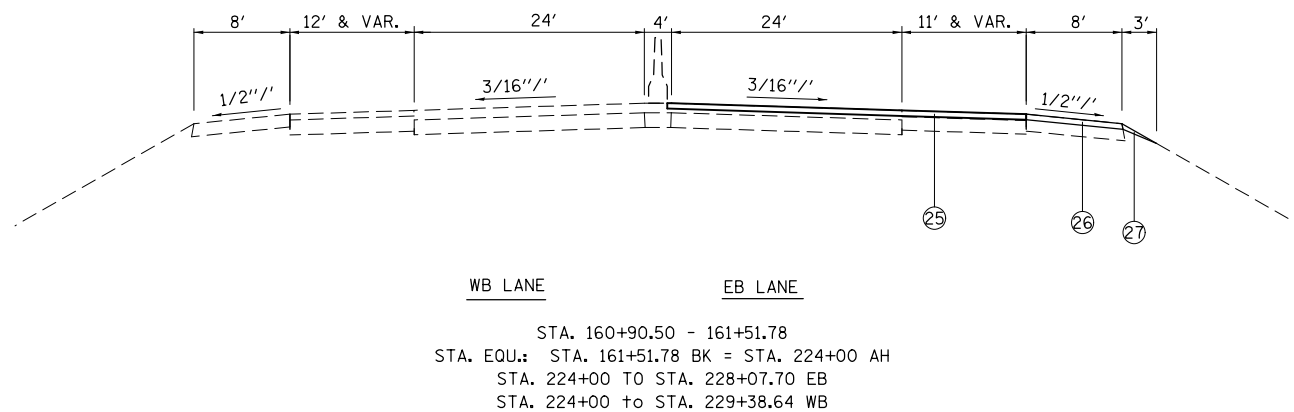
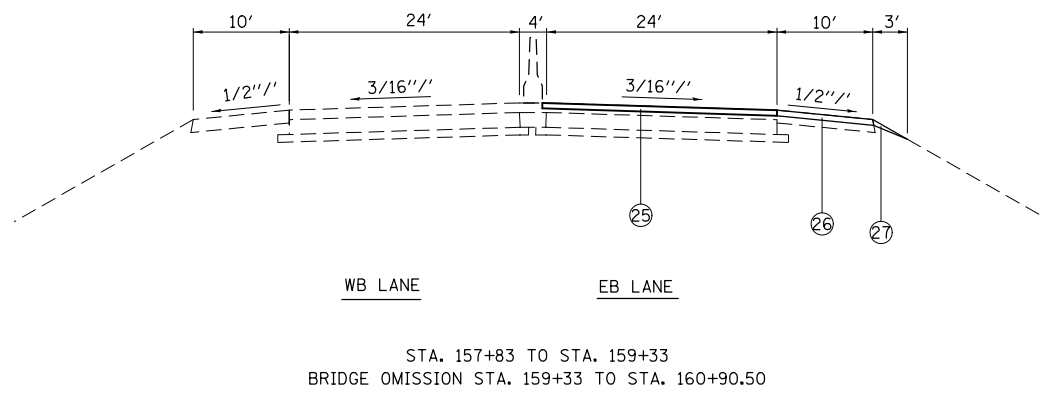
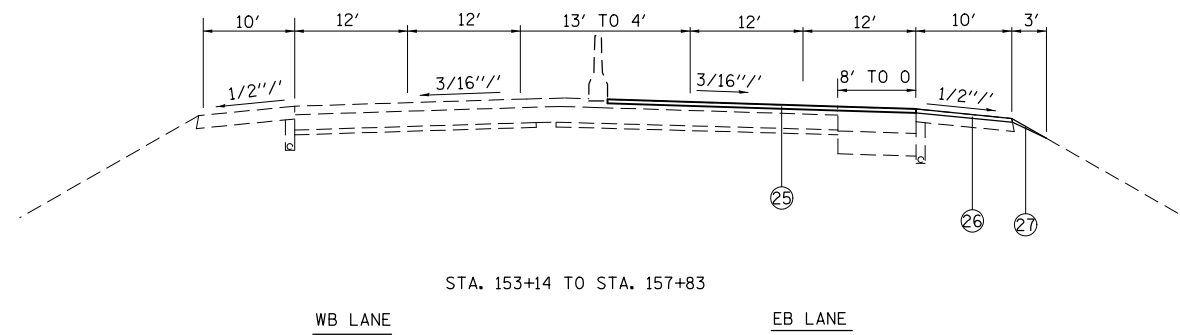
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTIONS</b>			
SCALE:	SHEET NO. 2 OF 14 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	21
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			<b>CONTRACT NO. 76G37</b>	

**LEGEND**

- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ POPOSED HMA SHOULDER CURB



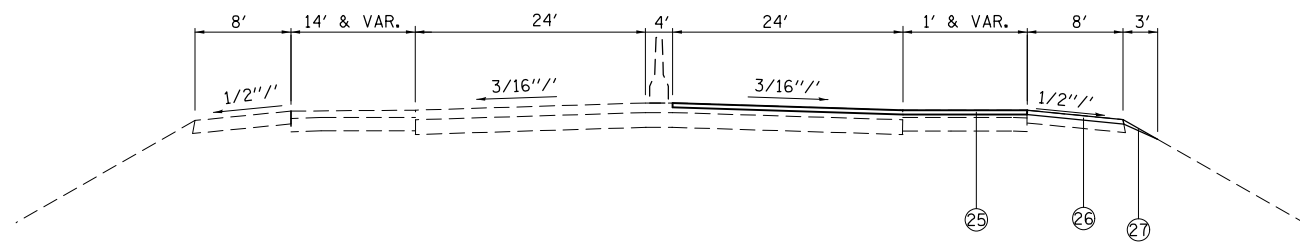
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

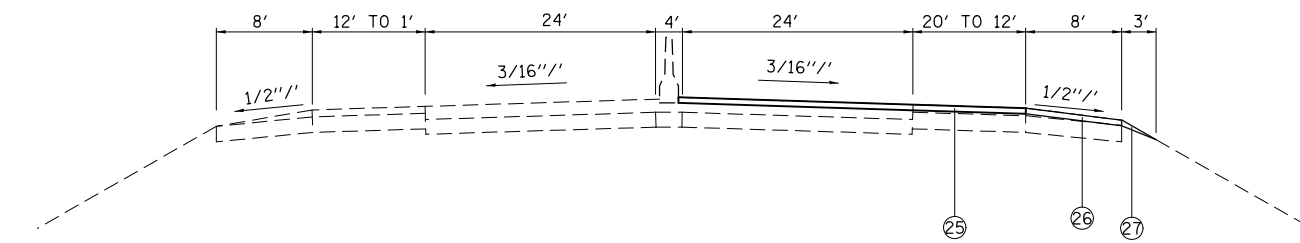
**PROPOSED TYPICAL SECTIONS**

SCALE:                      SHEET NO. 3 OF 14 SHEETS                      STA.                      TO STA.

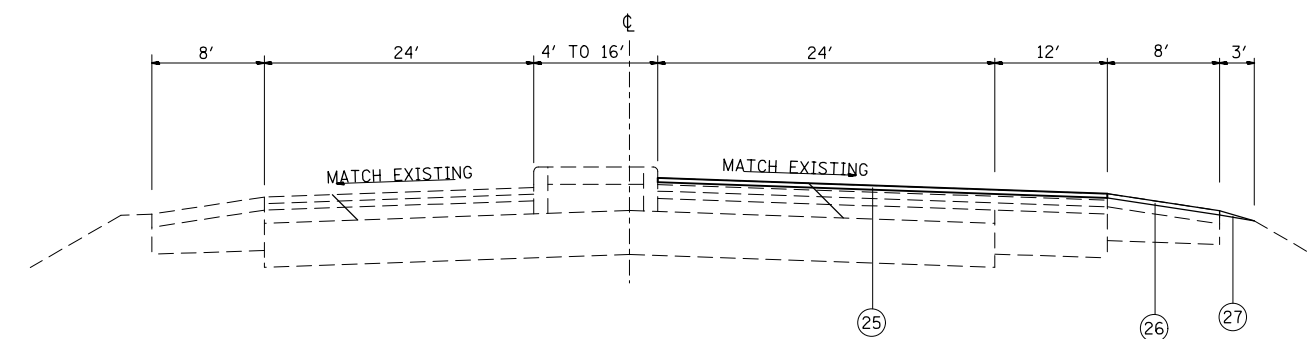
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	22
<b>CONTRACT NO. 76G37</b>				
FED. ROAD DIST. NO.    ILLINOIS    FED. AID PROJECT				



WB LANE EB LANE  
 STA. 228+07.70 TO STA. 245+50.29 EB  
 STA. 229+38.64 TO STA. 245+51 WB  
 BRIDGE OMISSION STA. 233+81.95 TO STA. 235+35.39



WB LANE EB LANE  
 STA. 245+50.29 TO STA. 251+20 EB  
 STA. 245+51 TO STA. 251+20 WB



WB LANE EB LANE  
 STA. 251+20 TO STA. 257+03

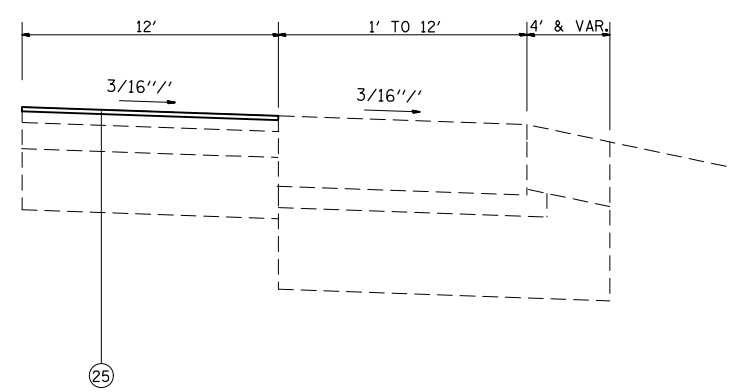
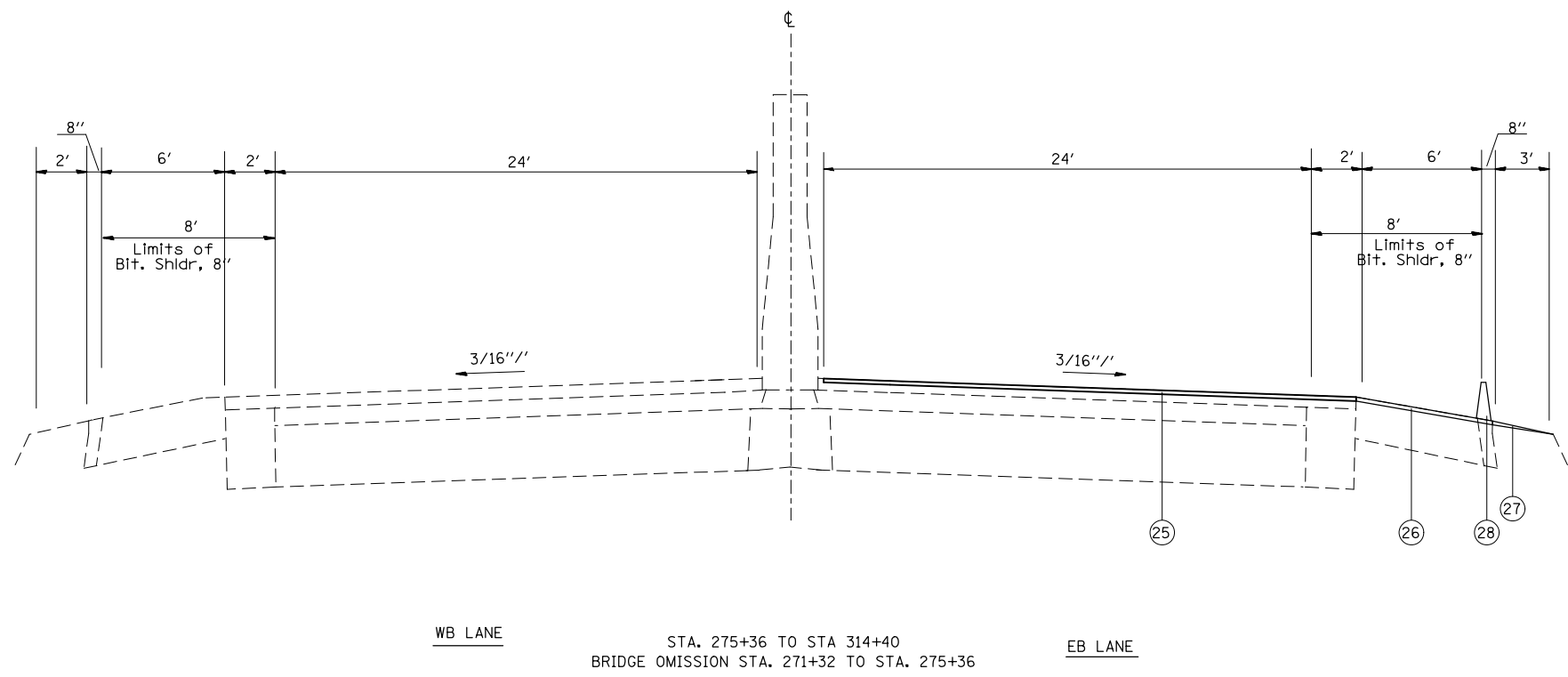
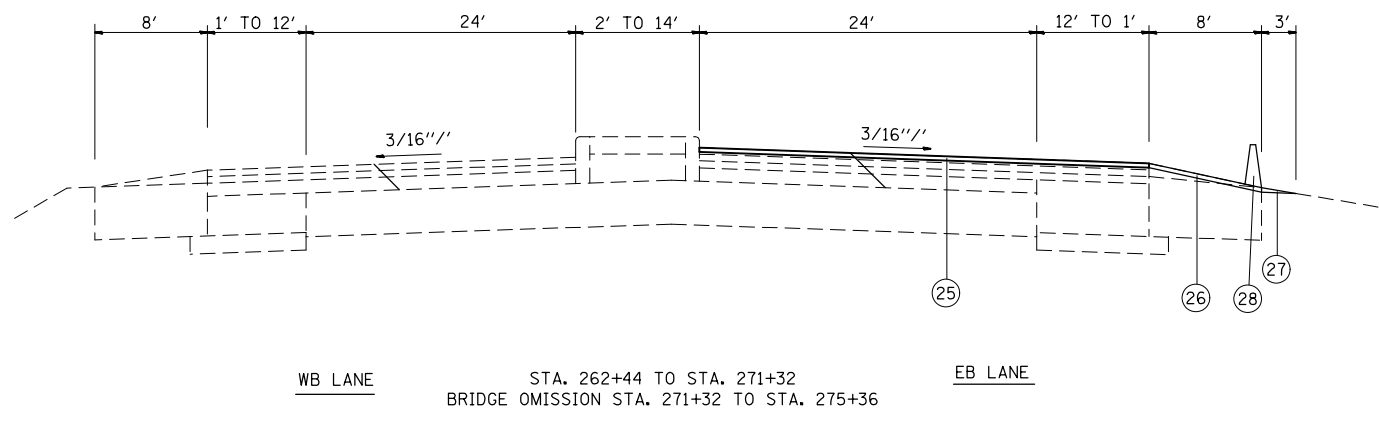
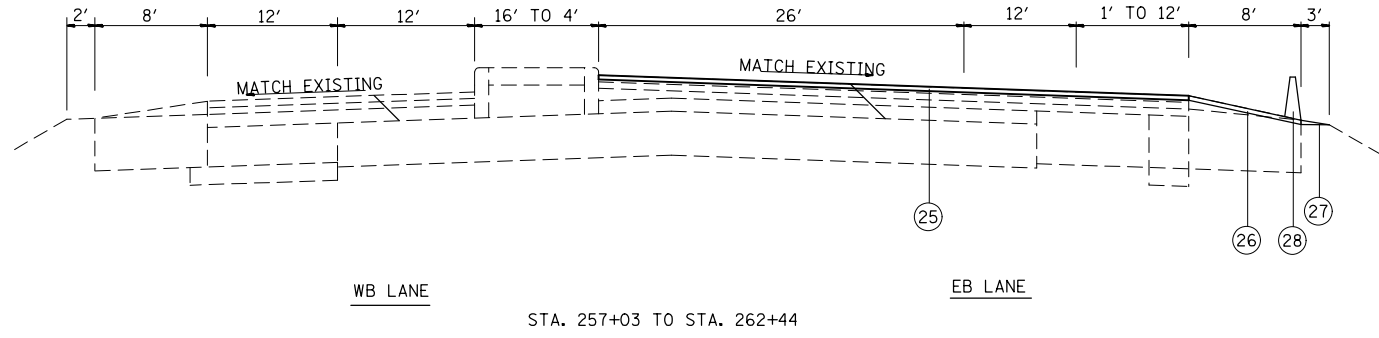
- LEGEND**
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
  - ② EXISTING BASE COURSE, 13.5"
  - ③ EXISTING LIME MODIFIED SOIL, 12"
  - ④ EXISTING PCC PAVEMENT
  - ⑤ OMIT
  - ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
  - ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
  - ⑧ EXISTING WIDENING
  - ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
  - ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
  - ⑪ EXISTING HMA RESURFACING
  - ⑫ EXISTING HMA BINDER COURSE, 12"
  - ⑬ EXISTING HMA SHOULDER
  - ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
  - ⑮ EXISTING CONCRETE MEDIAN
  - ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
  - ⑰ EXISTING CONCRETE CURB
  - ⑱ EXISTING PCC MEDIAN SURFACE, 4"
  - ⑲ EXISTING CONCRETE BARRIER
  - ⑳ EXISTING HMA SHOULDER CURB
  - ㉑ EXISTING CONCRETE GUTTER
  - ㉒ EXISTING CONCRETE CURB & GUTTER
  - ㉓ EXISTING PIPE UNDERDRAINS
  - ㉔ EXISTING AGGREGATE SHOULDERS
  - ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
  - ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
  - ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
  - ㉘ PROPOSED HMA SHOULDER CURB

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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTIONS</b>	
SCALE:	SHEET NO. 4 OF 14 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	23
CONTRACT NO. 76G37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

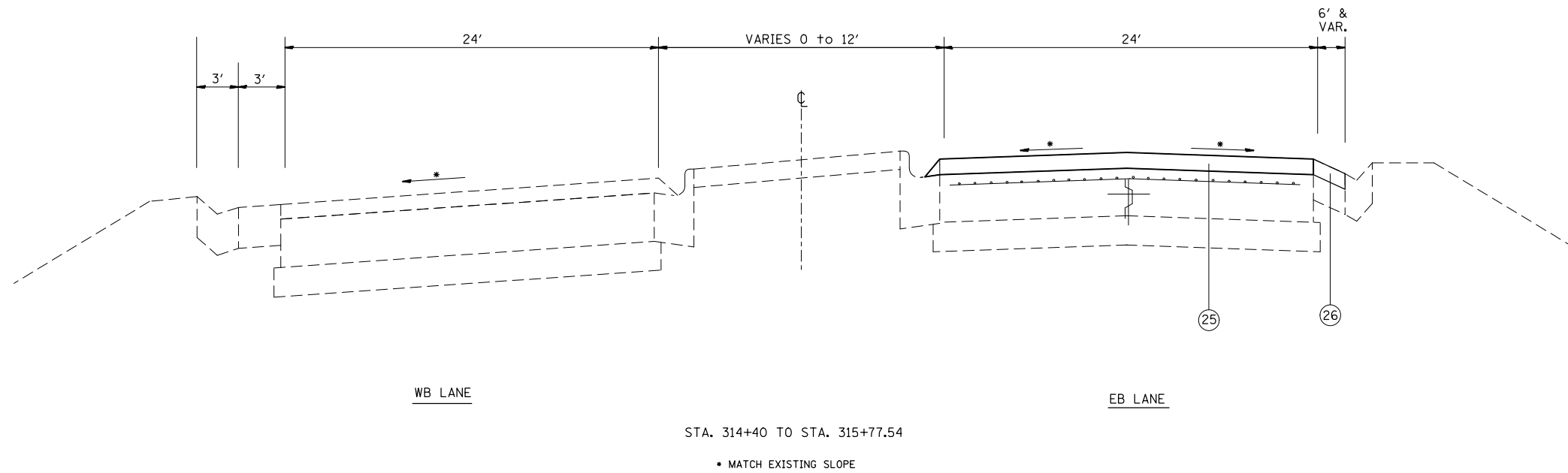


- LEGEND**
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
  - ② EXISTING BASE COURSE, 13.5"
  - ③ EXISTING LIME MODIFIED SOIL, 12"
  - ④ EXISTING PCC PAVEMENT
  - ⑤ OMIT
  - ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
  - ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
  - ⑧ EXISTING WIDENING
  - ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
  - ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
  - ⑪ EXISTING HMA RESURFACING
  - ⑫ EXISTING HMA BINDER COURSE, 12"
  - ⑬ EXISTING HMA SHOULDER
  - ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
  - ⑮ EXISTING CONCRETE MEDIAN
  - ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
  - ⑰ EXISTING CONCRETE CURB
  - ⑱ EXISTING PCC MEDIAN SURFACE, 4"
  - ⑲ EXISTING CONCRETE BARRIER
  - ⑳ EXISTING HMA SHOULDER CURB
  - ㉑ EXISTING CONCRETE GUTTER
  - ㉒ EXISTING CONCRETE CURB & GUTTER
  - ㉓ EXISTING PIPE UNDERDRAINS
  - ㉔ EXISTING AGGREGATE SHOULDERS
  - ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
  - ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
  - ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
  - ㉘ PROPOSED HMA SHOULDER CURB

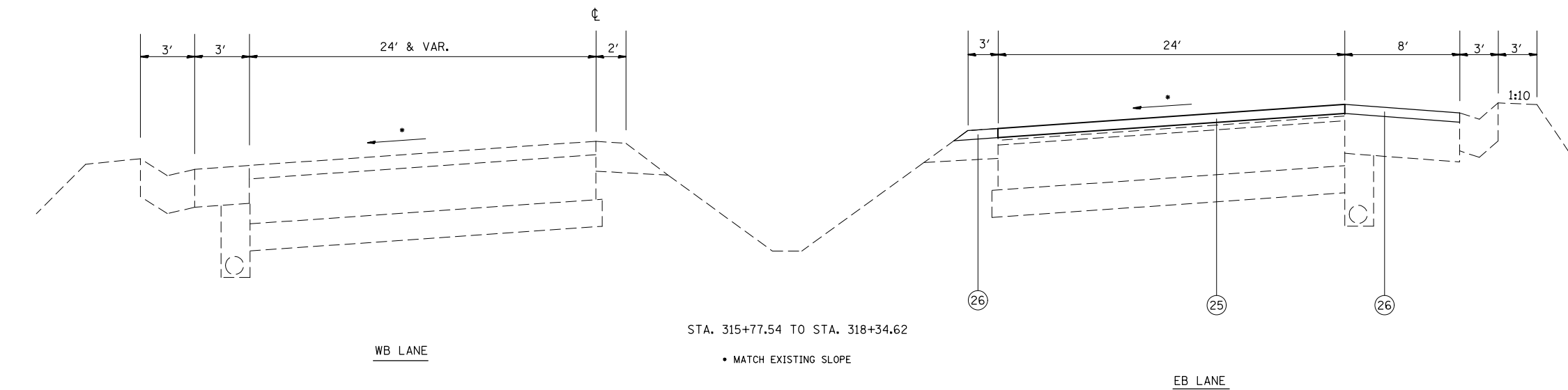
SEE PLAN SHEETS FOR LIMITS OF PROPOSED HMA CURB.

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 10/18/2013	CHECKED -	REVISED -		CONTRACT NO. 76G37							
		DATE -	REVISED -		SCALE:	SHEET NO. 5 OF 14 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		





- LEGEND**
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
  - ② EXISTING BASE COURSE, 13.5"
  - ③ EXISTING LIME MODIFIED SOIL, 12"
  - ④ EXISTING PCC PAVEMENT
  - ⑤ OMIT
  - ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
  - ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
  - ⑧ EXISTING WIDENING
  - ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
  - ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
  - ⑪ EXISTING HMA RESURFACING
  - ⑫ EXISTING HMA BINDER COURSE, 12"
  - ⑬ EXISTING HMA SHOULDER
  - ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
  - ⑮ EXISTING CONCRETE MEDIAN
  - ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
  - ⑰ EXISTING CONCRETE CURB
  - ⑱ EXISTING PCC MEDIAN SURFACE, 4"
  - ⑲ EXISTING CONCRETE BARRIER
  - ⑳ EXISTING HMA SHOULDER CURB
  - ㉑ EXISTING CONCRETE GUTTER
  - ㉒ EXISTING CONCRETE CURB & GUTTER
  - ㉓ EXISTING PIPE UNDERDRAINS
  - ㉔ EXISTING AGGREGATE SHOULDERS
  - ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
  - ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
  - ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
  - ㉘ PROPOSED HMA SHOULDER CURB

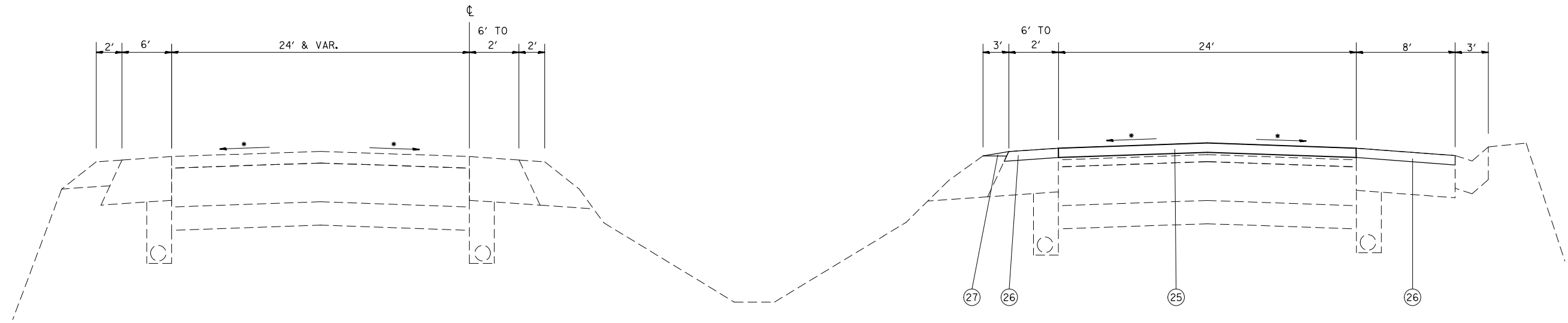


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS			
SCALE:	SHEET NO. 6 OF 14 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	25
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G37	



STA. 318+34.62 TO STA. 330+63.30

• MATCH EXISTING SLOPE

WB LANE  
SEE PLAN SHEET FOR AREA OF MILLING TRANSITION.

EB LANE  
SEE PLAN SHEET FOR AREA OF MILLING TRANSITION.

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

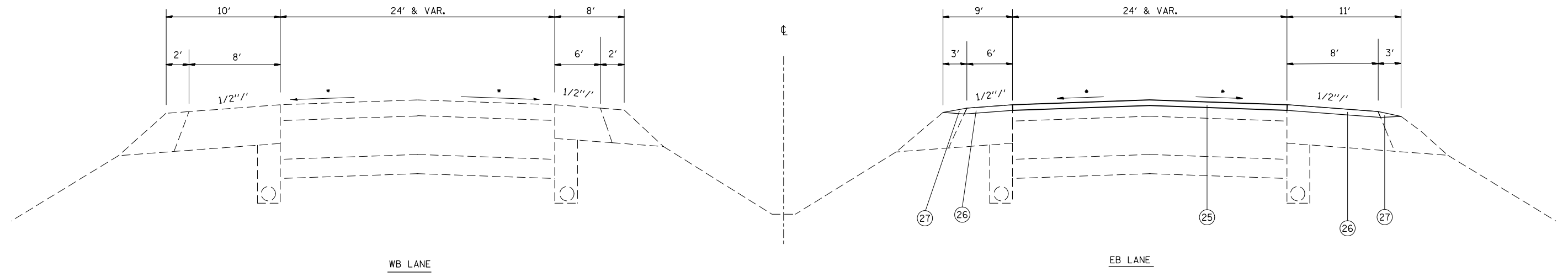
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

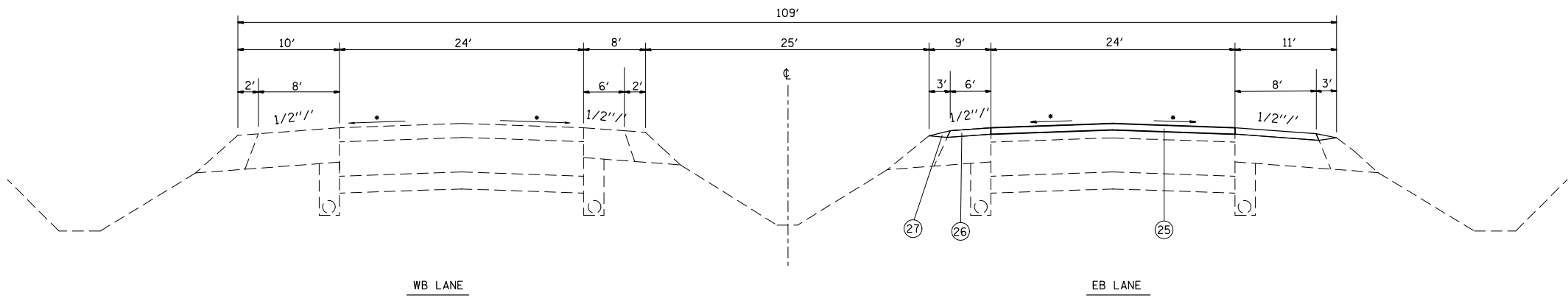
**PROPOSED TYPICAL SECTIONS**

SCALE: SHEET NO. 7 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	26
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G37	



STA. 330+63.30 TO STA. 367+45  
 • MATCH EXISTING SLOPE

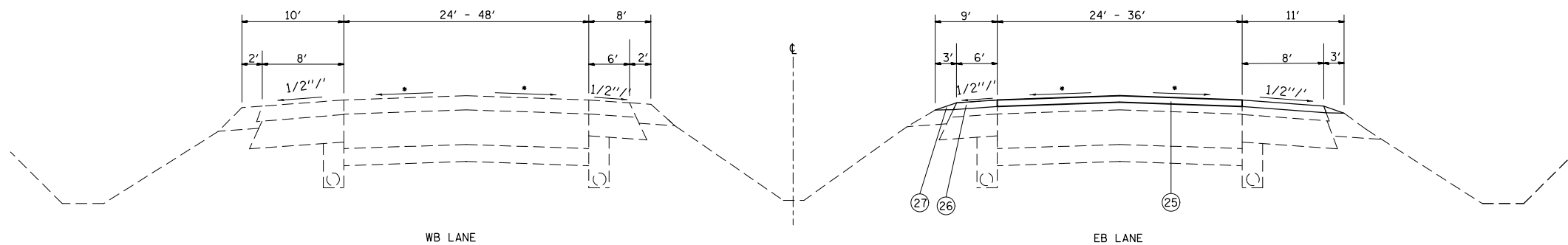


STA. 367+45 TO STA. 377+58.81  
 STA. 389+02.77 TO STA. 424+20  
 STA. 479+00 TO STA. 490+96.92  
 STA. 502+87.25 TO STA. 546+70.28  
 STA. 558+73.30 TO STA. 566+34.03  
 STA. 597+38.34 TO STA. 617+51.81  
 • MATCH EXISTING SLOPE

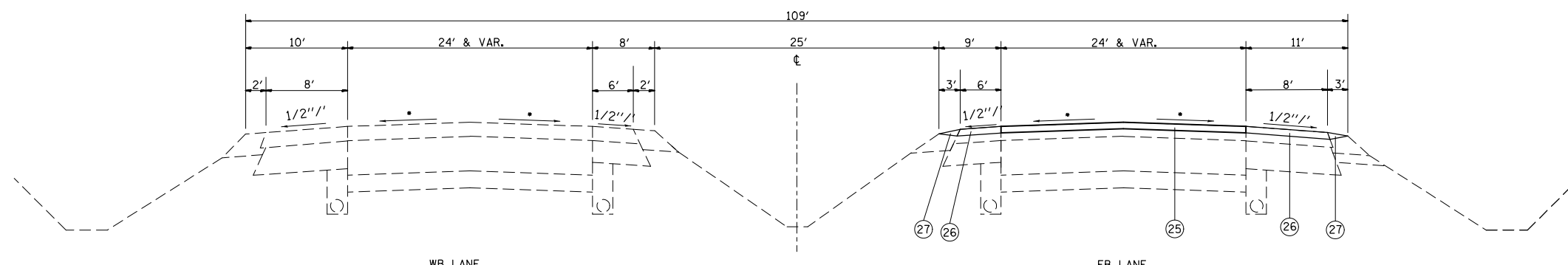
**LEGEND**

- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISED -					<b>CONTRACT NO. 76G37</b>					
		DATE -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

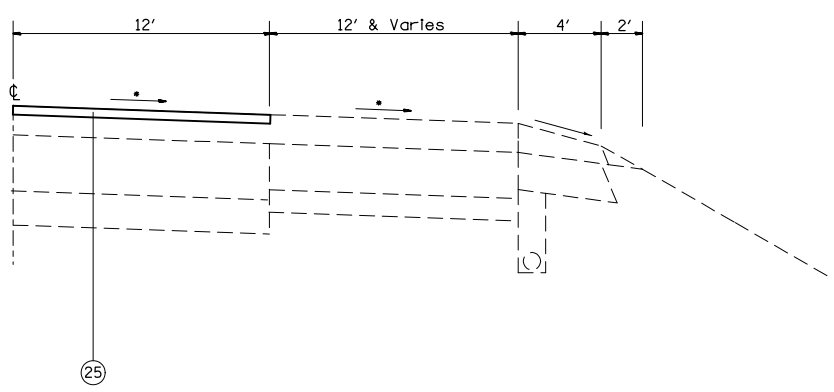


STA. 377+58.81 TO STA. 389+02.77  
 STA. 541+58.93 TO STA. 559+98.92  
 • MATCH EXISTING SLOPE

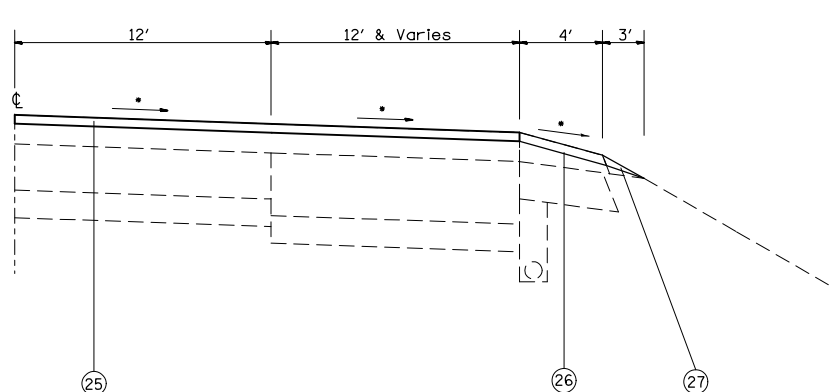


STA. 424+20 TO STA. 479+75.38  
 • MATCH EXISTING SLOPE

- LEGEND**
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
  - ② EXISTING BASE COURSE, 13.5"
  - ③ EXISTING LIME MODIFIED SOIL, 12"
  - ④ EXISTING PCC PAVEMENT
  - ⑤ OMIT
  - ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
  - ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
  - ⑧ EXISTING WIDENING
  - ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
  - ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
  - ⑪ EXISTING HMA RESURFACING
  - ⑫ EXISTING HMA BINDER COURSE, 12"
  - ⑬ EXISTING HMA SHOULDER
  - ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
  - ⑮ EXISTING CONCRETE MEDIAN
  - ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
  - ⑰ EXISTING CONCRETE CURB
  - ⑱ EXISTING PCC MEDIAN SURFACE, 4"
  - ⑲ EXISTING CONCRETE BARRIER
  - ⑳ EXISTING HMA SHOULDER GUTTER
  - ㉑ EXISTING CONCRETE CURB & GUTTER
  - ㉒ EXISTING PIPE UNDERDRAINS
  - ㉓ EXISTING AGGREGATE SHOULDERS
  - ㉔ EXISTING AGGREGATE SHOULDERS
  - ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
  - ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
  - ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
  - ㉘ PROPOSED HMA SHOULDER CURB

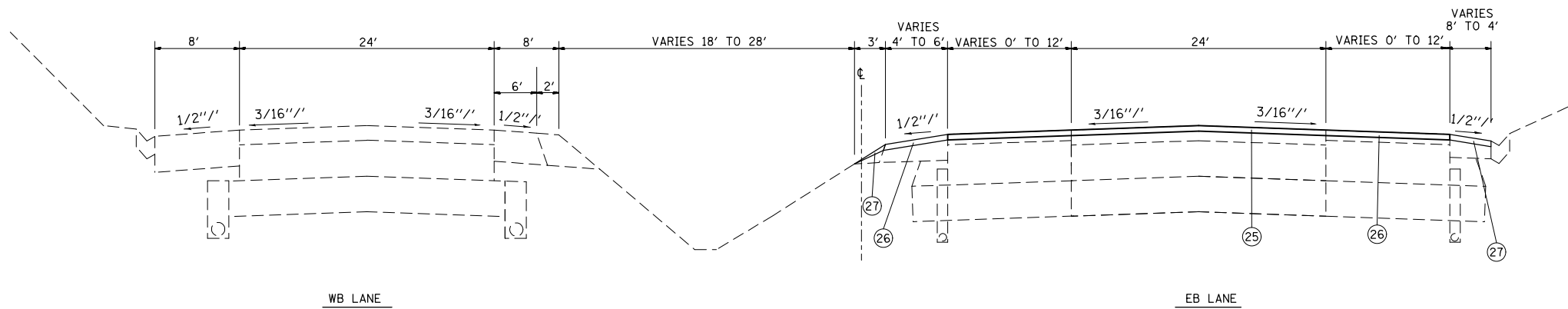


HALF SECTION (TURN LANE VICINITY)  
 ALLSUP DRIVE  
 74TH STREET (WESTFIELD PLAZA BLVD.)  
 • MATCH EXISTING SLOPE

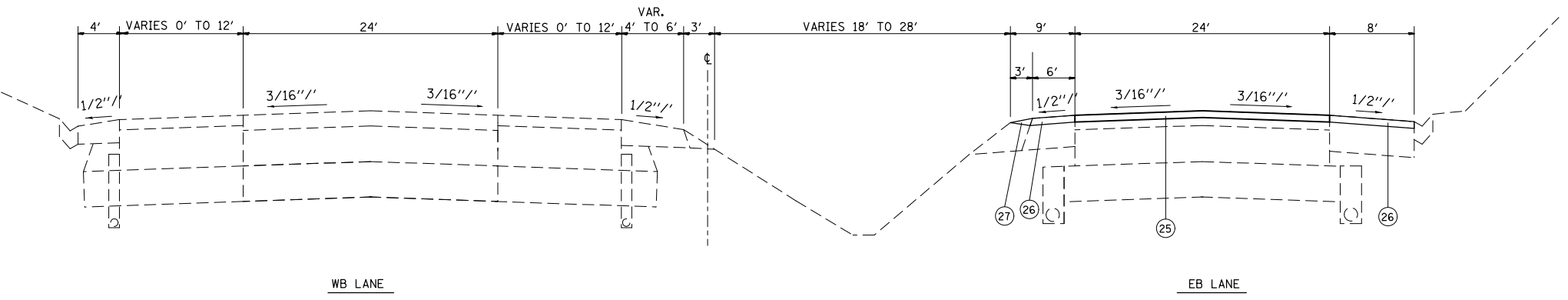


HALF SECTION (TURN LANE VICINITY)  
 11TH STREET  
 • MATCH EXISTING SLOPE

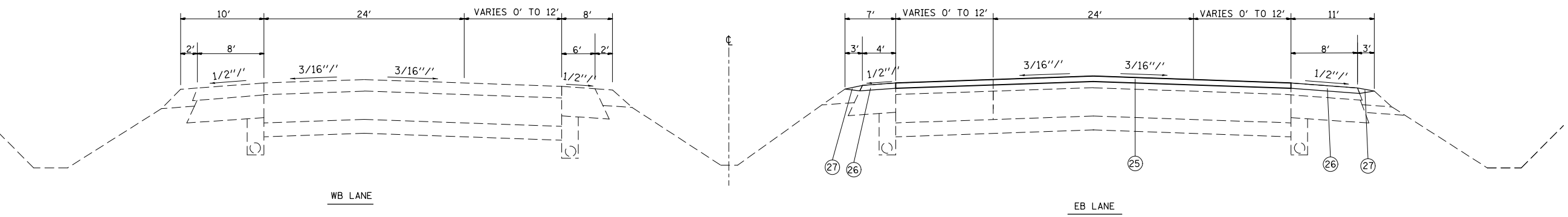
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PLOT DATE = 10/18/2013	DATE -	CHECKED -	REVISED -		CONTRACT NO. 76G37							
					SCALE:	SHEET NO. 9 OF 14 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



STA. 490+96.92 TO STA. 497+41.51  
 SEE PLANS SHEETS FOR AREAS OF MILLING  
 AND RESURFACING TRANSITIONS.



STA. 497+41.51 TO STA. 502+87.25



STA. 546+70.24 TO STA. 558+73.30  
 STA. 566+34.03 TO STA. 597+38.34  
 STA. 617+51.81 TO STA. 651+50

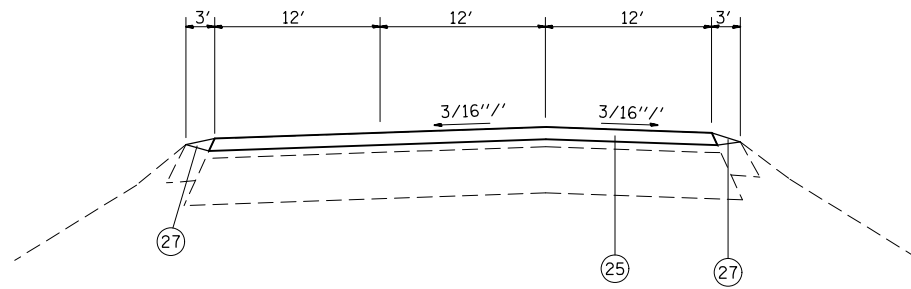
- LEGEND**
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
  - ② EXISTING BASE COURSE, 13.5"
  - ③ EXISTING LIME MODIFIED SOIL, 12"
  - ④ EXISTING PCC PAVEMENT
  - ⑤ OMIT
  - ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
  - ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
  - ⑧ EXISTING WIDENING
  - ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
  - ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
  - ⑪ EXISTING HMA RESURFACING
  - ⑫ EXISTING HMA BINDER COURSE, 12"
  - ⑬ EXISTING HMA SHOULDER
  - ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
  - ⑮ EXISTING CONCRETE MEDIAN
  - ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
  - ⑰ EXISTING CONCRETE CURB
  - ⑱ EXISTING PCC MEDIAN SURFACE, 4"
  - ⑲ EXISTING CONCRETE BARRIER
  - ⑳ EXISTING HMA SHOULDER CURB
  - ㉑ EXISTING CONCRETE GUTTER
  - ㉒ EXISTING CONCRETE CURB & GUTTER
  - ㉓ EXISTING PIPE UNDERDRAINS
  - ㉔ EXISTING AGGREGATE SHOULDERS
  - ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
  - ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
  - ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
  - ㉘ PROPOSED HMA SHOULDER CURB

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	PLOT DATE = 10/18/2013	DATE -	REVISED -

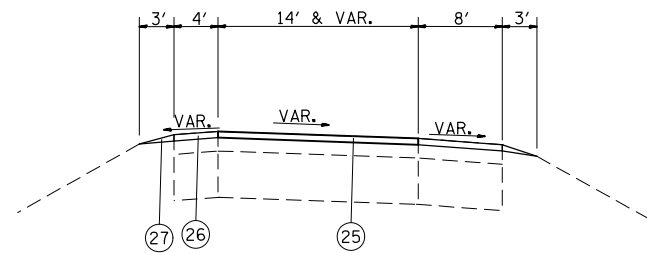
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTIONS</b>			
SCALE:	SHEET NO. 10 OF 14 SHEETS	STA.	TO STA.

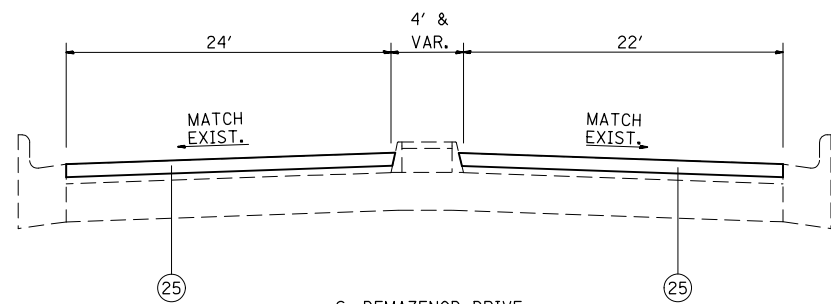
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	29
CONTRACT NO. 76G37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



POCKET ROAD



IL 157 RAMPS



S. DEMAZENOD DRIVE  
(SHRINE ENTRANCE)

**LEGEND**

- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

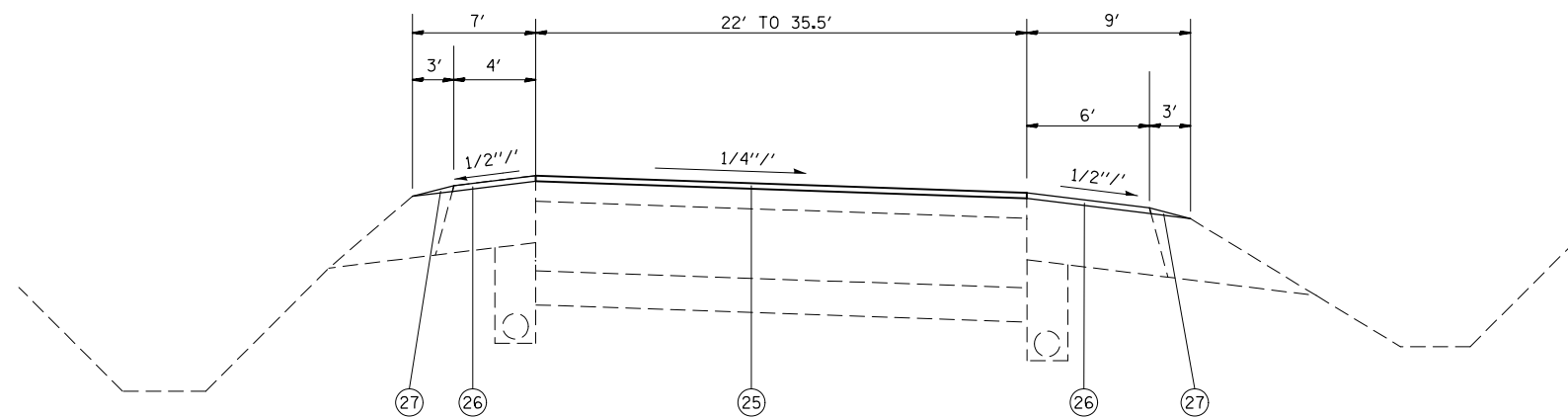
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

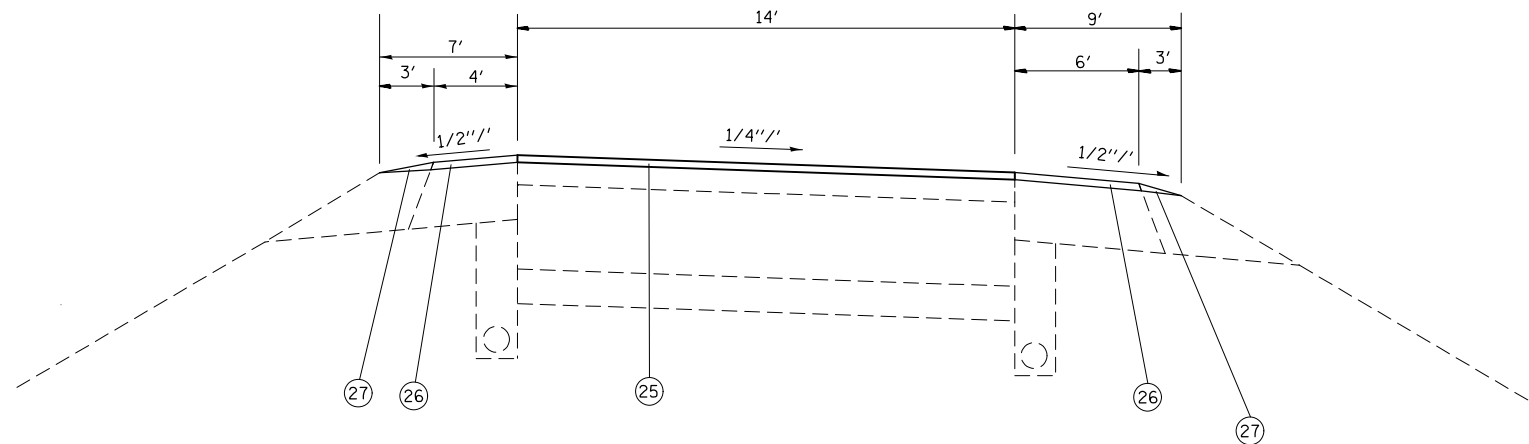
**PROPOSED TYPICAL SECTIONS**

SCALE: SHEET NO. 11 OF 14 SHEETS STA. TO STA.

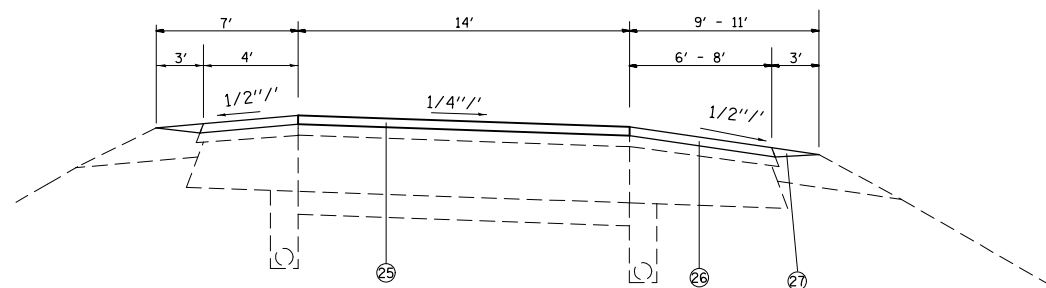
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	30
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



IL 13/15 - LINE B



IL 13/15 - INTERCHANGE RAMPS



FRANK SCOTT PKY.

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
- ② EXISTING BASE COURSE, 13.5"
- ③ EXISTING LIME MODIFIED SOIL, 12"
- ④ EXISTING PCC PAVEMENT
- ⑤ OMIT
- ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
- ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
- ⑧ EXISTING WIDENING
- ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
- ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
- ⑪ EXISTING HMA RESURFACING
- ⑫ EXISTING HMA BINDER COURSE, 12"
- ⑬ EXISTING HMA SHOULDER
- ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
- ⑰ EXISTING CONCRETE CURB
- ⑱ EXISTING PCC MEDIAN SURFACE, 4"
- ⑲ EXISTING CONCRETE BARRIER
- ⑳ EXISTING HMA SHOULDER CURB
- ㉑ EXISTING CONCRETE GUTTER
- ㉒ EXISTING CONCRETE CURB & GUTTER
- ㉓ EXISTING PIPE UNDERDRAINS
- ㉔ EXISTING AGGREGATE SHOULDERS
- ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
- ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
- ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
- ㉘ PROPOSED HMA SHOULDER CURB

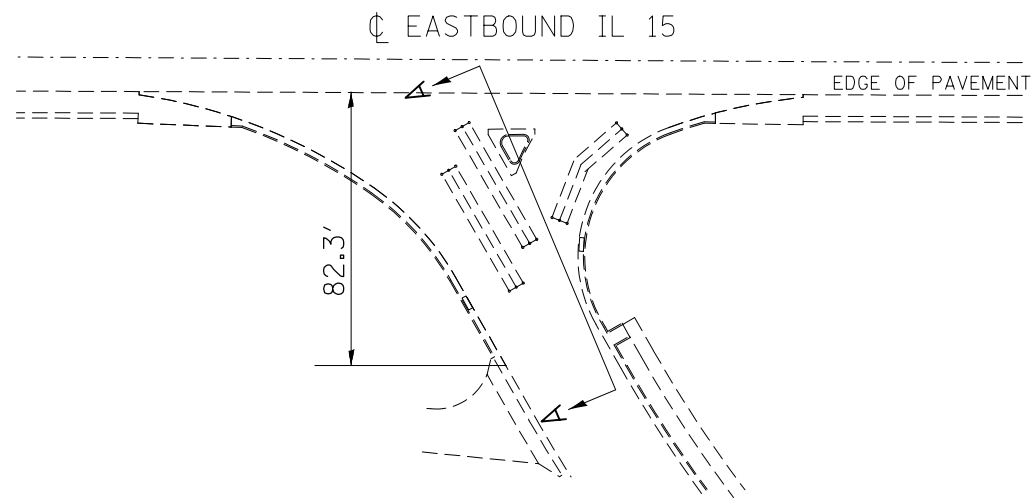
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

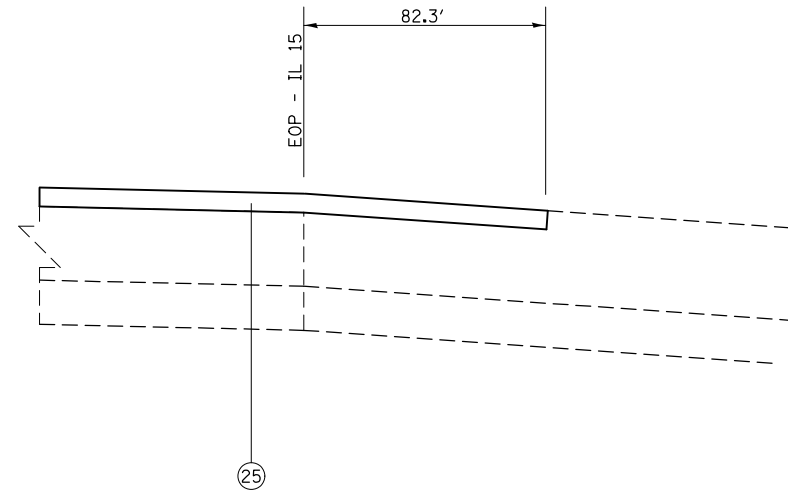
PROPOSED TYPICAL SECTIONS

SCALE: SHEET NO. 12 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	31
CONTRACT NO. 76G37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

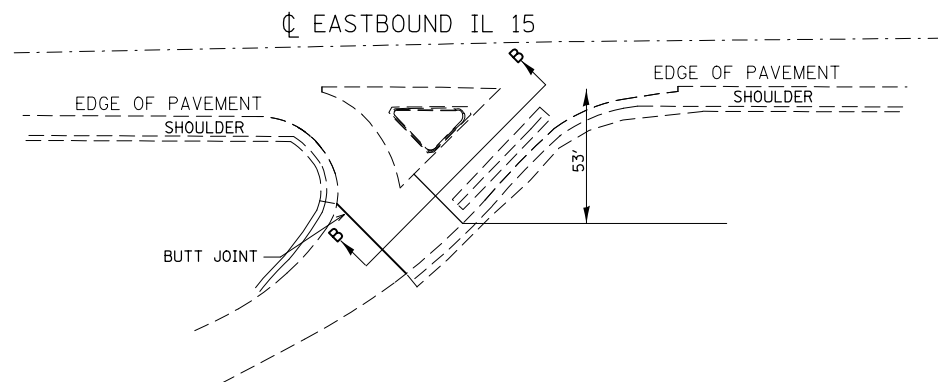


SIDE ROAD  
(74TH STREET\*\*)

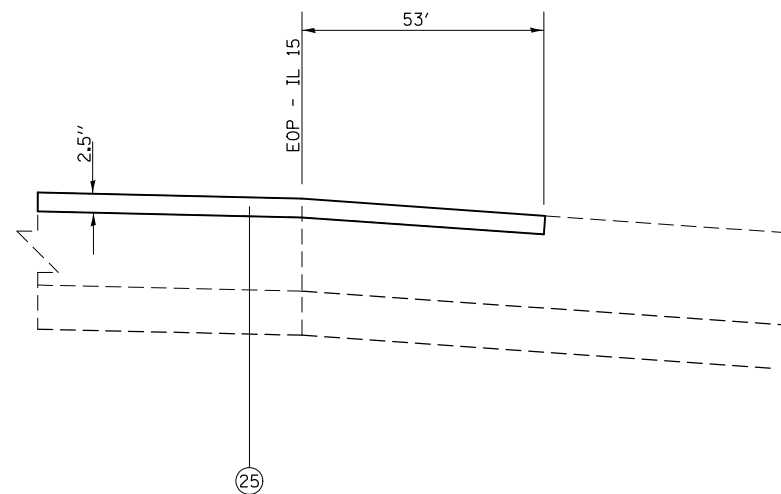


SECTION A-A

- LEGEND**
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
  - ② EXISTING BASE COURSE, 13.5"
  - ③ EXISTING LIME MODIFIED SOIL, 12"
  - ④ EXISTING PCC PAVEMENT
  - ⑤ OMIT
  - ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
  - ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
  - ⑧ EXISTING WIDENING
  - ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
  - ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
  - ⑪ EXISTING HMA RESURFACING
  - ⑫ EXISTING HMA BINDER COURSE, 12"
  - ⑬ EXISTING HMA SHOULDER
  - ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
  - ⑮ EXISTING CONCRETE MEDIAN
  - ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
  - ⑰ EXISTING CONCRETE CURB
  - ⑱ EXISTING PCC MEDIAN SURFACE, 4"
  - ⑲ EXISTING CONCRETE BARRIER
  - ⑳ EXISTING HMA SHOULDER CURB
  - ㉑ EXISTING CONCRETE GUTTER
  - ㉒ EXISTING CONCRETE CURB & GUTTER
  - ㉓ EXISTING PIPE UNDERDRAINS
  - ㉔ EXISTING AGGREGATE SHOULDERS
  - ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
  - ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
  - ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
  - ㉘ PROPOSED HMA SHOULDER CURB



11TH STREET



SECTION B-B

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

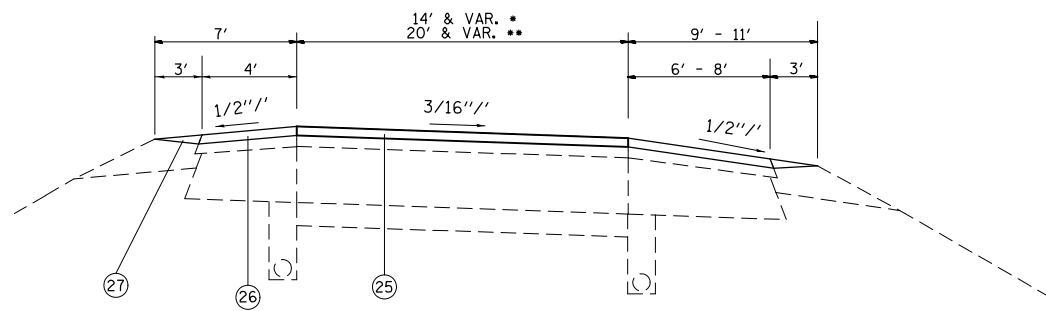
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

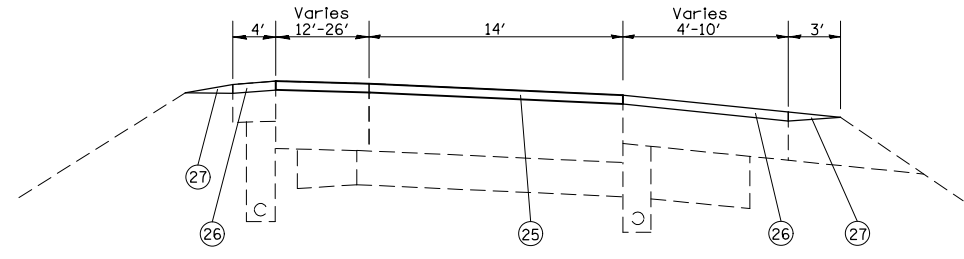
SCALE: SHEET NO. 13 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	32
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G37	

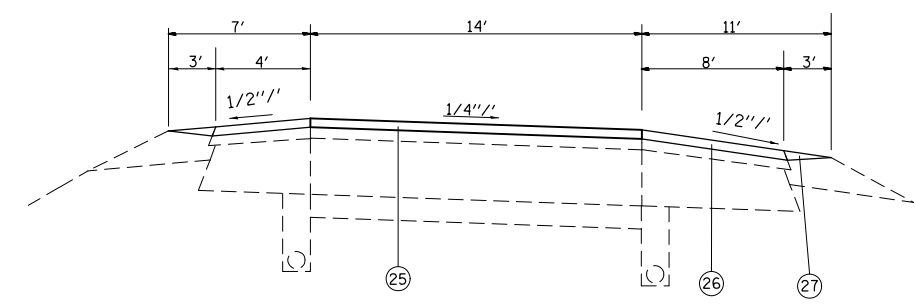




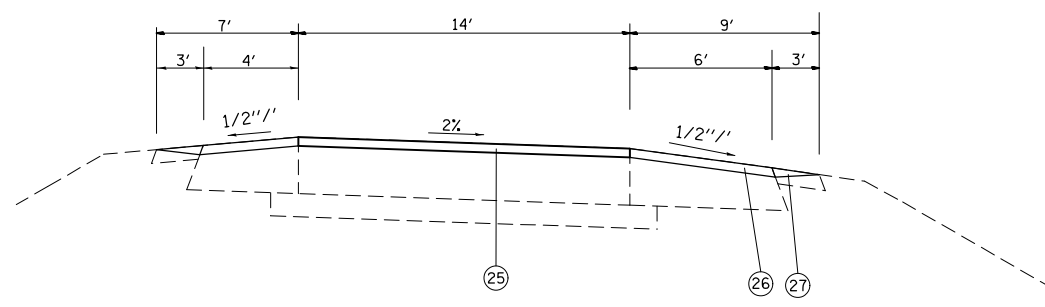
IL 158 EB ENTR.  
IL 158 EB EXIT



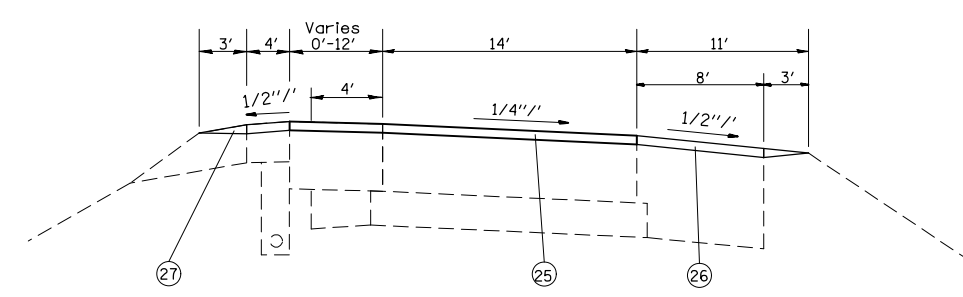
IL 159 (RAMP 2)  
STA. 16+02.5 TO STA. 17+00 LT.  
STA. 15+77 TO STA. 21+60 RT.



IL 159 (RAMP 2)  
STA. 0+00 TO 12+30



IL 159 (RAMP 4)



IL 159 (RAMP 2)  
STA. 12+30 TO STA. 16+02.50 LT.  
STA. 12+30 TO STA. 15+77 RT.

- LEGEND**
- ① EXISTING SUB-BASE GRANULAR MATERIAL, VARIES 4" TO 12"
  - ② EXISTING BASE COURSE, 13.5"
  - ③ EXISTING LIME MODIFIED SOIL, 12"
  - ④ EXISTING PCC PAVEMENT
  - ⑤ OMIT
  - ⑥ EXISTING PCC JOINTED PAVEMENT, 14"
  - ⑦ EXISTING PCC BASE COURSE WIDENING, 9"
  - ⑧ EXISTING WIDENING
  - ⑨ EXISTING HMA PAVEMENT (FULL DEPTH)
  - ⑩ EXISTING HMA RESURFACING, 6" TO 7.5"
  - ⑪ EXISTING HMA RESURFACING
  - ⑫ EXISTING HMA BINDER COURSE, 12"
  - ⑬ EXISTING HMA SHOULDER
  - ⑭ EXISTING HMA SHOULDER RESURFACING, VAR. DEPTH
  - ⑮ EXISTING CONCRETE MEDIAN
  - ⑯ EXISTING CONCRETE CURB, SPECIAL, 12"
  - ⑰ EXISTING CONCRETE CURB
  - ⑱ EXISTING PCC MEDIAN SURFACE, 4"
  - ⑲ EXISTING CONCRETE BARRIER
  - ⑳ EXISTING HMA SHOULDER CURB
  - ㉑ EXISTING CONCRETE GUTTER
  - ㉒ EXISTING CONCRETE CURB & GUTTER
  - ㉓ EXISTING PIPE UNDERDRAINS
  - ㉔ EXISTING AGGREGATE SHOULDERS
  - ㉕ PROPOSED POLYMER HMA SURFACE COURSE, MIX E, N90, 2 1/4"
  - ㉖ PROPOSED HMA SHOULDERS, 2 1/4"
  - ㉗ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B
  - ㉘ PROPOSED HMA SHOULDER CURB

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 10/18/2013	CHECKED -	REVISED -		SCALE: SHEET NO. 14 OF 14 SHEETS STA. TO STA.			CONTRACT NO. 76G37				
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

MAINLINE RESURFACING					
STATION TO STATION	HMA SURFACE REMOVAL, 2"	HMA SURFACE REMOVAL, 2 1/4"	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	POLYMERIZED HMA SURFACE COURSE, MIX "E", N90
	SQ YD	SQ YD	TON	TON	TON
124+14 - 128+98.27		1937.1	0.61	2.9	244.1
128+98.27 - 132+83.92		2191.8	0.69	3.3	276.2
132+83.92 - 137+89.02		2020.4	0.63	3.0	254.6
137+89.02 - 139+31.48		703.8	0.22	1.1	88.7
139+31.48 - 141+91.06		1211.4	0.38	1.8	152.6
141+91.06 - 144+51.30		1147.9	0.36	1.7	289.3
144+51.30 - 157+83.29		4543.6	1.42	5.7	572.5
157+83.29 - 159+09.05		335.4	0.10	0.5	42.3
161+14.45 - 161+51.78		146.8	0.05	0.2	18.5
224+00 - 228+07.69		1984.1	0.62	3.0	250.0
228+07.69 - 229+58.21		485.8	0.15	0.7	61.2
229+58.21 - 232+99.31		968.3	0.3	1.5	122.0
232+99.31 - 245+50.29		3335.9	1.04	5.0	420.3
245+50.29 - 251+32.13		2595.7	0.81	3.9	327.1
251+32.13 - 257+00		2271.5	0.71	3.4	286.2
257+00 - 259+50		1166.7	0.37	1.8	147.0
259+50 - 261+98		1322.7	0.41	2.0	166.7
261+98 - 262+91		453.1	0.14	0.7	57.1
262+91 - 271+16.37		2778.7	0.87	4.2	350.1
275+32.24 - 308+21		9500.9	2.97	14.3	1197.1
308+21 - 314+51.76		1808.2	0.57	2.7	227.8
314+51.76 - 316+57.19		580.9	0.18	0.9	73.2
316+57.19 - 317+38.06		275.4	0.09	0.4	34.7
317+38.06 - 322+24.28		1350.6	0.42	2.0	170.2
322+24.28 - 326+87.42		1317.4	0.41	2.0	166.0
326+87.42 - 329+10.59		911.3	0.29	1.4	114.8
329+10.59 - 336+98.05		2222.4	0.70	3.3	280.0
336+98.05 - 341+71.65		1394.5	0.44	2.1	175.7
343+68.94 - 350+77.84		1996.7	0.62	3.0	251.6
350+77.84 - 356+65.11		1621.5	0.51	2.4	204.3
356+65.11 - 377+42.23		5539.0	1.73	8.3	697.9
377+42.23 - 380+08.16		886.4	0.28	1.3	111.7
380+08.16 - 382+49.10		963.8	0.30	1.4	121.4
382+49.10 - 384+91.26		964.7	0.30	1.4	121.6
384+91.26 - 452+68.53		18072.7	5.65	27.1	2277.2
452+68.53 - 453+79.92		337.9	0.11	0.5	42.6
453+79.92 - 456+50.87		1282.5	0.40	1.9	161.6
456+50.87 - 490+96.92		9189.5	2.88	13.8	1157.9
490+96.92 - 493+62.02	1060.4		0.33	1.6	118.8
SUB-TOTALS	1060.4	91817.0	29.06	138.2	11832.6

MAINLINE RESURFACING					
STATION TO STATION	HMA SURFACE REMOVAL, 2"	HMA SURFACE REMOVAL, 2 1/4"	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	POLYMERIZED HMA SURFACE COURSE, MIX "E", N90
	SQ YD	SQ YD	TON	TON	TON
493+62.02 - 496+01.92	1279.5		0.40	1.9	143.3
496+01.92 - 497+90.21	813.8		0.25	1.2	91.1
497+90.21 - 546+70.28		13013.5	4.07	19.5	1639.7
546+70.28 - 550+00		1318.9	0.37	1.8	147.7
550+00 - 551+59.75		852.0	0.27	1.3	107.4
551+59.75 - 553+67.24		875.0	0.27	1.3	110.2
553+67.24 - 569+50.15		4221.1	1.32	6.3	531.9
569+50.15 - 571+58.69		776.2	0.24	1.2	97.8
571+58.69 - 578+09.23		1734.8	0.54	2.6	218.6
580+54.66 - 590+24.80		2587.0	0.81	3.9	326.0
590+24.80 - 597+38.34		2497.4	0.78	3.7	314.7
597+38.34 - 600+42.10		810.0	0.25	1.2	102.1
602+71.33 - 620+37.18		4708.9	1.47	7.1	593.3
620+37.18 - 624+07.41		1336.9	0.42	2.0	63.3
624+07.41 - 631+89.72		2086.2	0.65	3.1	262.9
637+20.08 - 645+18.43		2128.9	0.67	3.2	268.2
645+18.43 - 651+50		1701.7	0.53	2.6	214.4
SUB-TOTALS	2093.3	40648.5	13.31	63.9	5232.6
SUB-TOTALS FROM PAGE 1	1060.4	91817.0	29.06	138.2	11832.6
TOTALS	3153.7	132465.5	42.37	202.1	17065.2

SIDEROAD & RAMP RESURFACING					
STATION TO STATION	PCC SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL, 2 1/4"	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	POLYMERIZED HMA SURFACE COURSE, MIX "E", N90
	SQ YD	SQ YD	TON	TON	TON
POCKET ROAD		553.9	0.17	0.8	69.8
IL 157 EXIT RAMP		1226.9	0.39	1.9	154.6
IL 157 ENTR. RAMP		1896.7	0.59	2.8	239.0
DEMAZENOD DRIVE		862.5	0.27	1.3	108.7
LATINETTE CROSSOVER		227.5	0.07	0.3	28.7
IL 13/15 - LINE B					
328+84.37 - 332+49.94		893.6	0.28	1.3	112.6
335+23.11 - 348+70.06		3292.5	1.03	4.9	414.9
350+64.32 - 355+64.32		1243.4	0.39	1.9	156.7
CROSSOVER		148.3	0.05	0.2	18.7
IL 13/15 - RAMP 3		1374.7	0.43	2.1	173.2
IL 13/15 - RAMP 2		1612.6	0.50	2.4	203.2
CROSSOVER @ 365+27.64		101.4	0.03	0.2	12.8
74TH STREET		840.5	0.26	1.3	105.9
CROSSOVER @ 413+58.27		87.9	0.03	0.1	11.1
FRANK SCOTT EXIT RAMP		1698.6	0.53	2.5	214.0
FRANK SCOTT ENTR. RAMP		1696.9	0.53	2.5	213.8
CROSSOVER @ 506+32.67		77.6	0.02	0.1	9.8
11TH STREET		544.3	0.17	0.8	68.6
IL 158 EXIT RAMP		1161.6	0.36	1.7	146.4
IL 158 ENTR. RAMP		1659.7	0.52	2.5	209.1
IL 159 EXIT RAMP		2772.2	0.46	4.2	349.3
IL 159 ENTR. RAMP	220.5	1240.2	0.87	2.2	196.2
TOTALS	220.5	25213.5	7.95	38.0	3217.1

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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SCALE: SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	34
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G37	

TEMPORARY RAMPS				
LOCATION	SIZE	COMMENTS	LOCATION	SIZE
124+14	30.0	MAINLINE	POCKET RD	39.2
132+83.92	10.0	TURN LANE	IL 157 EXIT RAMP	58.3
138+60	78.3	INTERSECTION	IL 159 ENTR RAMP	83.3
159+09.05	20.0	MAINLINE	DEMAZENOD DR	41.7
161+14.45	30.0	MAINLINE	LATINETTE	70.8
232+99.31	20.0	MAINLINE	LINE B 332+49.94	25
235+30.26	20.0	MAINLINE	LINE B 335+29.03	19.2
262+44	70.8	INTERSECTION	LINE B 348+70.06	18.3
271+16.37	20.0	MAINLINE	LINE B 350+64.32	18.3
275+32.24	20.0	MAINLINE	LINE B 355+72.97	18.3
317+00	33.3	MEDIAN	RAMP 3	11.7
322+75	21.7	CROSSOVER	RAMP 2	11.7
341+71.65	21.7	MAINLINE	74TH STREET	30
343+68.94	20.8	MAINLINE	FRANK SCOTT EXIT	13.3
356+25	33.3	MEDIAN	FRANK SCOTT ENTR	20.8
383+22	79.2	INTERSECTION	17TH STREET	125
413+58.27	27.5	MEDIAN	11TH STREET	30
453+79.92	25.8	MAINLINE	IL 158 EXIT	16.7
455+61.02	33.3	MAINLINE	IL 1578 ENTR	11.7
496+01.92	10.0	TURN LANE	IL 159 EXIT	104.2
497+00	70.8	INTERSECTION	IL 159 ENTR RAMP	70.8
506+32.67	23.3	MEDIAN		
552+96.14	50.0	INTERSECTION		
578+09.23	20.0	MAINLINE		
580+54.66	20.0	MAINLINE		
600+42.10	23.3	MAINLINE		
602+71.33	23.3	MAINLINE		
631+89.72	20.0	MAINLINE		
637+20.08	20.0	MAINLINE		
651+50	20.4	MAINLINE		
SUB-TOTAL	916.8		TOTAL	1755.1

MAINLINE SHOULDER RESURFACING									
STATION TO STATION	LOCATION	HMA SURFACE REMOVAL, 2"	HMA SURFACE REMOVAL, 2 1/4"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HMA SHOULDERS	SHOULDER RUMBLE STRIPS, 16 INCH	AGGREGATE SHOULDER WEDGE, TYPE B	HMA SHOULDER CURB
		SQ YD	SQ YD	TON	TON	TON	FOOT	TON	FOOT
124+14 - 128+98.27	LT		812.5	0.25	1.2	102.4			
124+14 - 137+89.02	RT		1527.8	0.48	2.3	192.5	1375.0	36.8	
139+31.48 - 159+09.05	RT		2197.3	0.69	3.3	276.9	1977.6	52.9	
228+55.36 - 229+58.21	RT		68.6	0.02	0.1	8.6	102.9	2.7	
229+58.21 - 233+14	RT		316.3	0.10	0.5	39.8	355.8	9.5	
235+05.60 - 244+12.88	RT		806.5	0.25	1.2	101.6	907.3	24.3	
245+50.29 - 261+32.78	RT		1406.7	0.44	2.1	177.2		42.3	
261+32.78 - 261+74.81	RT		23.4	0.01	0.1	2.9		1.1	
263+14.89 - 263+55.22	RT		22.4	0.01	0.1	2.8	40.3	1.1	
263+55.22 - 271+35.37	RT		693.5	0.22	1.0	87.4	780.2	20.9	
274+85.04 - 284+12.09	RT		824.0	0.26	1.2	103.8	927.1	24.8	921
308+21 - 311+00	RT		248.0	0.08	0.4	31.2	279.0	7.5	
311+00 - 315+77.70	RT		159.2	0.01	0.2	20.1	477.7		
315+77.70 - 317+38.06	RT		98.0	0.03	1.4	12.3	124.8		
317+38.06 - 335+72.87	RT		1630.9	0.51	2.4	205.5	1746.1		
317+38 - 318+21.47	LT		18.5	0.01	0.1	2.3	83.5	2.2	
318+21.47 - 319+78.89	LT		70.0	0.02	0.1	8.8	157.4	4.2	
319+78.89 - 322+33.61	LT		169.8	0.05	0.3	21.4	245.1	6.8	
322+96.26 - 327+23.96	LT		285.1	0.09	0.4	35.9	421.6	11.4	
329+10.59 - 341+71.65	LT		840.7	0.26	1.3	105.9	1183.1		
343+68.94 - 356+00	LT		820.7	0.26	1.2	103.3	1231.1	33.3	
343+68.94 - 349+39.46	RT		507.1	0.16	0.8	63.9	570.5	15.3	
350+77.84 - 382+66.91	RT		2834.7	0.89	4.3	357.2	2378.5	85.3	
356+52.48 - 377+42.23	LT		1393.2	0.44	2.1	175.5	2089.8	56.3	
377+42.23 - 377+81.98	LT		22.1	0.01	0.1	2.8		1.1	
377+81.98 - 382+59.88	LT		212.4	0.07	0.3	26.8		12.7	
383+85.73 - 413+34.72	LT		1966.0	0.62	2.9	247.7	2902.9	79.5	
384+91.26 - 423+76.30	RT		3453.4	1.08	5.2	435.1	3818.7	103.9	
413+79.82 - 453+79.92	LT		2666.7	0.83	4.0	336.0	3986.4	107.7	
445+63.30 - 453+79.92	RT		725.9	0.23	1.1	91.5	705.2	21.8	
455+61.02 - 490+96.92	LT		2357.3	0.74	3.5	297.0	3530.8	94.5	
458+03.11 - 469+34.42	RT		1005.6	0.31	1.5	126.7	1131.3	30.2	
470+24.12 - 490+96.92	RT		1842.5	0.58	2.8	232.2	1143.9	55.4	
490+96.92 - 493+62.02	RT	176.7		0.06	0.3	16.5		2.3	
490+96.92 - 493+62.02	LT	147.3		0.05	0.2	19.8		7.1	
493+62.02 - 496+49.78	LT	127.9		0.04	0.2	14.3		7.7	
SUB-TOTALS		451.9	32026.8	10.16	50.2	4085.6	34673.6	962.6	921

MANLINE SHOULDER RESURFACING									
STATION TO STATION	LOCATION	HMA SURFACE REMOVAL, 2"	HMA SURFACE REMOVAL, 2 1/4"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HMA SHOULDERS	SHOULDER RUMBLE STRIPS, 16 INCH	AGGREGATE SHOULDER WEDGE, TYPE B	HMA SHOULDER CURB
		SQ YD	SQ YD	TON	TON	TON	FOOT	TON	FOOT
493+62.02 - 496+01.92	RT	106.6		0.03	0.2	11.9			
497+63.87 - 497+90.21	RT	23.4		0.01	0.1	2.6	9.1		
497+40.79 - 497+90.27	LT	28.0		0.01	0.1	3.1		1.4	
497+90.27 - 506+11.29	LT		547.3	0.17	0.8	46.0	821.1	22.3	
497+90.21 - 551+59.75	RT		4772.9	1.49	7.1	601.4	4837.3	117.5	
506+52.76 - 547+37.41	LT		2723.1	0.85	4.1	343.1	4084.8	109.6	
547+37.41 - 547+85.06	LT		26.5	0.01	0.1	3.3		1.3	
547+85.06 - 552+76.03	LT		218.2	0.07	0.3	27.5		13.1	
553+26.32 - 569+50.15	RT		1443.4	0.45	2.2	181.9	1626.8	43.4	
553+36.31 - 578+31.23	LT		1663.3	0.52	2.5	209.6	2464.0	66.7	
572+82.24 - 578+11.23	RT		470.2	0.15	0.7	59.2	529.0	14.1	
580+33.44 - 587+07.91	RT		599.5	0.19	0.9	75.5	674.5	18.0	
580+53.53 - 600+35.29	LT		1321.2	0.41	2.0	166.5	1981.8	53.0	
590+24.80 - 600+54.80	RT		915.6	0.29	1.4	115.4	316.5	27.5	
602+61.65 - 631+89.72	LT		1952.0	0.61	2.9	246.0	2928.1	78.3	
602+77.89 - 624+07.41	RT		1892.9	0.59	2.8	238.5	1810.9	56.9	210
627+41.07 - 631+89.72	RT		398.8	0.12	0.6	50.2	448.7	12.0	
637+20.08 - 641+31.28	RT		365.5	0.11	0.5	46.1	411.2	11.0	
637+20.08 - 651+50	LT		953.3	0.30	1.4	120.1	1429.9	38.2	
645+18.43 - 651+50	RT		561.4	0.18	0.8	70.7		16.9	
SUB-TOTALS		158.0	20825.1	6.56	31.5	2618.6	24373.7	701.2	210.0
SUB-TOTALS FROM PAGE 1		451.9	32026.8	10.16	50.2	4085.6	34673.6	962.6	921
TOTALS		609.9	52851.9	16.72	81.7	6704.2	59047.3	1663.8	1131.0

DELINEATORS							
LOCATION	SINGLE	DOUBLE	TRIPLE	LOCATION	SINGLE	DOUBLE	TRIPLE
	EACH	EACH	EACH		EACH	EACH	EACH
124+14 - 137+89.02	4			IL 15/13 BASELINE B			
139+31.48 - 159+09.05	4			329+62.56 - 331+39.65	1		1
228+55.36 - 229+40.88	1			335+21.07 - 347+81.42	3	1	
235+05.60 - 244+12.88	3			350+64.32 - 355+72.97	2		
284+12.09 - 290+00	1			IL 15/13 RAMP 3			
293+00 - 300+00	2			RT 3+00 - 3+04.26		1	
310+88.50 - 318+00	2			LT 3+04.26 - 10+67.50	8		
324+00 - 335+73	4			IL 15/13 RAMP 2			
348+00 - 363+18.16	1	1	1	LT 1+67.14 - 3+35.46	2		
373+00 - 382+49.10	2			RT 3+35.46 - 9+86.91	6		
384+91.26 - 405+58.27	5		1	LT 9+86.91 - 11+00	1		
410+38.45 - 422+00	3	1		RT 11+00 - 15+00		4	
432+00 - 445+63.30	3			FRANK SCOTT EXIT RAMP			
445+63.30 - 452+68.53	2			RT 0+00 - 5+34.24		4	
458+03.11 - 469+34.42	3			RT 2+90L85 - 5+34.24			
479+78 - 490+96.92	3			LT 5+34.24 - 13+34.15	8		
490+96.92 - 496+01.92	1			RT 13+34.15 - 14+75	1		
497+90.21 - 542+26.32	11	1	1	FRANK SCOTT ENTR RAMP			
544+00 - 548+00	1			RT 0+97.71 - 6+48.38	6		
553+26.01 - 562+48.80	2			LT 6+48.38 - 11+00	4		
565+73.86 - 569+50.15	1			RT 11+00 - 21+18.80		11	
572+82.24 - 576+10.72	1			IL 158 EXIT RAMP			
580+33.44 - 587+07.91	2			RT 0+00 - 7+26.85	4	3	
609+51.63 - 620+88.76	2			IL 158 ENTRANCE RAMP			
637+20.08 - 641+31.28	2			RT 1+75.39 - 19+56	7	11	
IL 157 EXIST RAMP				IL 159 EXIT RAMP			
RT 1+36.78 - 6+26.68		5		RT 0+00 - 6+46.24		7	
LT 6+26.68 - 8+52.79	3			LT 6+46.24 - 10+02.56	4		
RT 8+52.79 - 12+00	4			RT 10+02.56 - 16+00		6	
IL 157 ENTRANCE RAMP				IL 159 ENTRANCE RAMP			
RT 1+00 - 8+41.56	8			RT 0+72.94 - 1+83.87	1		
LT 8+41.56 - 10+13.46		2		LT 1+83.87 - 4+82.85	3		
RT 10+13.46 - 11+46.24		2		RT 4+82.85 - 15+05.83		11	
RT 15+00 - 27+00		12					
SUB-TOTALS	81	24	3	SUB-TOTALS	61	59	1
TOTALS				TOTALS	229		

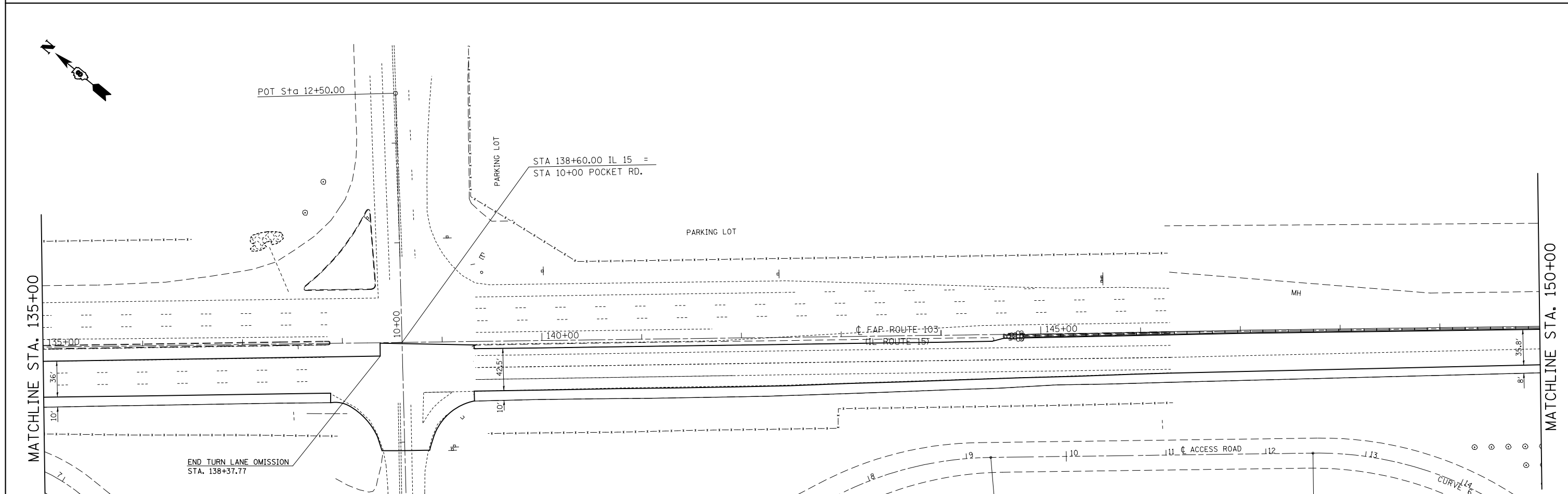
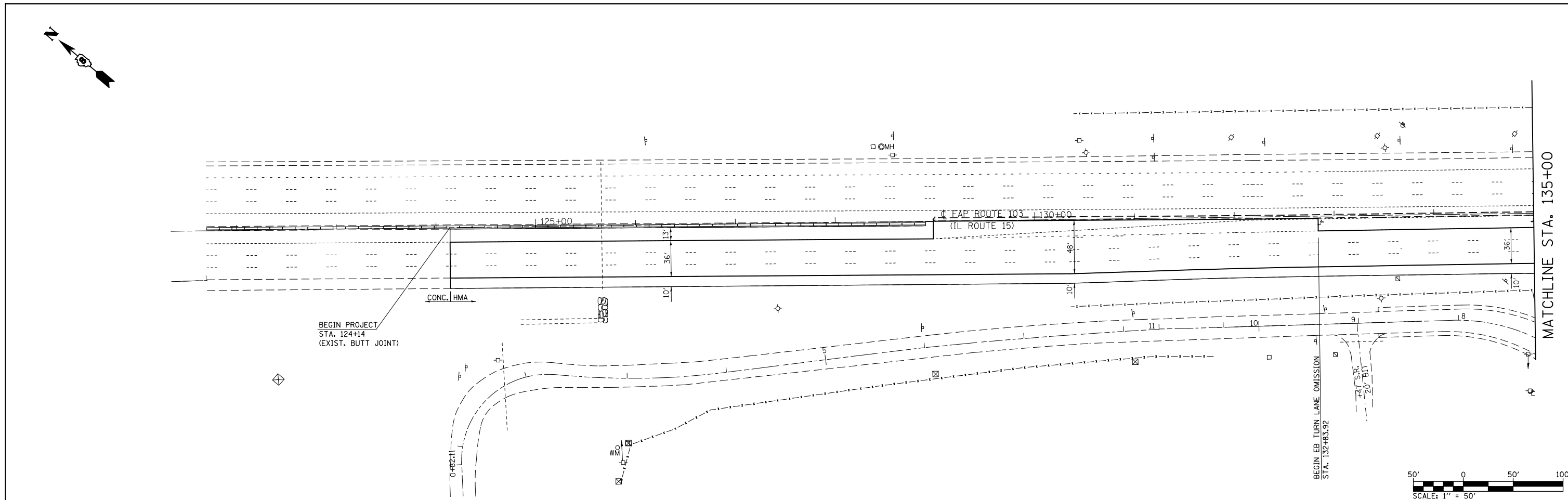
SIDEROAD & RAMP SHOULDER RESURFACING									
STATION TO STATION	LOCATION	PCC SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL, 2"	HMA SURFACE REMOVAL, 2 1/4"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HMA SHOULDERS	SHOULDER RUMBLE STRIPS, 16 INCH FOOT	AGGREGATE SHOULDER WEDGE, TYPE B
		SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON
POCKET ROAD	RT								2.0
POCKET ROAD	LT								1.9
IL 157 EXIT RAMP	RT			945.1	0.30	1.4	119.1		28.4
IL 157 EXIT RAMP	LT			254.8	0.08	0.4	32.1		15.3
GORE				55.1	0.02	0.1	6.9		
IL 157 ENTRANCE RAMP	LT			422.6	0.13	0.6	52.3		27.0
IL 157 ENTRANCE RAMP	RT			899.3	0.28	1.3	113.3		25.4
GORE				168.9	0.05	0.3	21.3		
IL 13/15 LINE B GORE				61.4	0.02	0.1	7.7		
LINE B 327+00 - 332+49.94	LT			366.6	0.06	0.5	46.2	549.9	14.7
LINE B 329+62.56 - 332+49.94	RT			191.6	0.06	0.3	24.1	287.4	7.7
LINE B 334+78.79 - 339+88.48	LT			226.5	0.07	0.3	28.5	509.7	14.6
LINE B 340+42.69 - 348+70.06	LT			367.7	0.12	0.6	46.3	827.4	23.2
LINE B 335+21.07 - 348+70.06	RT			899.3	0.28	1.3	113.3	1349.0	36.1
LINE B 350+64.32 - 355+72.97	LT			226.1	0.07	0.3	28.5	508.7	13.6
LINE B 350+64.32 - 355+72.97	RT			339.1	0.11	0.5	42.7	508.7	13.6
RAMP 3 3+04.26 - 16+62	RT			1029.7	0.19	0.9	129.7		36.3
RAMP 3 3+04.26 - 10+87.97	LT			339.2	0.24	1.1	42.7		20.4
RAMP 2 1+67.14 - 12+03.79	RT			691.1	0.22	1.0	87.1		27.7
RAMP 2 1+67.14 - 10+67.65	LT			400.2	0.13	0.6	50.4		24.1
FRANK SCOTT EXIT RAMP	RT			722.7	0.23	1.1	91.1		29.0
FRANK SCOTT EXIT RAMP	LT			418.1	0.13	0.6	52.7		25.1
GORE				158.7	0.05	0.2	20.0		
ALLSUP DRIVE MEDIAN				270.0	0.08	0.4	34.0		
FRANK SCOTT ENTRANCE RAMP	RT			953.9	0.30	1.4	120.2		28.7
FRANK SCOTT ENTRANCE RAMP	LT			438.1	0.14	0.7	55.2		26.4
GORE				86.5	0.03	0.1	10.9		
11TH STREET	RT			28.8	0.01	0.1	3.6		3.4
11TH STREET	LT			58.9	0.02	0.1	7.4		
IL 158 EXIT RAMP	RT			484.6	0.15	0.7	61.1		19.4
IL 158 EXIT RAMP	LT			178.3	0.06	0.3	22.5		10.7
GORE				138.8	0.04	0.2	17.5		
IL 158 ENTRANCE RAMP	LT			334.3	0.10	0.5	42.1		20.1
IL 158 ENTRANCE RAMP	RT			948.4	0.30	1.4	119.5		28.5
GORE				197.5	0.06	0.3	24.9		
IL 159 EXIT RAMP	LT			446.8	0.14	0.7	56.3		27.3
IL 159 EXIT RAMP	RT			1259.9	0.40	1.9	158.7		37.9
GORE				378.7	0.12	0.6	47.7		
IL 159 ENTRANCE RAMP	LT	72.6			0.08	0.4	35.8		13.1
IL 159 ENTRANCE RAMP	RT	44.7		342.4	0.23	1.2	100.7		24.4
GORE				244.8	0.08	0.4	30.8		
TOTALS		117.3		15974.5	5.18	24.9	2104.9	4540.8	626.0

UNDERDRAINS				
UNDERDRAIN STATION	# OF HEADWALLS (INFORMATION ONLY)		PAINT PAVEMENT MARKING - LETTERS & SYMBOLS	
	SQ FT		SQ FT	
	INSIDE	OUTSIDE	INSIDE	OUTSIDE
124+14 - 140+00		3		6
140+00 - 315+00		4		8
315+00 - 360+00	9	9	18	18
360+00 - 385+00	5	5	10	10
385+00 - 414+00	6	6	12	12
414+00 - 433+00	4	4	8	8
433+00 - 473+00	8	8	16	16
473+00 - 506+00	4	4	8	8
506+00 - 555+00	9	9	18	18
555+00 - 581+00	5	5	10	10
581+00 - 604+00	5	5	10	10
604+00 - 651+50	10	10	20	20
RAMP 2 @ IL 13	2	2	4	4
RAMP 3 @ IL 13	2	2	4	4
EB EXIT @ FRANK SCOTT	3	3	6	6
EB ENTR. @ FRANK SCOTT	3	3	6	6
EB EXIT @ IL 158	2	2	4	4
EB ENTR. @ IL 158	2	2	4	4
EB EXIT @ IL 159	2	2	4	4
EB ENTR. @ IL 159	2	2	4	4
SUBTOTALS	83	90	166	180
TOTALS			346	

STATION TO STATION	PAVEMENT MARKING																			
	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"						PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4" (FOR BRIDGES)			PERFORMED PLASTIC PAV'T MARK, TYPE B - INLAID - LINE 8"			PERFORMED PLASTIC PAV'T MARK, TYPE B INLAID - LINE 12"	PERFORMED PLASTIC PAV'T MARK, TYPE B INLAID - LINE 24"	PERFORMED PLASTIC TYPE B - INLAID - LETTERS & SYMBOLS	RRPM REMOVAL	RRPM		RRPM (BRIDGE)	
	WHITE EDGE LINE	WHITE SKIP-DASH	YELLOW EDGE LINE	WHITE TURN LANE	YELLOW DOUBLE FOOT	WHITE DASHED FOOT	WHITE EDGE LINE	WHITE SKIP-DASH FOOT	YELLOW EDGE LINE FOOT	GORE AREAS/ISLANDS FOOT	WHITE SOLID	WHITE DASHED	WHITE CHEVRONS	WHITE STOP BARS	WHITE LT TURN FOOT	WHITE RT TURN FOOT		ONE-WAY CRYSTAL	TWO-WAY AMBER	ONE-WAY CRYSTAL
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH
124+14 - 150+00	2443.5	1040	1936.7	565.3		80								36	15.6	66	66			
150+00 - 227+00	916.6	320	1246.3													15	15			
227+00 - 242+00	1102.3	310	1269.0				191.6	60	231							25	22		3	
242+00 - 271+00	2264.8	710	2816.9	512.0							294.0		60	46.8	46.8	49	49			
271+00 - 300+00	962.5	610	2484.2				349.7	100	415.9		1343.5					37	32		5	
300+00 - 314+00	579.0	350	1400.0							200.2						17	17			
314+00 - 328+00	1400.0	350	1245.8													18	18			
328+00 - 342+00	727.3	350	1136.6													21	21			
342+00 - 356+00	531.1	310	1231.0													16	16			
356+00 - 385+00	2592.7	700	2819.4	282.4									59	62.4		41	41			
385+00 - 415+00	3000.0	750	3000.0													38	38			
415+00 - 444+00	876.3	860	2900.0	325.8												43	43			
444+00 - 456+00	816.6	260	1018.9													13	13			
456+00 - 471+00	1031.5	380	1500.0													25	25			
471+00 - 501+00	1961.8	710	2923.1	523.5		154							36	62.4	62.4	50	50			
501+00 - 530+00	2900.0	730	2900.0													36	36			
530+00 - 560+00	2833.8	720	2950.5	321.6									36	46.8	46.8	51	51			
560+00 - 585+00	1898.6	560	2277.7													34	34			
585+00 - 614+00	1645.8	680	2673.7													33	33			
614+00 - 628+50	748.0	360	1450.0													29	29			
628+50 - 641+00	701.6	180	719.6													10	10			
641+00 - 651+50		260	1050.0													13	13			
POCKET ROAD	185.7			45.6	95.6					104.3			24	15.6		4	2	2		
IL 157 EXIT	1262.8									411.1		53.7	35			34	34			
IL 157 ENTRANCE	1531.1									785.4										
DEMAZENOD DRIVE	266.6												41							
IL 13/15 LINE B	2093.3	600								334.9						34	34			
IL 13/15 RAMP 3	1357.7									542.5										
IL 13/15 RAMP 2	1524.4									429.9										
74TH STREET	311.0			78.7						104.1		33.6	45	31.2		5	3	2		
FRANK SCOTT EXIT	1184.0									585.5		99.3				29	29			
FRANK SCOTT ENTR	2021.1									672.2										
11TH STREET	192.1				149.0					115.8			12			3		3		
IL 158 EXIT	726.9									364.5		77.0				25	25			
IL 158 ENTRANCE	1724.6									970.2										
IL 159 EXIT	1741.4									766.8		170.9				48	48			
IL 159 ENTRANCE	1516.6									942.3										
SUB-TOTALS	49573.1	12100	42949.4	2654.9	244.6	234	541.3	160	646.9	6903.8	1543.7	294	384	280.8	156		847	7		
TOTALS			107756.0					1348.2			8967.2		434.5	384	436.8	862	854		8	

CLASS B PAVEMENT PATCHING 16 INCH SCHEDULE											
LOCATION	LANE	LENGTH	LANE WIDTH	CLASS B PATCH TYPE I	CLASS B PATCH TYPE II	CLASS B PATCH TYPE III	CLASS B PATCH TYPE IV	DOWEL BARS 1 1/2 Inch	TIE BARS	PAVEMENT FABRIC	SAWCUT
		(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(EACH)	(EACH)	(SQ YD)	(FT)
IL 15 EB	INSIDE	6.0	12.0		8.0			20			48.0
IL 15 EB	OUTSIDE	8.0	12.0		10.7			20			52.0
IL 15 EB	MIDDLE	10.0	12.0		13.3			20			56.0
IL 15 EB	INSIDE	14.0	12.0			18.7		20		18.7	64.0
IL 15 EB	OUTSIDE	20.0	12.0				26.7	20	9	26.7	76.0
RAMP		6.0	14.0		9.3			24			54.0
RAMP		6.0	16.0		10.7			28			60.0
SHOULDER	INSIDE	6.0	6.0					20			30.0
SHOULDER	OUTSIDE	6.0	8.0					20			36.0
SHOULDER	OUTSIDE	6.0	10.0		6.7			20			42.0
SUBTOTAL:					58.7	18.7	26.7	212	9	45.3	518.0
ANTICIPATED FAILURES (15%):					8.8	2.8	4.0	32	2	6.8	77.7
TOTAL:					67	21	31	244	11	52	596

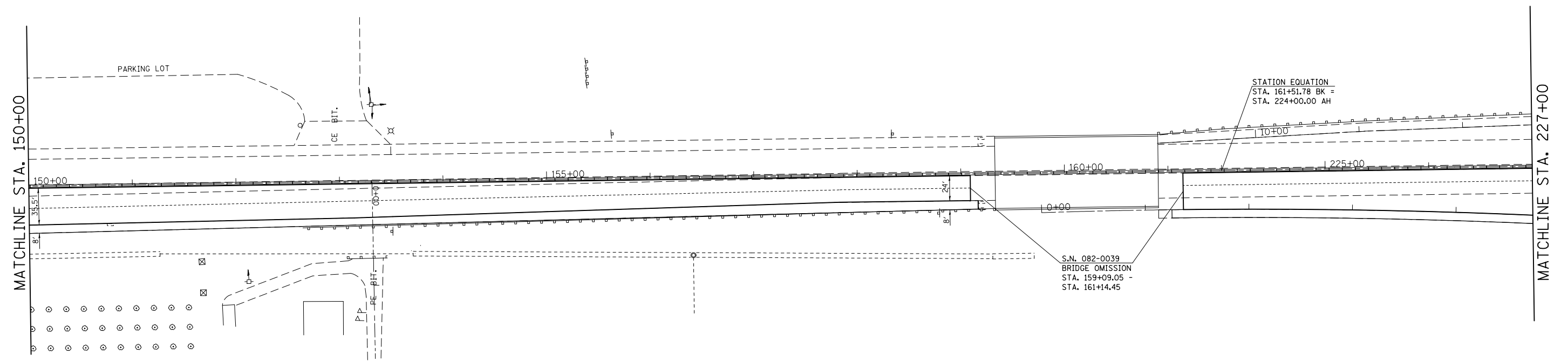
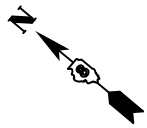
PATCHING CAN BE USED THROUGHOUT THE PROJECT LIMITS AS NEEDED AND AS DIRECTED BY THE RESIDENT ENGINEER.



FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\conoverpj\d0340733\d076g37-sht-plan.dgn		DRAWN -	REVISED -		103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	40			
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76G37							
	PLOT DATE = 10/18/2013	DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					

SCALE: 1" = 50'    SHEET NO. 1 OF 23 SHEETS    STA. 124+00 TO STA. 150+00





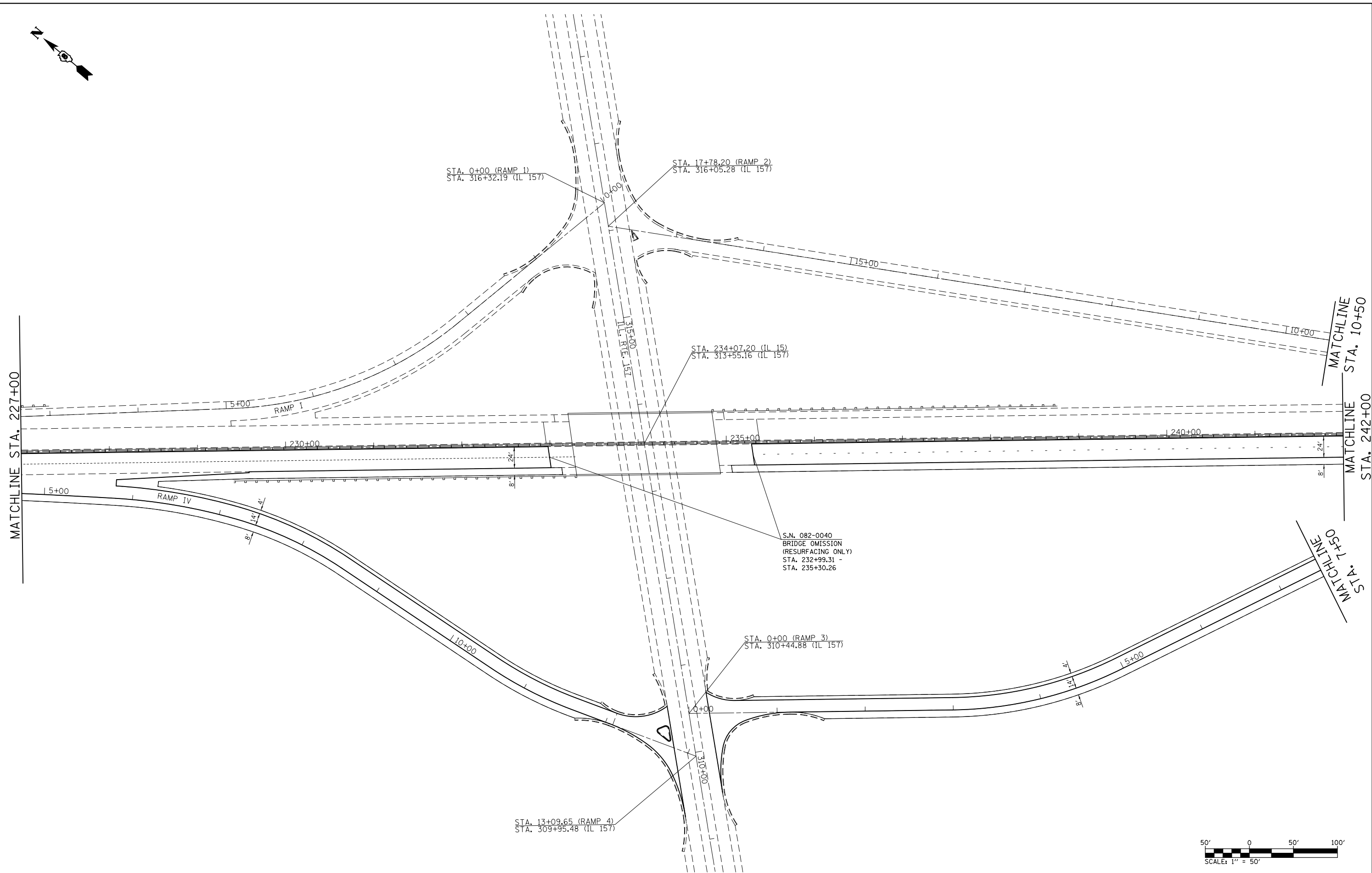
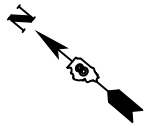
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

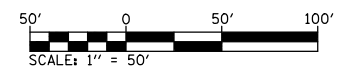
**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 2 OF 23 SHEETS    STA. 150+00 TO STA. 227+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	41
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



S.N. 082-0040  
BRIDGE OMISSION  
(RESURFACING ONLY)  
STA. 232+99.31 -  
STA. 235+30.26



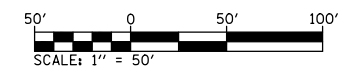
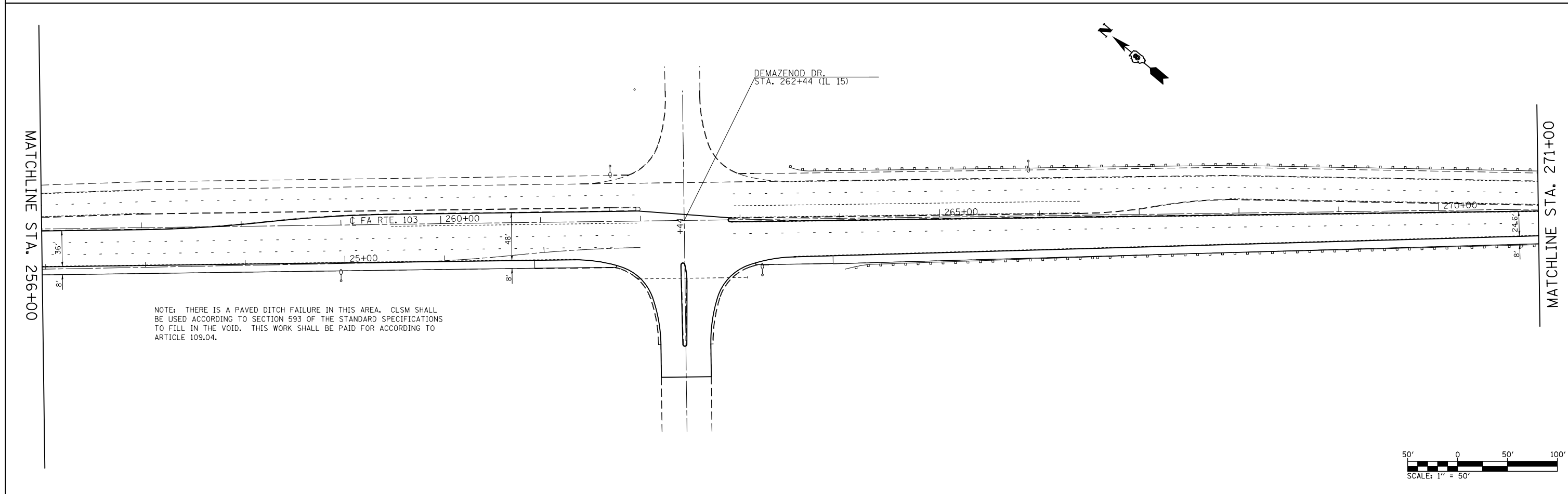
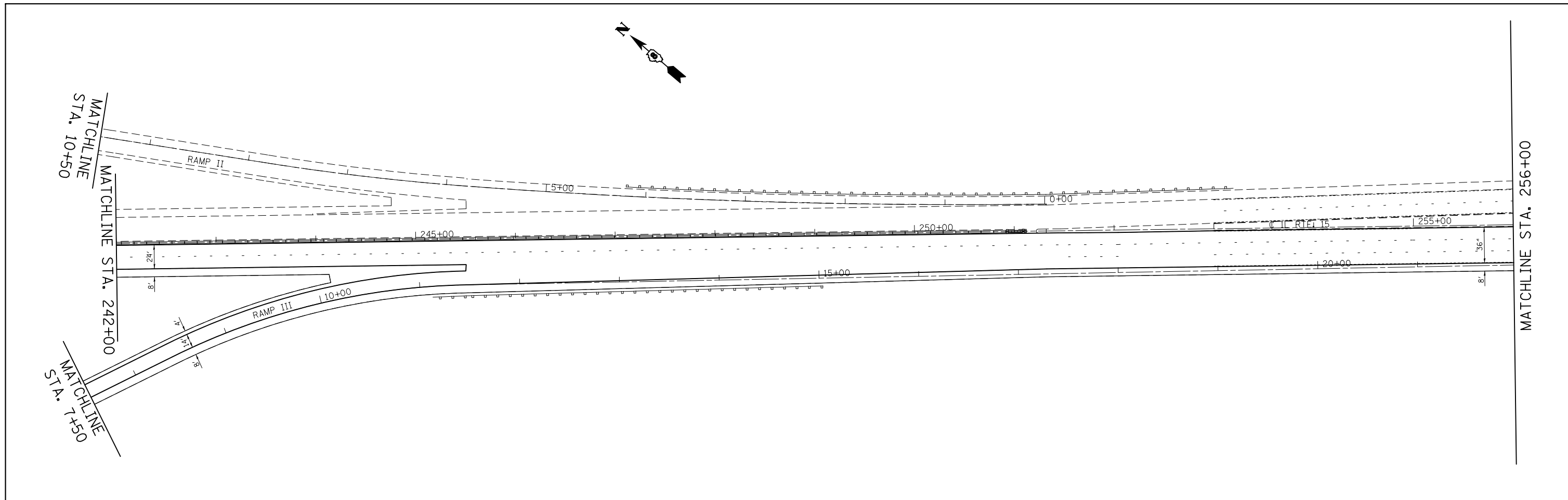
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

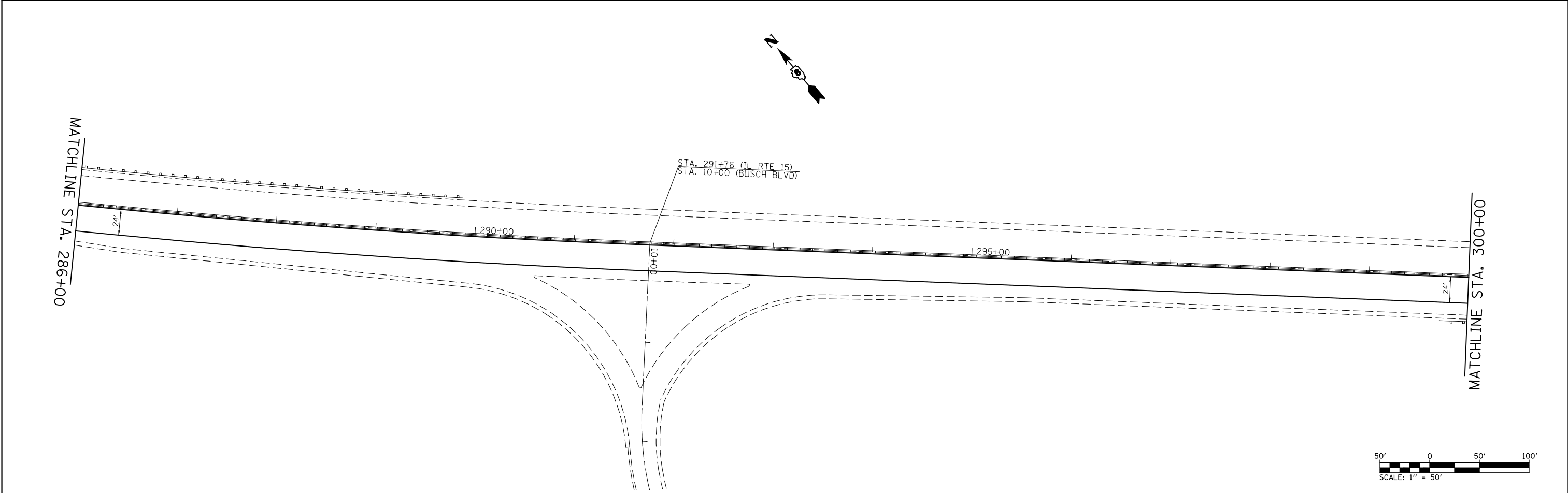
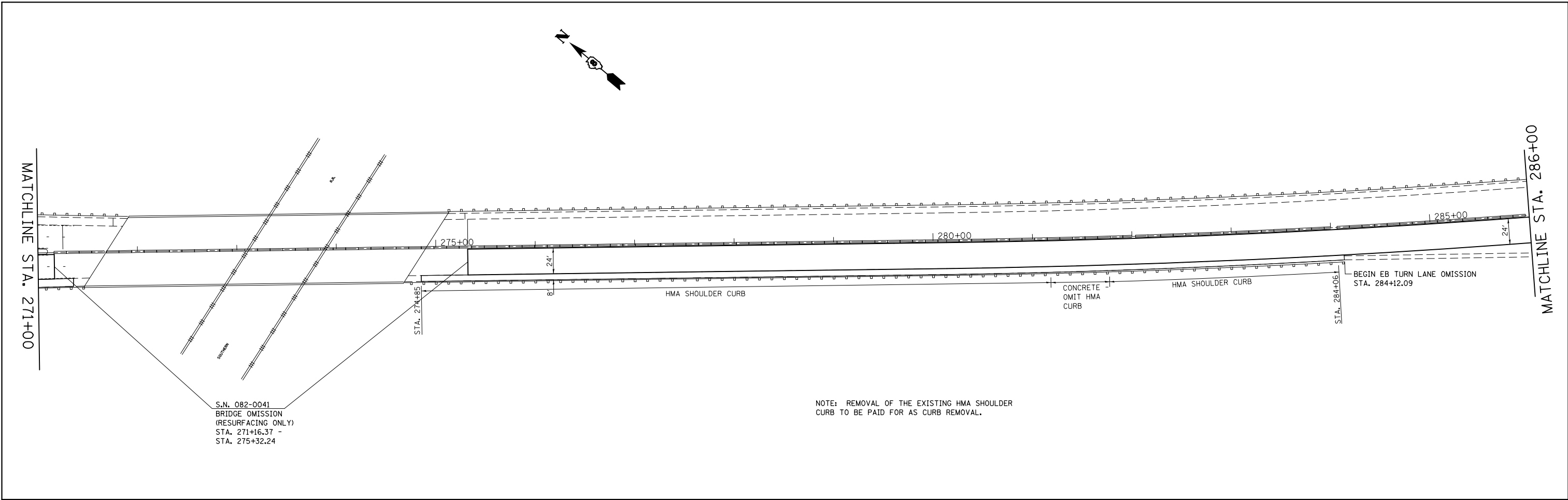
SCALE: 1" = 50'    SHEET NO. 3 OF 23 SHEETS    STA. 227+00 TO STA. 242+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	42
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				

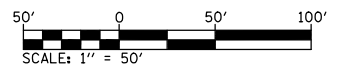
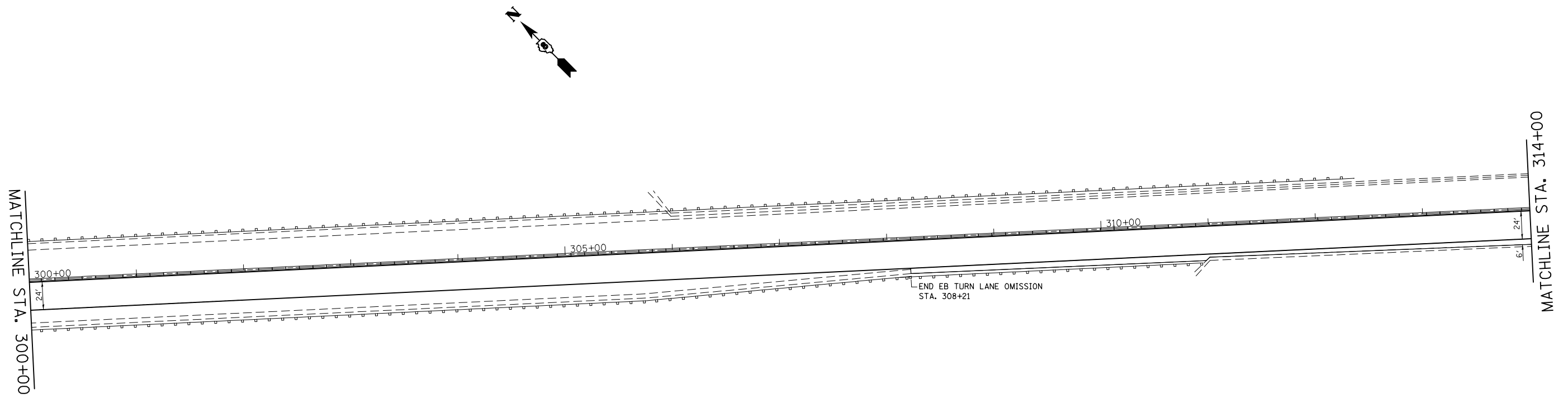


FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\midot\conoverpj\d0340733\d076g37-sht-plan.dgn		DRAWN -	REVISED -		103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	43			
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76G37							
	PLOT DATE = 10/18/2013	DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					

SCALE: 1" = 50'    SHEET NO. 4 OF 23 SHEETS    STA. 242+00 TO STA. 271+00



FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		SCALE: 1" = 50'    SHEET NO. 5 OF 23 SHEETS    STA. 271+00 TO STA. 300+00			103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	44
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 76G37				
	PLOT DATE = 10/18/2013	DATE -	REVISED -					FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				



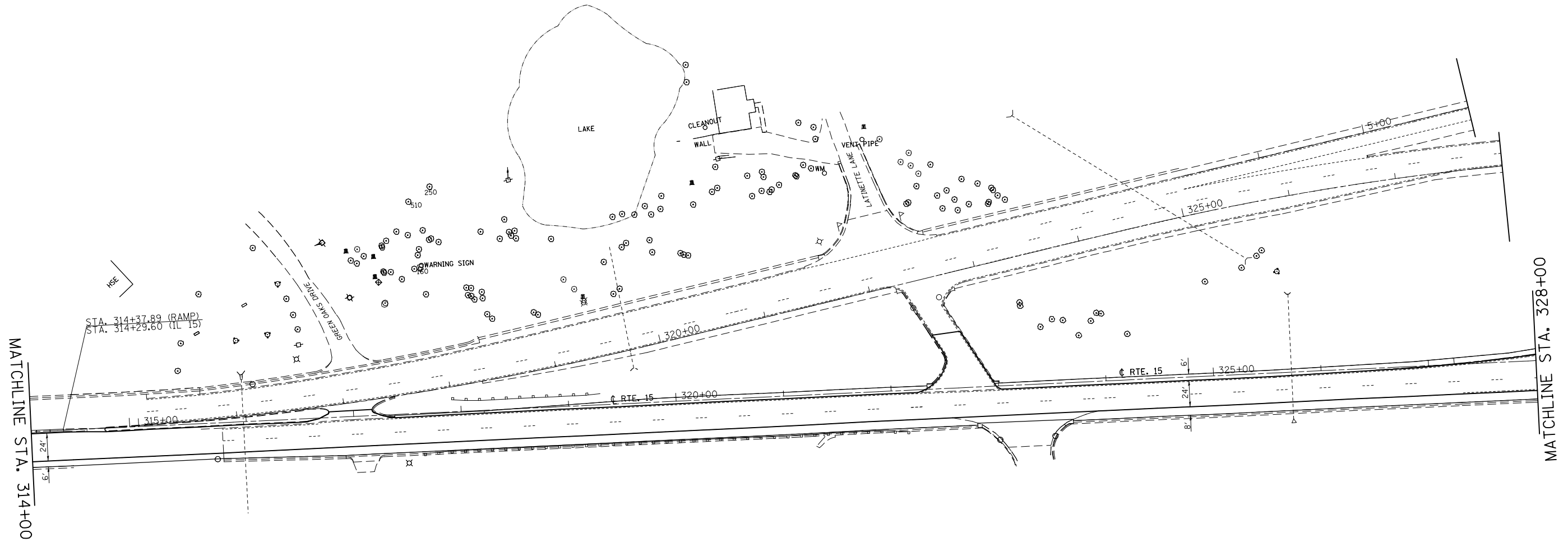
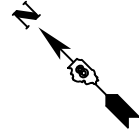
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 6 OF 23 SHEETS    STA. 300+00 TO STA. 314+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	45
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



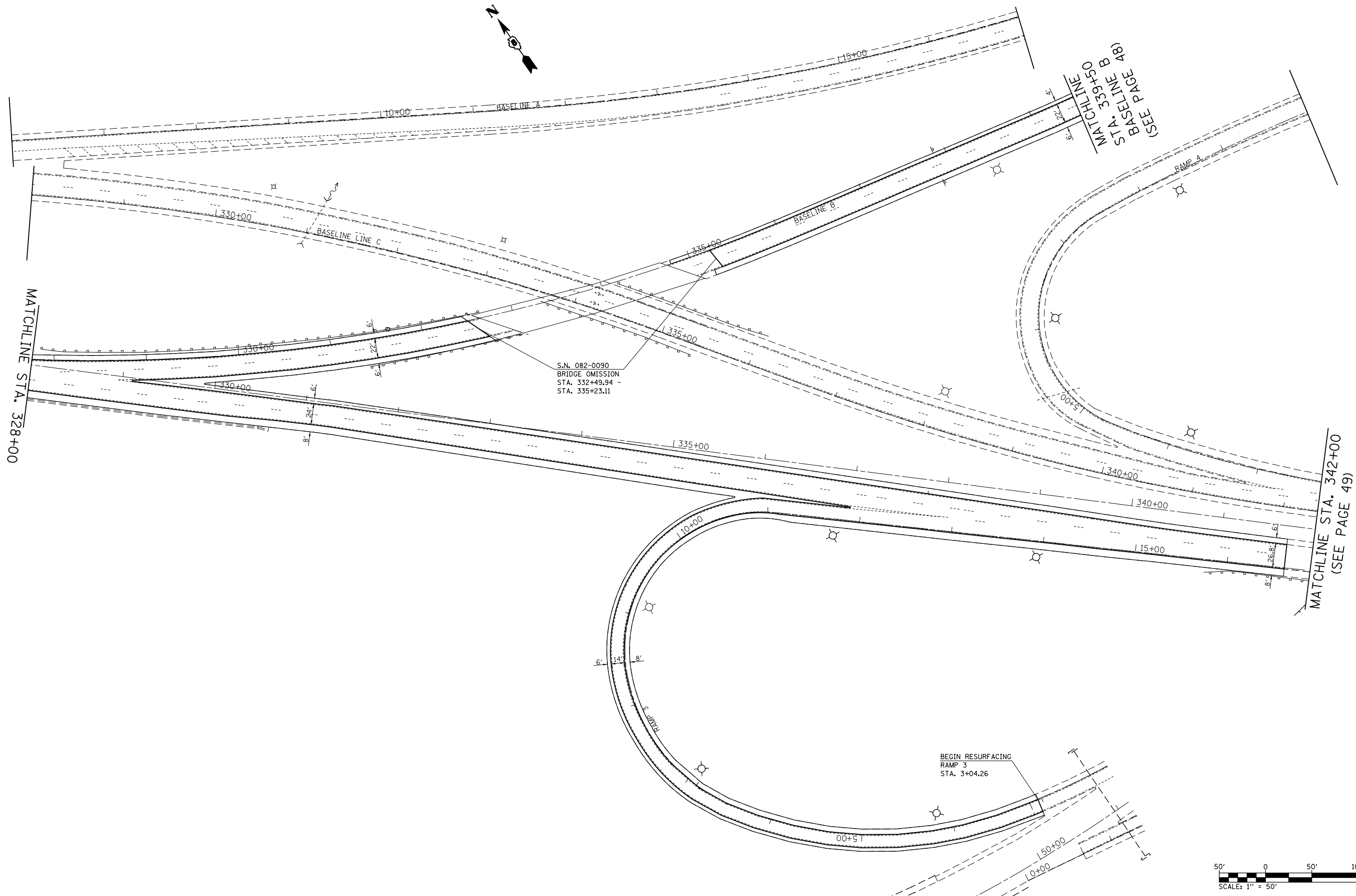
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

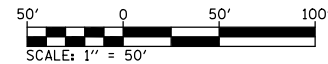
SCALE: 1" = 50'    SHEET NO. 7 OF 23 SHEETS    STA. 314+00 TO STA. 328+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	46
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



S.N. 082-0090  
 BRIDGE OMISSION  
 STA. 332+49.94 -  
 STA. 335+23.11

BEGIN RESURFACING  
 RAMP 3  
 STA. 3+04.26

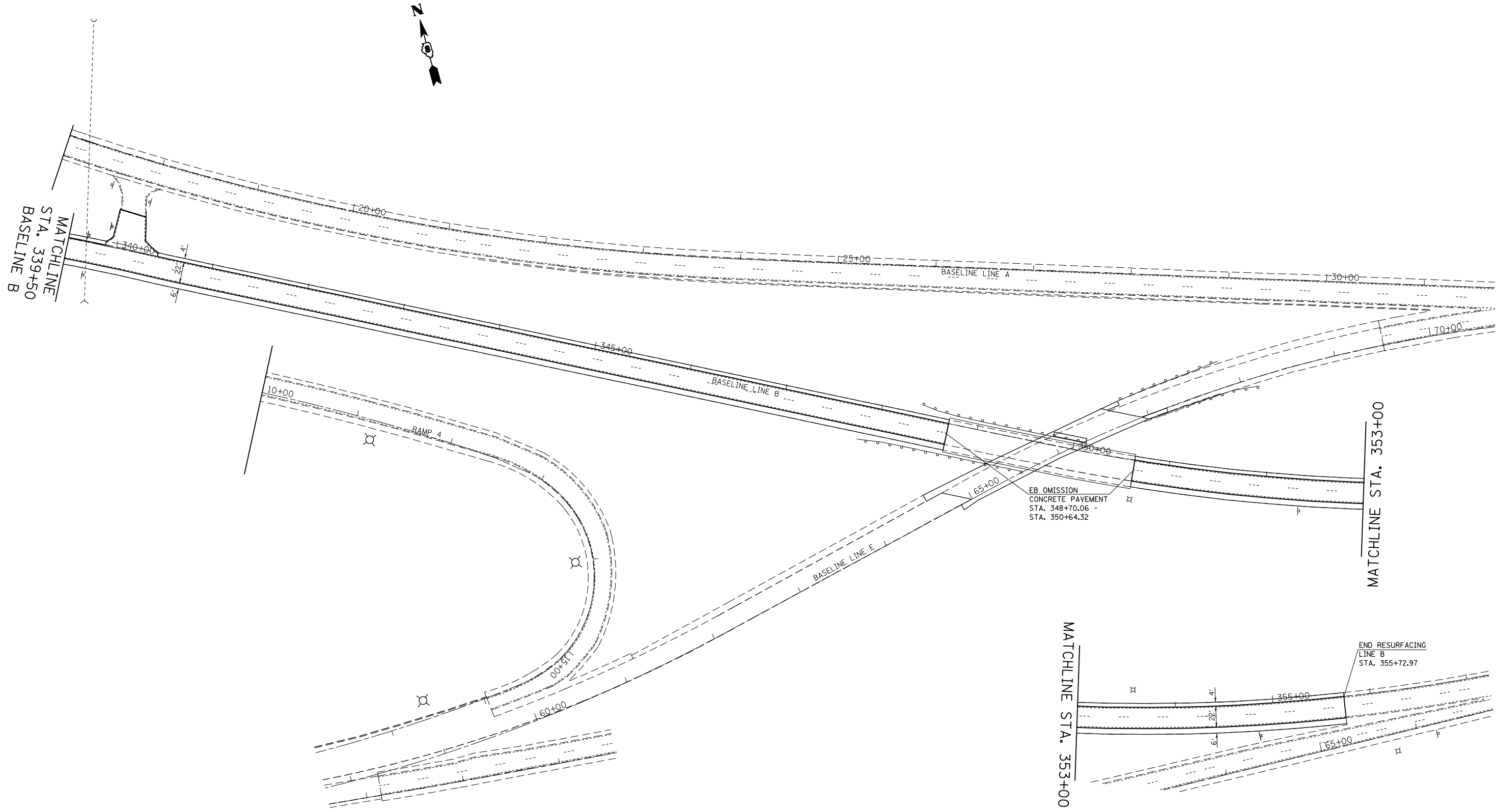


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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

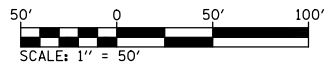
**PLAN SHEET**  
 SCALE: 1" = 50' SHEET NO. 8 OF 23 SHEETS STA. 328+00 TO STA. 342+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	47
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EB OMISSION  
CONCRETE PAVEMENT  
STA. 348+70.06 -  
STA. 350+64.32

END RESURFACING  
LINE B  
STA. 355+72.97



FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -
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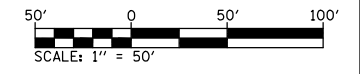
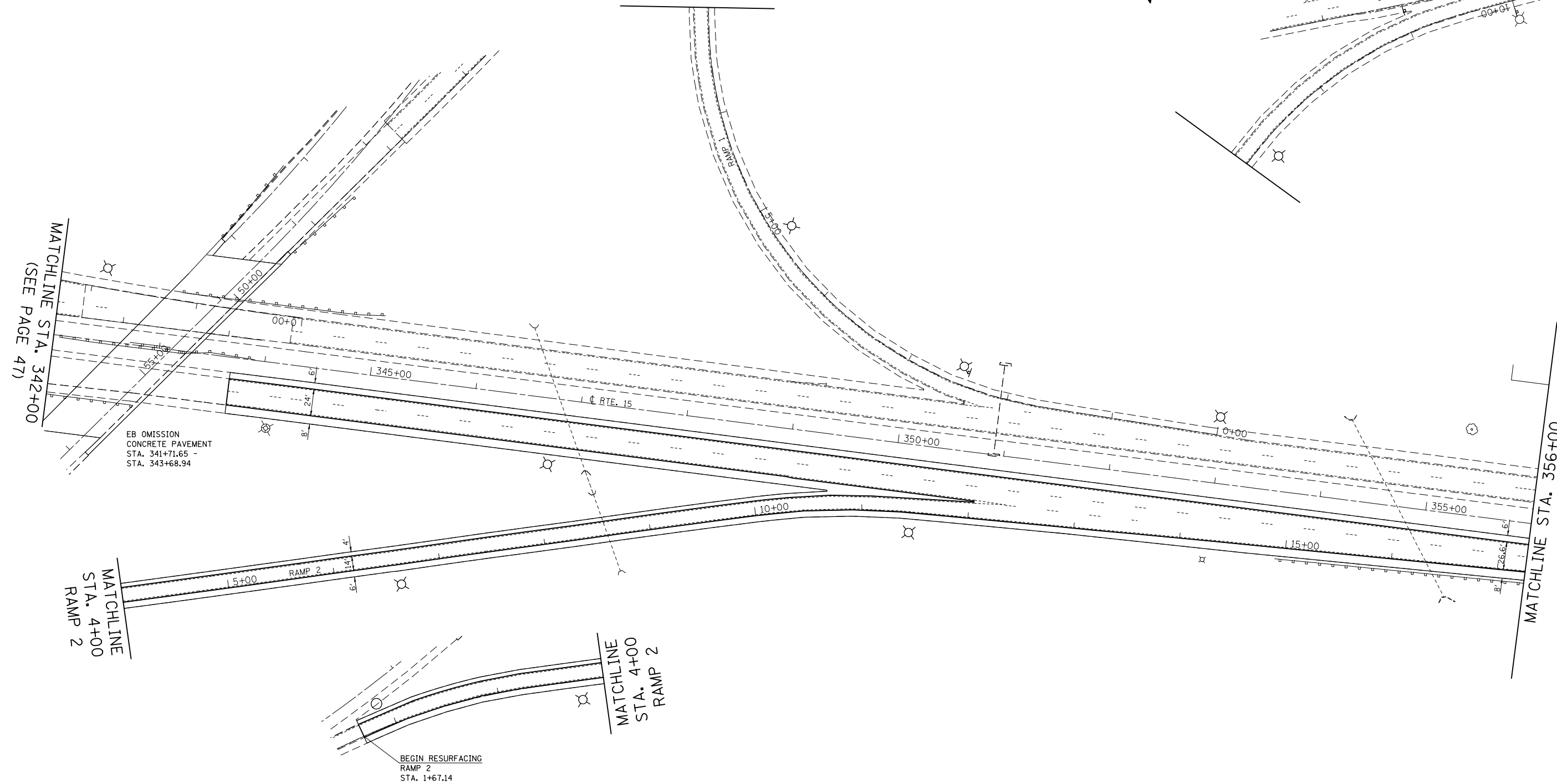
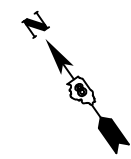
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 9 OF 23 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	48
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				



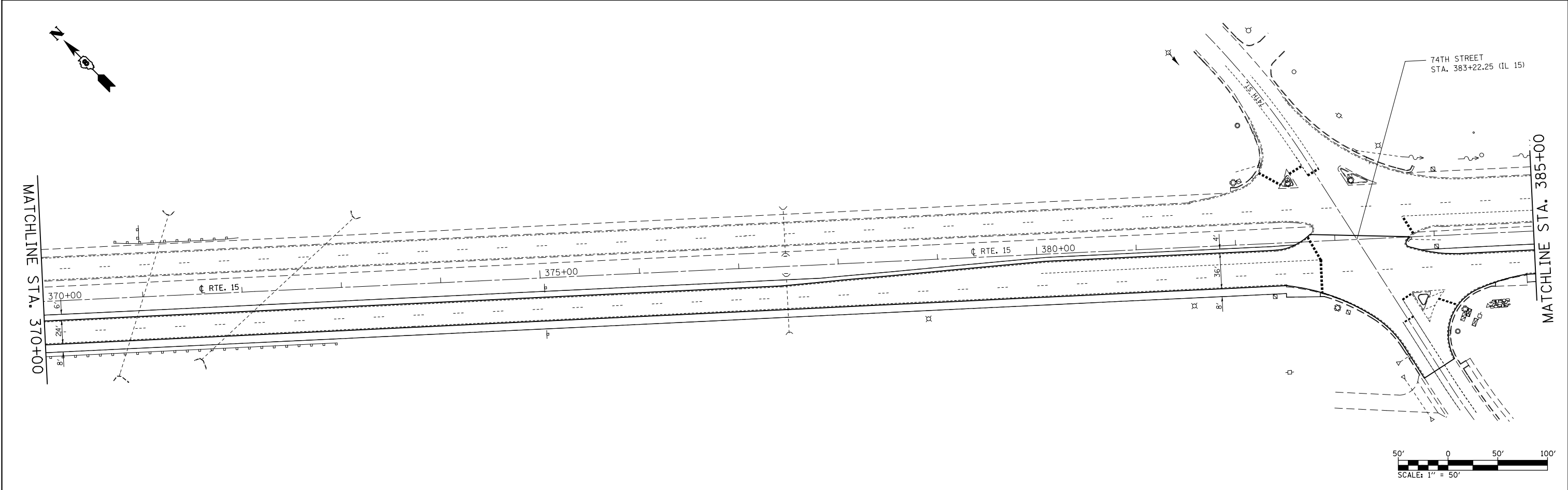
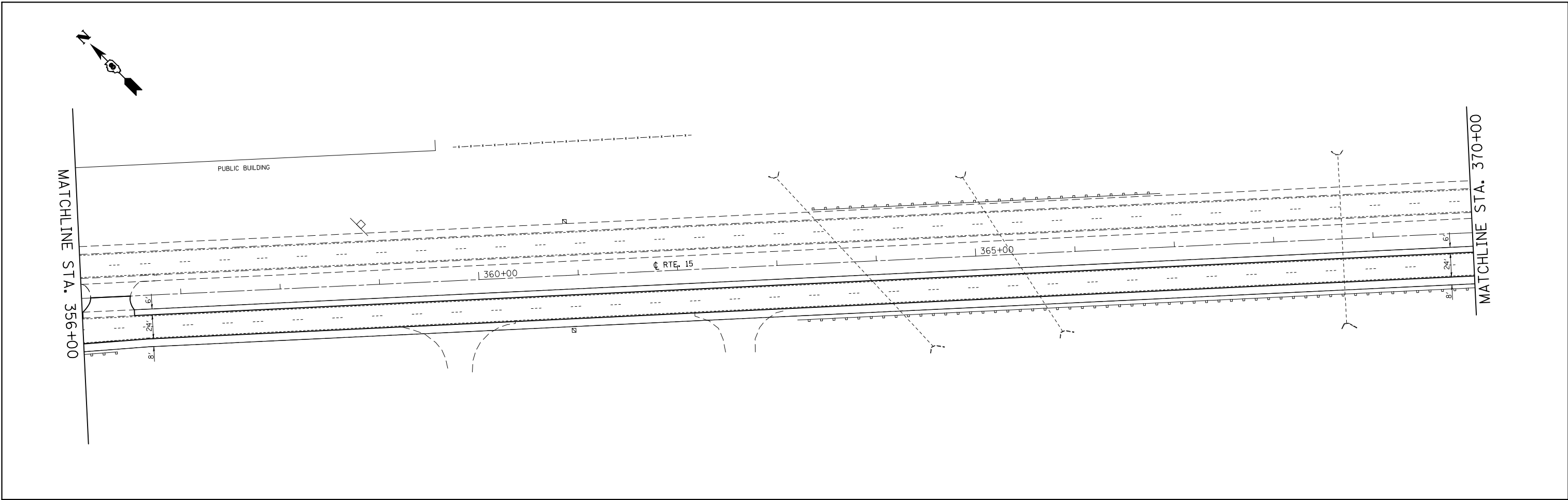


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	PLOT DATE = 10/18/2013	DATE -	REVISED -

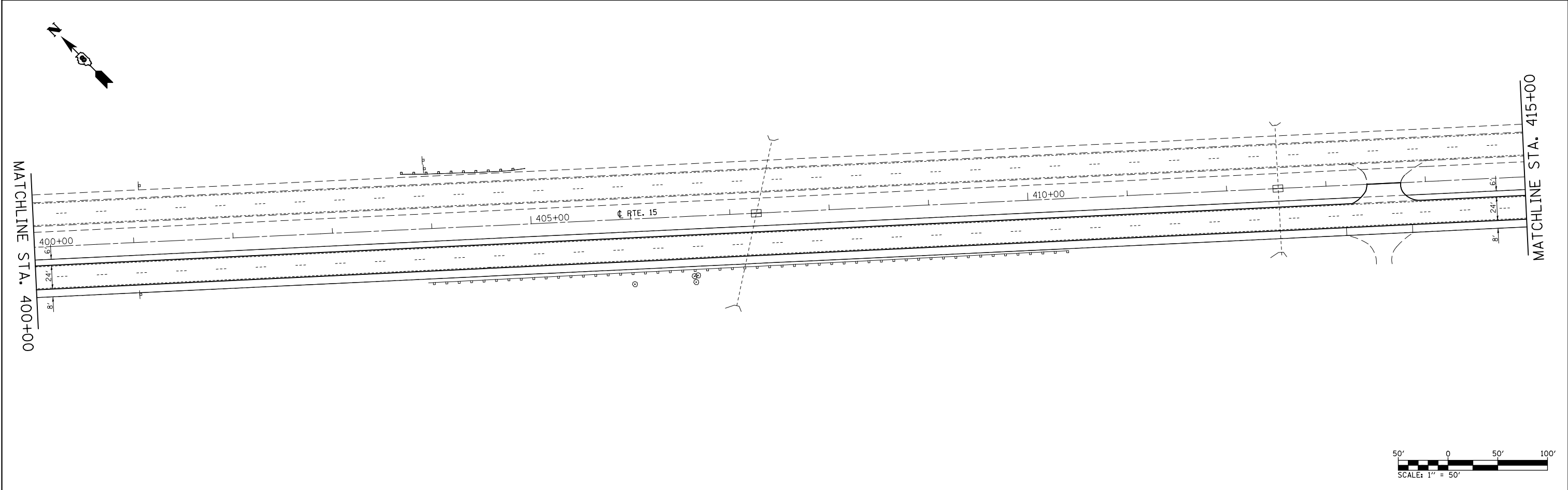
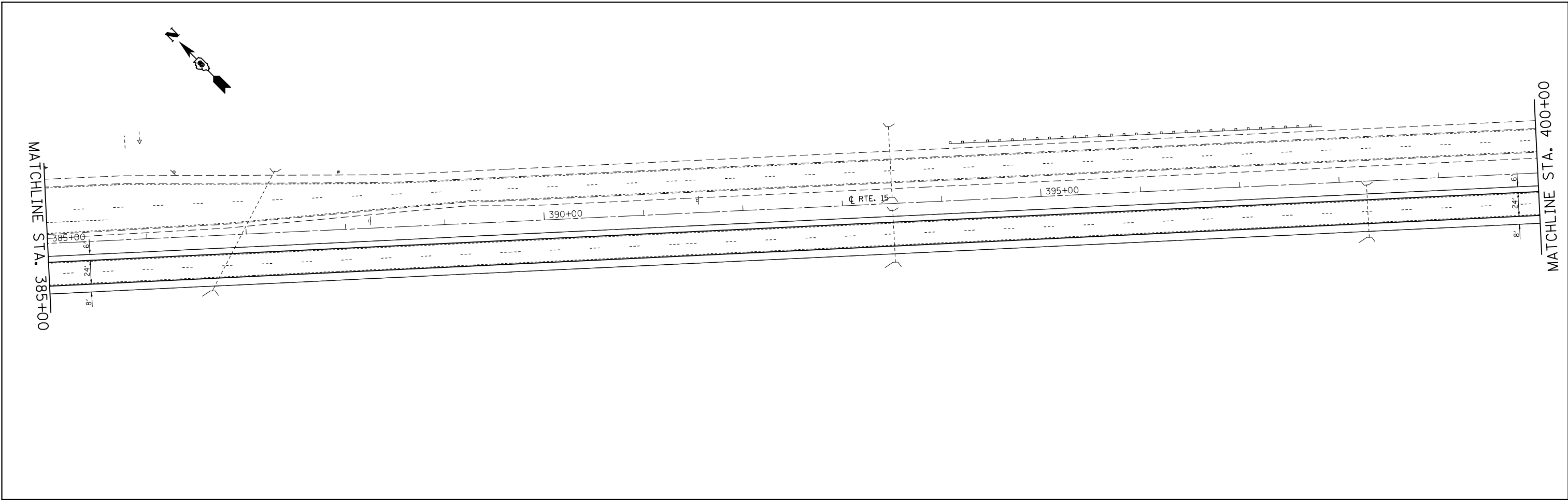
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET</b>		
SCALE: 1" = 50'	SHEET NO. 10 OF 23 SHEETS	STA. 342+00 TO STA. 356+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	49
CONTRACT NO. 76G37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 11 OF 23 SHEETS	STA. 356+00 TO STA. 385+00	CONTRACT NO. 76G37				
	PLOT DATE = 10/18/2013	CHECKED -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		DATE -	REVISED -									



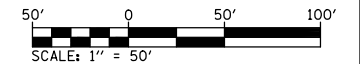
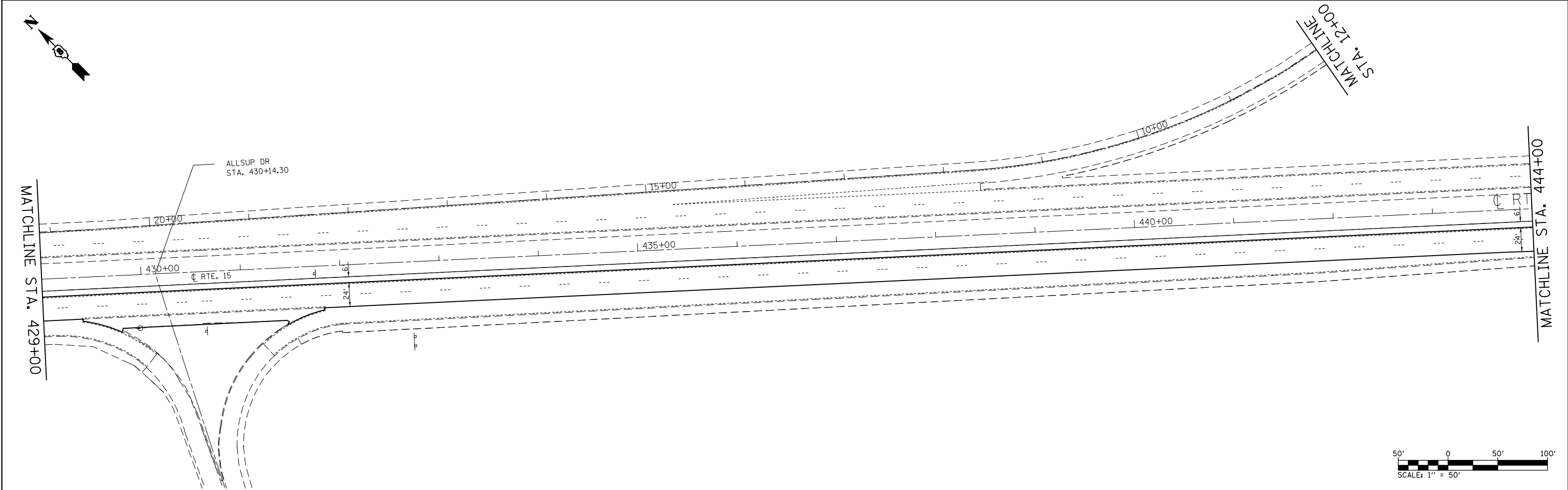
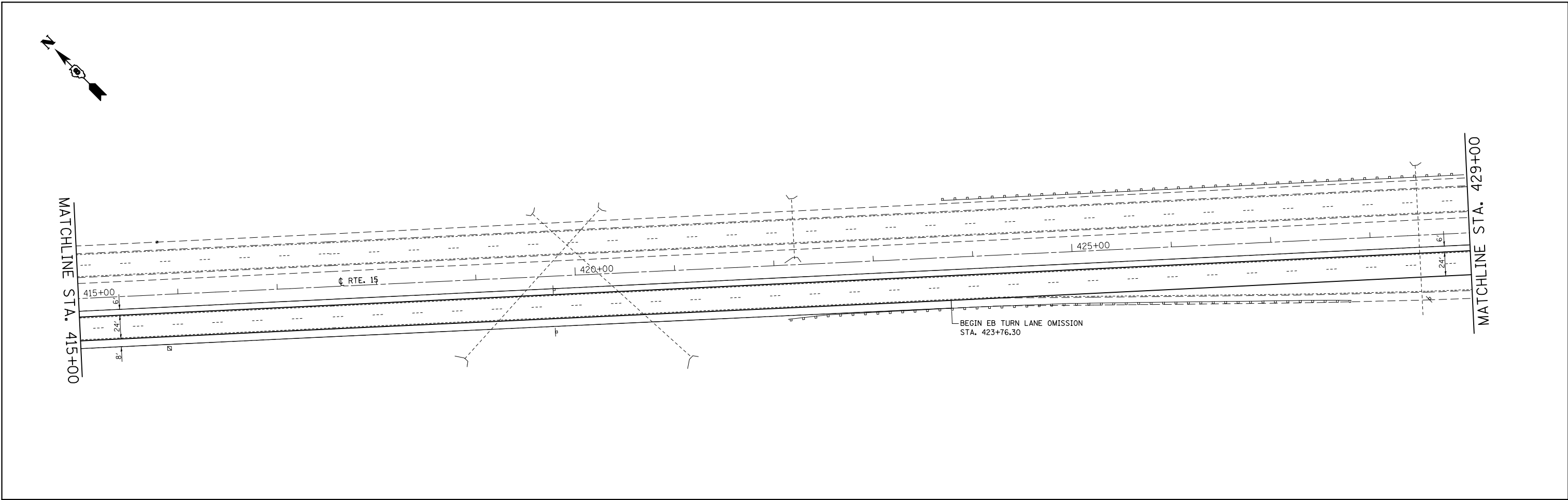
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

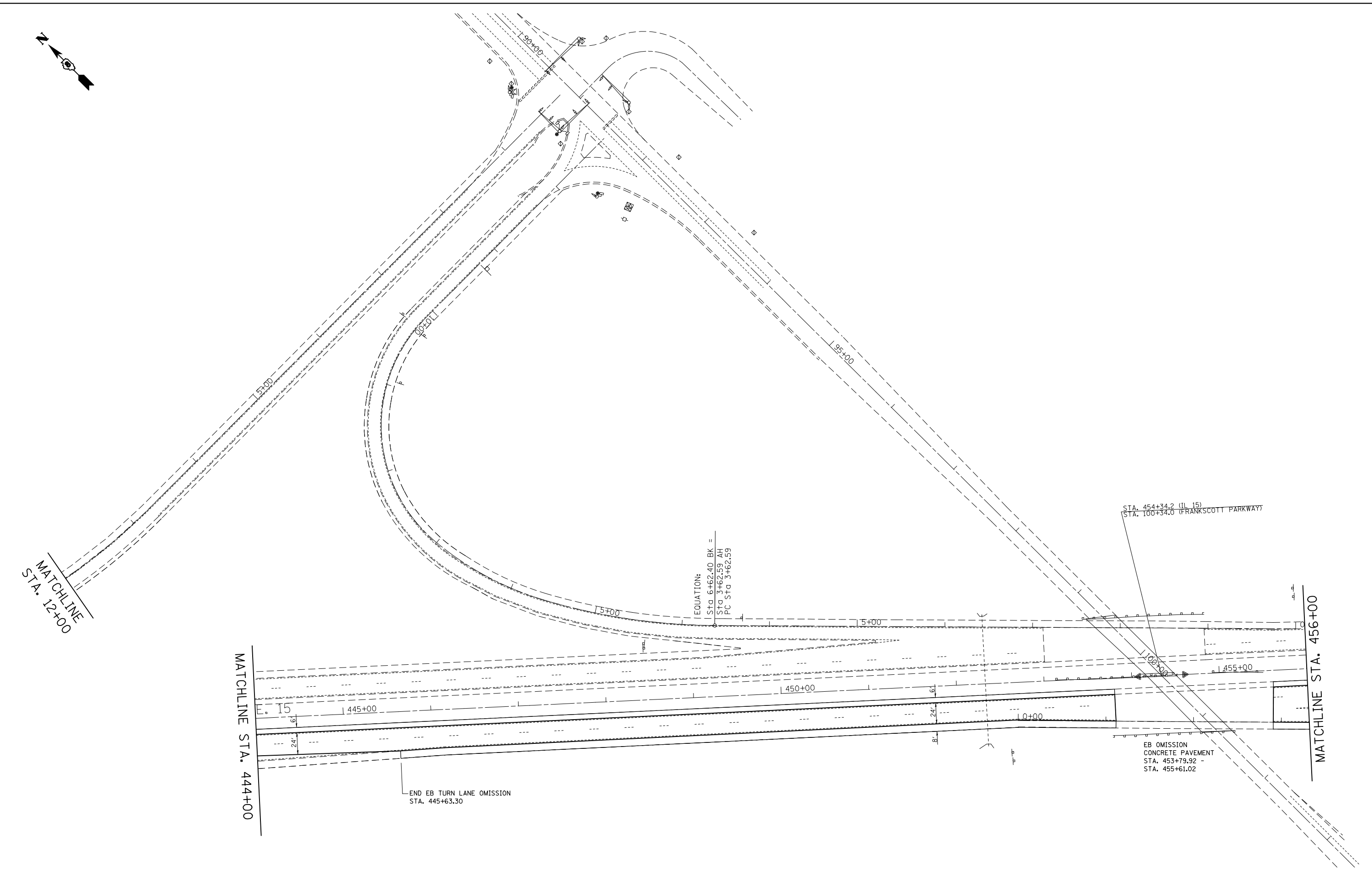
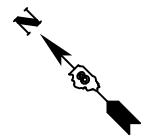
**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 12 OF 23 SHEETS    STA. 385+00 TO STA. 415+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	51
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\midot\conoverpj\d0340733\d076g37-sht-plan.dgn		DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 13 OF 23 SHEETS	STA. 415+00 TO STA. 444+00	103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	52
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		<b>CONTRACT NO. 76G37</b>							
	PLOT DATE = 10/18/2013	DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

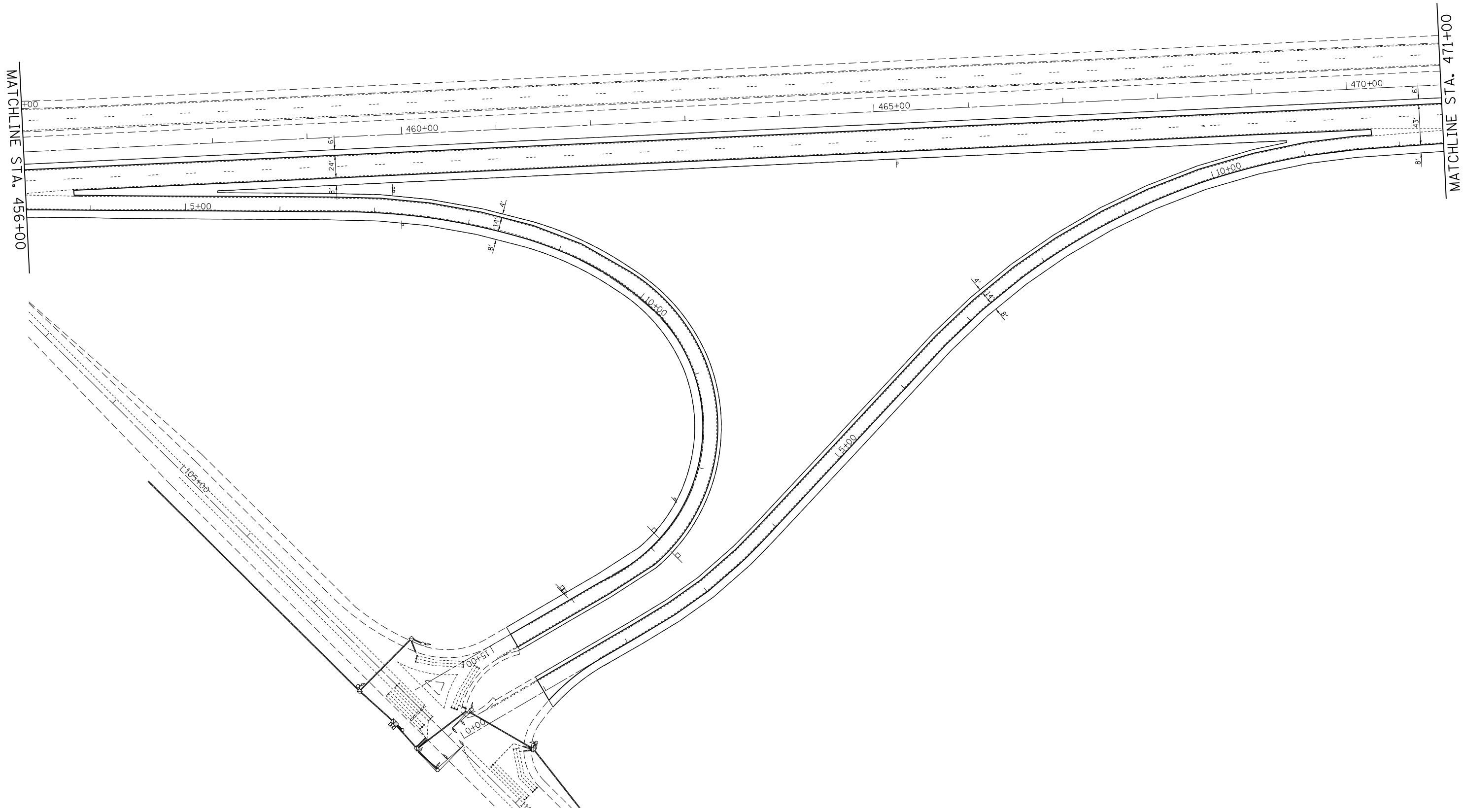
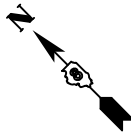


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 14 OF 23 SHEETS    STA. 444+00 TO STA. 456+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	53
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



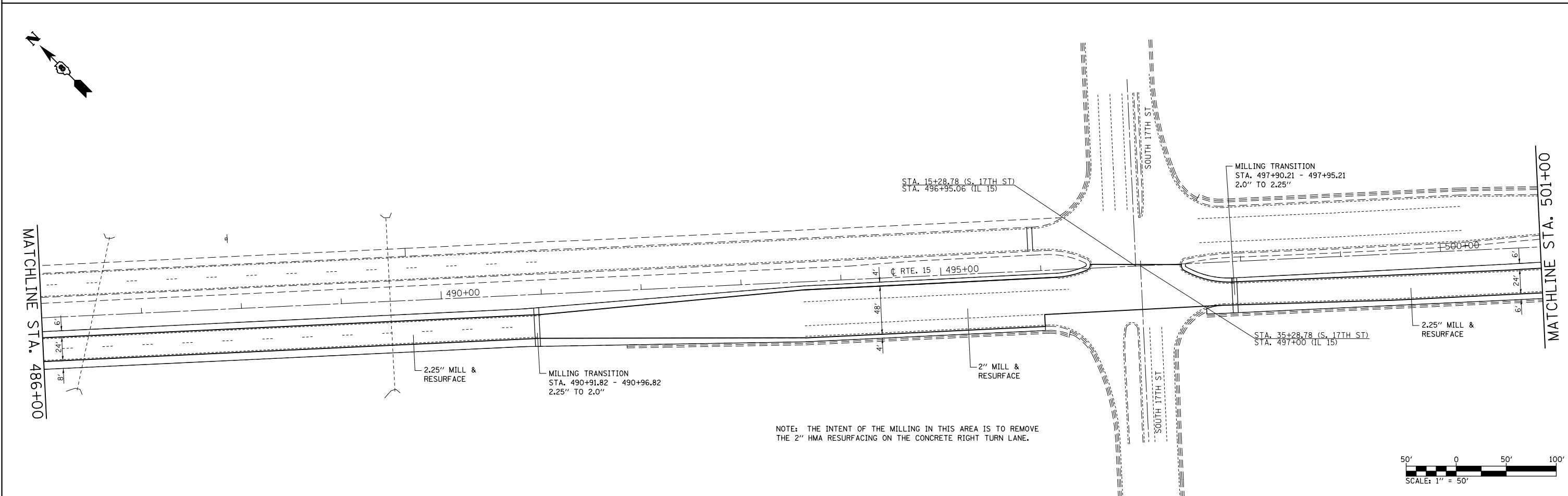
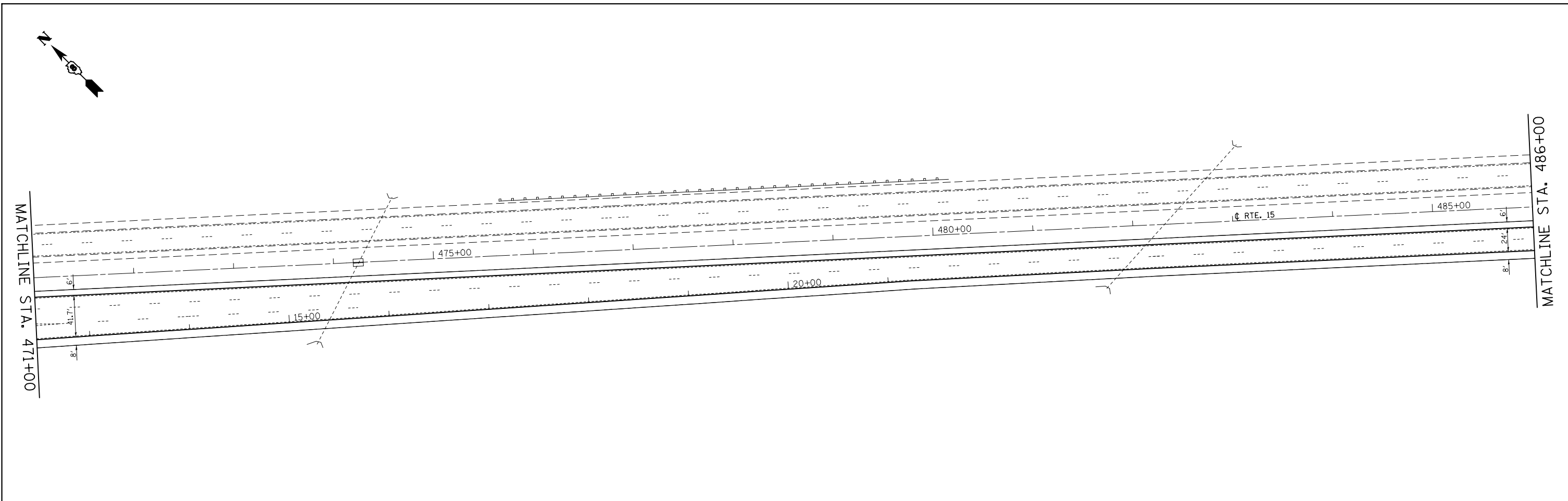
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

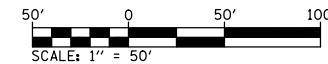
**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 15 OF 23 SHEETS    STA. 456+00 TO STA. 471+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	54
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G37	



NOTE: THE INTENT OF THE MILLING IN THIS AREA IS TO REMOVE THE 2" HMA RESURFACING ON THE CONCRETE RIGHT TURN LANE.



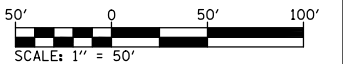
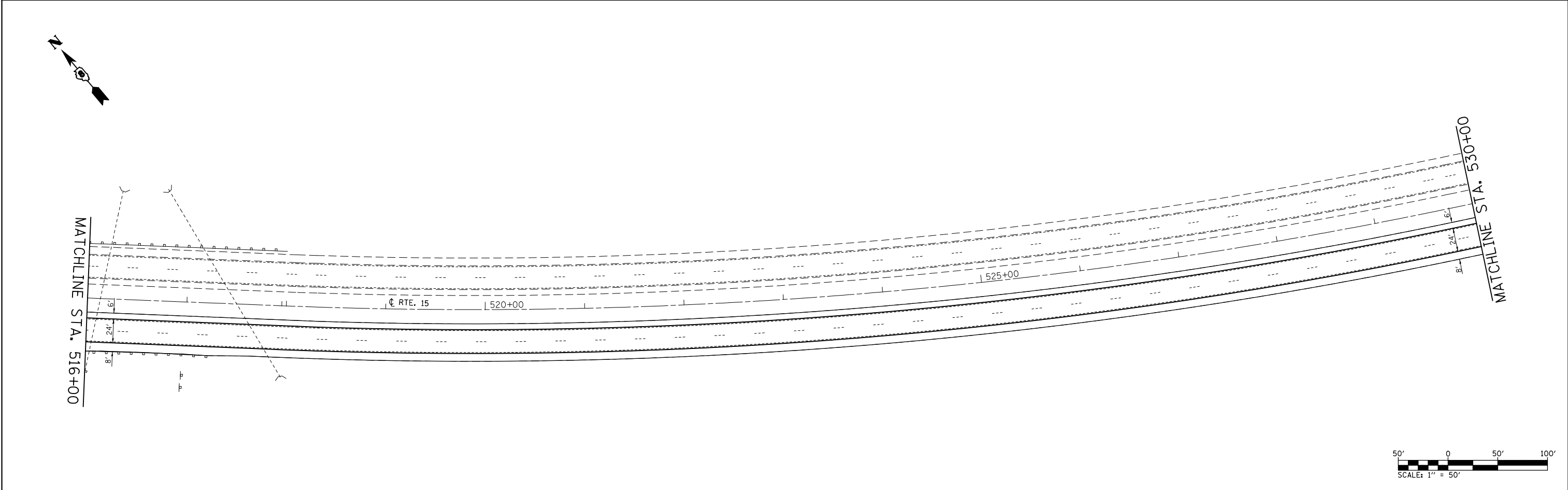
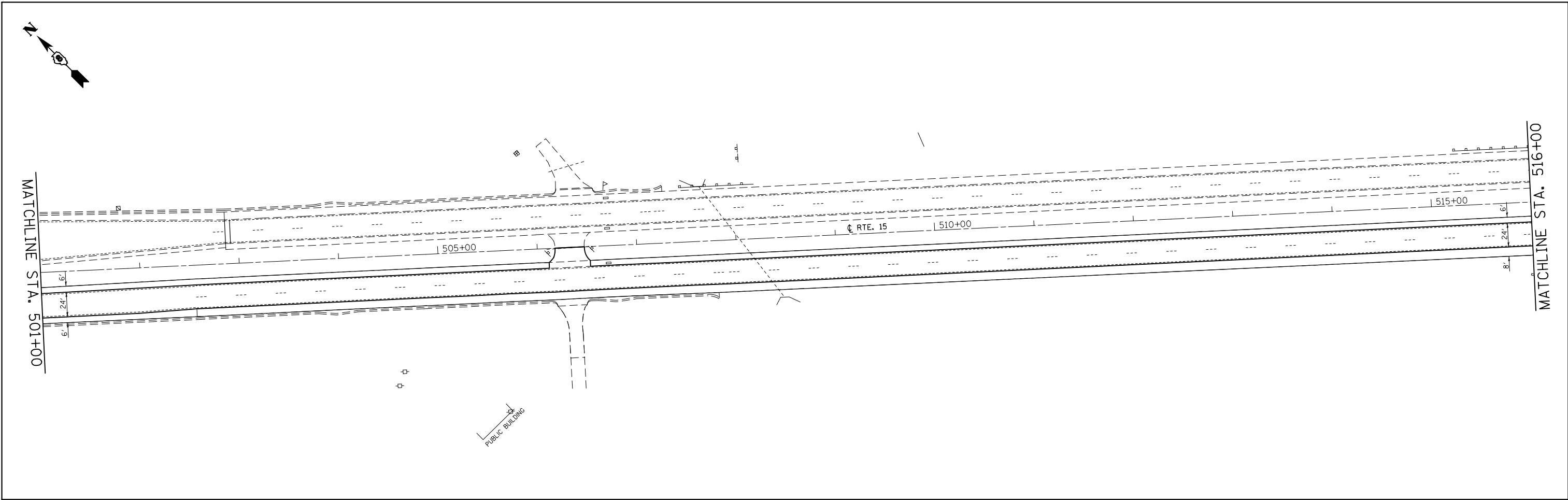
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 16 OF 23 SHEETS    STA. 471+00 TO STA. 501+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	55
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				



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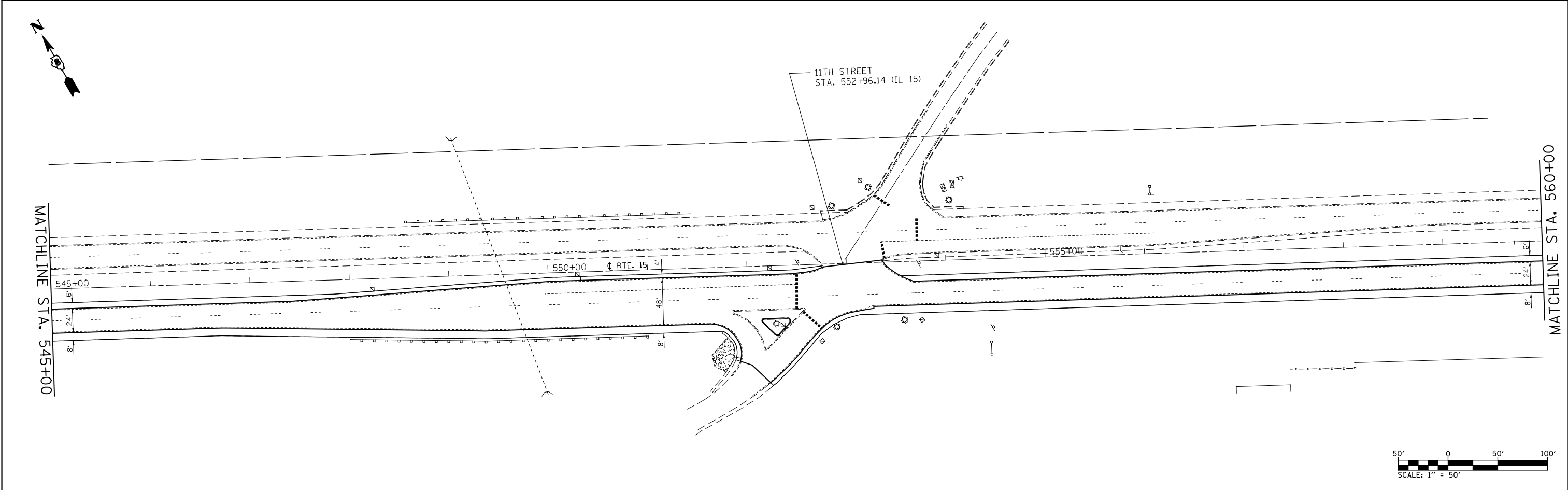
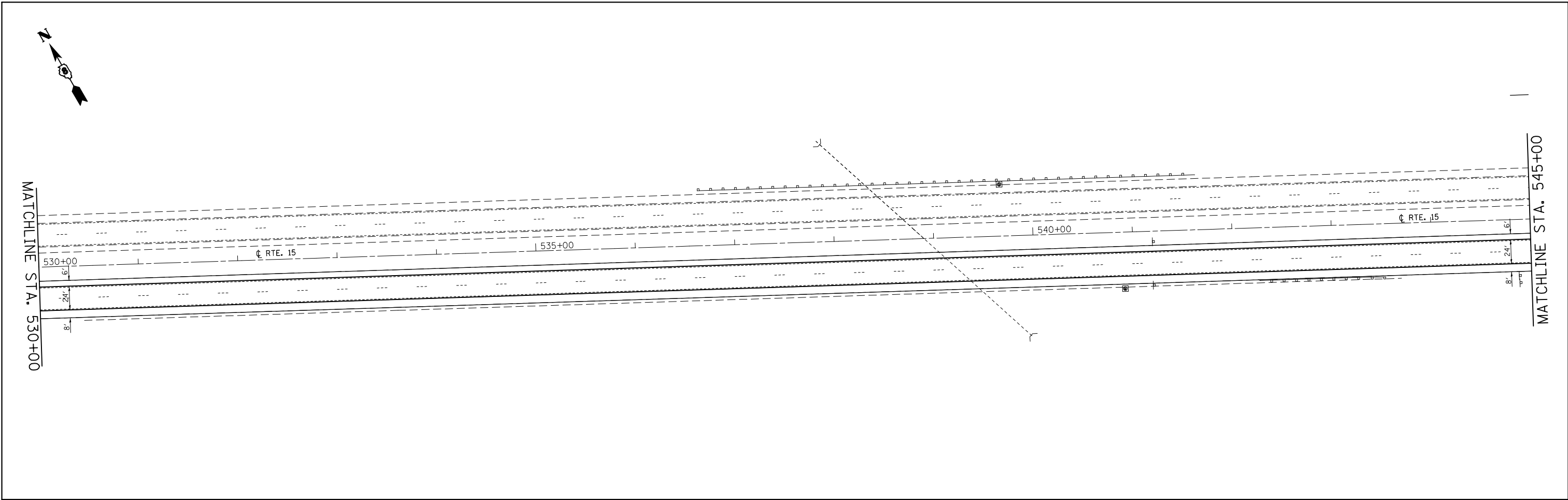
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 17 OF 23 SHEETS    STA. 501+00 TO STA. 530+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	56
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		





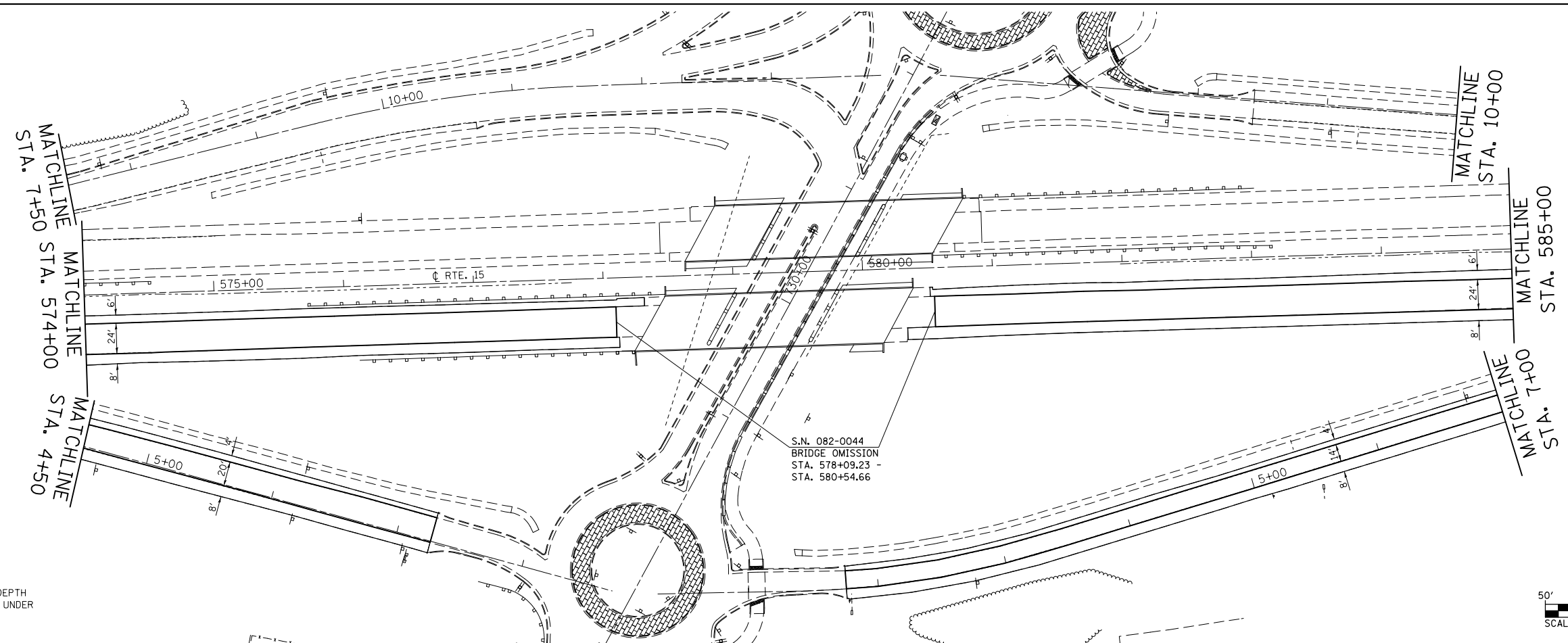
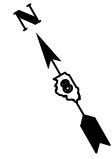
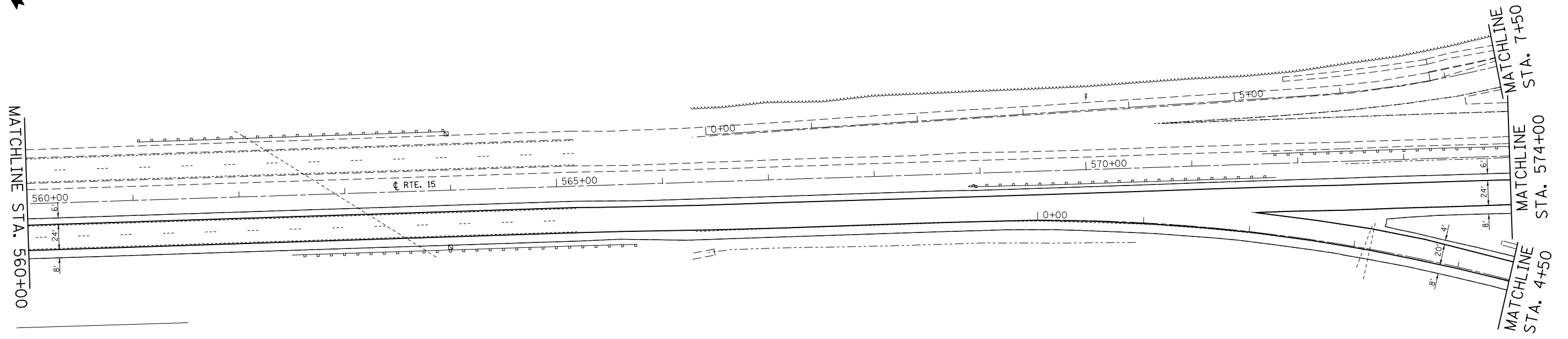
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 18 OF 23 SHEETS    STA. 530+00 TO STA. 560+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	57
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTE: TIE RAMP RESURFACING WITH THE FULL-DEPTH RESURFACING BEING DONE ON THE IL 158 RAMP UNDER CONTRACT 76D06.

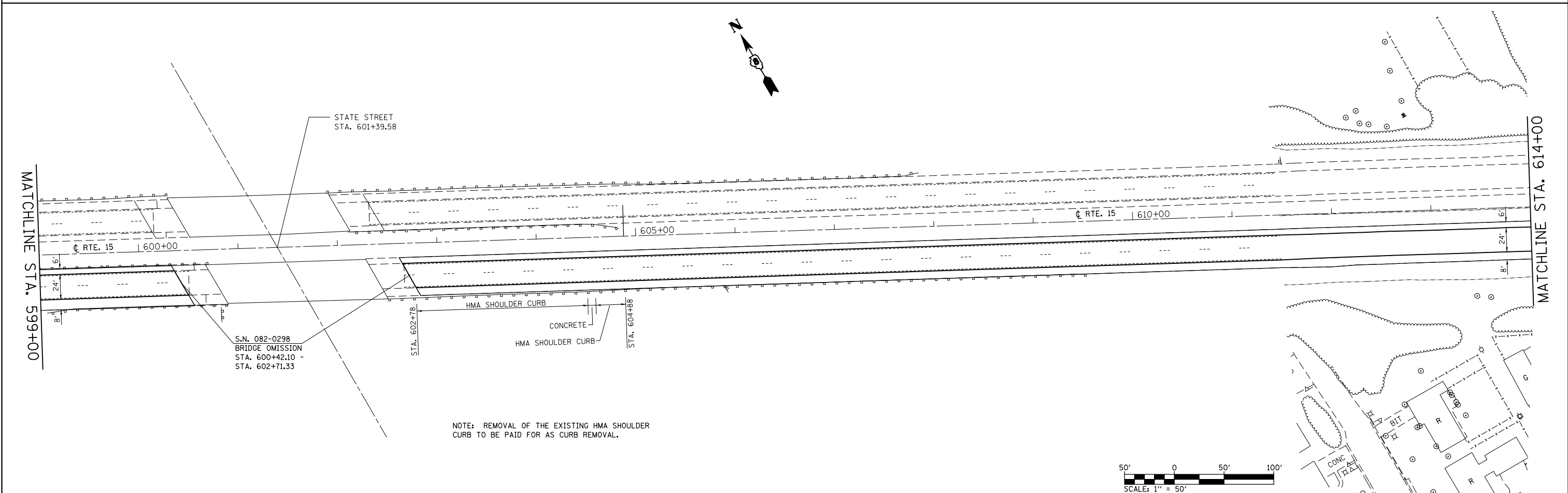
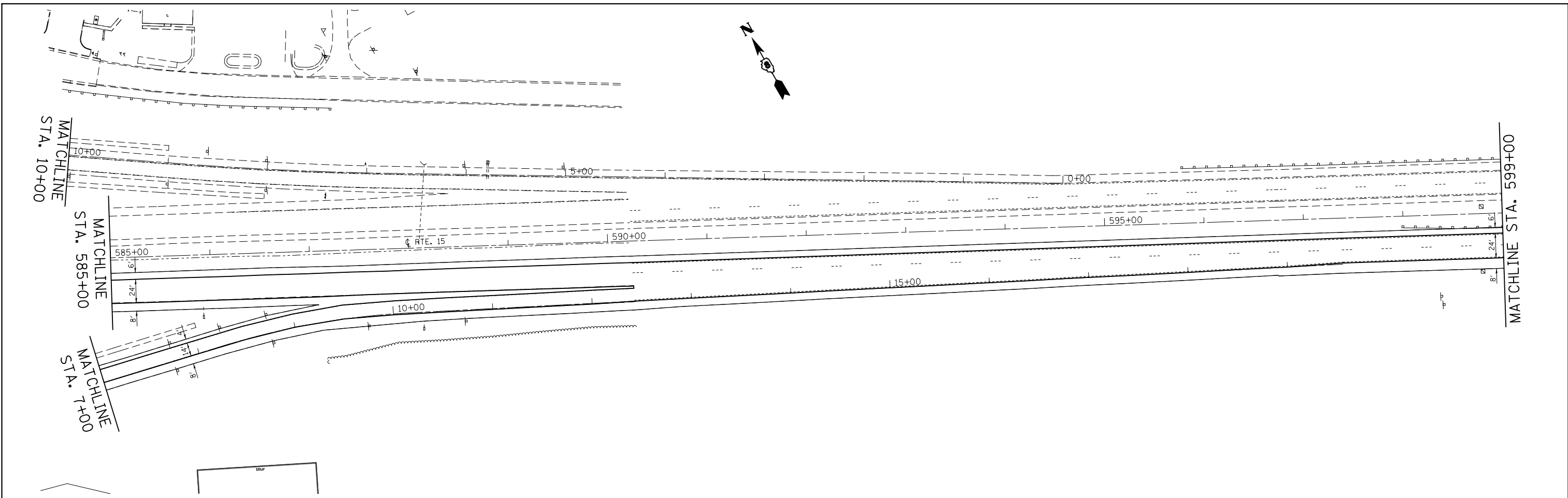
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

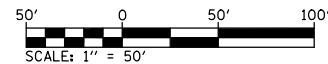
**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 19 OF 23 SHEETS    STA. 560+00 TO STA. 585+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	58
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTE: REMOVAL OF THE EXISTING HMA SHOULDER CURB TO BE PAID FOR AS CURB REMOVAL.



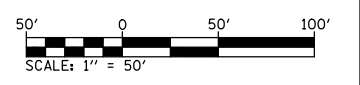
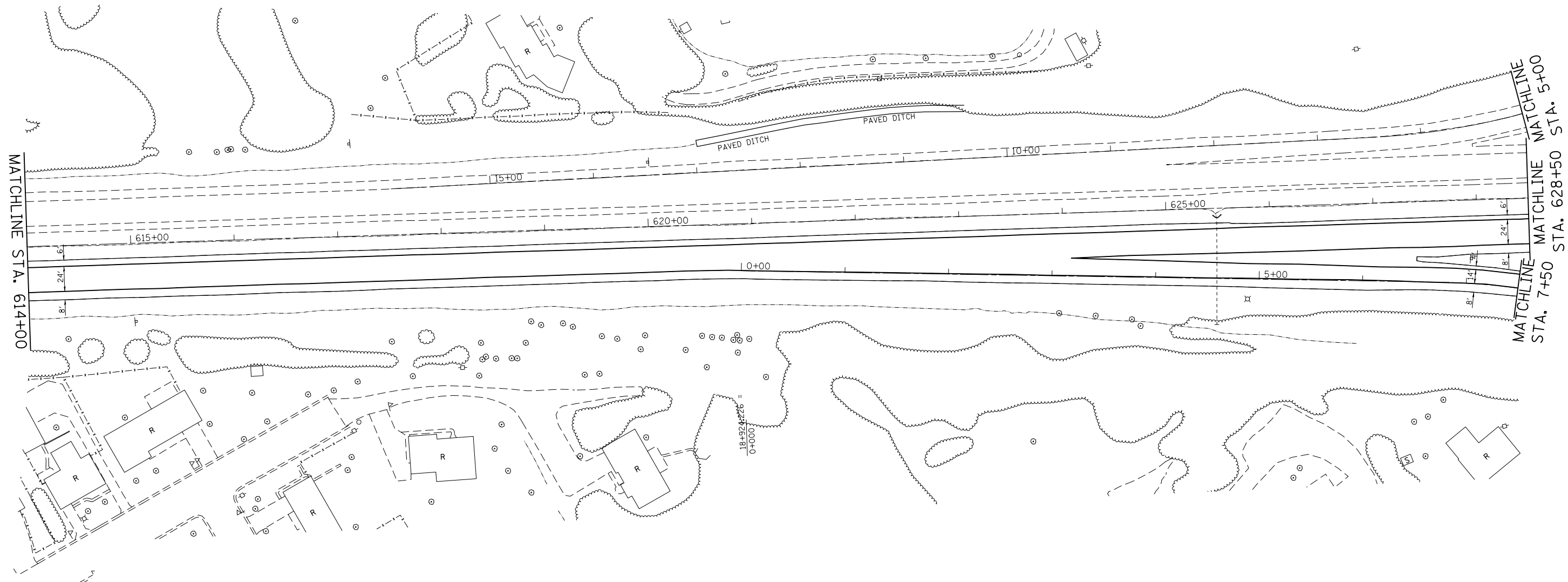
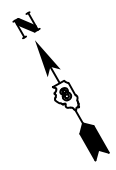
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 20 OF 23 SHEETS    STA. 585+00 TO STA. 614+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	59
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



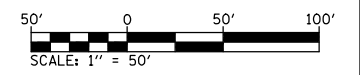
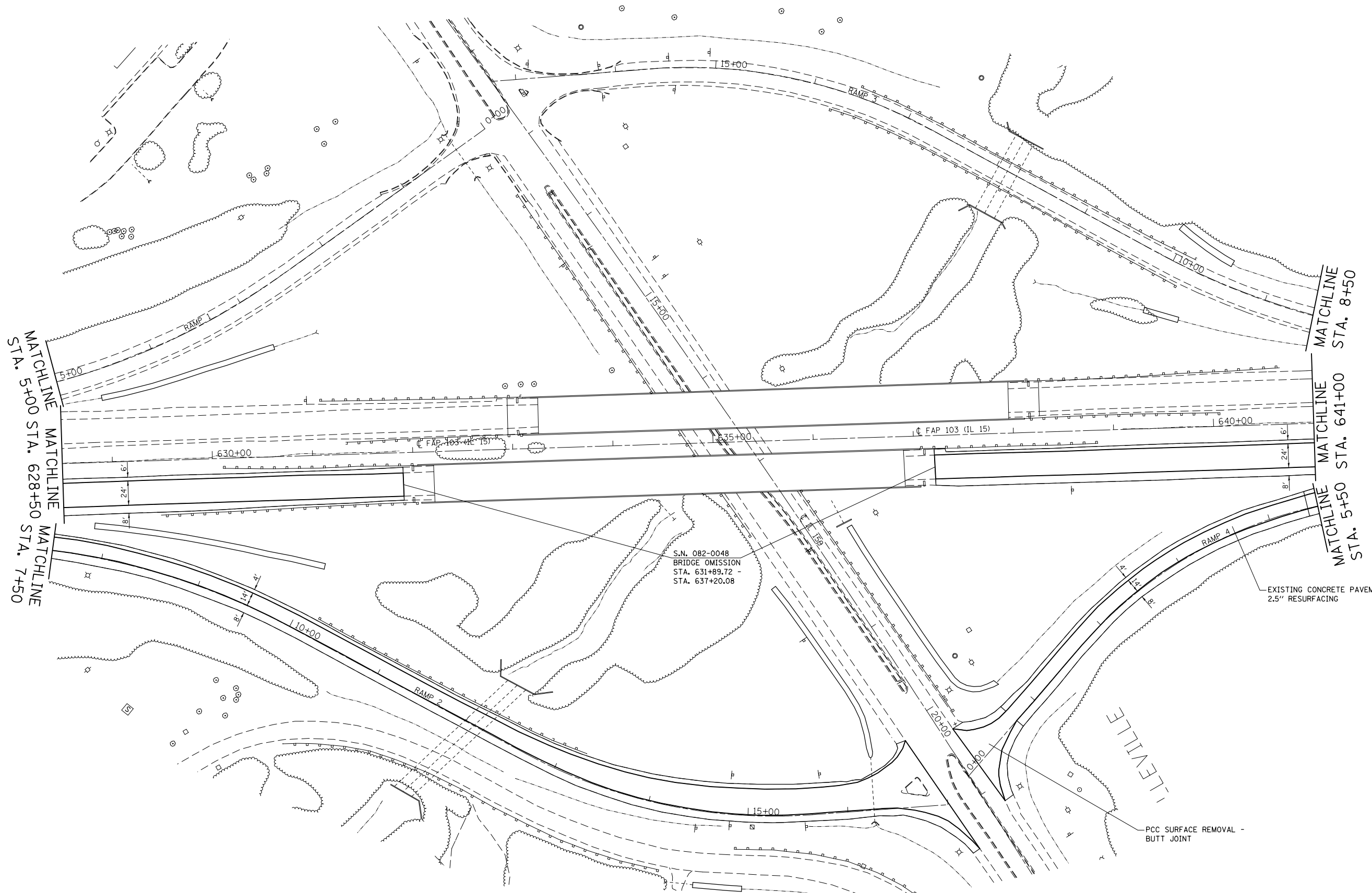
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 21 OF 23 SHEETS    STA. 614+00 TO STA. 628+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	60
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G37	



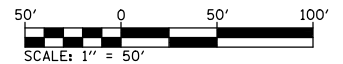
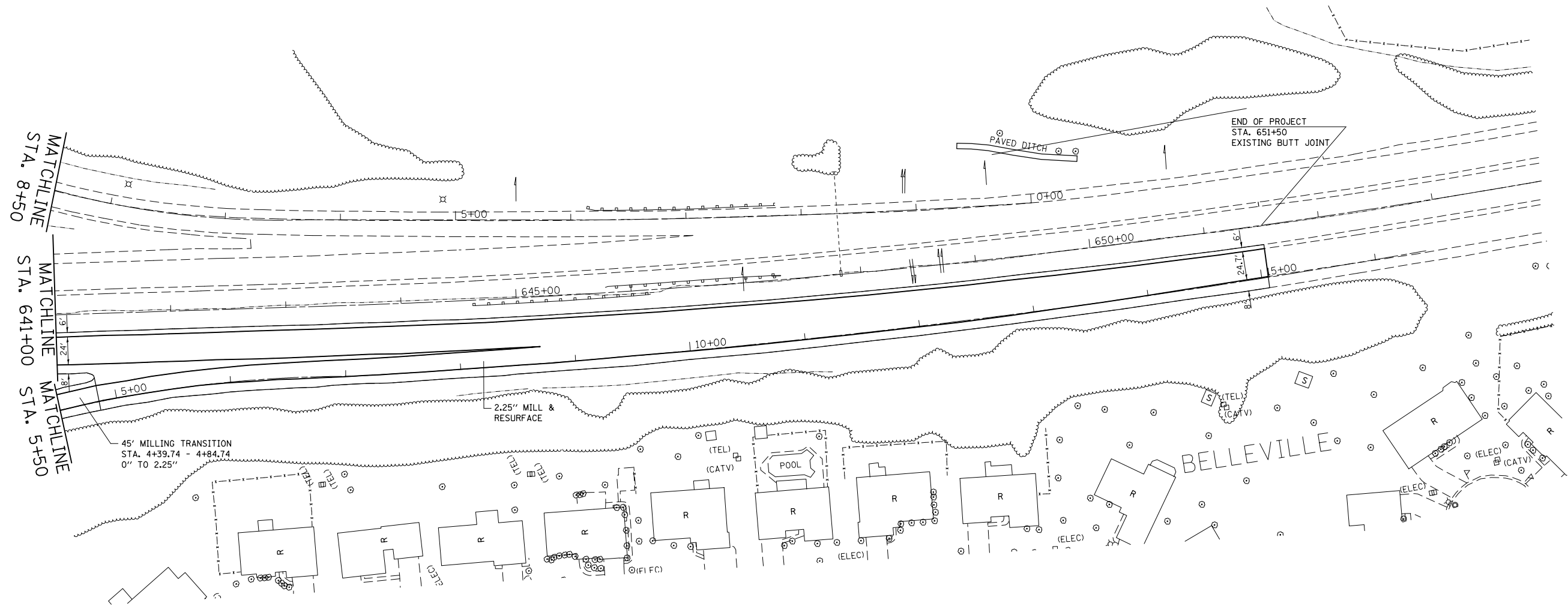
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 22 OF 23 SHEETS    STA. 628+50 TO STA. 641+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	61
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



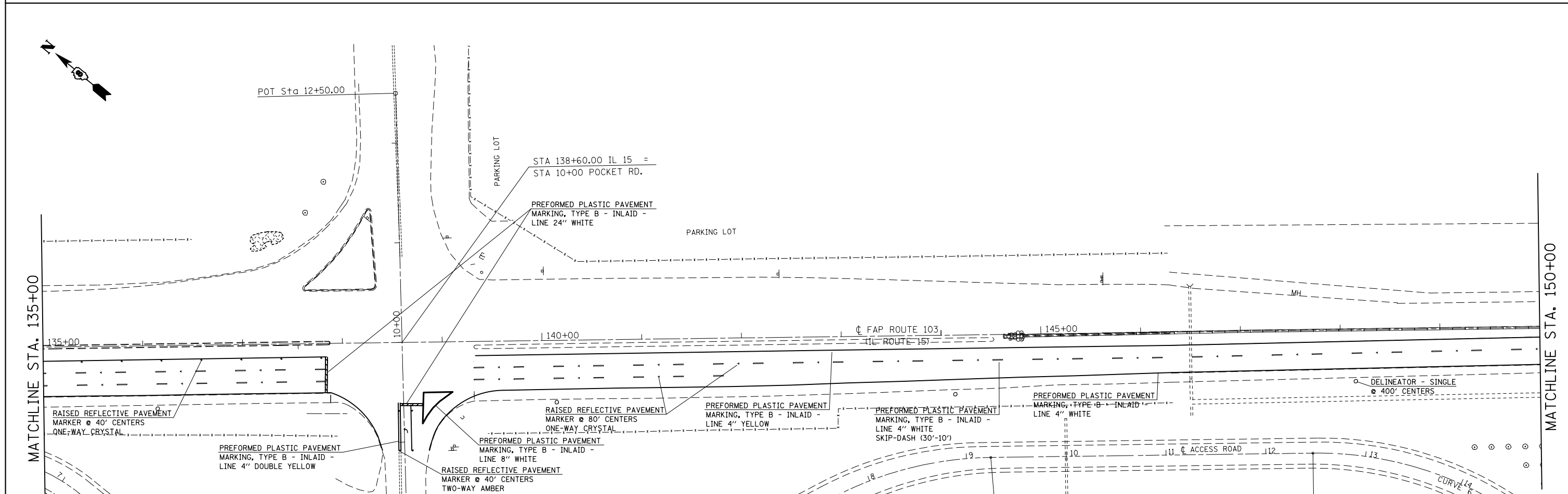
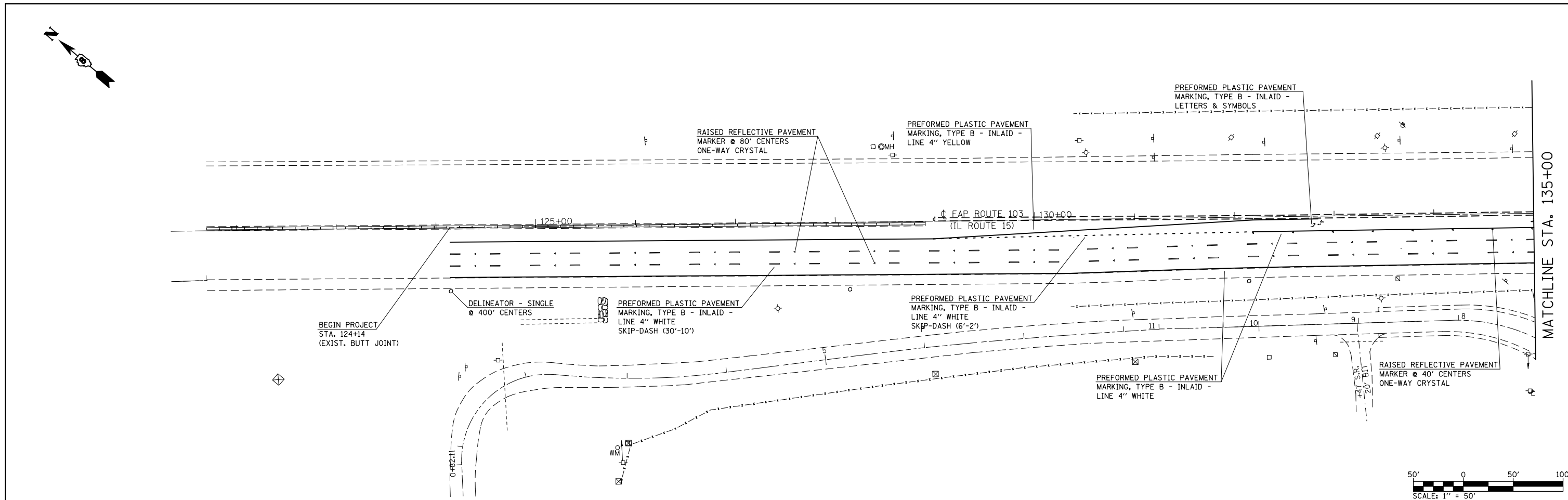
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

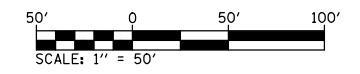
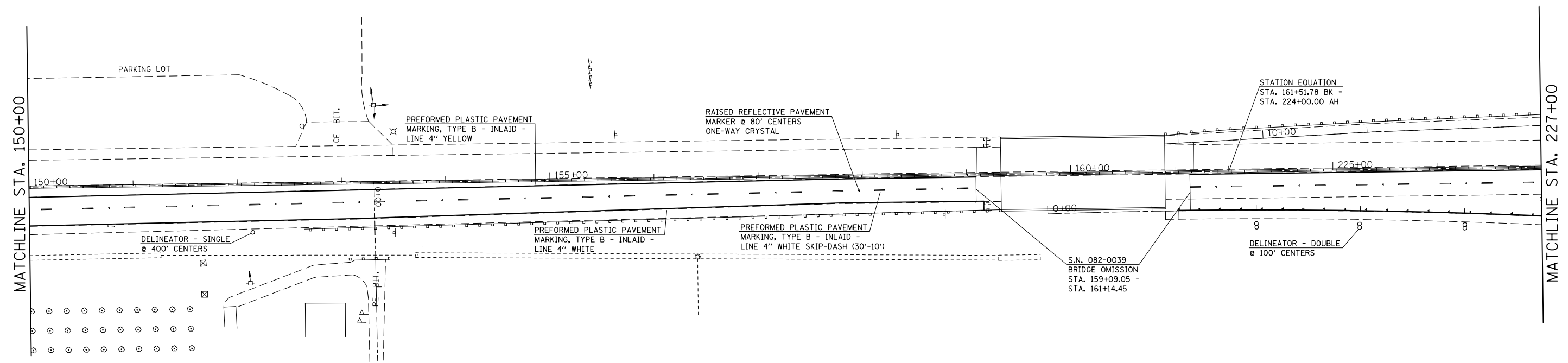
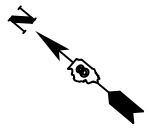
**PLAN SHEET**

SCALE: 1" = 50'    SHEET NO. 23 OF 23 SHEETS    STA. 641+00 TO STA. 651+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	62
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: 1" = 50'			SHEET NO. 1 OF 23 SHEETS			STA. 124+00 TO STA. 150+00		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
	PLOT DATE = 10/18/2013	DATE -	REVISED -											



FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -
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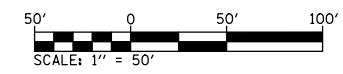
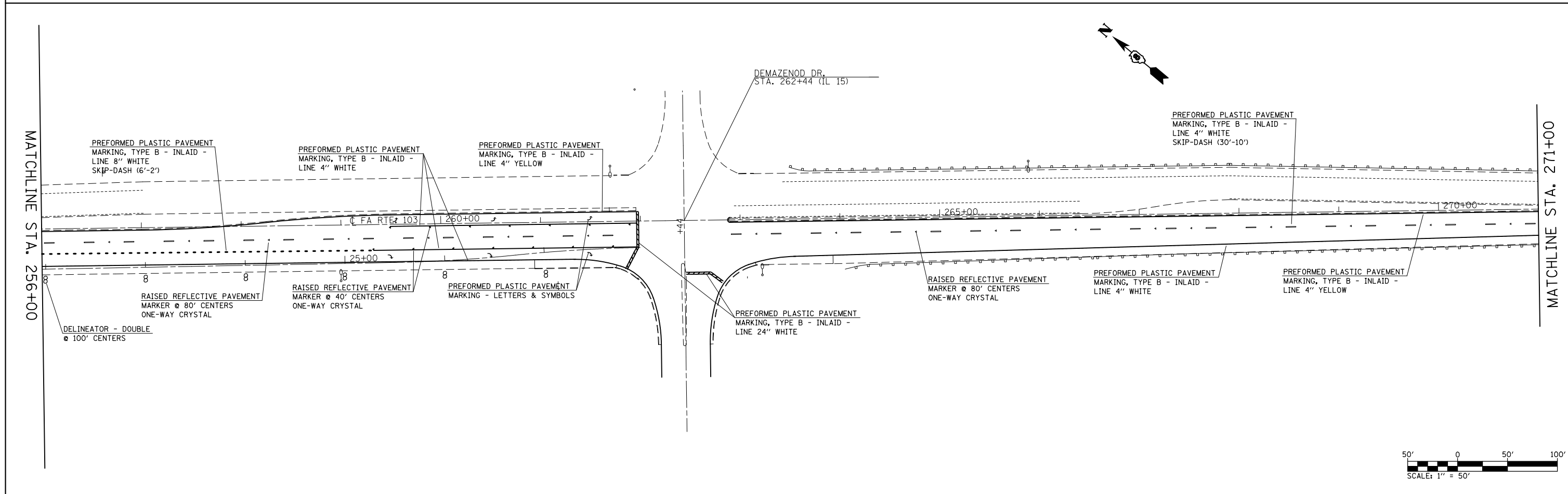
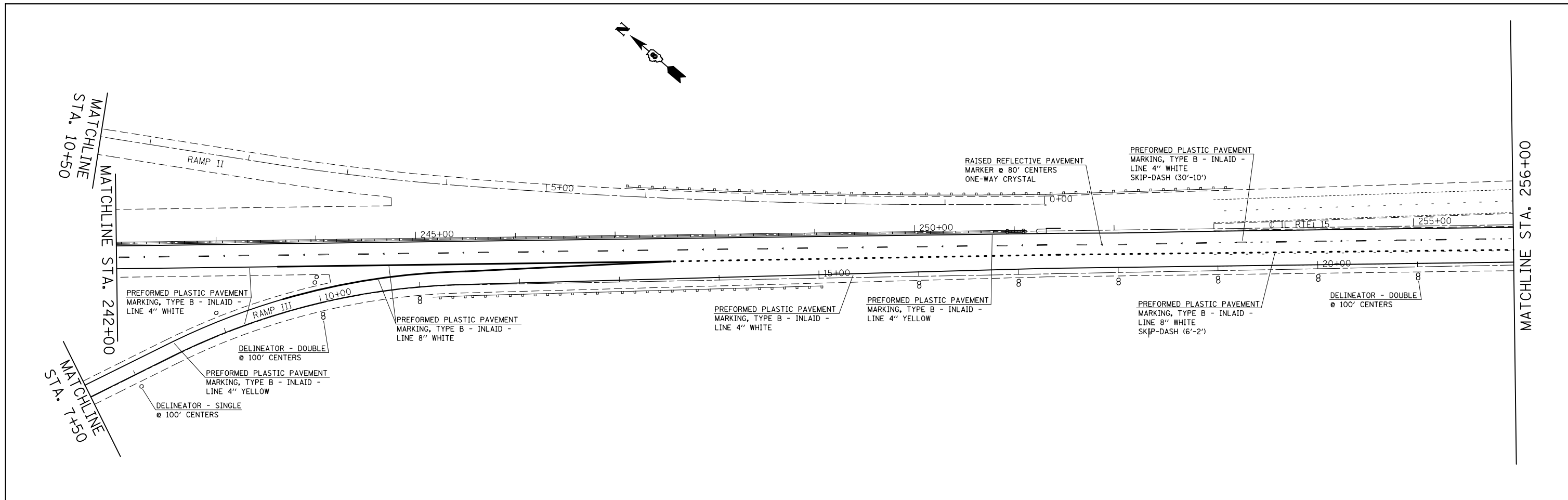
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING SHEET</b>		
SCALE: 1" = 50'	SHEET NO. 2 OF 23 SHEETS	STA. 150+00 TO STA. 227+00

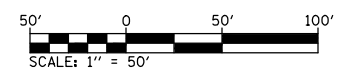
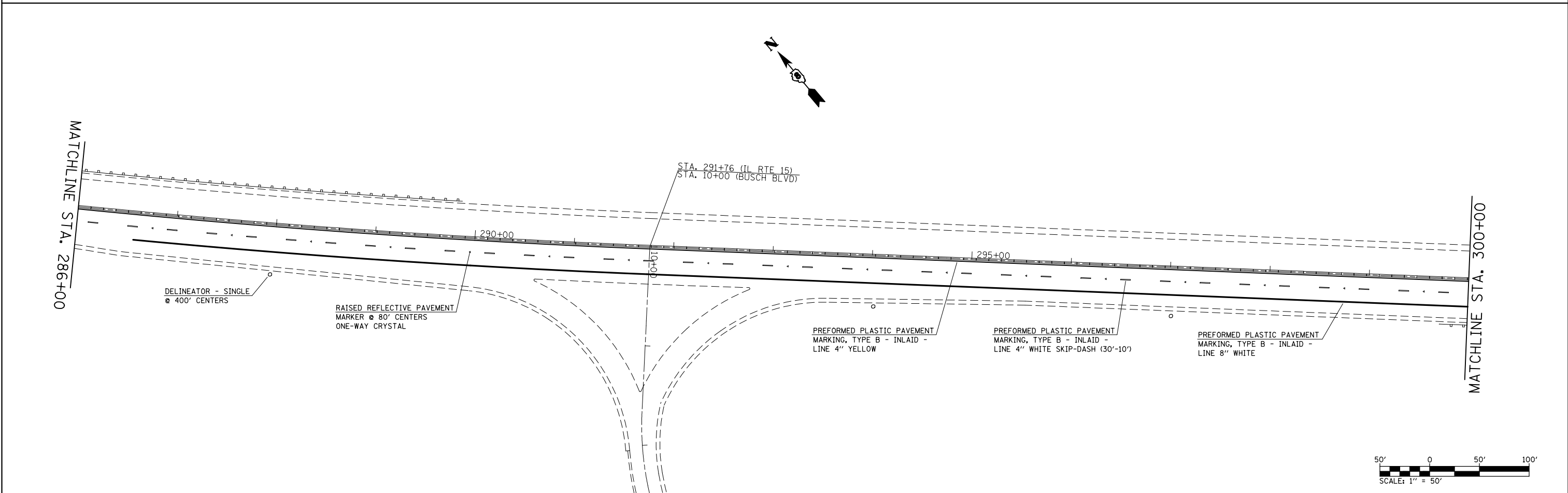
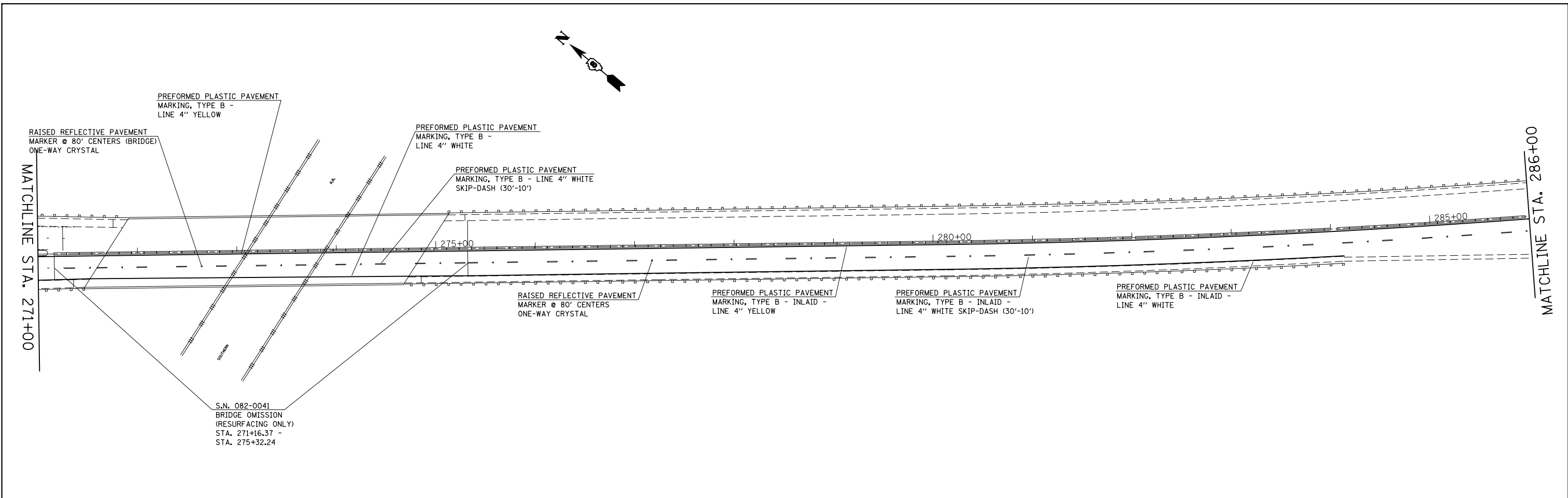
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	64
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



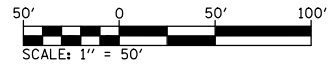
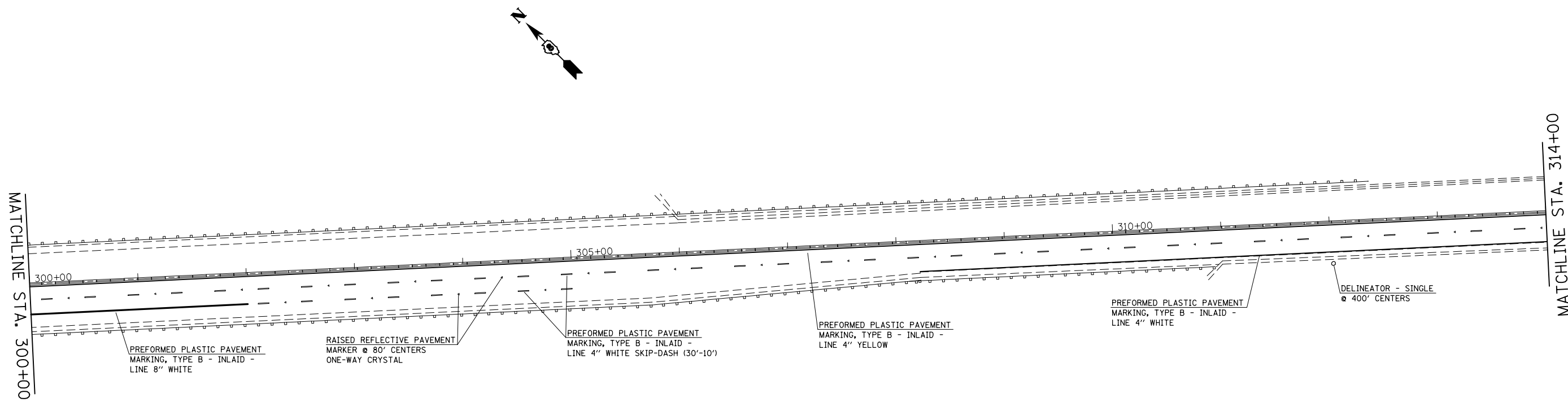




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e:\pwork\pwork\conoverpj\d0340733\d076g37-sh1-pmk.dgn		DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 4 OF 23 SHEETS	STA. 242+00 TO STA. 271+00	103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	66
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76G37							
	PLOT DATE = 10/18/2013	DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\conoverpj\d0340733\d076g37-sh-t-pmk.dgn		DRAWN -	REVISED -		103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	67			
PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -		CONTRACT NO. 76G37							
PLOT DATE = 10/18/2013		DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					
				SCALE: 1" = 50'	SHEET NO. 5 OF 23 SHEETS	STA. 271+00 TO STA. 300+00						



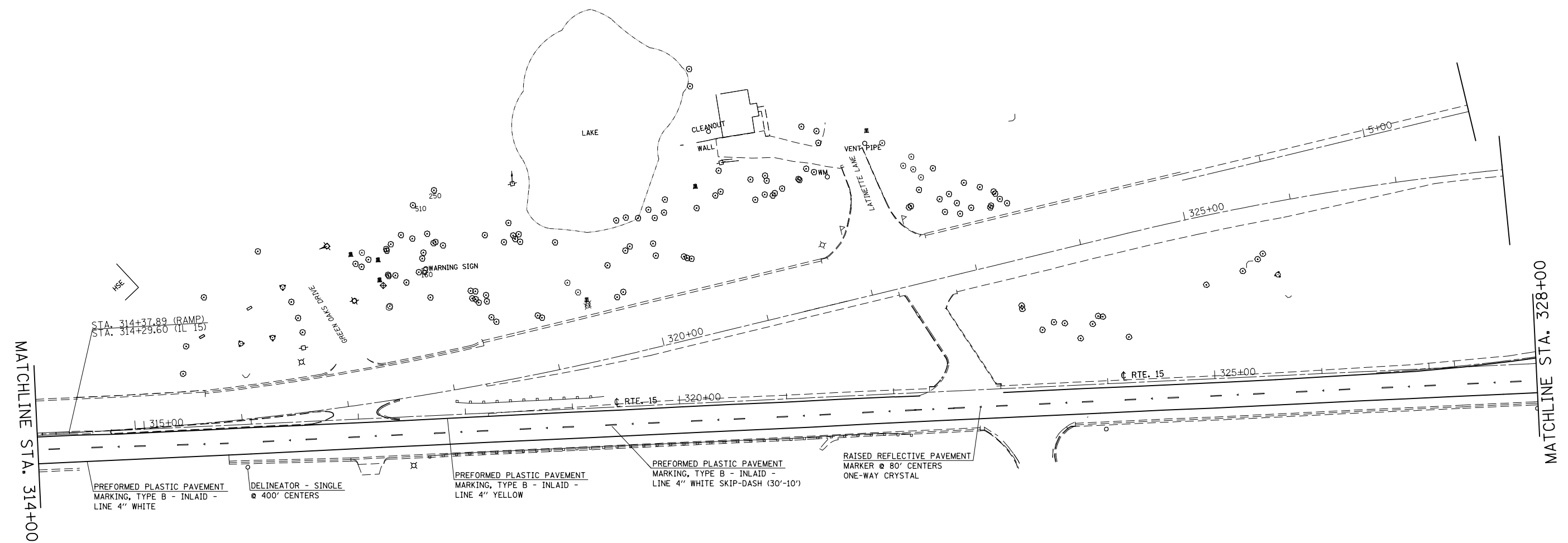
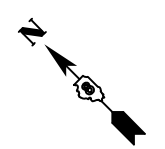
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET**

SCALE: 1" = 50'      SHEET NO. 6 OF 23 SHEETS      STA. 300+00 TO STA. 314+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	68
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STA. 314+37.89 (RAMP)  
STA. 314+29.60 (IL 15)

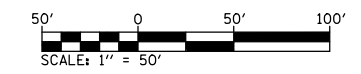
PREFORMED PLASTIC PAVEMENT  
MARKING, TYPE B - INLAID -  
LINE 4" WHITE

DELINEATOR - SINGLE  
400' CENTERS

PREFORMED PLASTIC PAVEMENT  
MARKING, TYPE B - INLAID -  
LINE 4" YELLOW

PREFORMED PLASTIC PAVEMENT  
MARKING, TYPE B - INLAID -  
LINE 4" WHITE SKIP-DASH (30'-10')

RAISED REFLECTIVE PAVEMENT  
MARKER @ 80' CENTERS  
ONE-WAY CRYSTAL



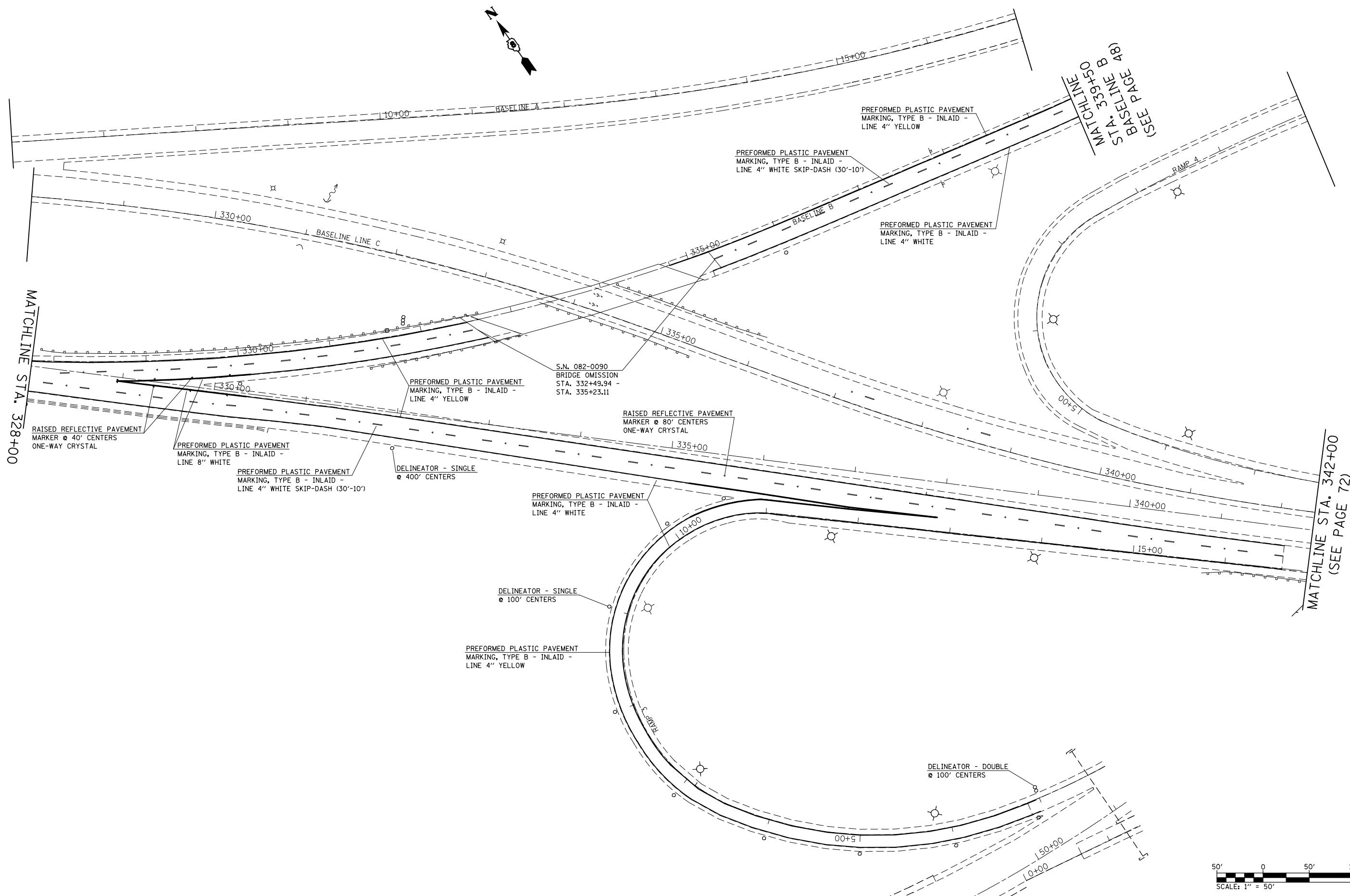
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET**

SCALE: 1" = 50'    SHEET NO. 7 OF 23 SHEETS    STA. 314+00 TO STA. 328+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	69
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



(SEE PAGE 18)  
 STA. 339+50  
 MATCHLINE  
 B  
 BASELINE

MATCHLINE STA. 328+00

MATCHLINE STA. 342+00  
 (SEE PAGE 72)



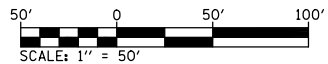
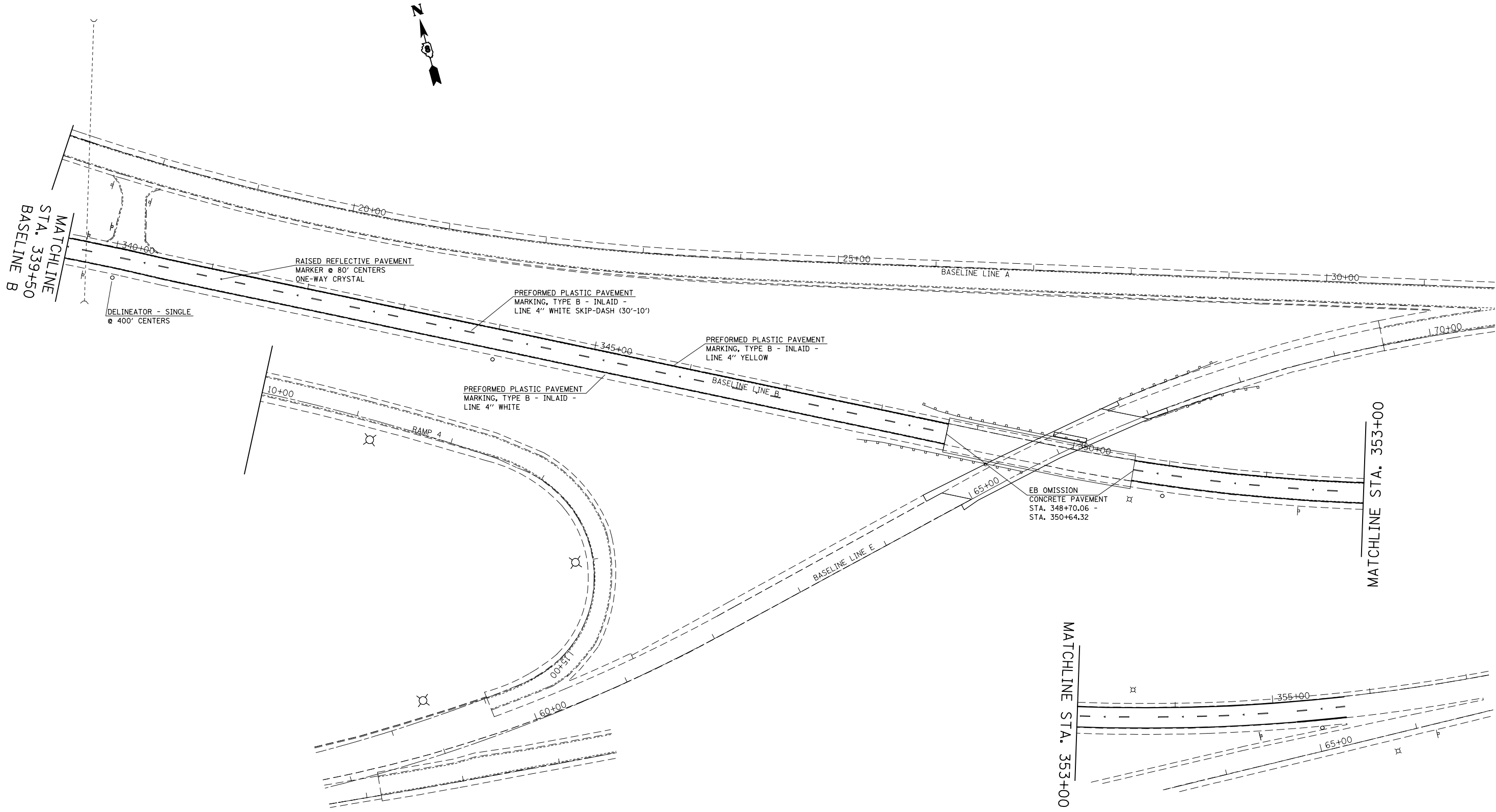
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET**

SCALE: 1" = 50'    SHEET NO. 8 OF 23 SHEETS    STA. 328+00 TO STA. 342+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	70
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				



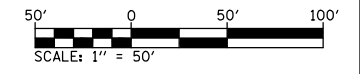
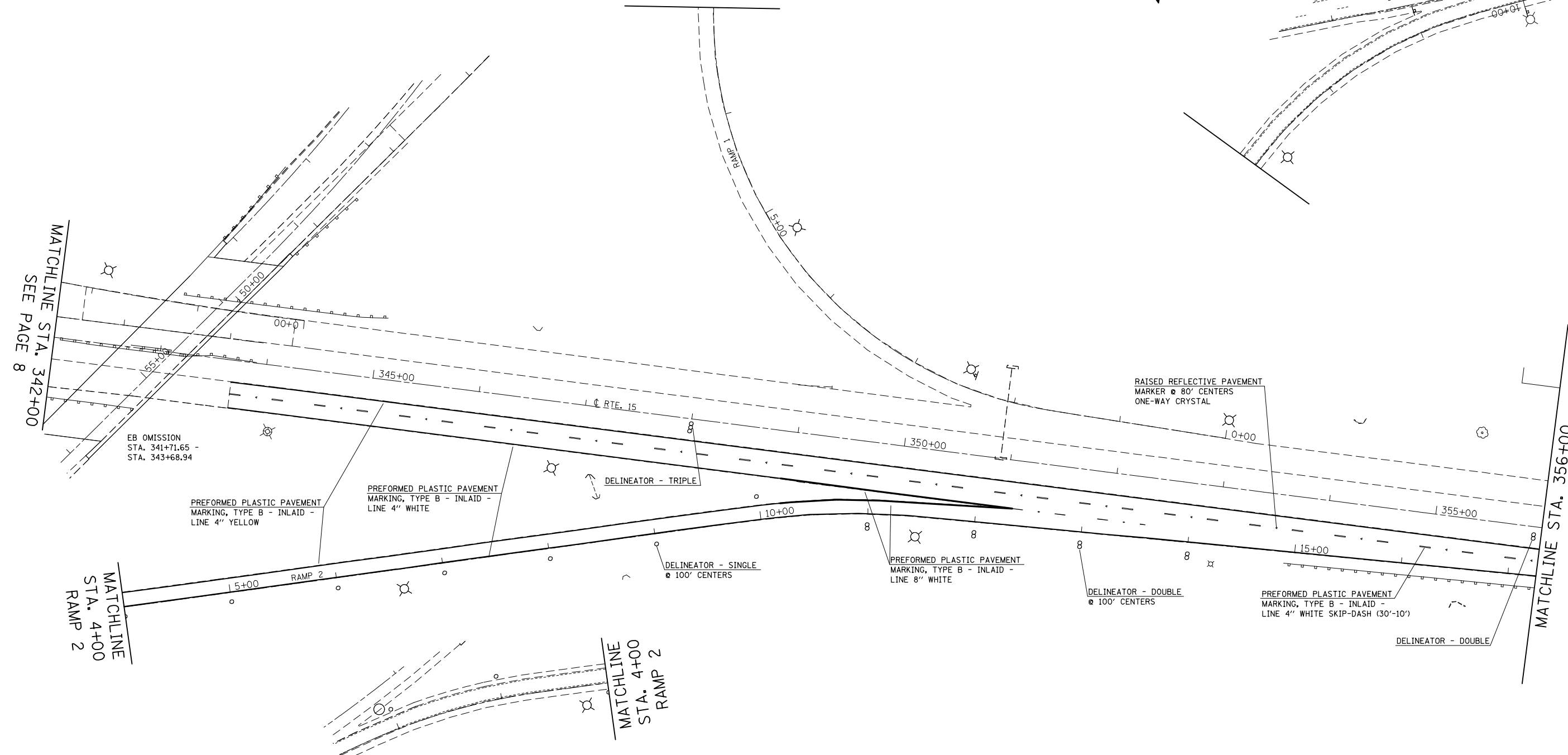
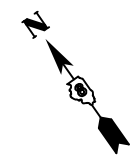
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET  
LINE B**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	71
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SCALE: 1" = 50'    SHEET NO. 9 OF 23 SHEETS    STA. 339+50 TO STA. 355+72.97



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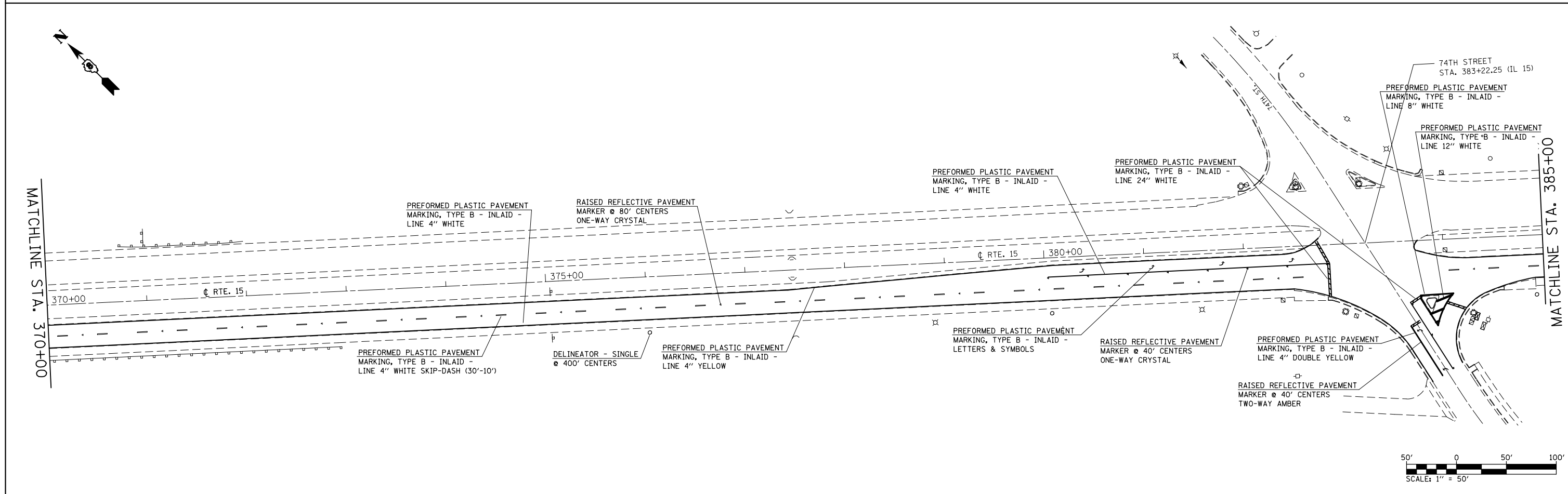
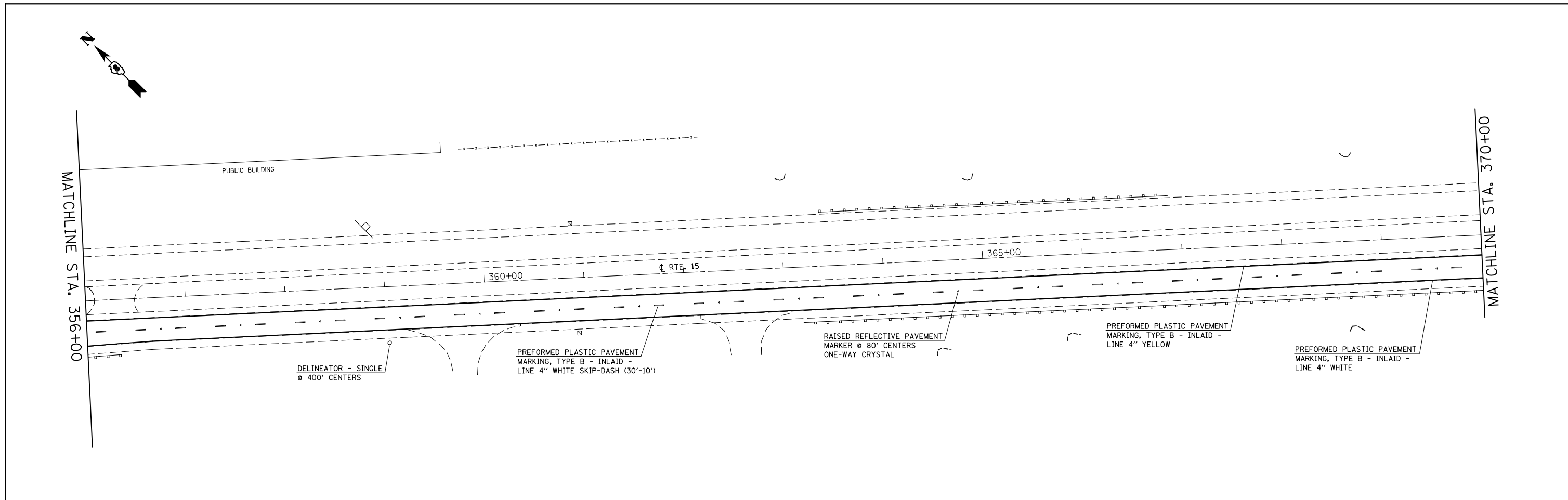
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET**

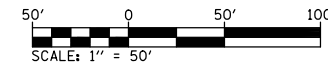
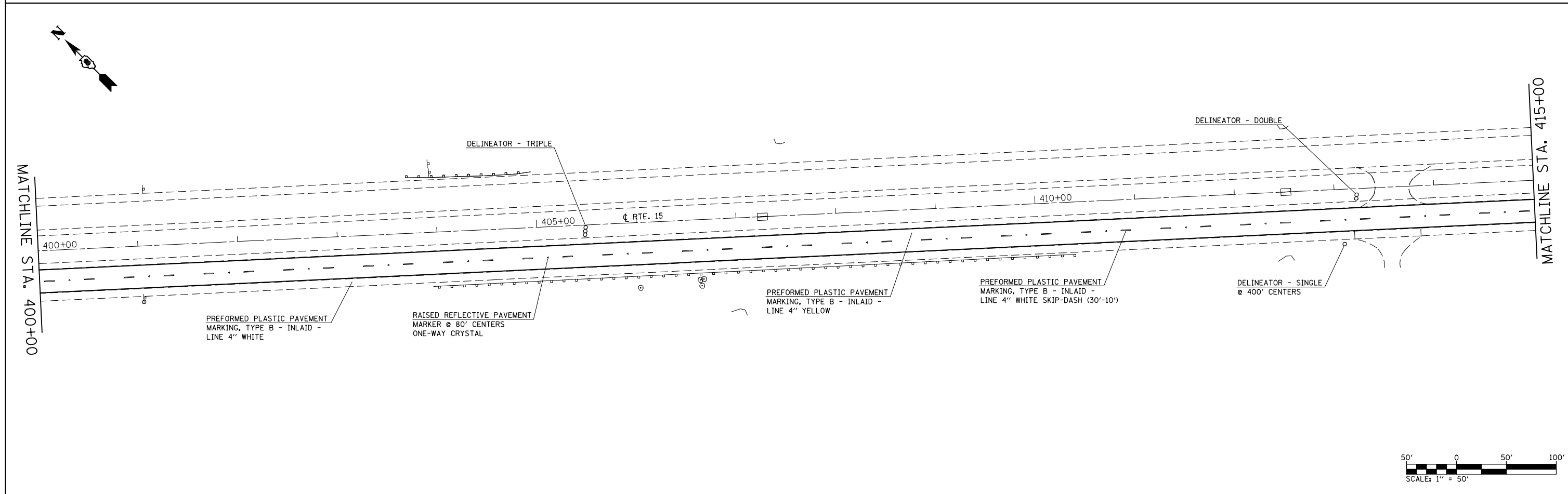
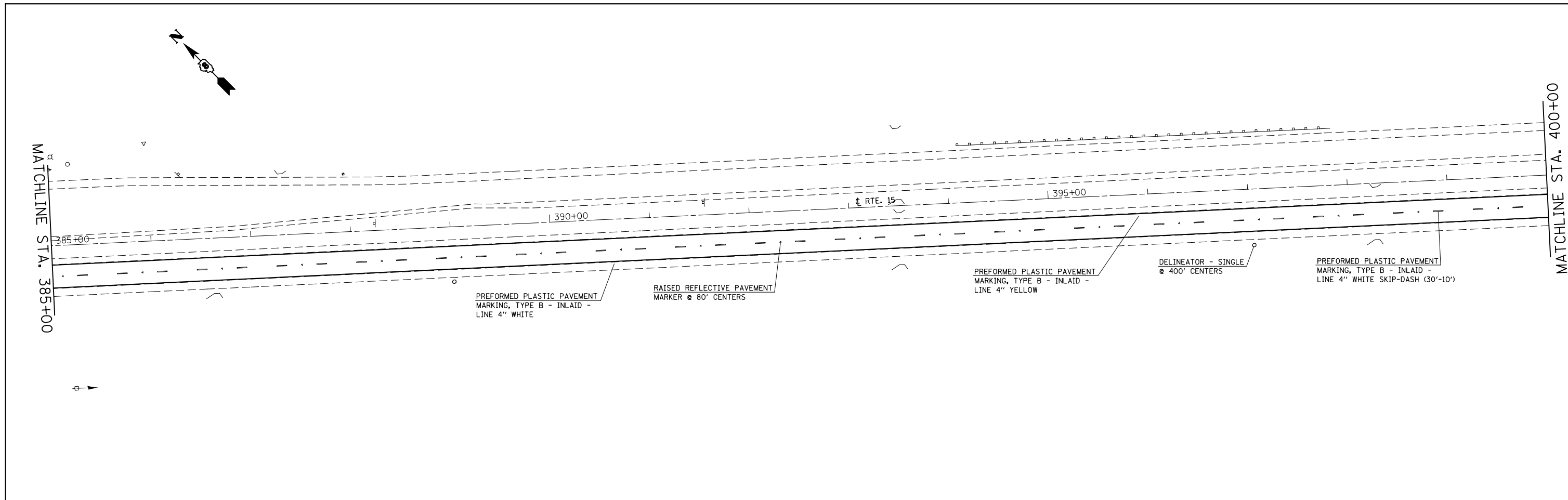
SCALE: 1" = 50'    SHEET NO. 10 OF 23 SHEETS    STA. 342+00 TO STA. 356+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	72
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				





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	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 11 OF 23 SHEETS	STA. 356+00 TO STA. 385+00	103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	73
	PLOT DATE = 10/18/2013	CHECKED -	REVISED -					CONTRACT NO. 76G37				
		DATE -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



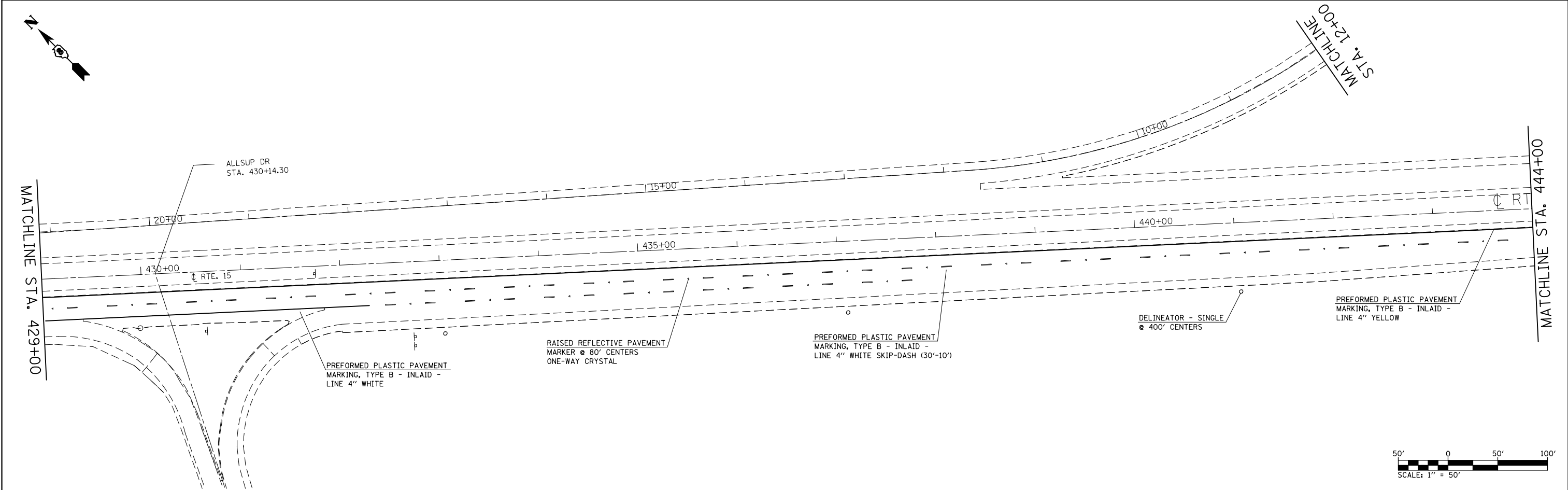
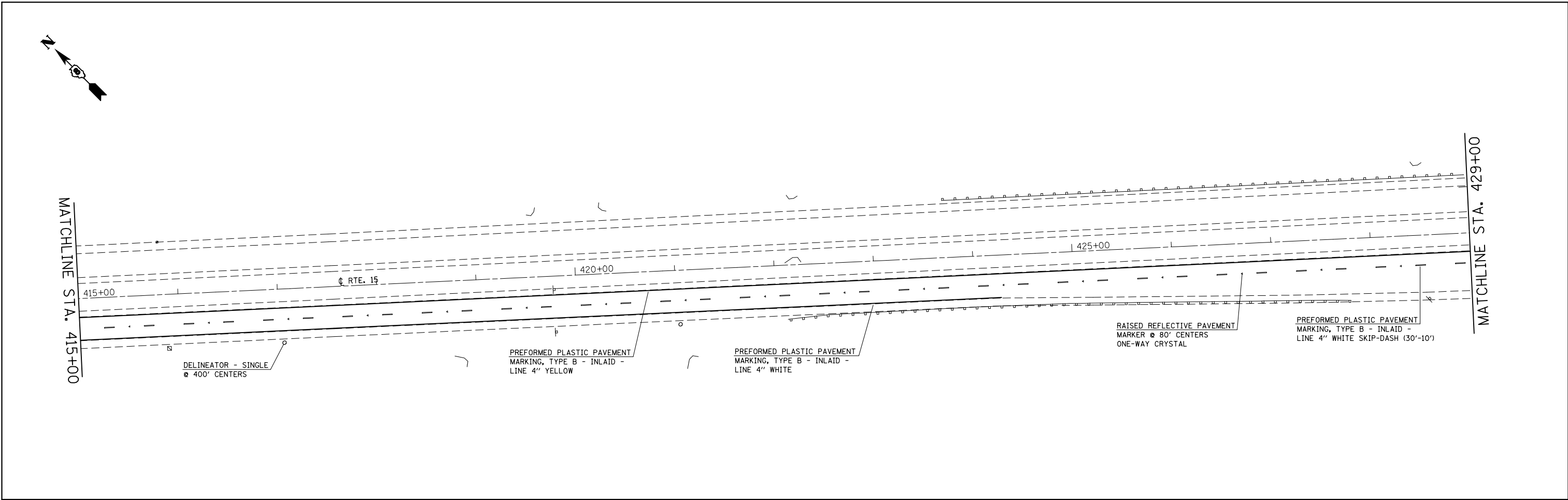
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET**

SCALE: 1" = 50'    SHEET NO. 12 OF 23 SHEETS    STA. 385+00 TO STA. 415+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	74
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



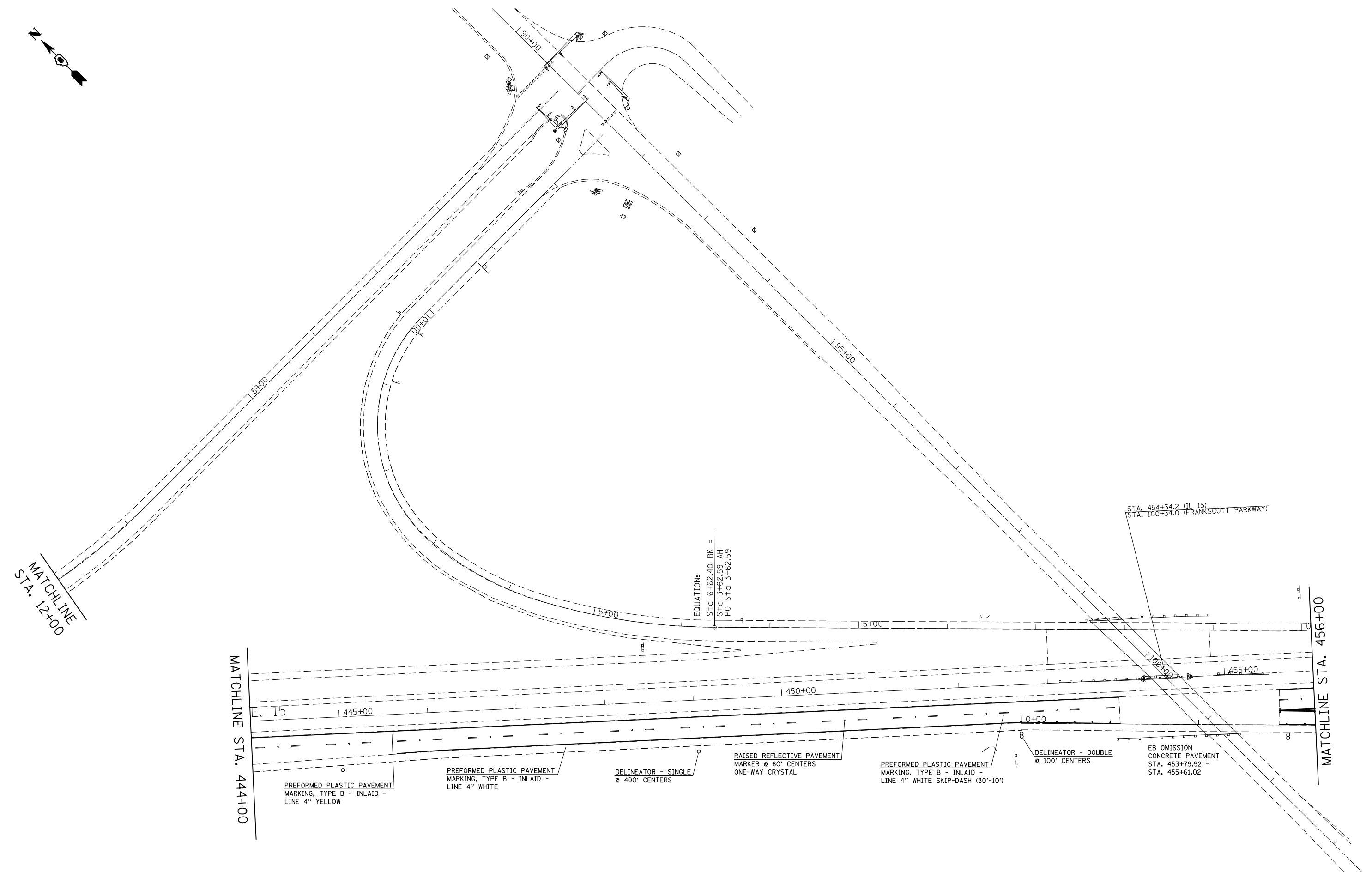
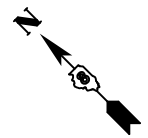
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET**

SCALE: 1" = 50'    SHEET NO. 13 OF 23 SHEETS    STA. 415+00 TO STA. 444+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	75
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EQUATION:  
 STA 6+62.40 BK =  
 STA 3+62.59 AH  
 PC STA 3+62.59

STA. 454+34.2 (IL 15)  
 STA. 100+34.0 (FRANKSCOTT PARKWAY)

MATCHLINE STA. 444+00

MATCHLINE STA. 456+00

PREFORMED PLASTIC PAVEMENT  
 MARKING, TYPE B - INLAID -  
 LINE 4" YELLOW

PREFORMED PLASTIC PAVEMENT  
 MARKING, TYPE B - INLAID -  
 LINE 4" WHITE

DELINEATOR - SINGLE  
 @ 400' CENTERS

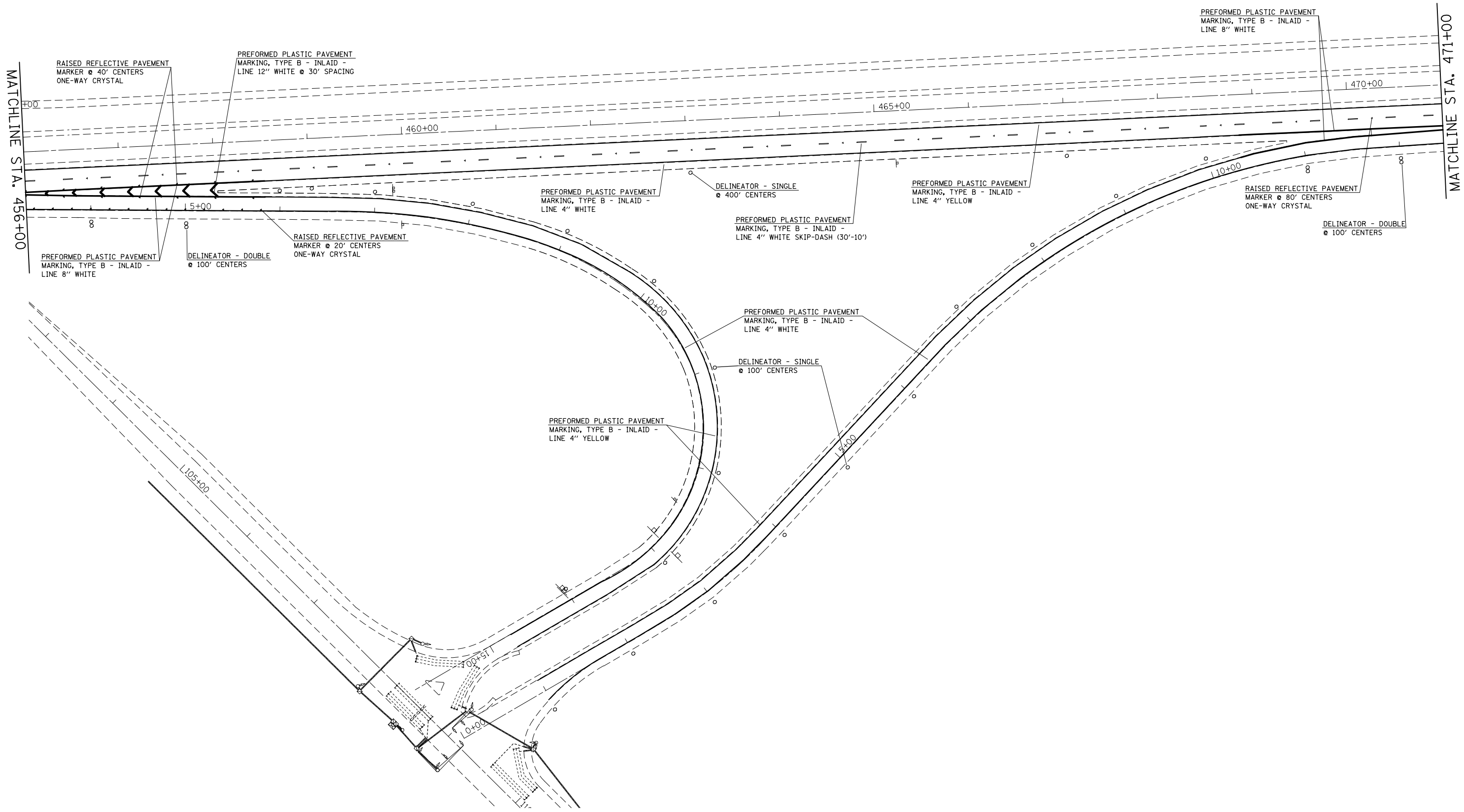
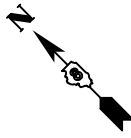
RAISED REFLECTIVE PAVEMENT  
 MARKER @ 80' CENTERS  
 ONE-WAY CRYSTAL

PREFORMED PLASTIC PAVEMENT  
 MARKING, TYPE B - INLAID -  
 LINE 4" WHITE SKIP-DASH (30'-10')

DELINEATOR - DOUBLE  
 @ 100' CENTERS

EB OMISSION  
 CONCRETE PAVEMENT  
 STA. 453+79.92 -  
 STA. 455+61.02

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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	76
PLOT DATE = 10/18/2013	DATE -	REVISED -	REVISED -		SCALE: 1" = 50'    SHEET NO. 14 OF 23 SHEETS    STA. 444+00 TO STA. 456+00			CONTRACT NO. 76G37				
					FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT							



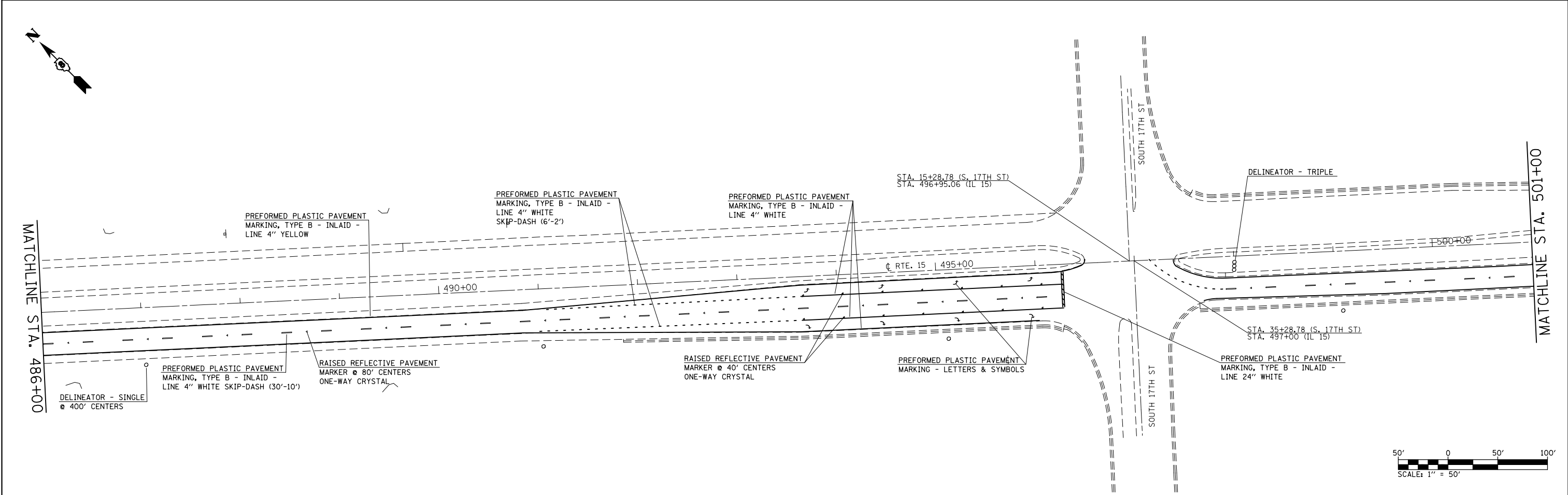
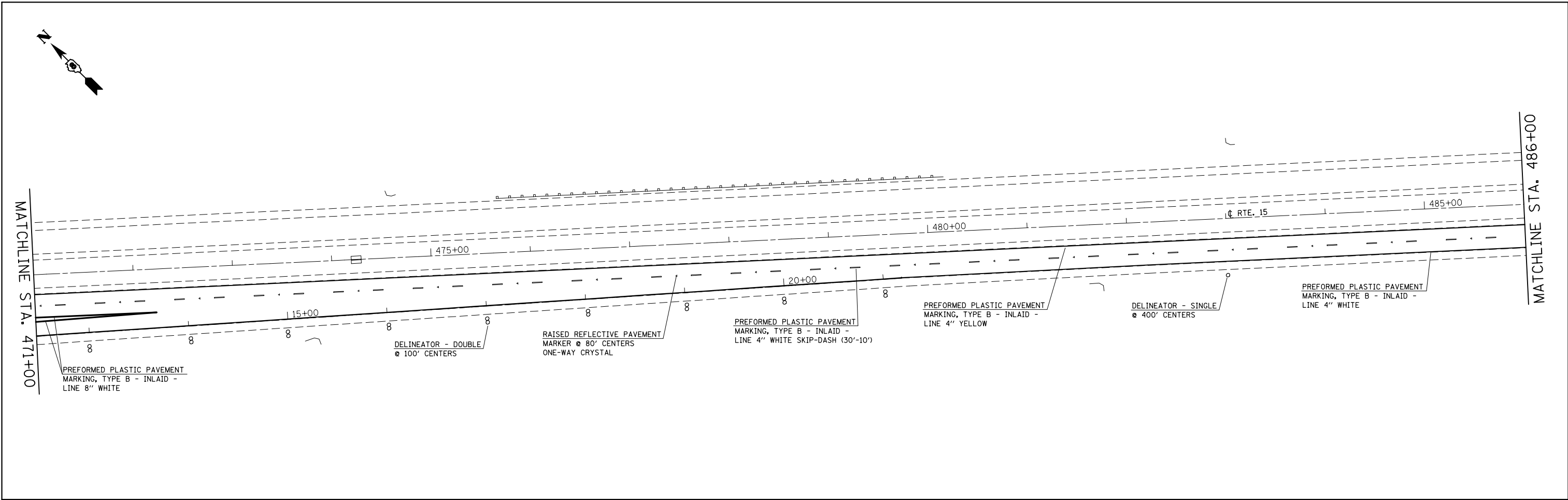
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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET**

SCALE: 1" = 50'      SHEET NO. 15 OF 23 SHEETS      STA. 456+00 TO STA. 471+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	77
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



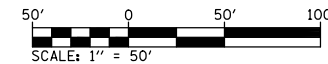
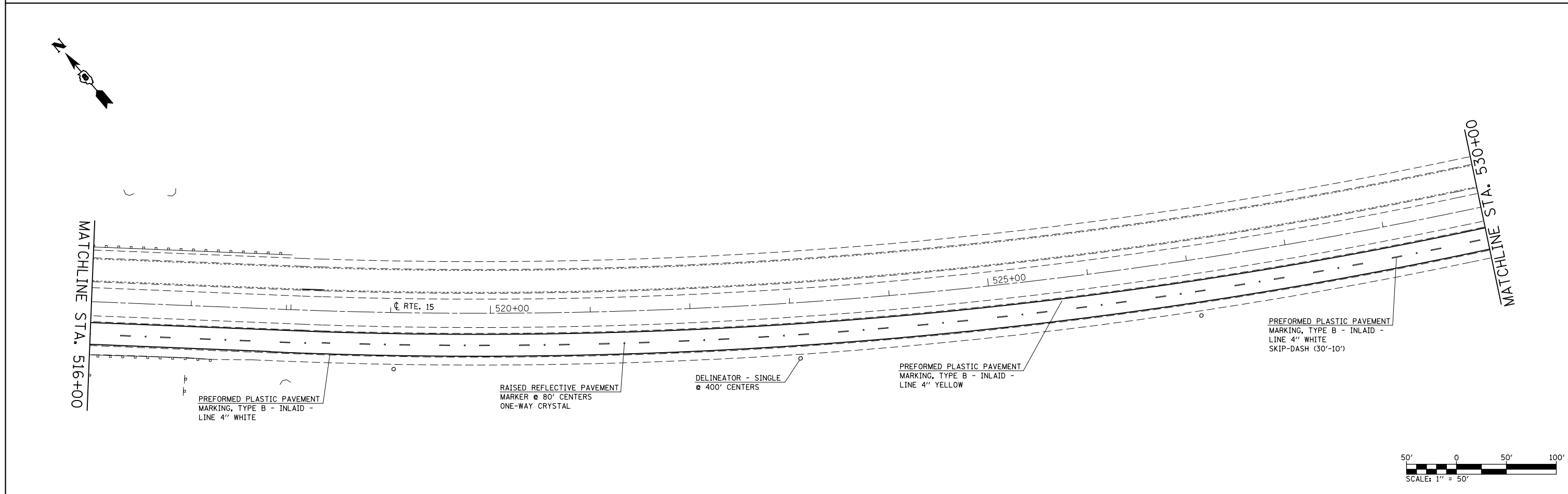
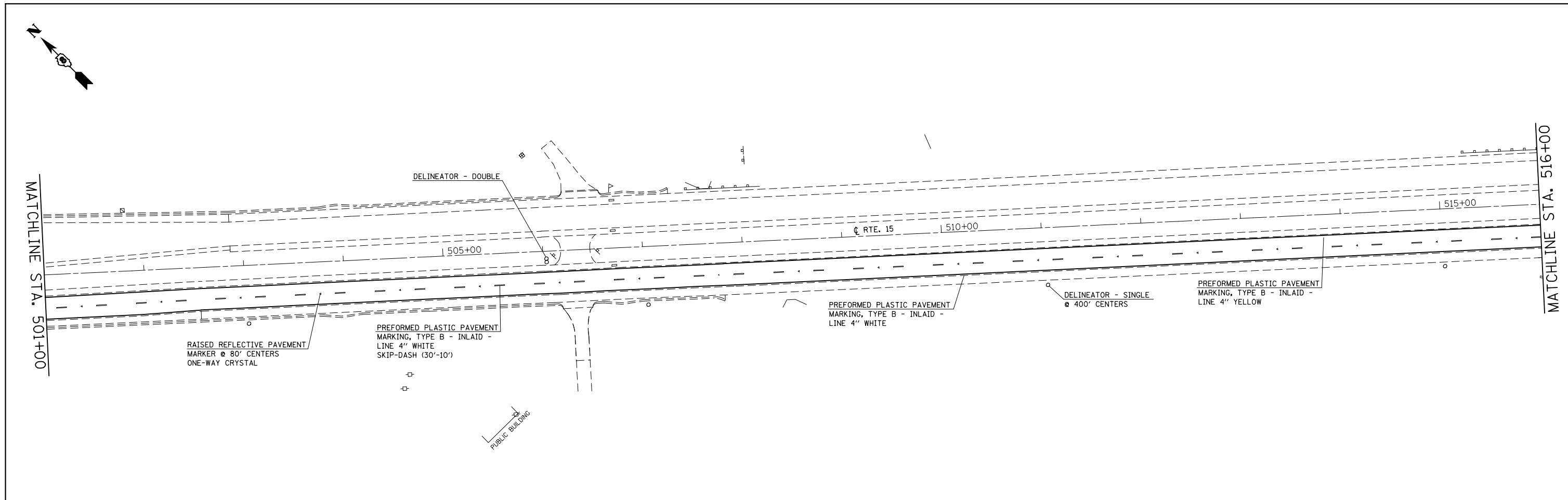
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PLOT DATE = 10/18/2013		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET**

SCALE: 1" = 50'    SHEET NO. 16 OF 23 SHEETS    STA. 471+00 TO STA. 501+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	78
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				



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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET**

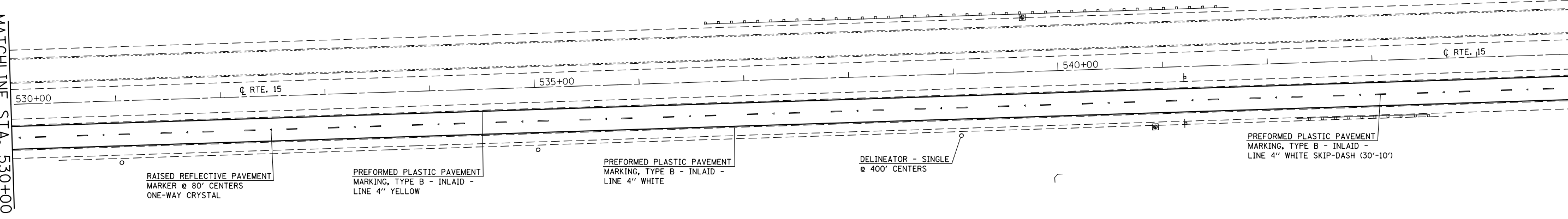
SCALE: 1" = 50'    SHEET NO. 17 OF 23 SHEETS    STA. 501+00 TO STA. 530+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	79
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				



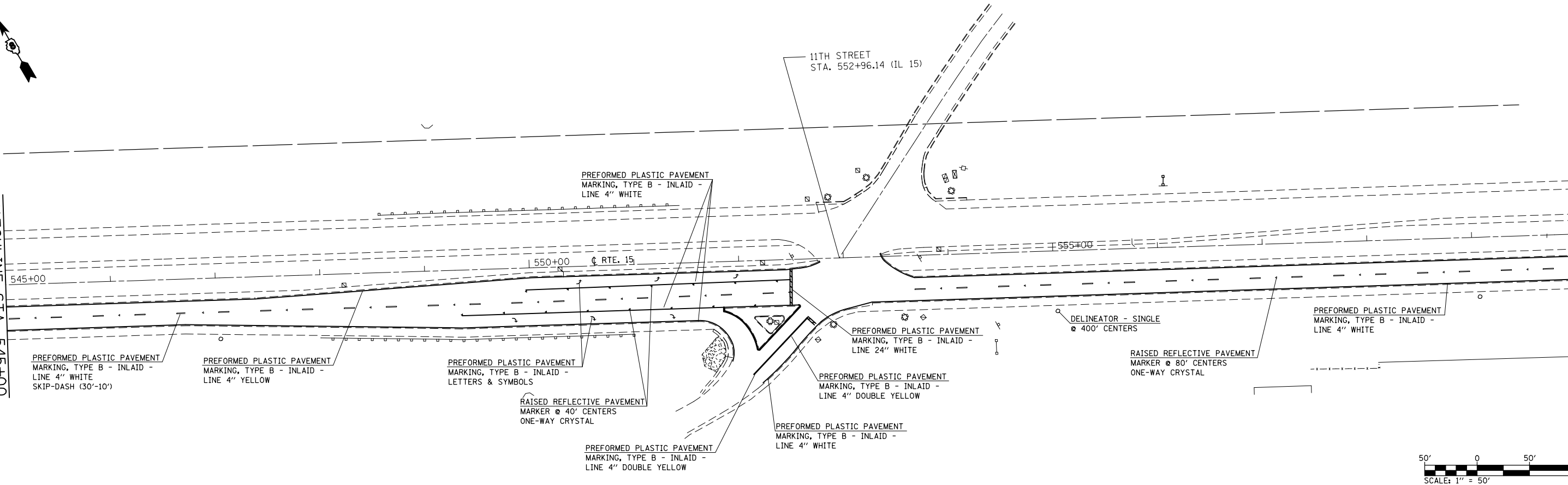
MATCHLINE STA. 530+00

MATCHLINE STA. 545+00



MATCHLINE STA. 545+00

MATCHLINE STA. 560+00



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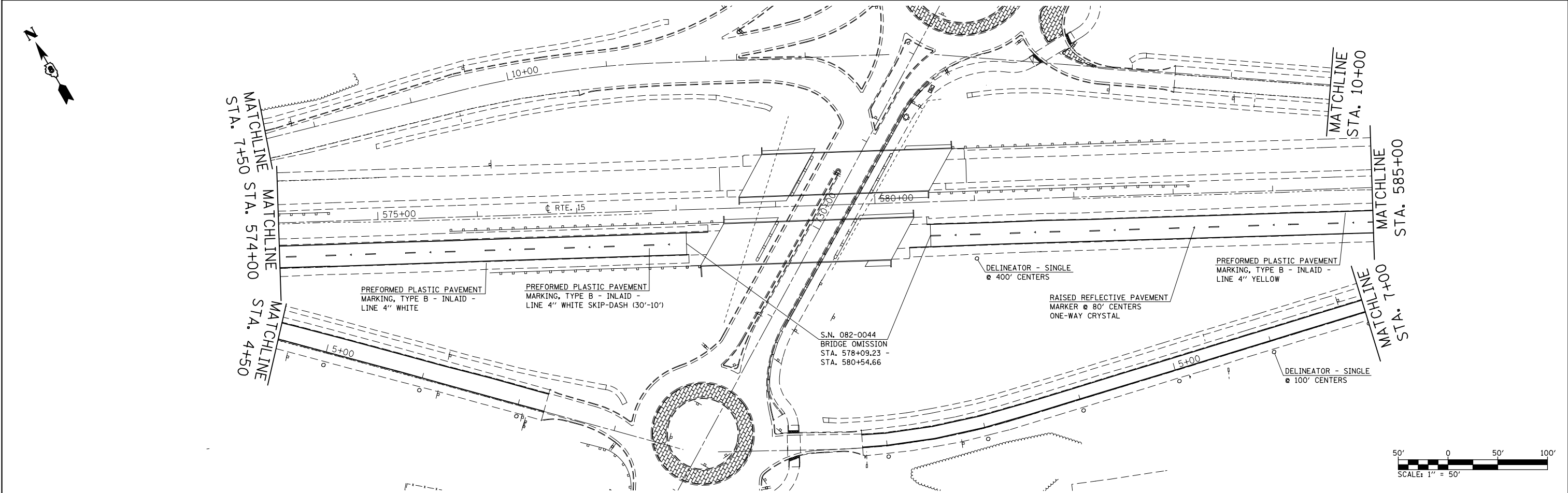
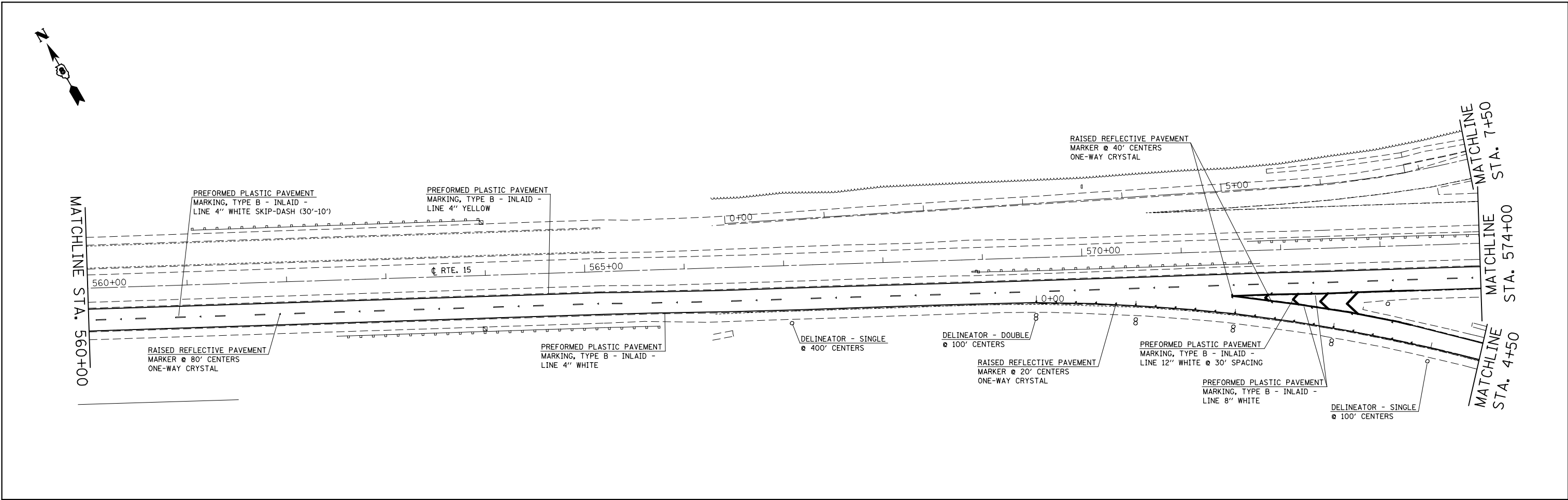
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET**

SCALE: 1" = 50'    SHEET NO. 18 OF 23 SHEETS    STA. 530+00 TO STA. 560+00

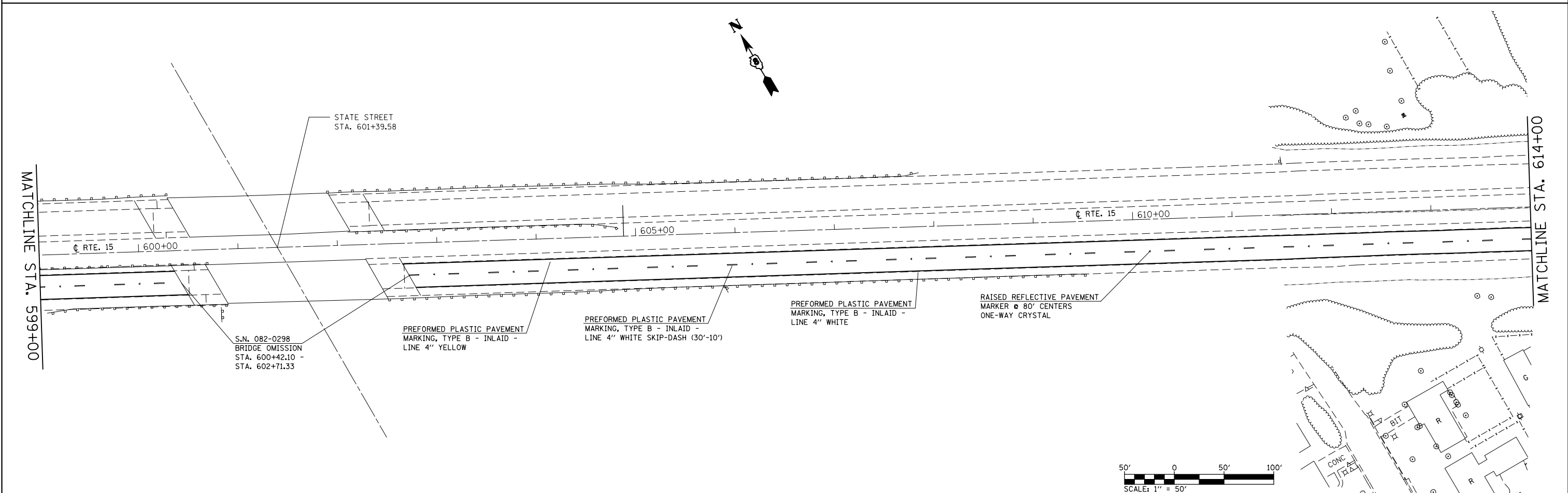
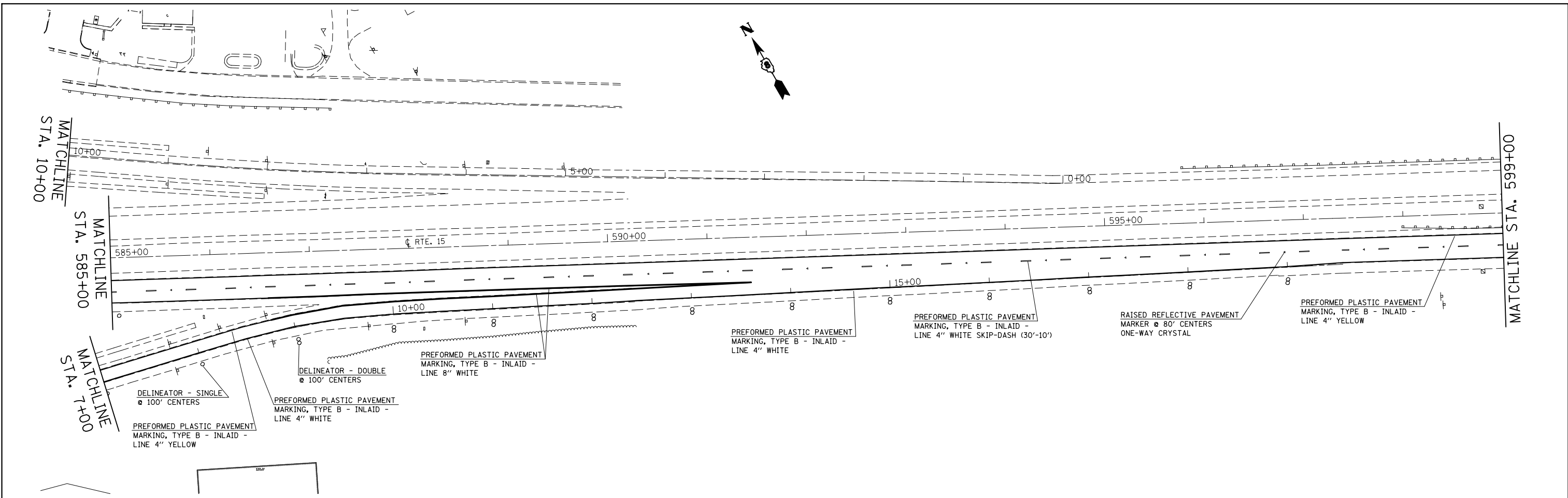
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	80
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



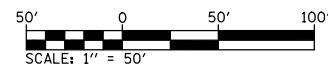
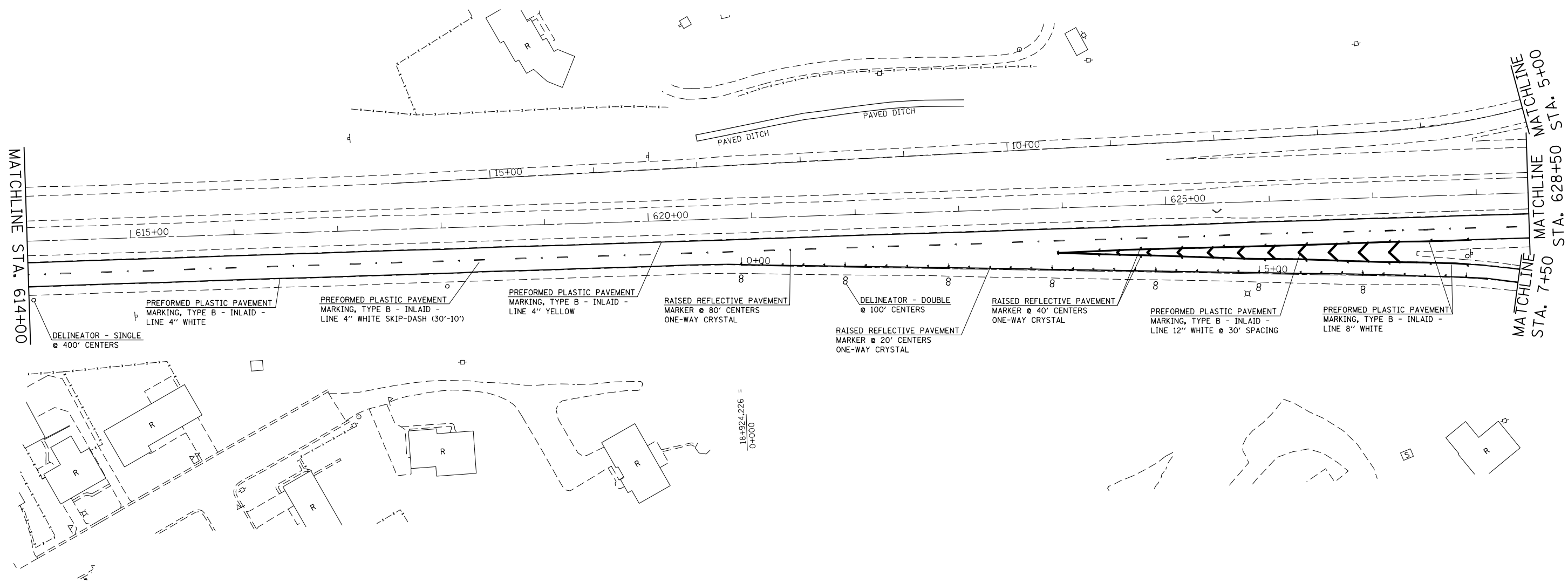
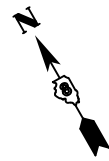


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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76G37							
PLOT DATE = 10/18/2013		DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					

SCALE: 1" = 50'    SHEET NO. 19 OF 23 SHEETS    STA. 560+00 TO STA. 585+00



FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\conoverpj\d0340733\d076g37-shd-pmk.dgn		DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 20 OF 23 SHEETS	STA. 585+00 TO STA. 614+00	103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	82
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 76C37				
	PLOT DATE = 10/18/2013	DATE -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

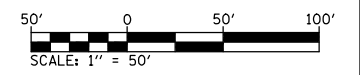
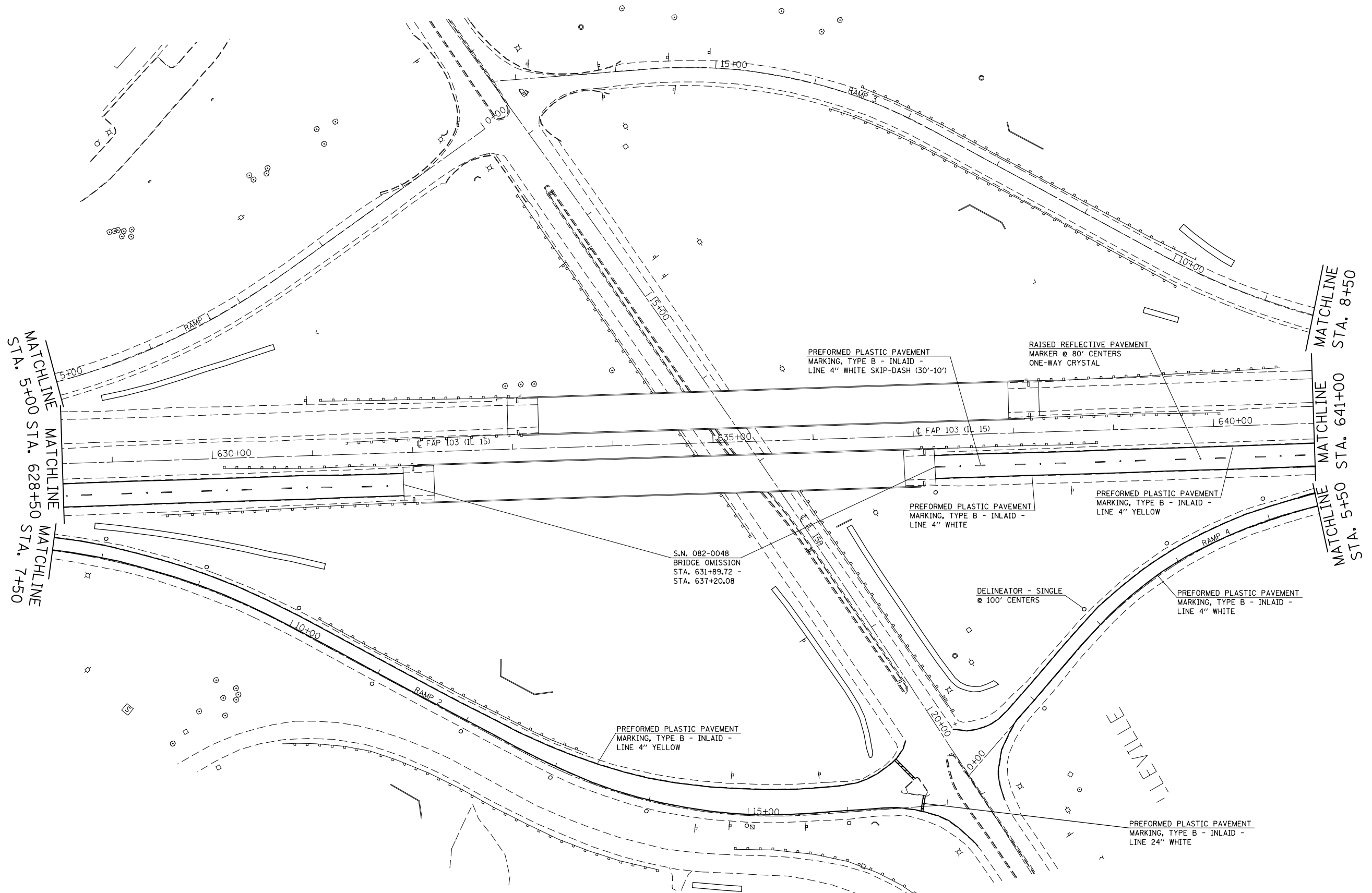


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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING SHEET</b>		
SCALE: 1" = 50'	SHEET NO. 21 OF 23 SHEETS	STA. 614+00 TO STA. 628+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	83
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



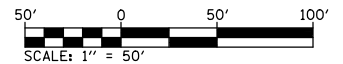
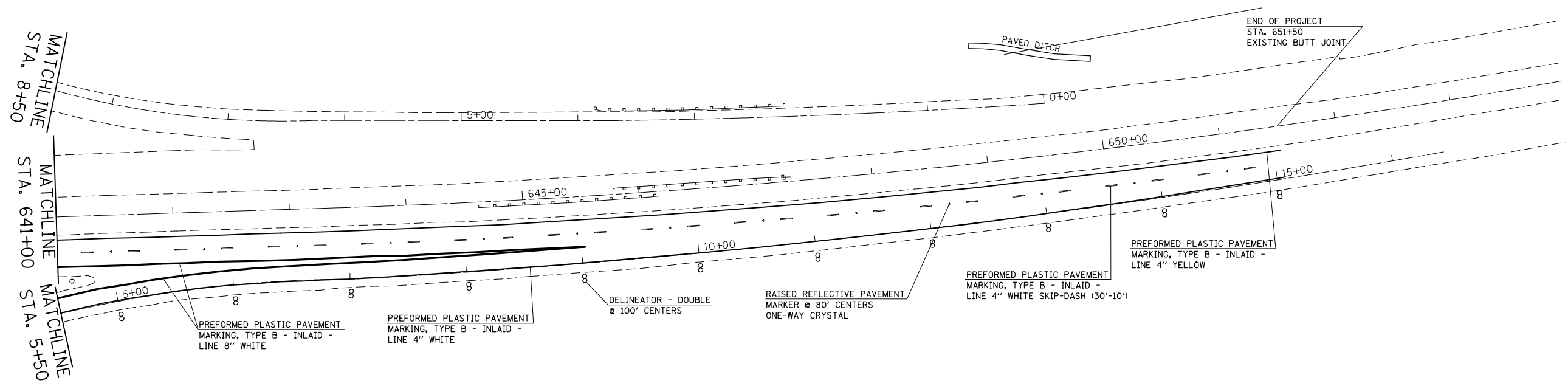
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET**

SCALE: 1" = 50'    SHEET NO. 22 OF 23 SHEETS    STA. 628+50 TO STA. 641+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	84
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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	PLOT DATE = 10/18/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SHEET**

SCALE: 1" = 50'    SHEET NO. 23 OF 23 SHEETS    STA. 641+00 TO STA. 651+50

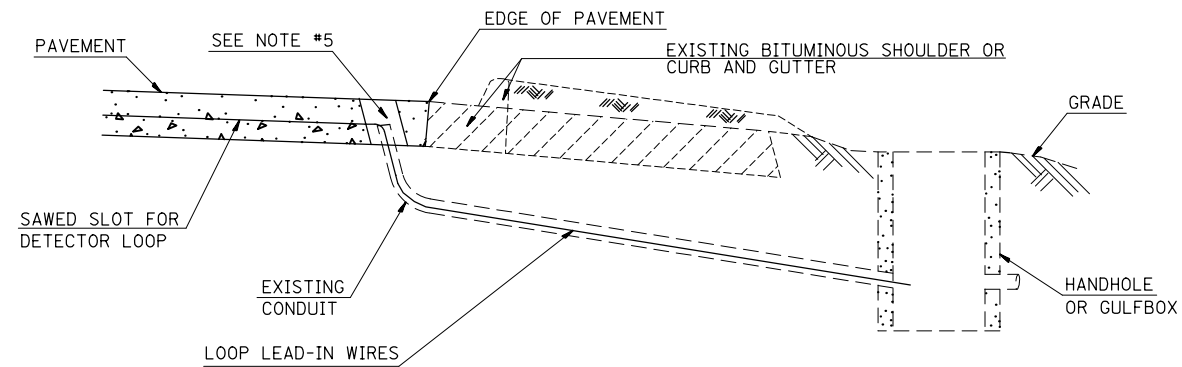
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	85
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**NOTES:**

SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS"  
FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS.

SEE "DETAIL A" FOR INSTALLING DETECTOR LOOP WIRES  
IN EXISTING CONDUITS.

SCHEDULE OF QUANTITIES			TOTAL QUANTITIES	IL015 & POCKET RD.	IL015 & DEMAZENOD DR.	IL015 & 74TH ST.	IL015 & 17TH ST.	IL015 & 11TH ST.	IL015 & IL159
CODE NO.	ITEM	UNIT							
88300100	LOCATING UNDERGROUND CABLE	FOOT	210	30	40	30	30	50	30
88600600	DETECTOR LOOP REPLACEMENT	FOOT	5989	1254	868	781	804	1870	412



**DETAIL A**  
(NO SCALE)

**INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUIT**

1. DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
2. REMOVE EXISTING DETECTOR LOOP WIRES TO HANDHOLE OR GULFBOX.
3. INSTALL NEW LOOP LEAD-IN WIRES IN EXISTING CONDUIT.
4. SPLICE NEW DETECTOR LOOP WIRES TO EXISTING LOOP LEAD-IN CABLE IN HANDHOLE OR GULFBOX.
5. FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.
6. LOCATING UNDERGROUND CABLE WILL BE PAID FOR SEPARATELY.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT"

**DETECTOR LOOP REPLACEMENT LEGEND**

- ☒ EX. HANDHOLE
- EX. DETECTOR LOOP
- ☒ EX. TRAFFIC SIGNAL CONTROLLER
- EXISTING CONDUIT
- ▭ PROPOSED DETECTOR LOOP

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETECTOR LOOP REPLACEMENT PLAN GENERAL NOTES, SCHEDULE OF QUANTITIES, DETAIL AND LEGEND</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\conoverpj\d0340733\d076g37-sh-t-19plan.dgn	DRAWN -	REVISED -	103			(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	86	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 76G37							
PLOT DATE = 10/18/2013	DATE -	REVISED -	SCALE:			SHEET NO. 1 OF 7 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

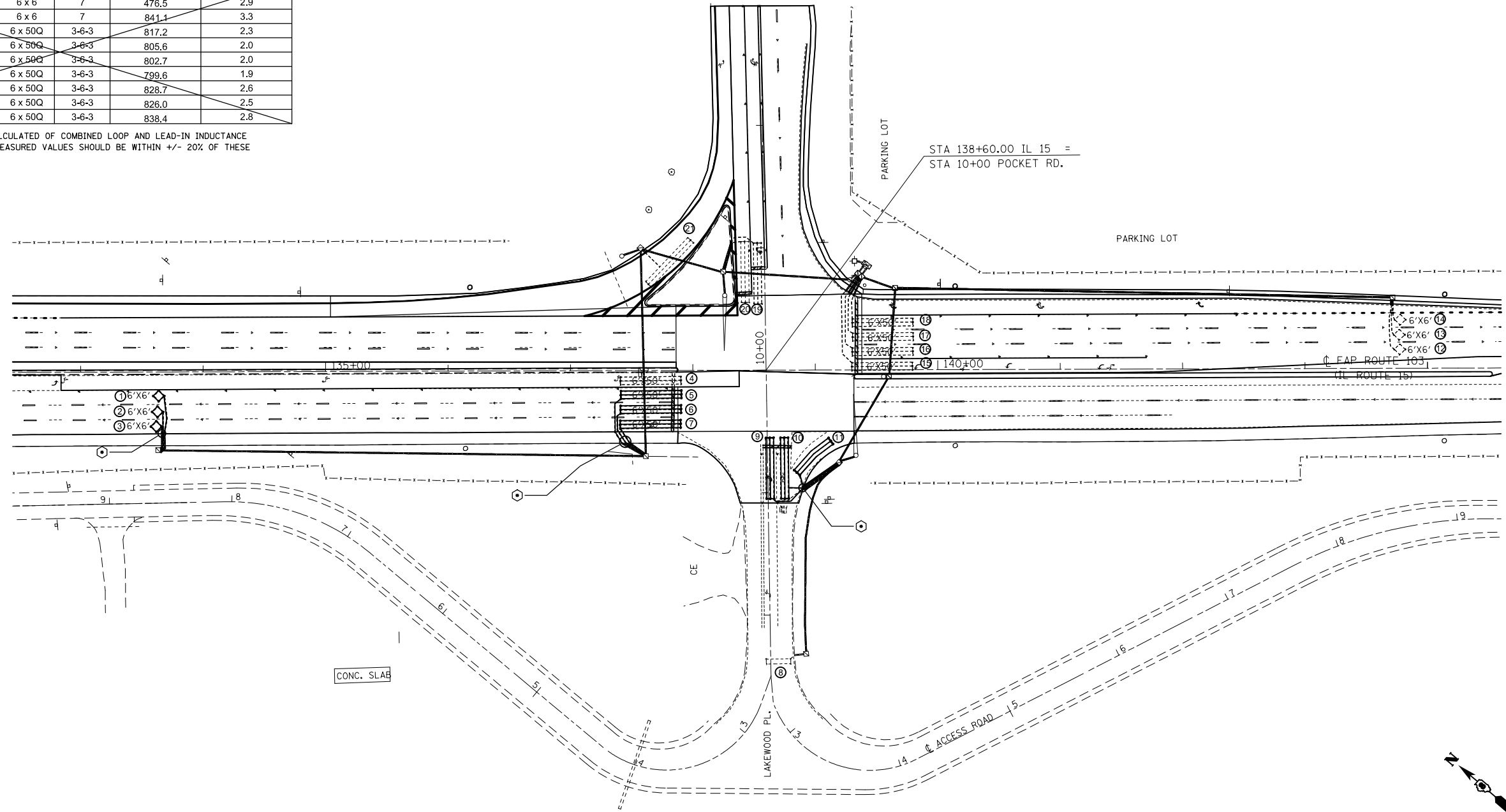
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS  
FOR IL 015 AND POCKET RD.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. EB CCO 1	5	6 x 6	7	540.9	4.4
2. EB CCO 2	5	6 x 6	7	538.1	4.3
3. EB CCO 3	5	6 x 6	7	535.4	4.3
4. EB LT CD	2	<del>6 x 50Q</del>	<del>3-6-3</del>	<del>848.7</del>	<del>3.0</del>
5. EB THRU CD A	5	6 x 50Q	3-6-3	873.6	3.6
6. EB THRU CD B	5	6 x 50Q	3-6-3	870.7	3.5
7. EB THRU CD C	5	6 x 50Q	3-6-3	867.8	3.5
8. NB CCO	8	<del>4 x 20</del>	<del>7</del>	<del>827.8</del>	<del>3.0</del>
9. NB LT CD	8	6 x 50Q	3-6-3	856.0	3.2
10. NB THRU CD	8	6 x 50Q	3-6-3	856.0	3.2
11. NB RT CD	8	6 x 50Q	3-6-3	844.3	2.9
12. WB CCO A	6	6 x 6	7	479.1	3.0
13. WB CCO B	6	6 x 6	7	476.5	2.9
14. WB CCO C	7	6 x 6	7	841.1	3.3
15. WB LT CD	1	6 x 50Q	3-6-3	817.2	2.3
16. WB THRU CD A	6	<del>6 x 50Q</del>	<del>3-6-3</del>	<del>805.6</del>	<del>2.0</del>
17. WB THRU CD B	6	6 x 50Q	3-6-3	802.7	2.0
18. WB THRU CD C	6	6 x 50Q	3-6-3	799.6	1.9
19. SB LT CD	4	6 x 50Q	3-6-3	828.7	2.6
20. SB THRU CD	4	6 x 50Q	3-6-3	826.0	2.5
21. SB RT CD	4	6 x 50Q	3-6-3	838.4	2.8

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

⊕=SEE DETAIL A



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN  
IL015 AND POCKET ROAD

SCALE: SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	87
CONTRACT NO. 76G37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

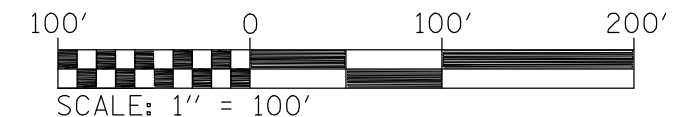
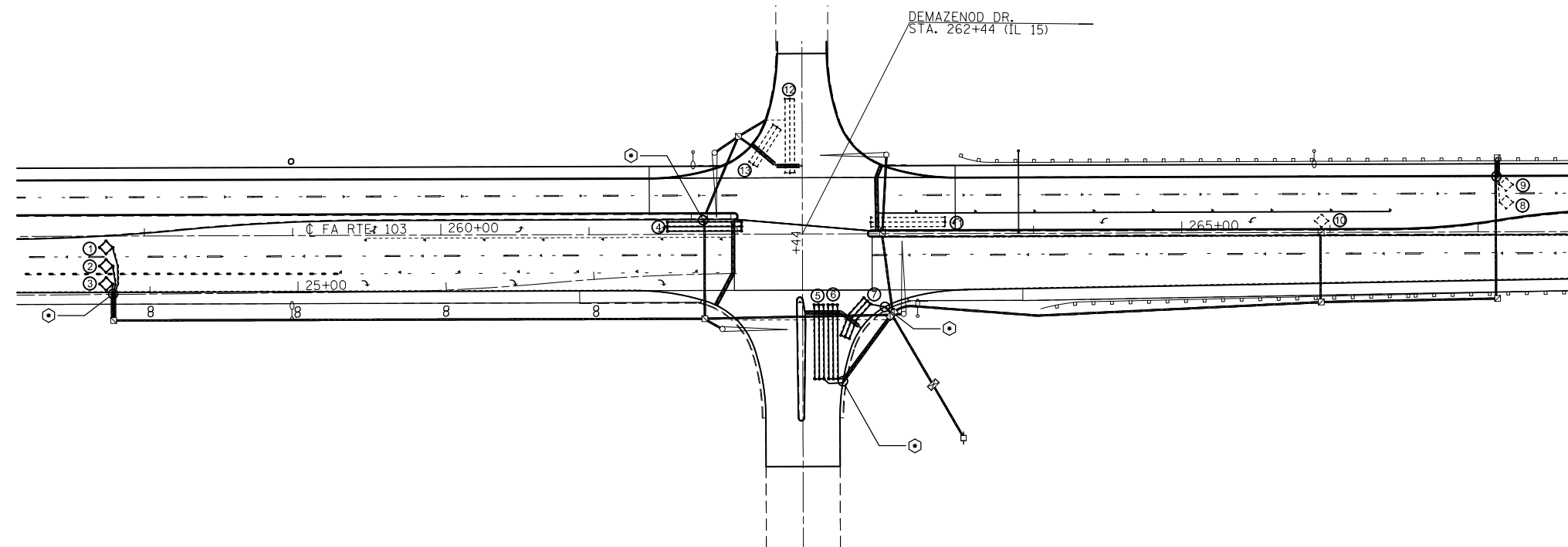
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS  
FOR IL 015 AND DEMAZENOD DR.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. EB CCO A	1	6 x 6	7	511.2	3.7
2. EB CCO B	1	6 x 6	7	508.4	3.7
3. EB CCO C	1	6 x 6	7	505.7	3.6
4. EB LT CD	6	6 x 50-Q	3-6-3	847.8	3.0
5. NB LT CD	3	6 x 50-Q	3-6-3	813.1	2.2
6. NB THRU CD	3	6 x 50-Q	3-6-3	810.4	2.1
7. NB CCO CD	3	6 x 30-Q	3-6-3	504.3	1.4
8. WB CCO A	5	6 x 6	7	459.5	3.6
9. WB CCO B	2	6 x 6	7	388.5	1.0
10. WB CCO C	2	6 x 6	7	500.5	2.5
11. WB LT CD	2	6 x 50-Q	3-6-3	816.1	2.3
12. SB THRU-LT CD	2	6 x 50-Q	3-6-3	868.9	3.5
13. SB RT CD	2	6 x 50-Q	3-6-3	865.0	3.4

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

⊕ =SEE DETAIL A



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PLOT DATE = 10/18/2013		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN  
IL015 AND DEMAZENOD DR.

SCALE: SHEET NO. 3 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	88
CONTRACT NO. 76G37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



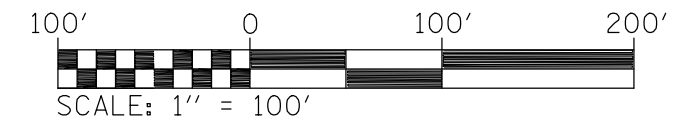
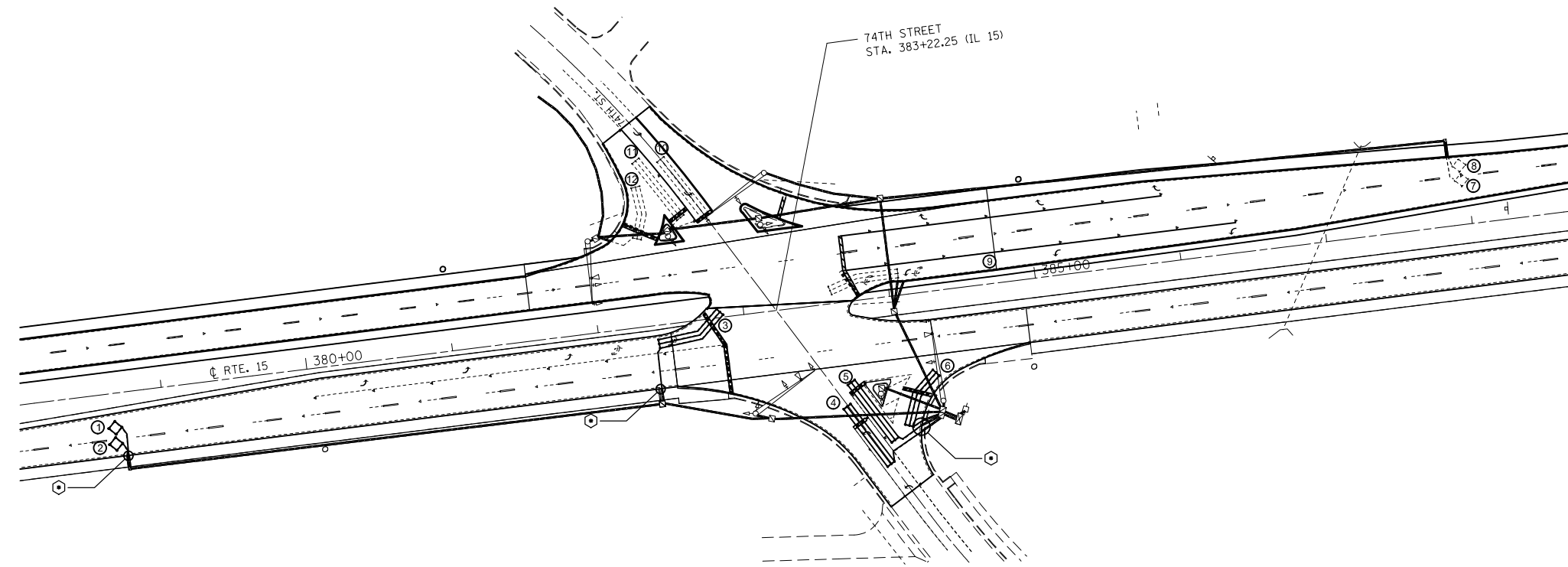
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS  
FOR IL 015 AND 74TH ST.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. EB CCO A	6	6 x 6	7	502	3.5
2. EB CCO B	6	6 x 6	7	499	3.4
3. EB LT CD	1	6 x 50-Q	3-6-3	842	2.9
4. NB LT CD	4	6 x 40-Q	3-6-3	651	1.6
5. NB THRU CD	4	6 x 50-Q	3-6-3	798	1.9
6. NB RT CD	4	6 x 50-Q	3-6-3	795	1.8
7. WB CCO A	2	6 x 6	7	506	3.6
8. WB CCO B	2	6 x 6	7	504	3.6
9. WB LT CD	5	6 x 50-Q	3-6-3	822	2.4
10. SB LT CD	3	6 x 50-Q	3-6-3	877	3.7
11. SB THRU CD	3	6 x 50-Q	3-6-3	873	3.6
12. SB RT CD	3	6 x 40-Q	3-6-3	723	3.3

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

⊙ =SEE DETAIL A



FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETECTOR LOOP REPLACEMENT PLAN IL015 AND 74TH ST.</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 10/18/2013	CHECKED -	REVISED -			CONTRACT NO. 76G37					
		DATE -	REVISED -			SCALE:	SHEET NO. 4 OF 7 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

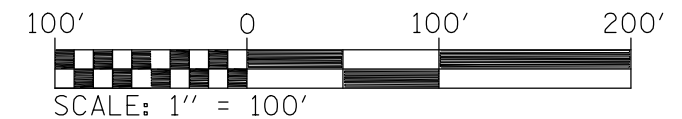
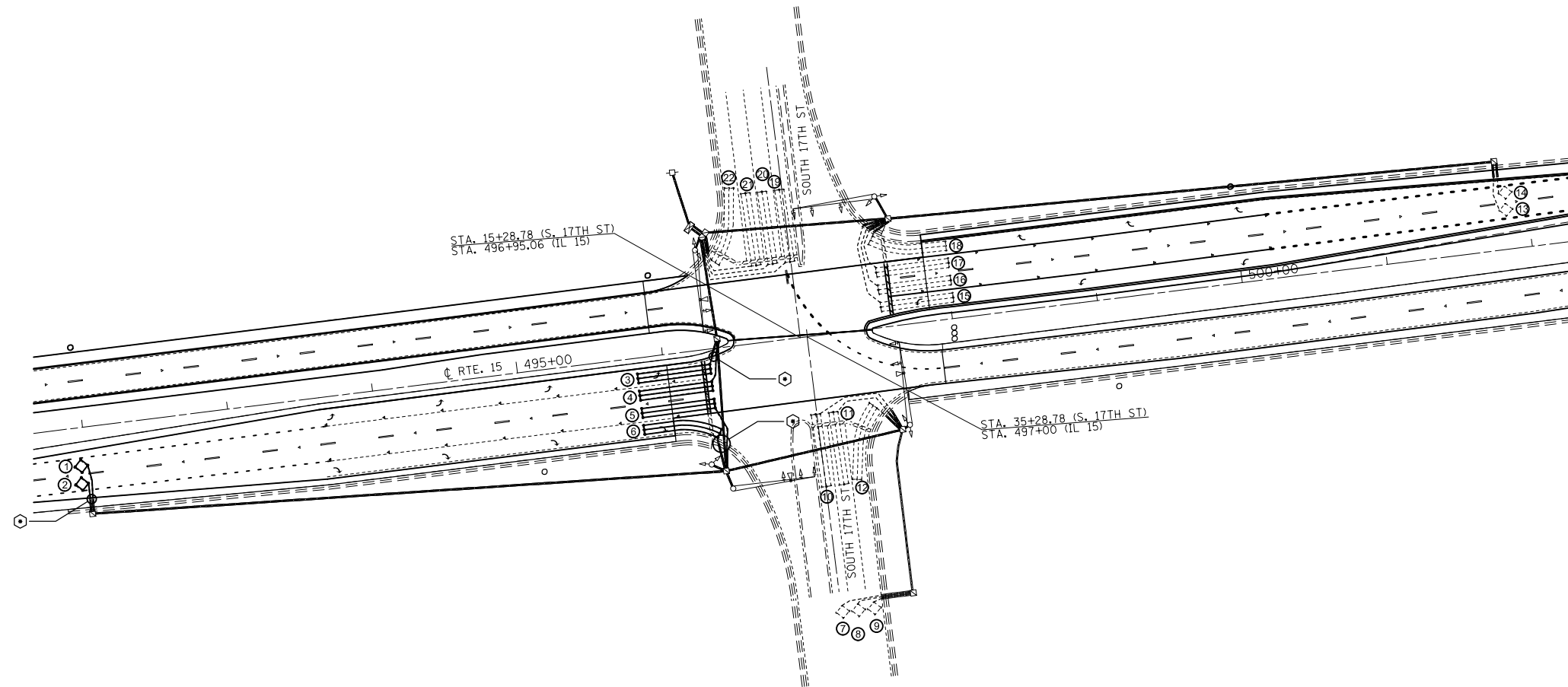
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS  
FOR IL 015 AND 17TH ST.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. EB CCO A	6	6 x 6	7	515	3.8
2. EB CCO B	6	6 x 6	7	513	3.8
3. EB LT CD	1	6 x 50-Q	3-6-3	813	2.2
4. EB THRU CD A	6	6 x 50-Q	3-6-3	816	2.3
5. EB THRU CD B	6	6 x 50-Q	3-6-3	840	2.8
6. EB RT CD	6	6 x 50-Q	3-6-3	836	2.7
7. NB CCO A	8	6 x 6	7	474	2.9
8. NB CCO B	8	6 x 6	7	472	2.8
9. NB CCO C	8	6 x 6	7	469	2.8
10. NB LT CD	3	6 x 50-Q	3-6-3	873	3.6
11. NB THRU CD	8	6 x 50-Q	3-6-3	870	3.5
12. NB RT CD	8	6 x 50-Q	3-6-3	863	3.4
13. WB CCO A	2	6 x 6	7	501	3.5
14. WB CCO B	2	6 x 6	7	498	3.4
15. WB LT CD	5	6 x 50-Q	3-6-3	837	2.8
16. WB THRU CD A	2	6 x 50-Q	3-6-3	834	2.7
17. WB THRU CD B	2	6 x 50-Q	3-6-3	831	2.6
18. WB RT CD	2	6 x 50-Q	3-6-3	820	2.5
19. SB LT CD	7	6 x 50-Q	3-6-3	808	2.0
20. SB THRU CD A	4	6 x 50-Q	3-6-3	805	2.0
21. SB THRU CD B	4	6 x 50-Q	3-6-3	803	2.0
22. SB RT CD	4	6 x 50-Q	3-6-3	796	1.8

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

⊙ =SEE DETAIL A



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	PLOT DATE = 10/18/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN  
IL015 AND S. 17TH ST.

SCALE: SHEET NO. 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	90
CONTRACT NO. 76G37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

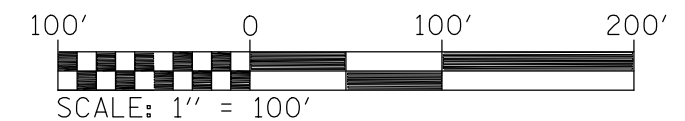
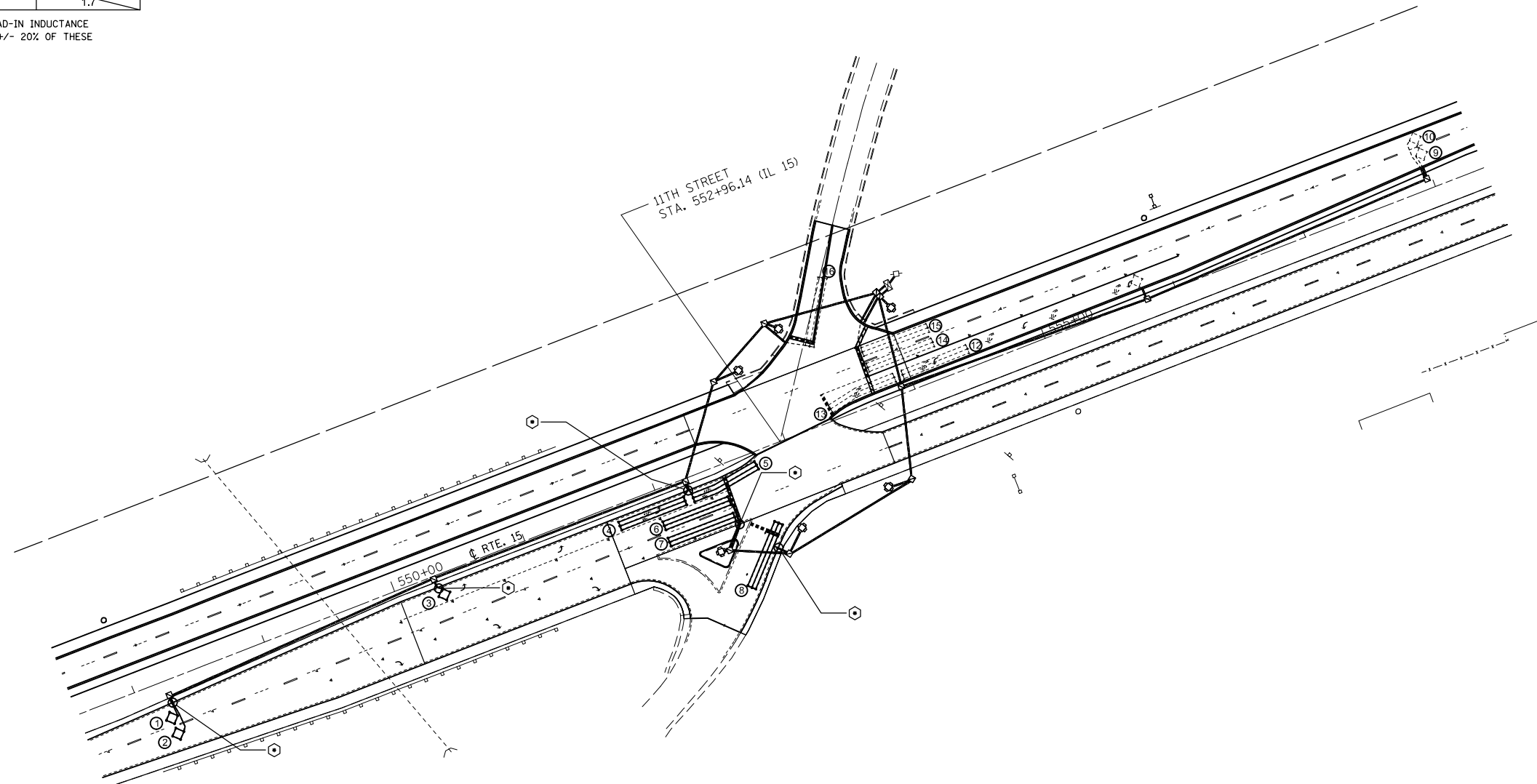
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS  
FOR IL 015 AND 11TH ST.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. EB CCO A	6	6 x 6	7	523	4.0
2. EB CCO B	6	6 x 6	7	517	3.9
3. EB CCO C	6	6 x 6	7	469	2.8
4. EB LT CD A	1	6 x 50-Q	3-6-3	474	2.3
5. EB LT CD B	1	6 x 50-Q	3-6-3	473	2.3
6. EB THRU CD A	6	6 x 50-Q	3-6-3	500	2.9
7. EB THRU CD B	6	6 x 50-Q	3-6-3	497	2.9
8. NB THRU-LT CD	4	6 x 50-Q	3-6-3	480	2.5
9. WB CCO A	2	6 x 6	7	482	3.1
10. WB CCO B	2	6 x 6	7	487	3.2
11. WB CCO C	2	6 x 6	7	433	1.9
12. WB LT CD A	5	6 x 50-Q	3-6-3	442	1.6
13. WB LT CD B	5	6 x 50-Q	3-6-3	442	1.6
14. WB THRU CD A	2	6 x 50-Q	3-6-3	435	1.4
15. WB THRU CD B	2	6 x 50-Q	3-6-3	431	1.4
16. SB THRU-LT CD	3	6 x 50-Q	3-6-3	447	1.7

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

⊙ =SEE DETAIL A



FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETECTOR LOOP REPLACEMENT PLAN IL015 AND S. 11TH ST.</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 10/18/2013	CHECKED -	REVISED -		CONTRACT NO. 76G37							
		DATE -	REVISED -		SCALE:	SHEET NO. 6 OF 7 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

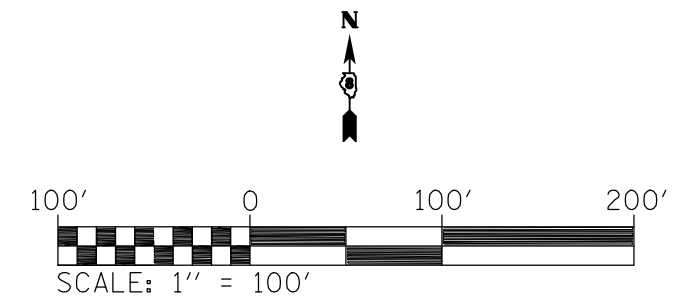
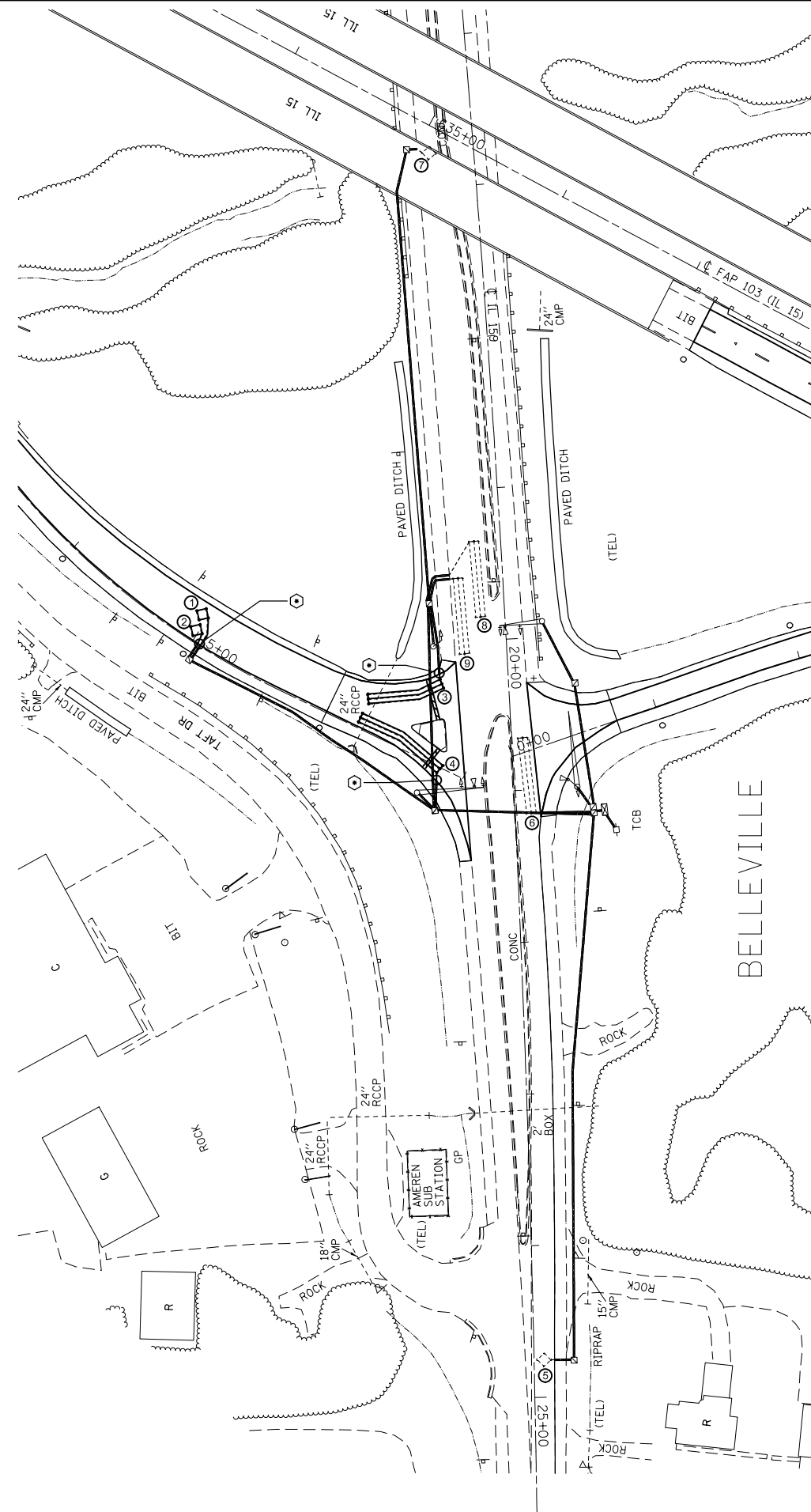
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS  
FOR IL 015 AND IL 159 EB RAMP

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. EB CCO A	8	6 x 6	7	444	2.2
2. EB CCO B	8	6 x 6	7	440	2.1
3. EB LT CD	8	6 x 50-Q	3-6-3	855	3.2
4. EB RT CD	8	6 x 50-Q	3-6-3	818	2.3
5. NB CCO	2	6 x 6	7	453	2.4
6. NB THRU CD	2	6 x 50-Q	3-6-3	798	1.9
7. SB CCO	6	6 x 6	7	493	3.3
8. SB LT CD	1	6 x 50-Q	3-6-3	856	3.2
9. SB THRU CD	6	6 x 50-Q	3-6-3	849	3.0

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

⊙ =SEE DETAIL A



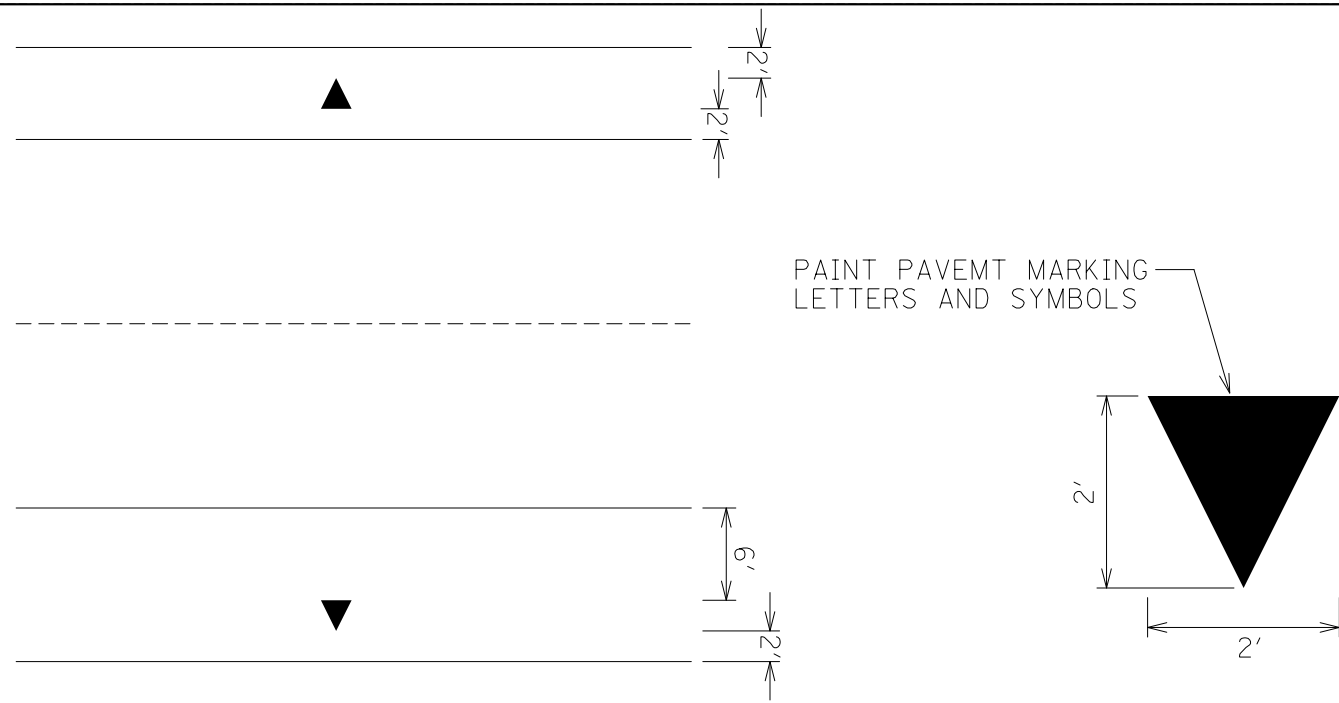
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		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN  
IL015 AND IL 159 EB RAMP

SCALE: SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	92
CONTRACT NO. 76G37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PIPE UNDERDRAIN OUTLET MARKING DETAIL

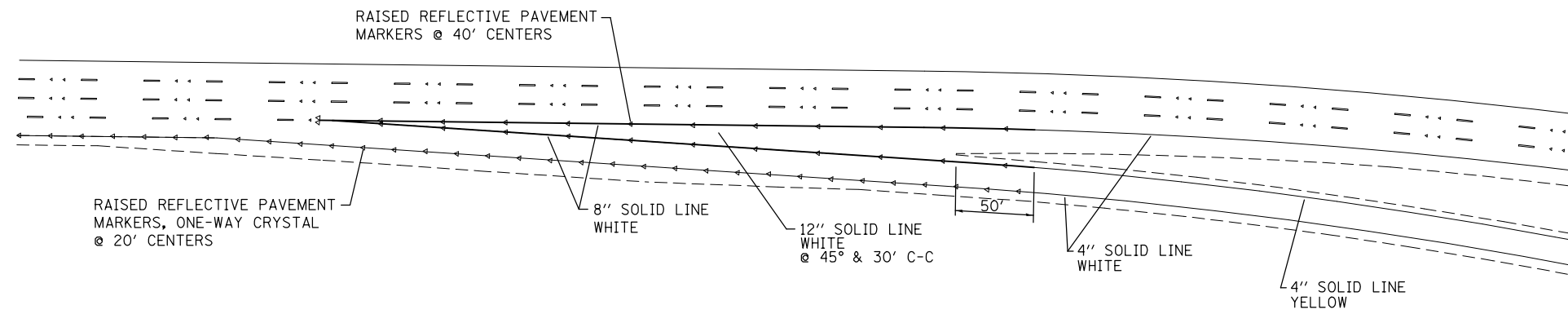
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

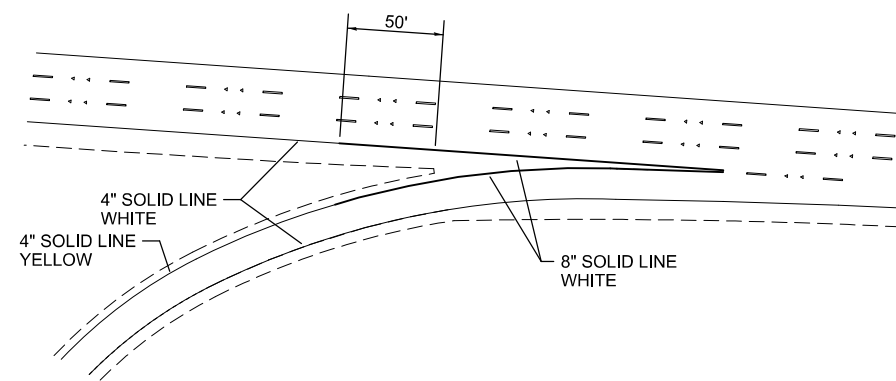
UNDERDRAIN OUTLET MARKER DETAIL

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1.3	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	93
CONTRACT NO. 76G37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



TYPICAL EXIT RAMP



TYPICAL ENTRANCE RAMP

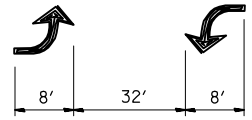
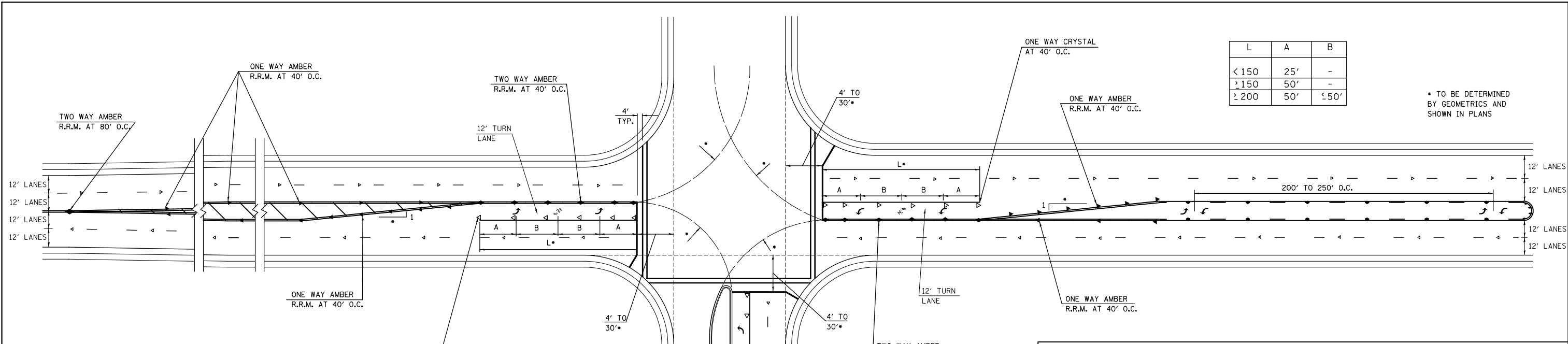
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RAMP STRIPING DETAILS

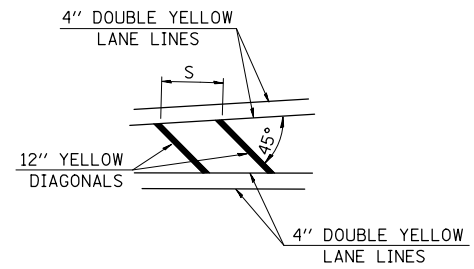
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	94
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G37	

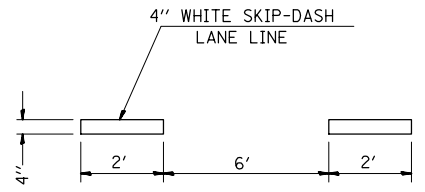


BI-DIRECTIONAL TURN ARROW @ 200' O. C.

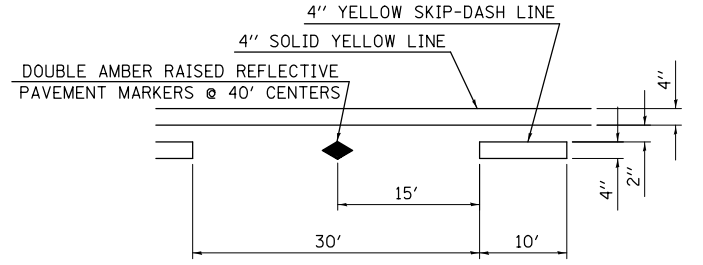
SPEED	CHANNELIZATION & GORES	OBJECTS	CONTINUOUS
< 30 MPH	15'	10'	50'
30-45 MPH	20'	15'	75'
> 45 MPH	30'	20'	150'



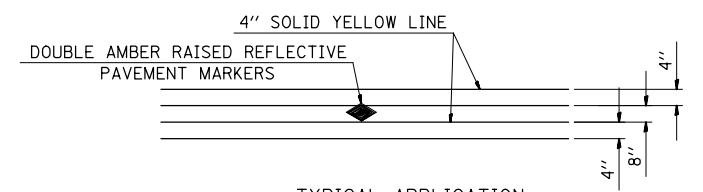
TYPICAL APPLICATION FOR MEDIAN STRIPING



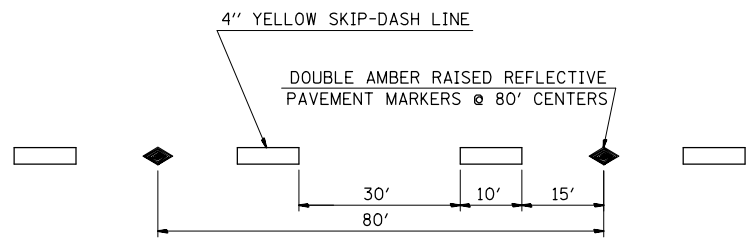
TYPICAL APPLICATION FOR WHITE SKIP-DASH LANE LINES



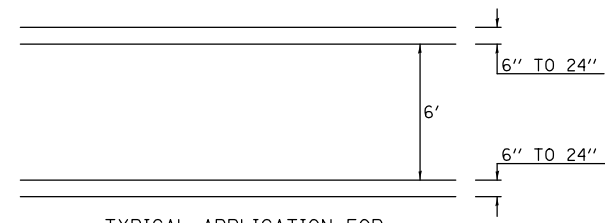
TYPICAL APPLICATION FOR BI-DIRECTIONAL TURN LANE WITH RAISED REFLECTIVE PAVEMENT MARKERS



TYPICAL APPLICATION FOR DOUBLE YELLOW LANE LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS



TYPICAL APPLICATION FOR YELLOW SKIP-DASH LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS



TYPICAL APPLICATION FOR PEDESTRIAN CROSSWALK

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	PLOT DATE = 10/18/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TURN LANE STRIPING DETAILS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(29-1,28-1,28-2,26-1)RS-1	ST. CLAIR	96	95
CONTRACT NO. 76G37				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

