

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

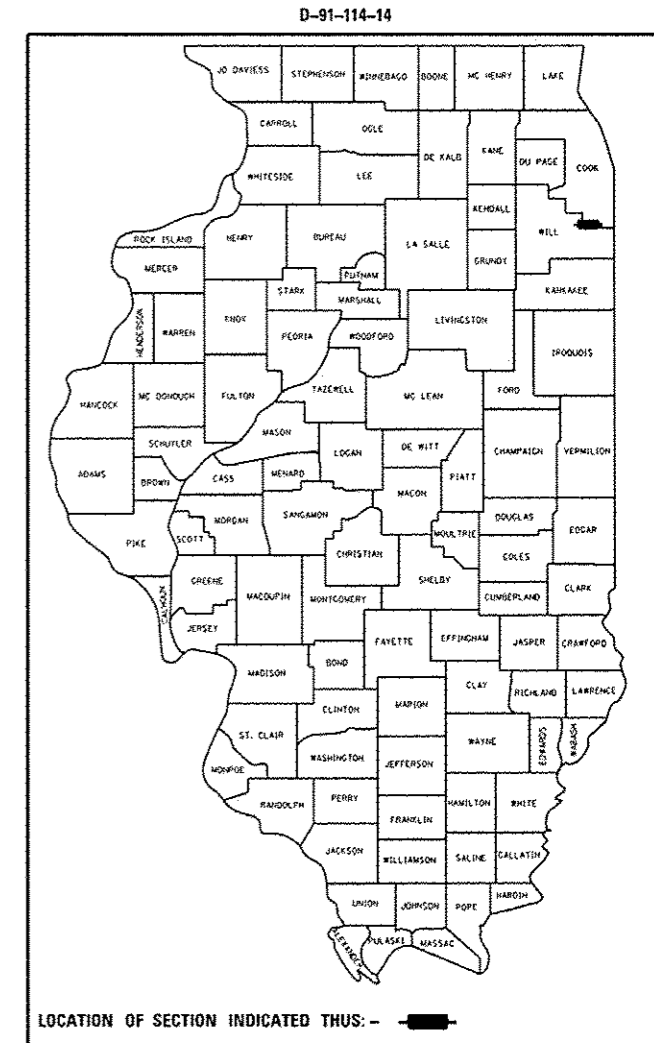
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-0721	COOK/WILL	43	1
		ILLINOIS	CONTRACT NO. 60X49	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE CITIES OF COUNTRY CLUB HILLS, HAZEL CREST, NEW LENOX, ORLAND PARK, AND IN THE VILLAGES OF MOKENA AND TINLEY PARK

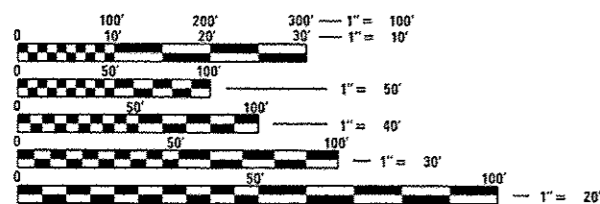
**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 80: INTERSTATE 80
SECTION: 2013-0721
U.S. 30 (LINCOLN HWY) TO I-294 (TRI-STATE TOLLWAY)
MILLED RUMBLE STRIPS AND GUARDRAIL INSTALLATION
PROJECT: ACHSIP-0080(402)
COOK COUNTY AND WILL COUNTY
C-91-114-14



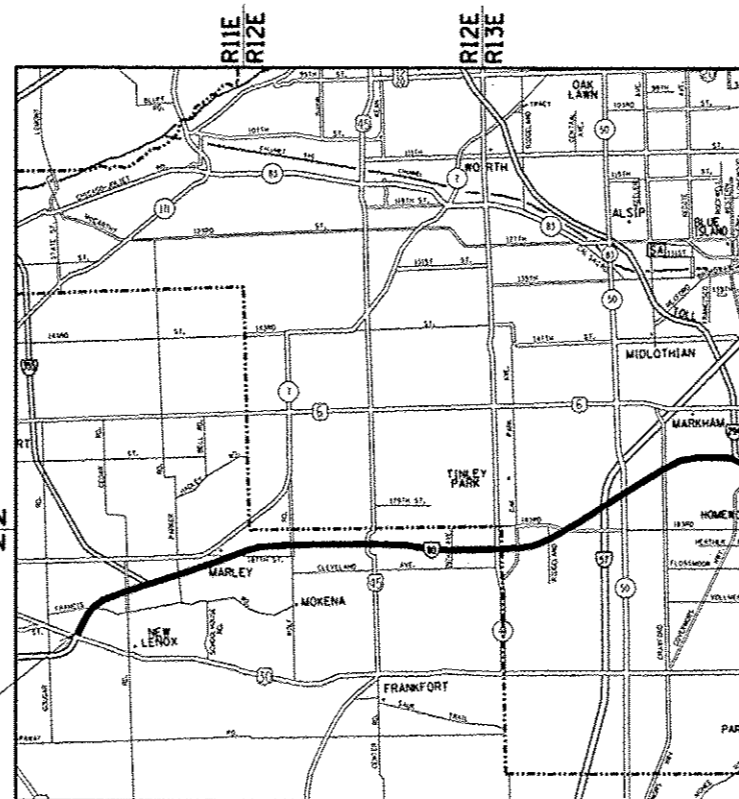
TRAFFIC DATA

2012 ADT
I-80 = 54,900 - 100,300 ADT
SPEED LIMIT (I-80) = 55 MPH - 65 MPH



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 BEGINS STATION 10+00

PROJECT ENDS STATION 1005+00

BREMEN, FRANKFORT, NEW LENOX, AND RICH TOWNSHIPS

GROSS LENGTH OF PROJECT = 99,500 FT = 18.84 MILE
NET LENGTH OF PROJECT = 99,500 FT = 18.84 MILE

PROJECT ENGINEER DAN WILGREEN (847) 705-4240
PROJECT MANAGER KEN ENG (847) 705-4247
CONTRACT NO. 60X49

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *January 29 20 14*
John Fortman
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 21 20 14
John D. Baranelli, PE, Jr.
ENGINEER OF DESIGN AND ENVIRONMENT

March 21 20 14
Omer Osman, PE, Jr.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-40	ROADWAY PLAN
41	ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-08)
42	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)
43	FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON FREEWAYS/EXPRESSWAYS (TC-18)

STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-09	TRAFFIC BARRIER TERMINAL, TYPE 2
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-02	SHOULDER RUMBLE STRIPS, 16 INCH
701101-04	OFF ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS > 45 MPH
701400-07	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-08	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-08	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701426-06	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS > 45 MPH
701428	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701901-03	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. 48 HOURS NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITIES OF COUNTRY CLUB HILLS, HAZEL CREST, NEW LENOX, ORLAND PARK, AND THE VILLAGES OF MOKENA AND TINLEY PARK.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR "GUARDRAIL REMOVAL."

ALL PERIMETER EROSION BARRIER, EROSION CONTROL BLANKET, AND SEEDING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4151 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

THE CONTRACTOR SHALL VERIFY THE EXISTING TYPE/HEIGHT OF EXISTING GUARDRAIL BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION SHALL MATCH THE HEIGHT OF THE EXISTING GUARDRAIL.

FILE NAME =	USER NAME = PsnocPL	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES INTERSTATE 80 (FROM US RTE 30 TO I-294)</p>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pr-work\p\dot\pncepl\00368459\0114	4-ah\plan.dgn	DRAWN -	REVISED -			80	2013-0721	COOK/WILL	43	2	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 60X49					
	PLOT DATE = 1/31/2014	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		90% FED. 10% ST. WILL CO. 0021	90% FED. 10% ST. COOK CO. 0021			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	1281	941	340			
25000210	SEEDING, CLASS 2A	ACRE	0.26	0.19	0.07			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	24	18	6			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	24	18	6			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	24	18	6			
25100630	EROSION CONTROL BLANKET	SO YD	1281	941	340			
28000400	PERIMETER EROSION BARRIER	FOOT	2275	1925	350			
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1587.5	1587.5				
63000017	STEEL PLATE BEAM GUARDRAIL, TYPE D, 6 FOOT POSTS	FOOT	100		100			
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	7	7				
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8	8				
63200310	GUARDRAIL REMOVAL	FOOT	212.5	37.5	175			
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	52968	52568	400			

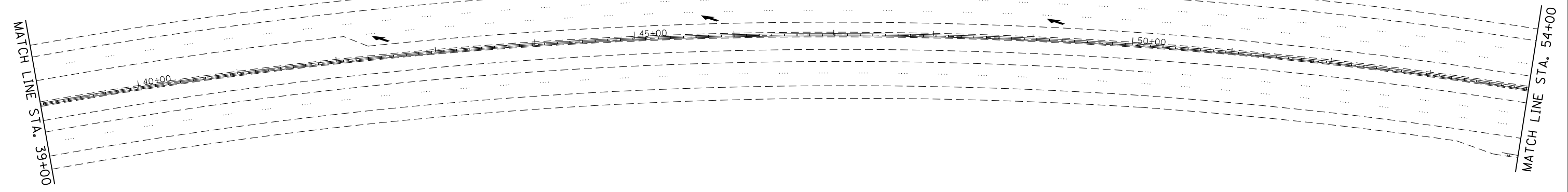
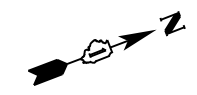
SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		90% FED. 10% ST. WILL CO. 0021	90% FED. 10% ST. COOK CO. 0021			
64300770	IMPACT ATTENUATORS (SEVERE USE, NARROW), TEST LEVEL 3	EACH	4		4			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3.6	2.4			
67100100	MOBILIZATION	L SUM	1	0.6	0.4			
78200410	GUARDRAIL MARKERS, TYPE A	EACH	35	31	4			
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	8				
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	0.6	0.4			

FILE NAME :	USER NAME : PoncePL	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE * 100,000' / 1/4"		CHECKED -	REVISED -					CONTRACT NO. 60X49				
PLOT DATE * 11/30/2014		DATE -	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
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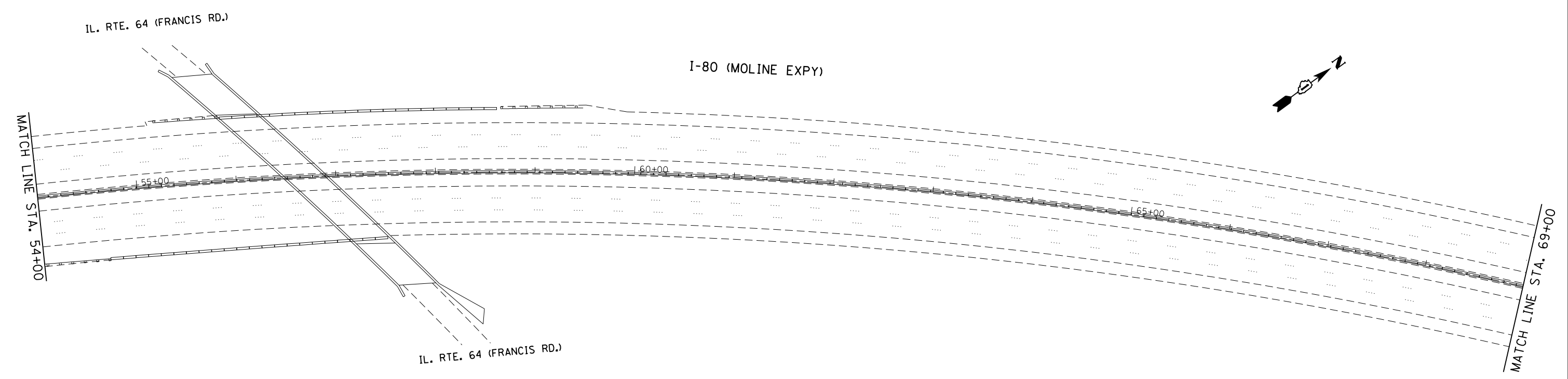
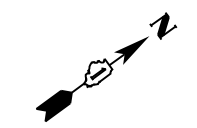
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I-80 (MOLINE EXPY)



I-80 (MOLINE EXPY)



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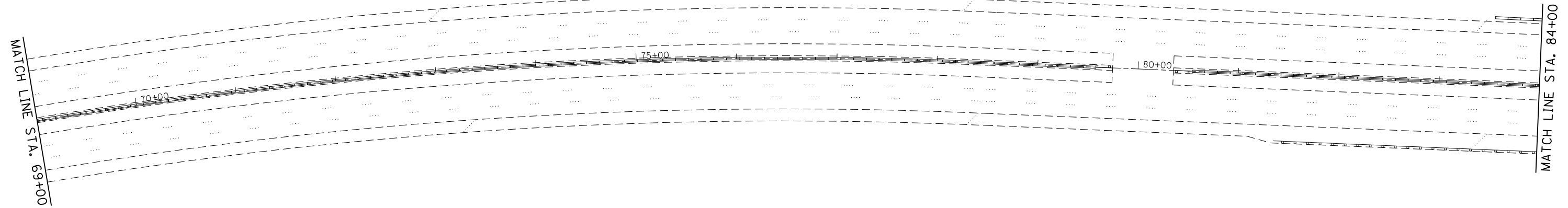
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)**

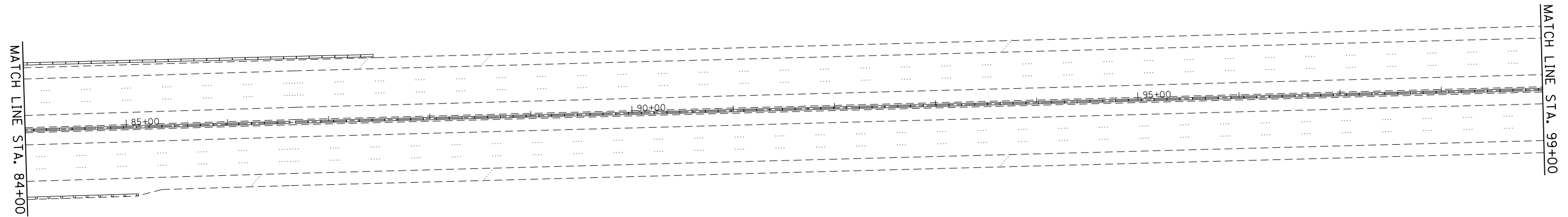
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	5
CONTRACT NO. 60X49			ILLINOIS FED. AID PROJECT	

I-80 (MOLINE EXPY)



I-80 (MOLINE EXPY)



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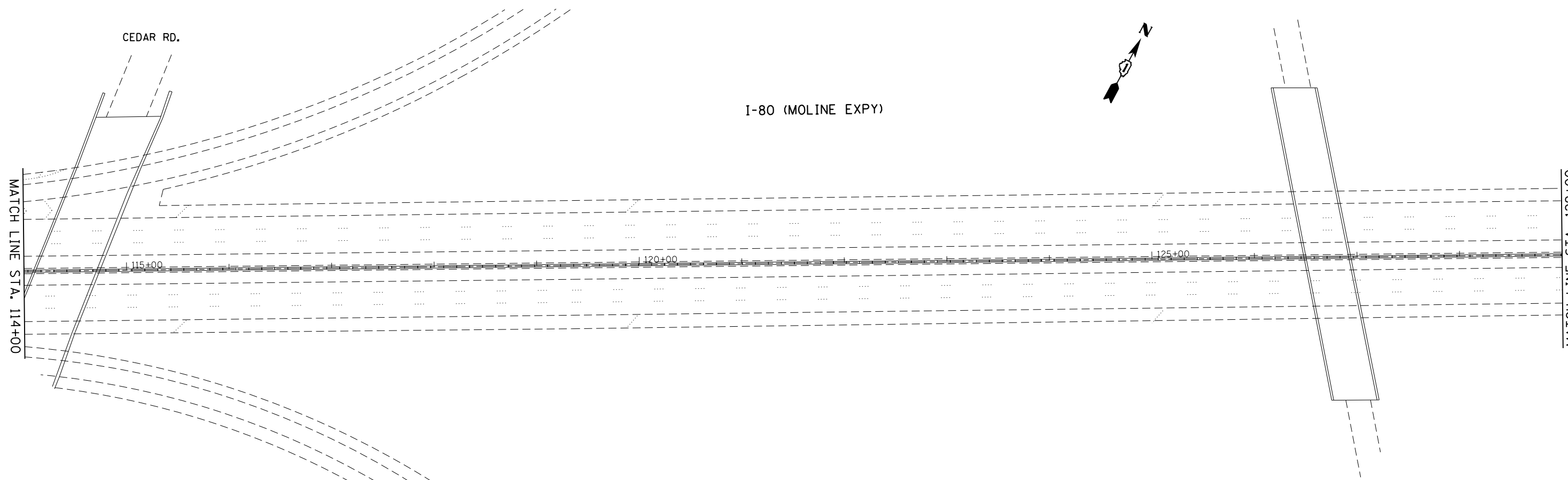
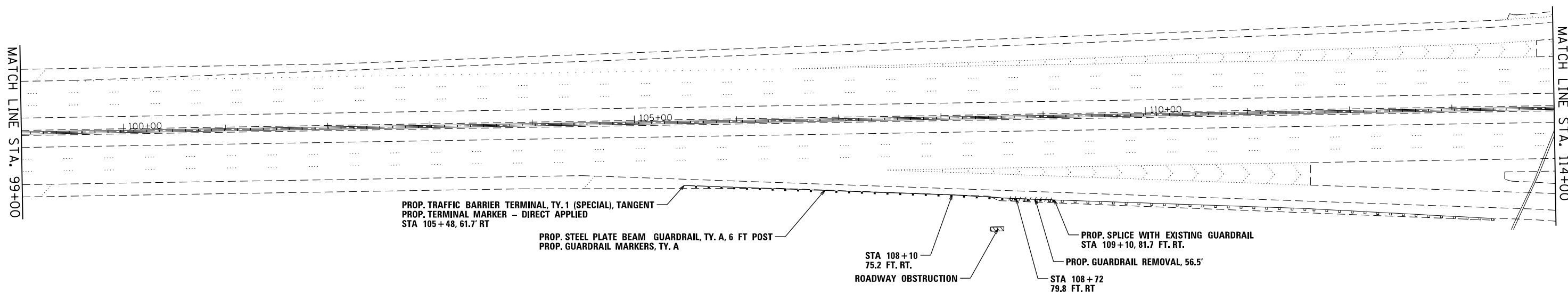
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	6
CONTRACT NO. 60X49			ILLINOIS FED. AID PROJECT	

I-80 (MOLINE EXPY)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	7
CONTRACT NO. 60X49			ILLINOIS FED. AID PROJECT	

I-80 (MOLINE EXPY)



MATCH LINE STA. 129+00

MATCH LINE STA. 144+00

130+00

135+00

140+00

I-80 (MOLINE EXPY)



MATCH LINE STA. 144+00

MATCH LINE STA. 159+00

145+00

150+00

155+00

ROADWAY OBSTRUCTION

PROP. TRAFFIC BARRIER TERMINAL, TY. 2
STA. 153+48

PROP. STEEL PLATE BEAM GUARDRAIL, TY. A, 6 FT POST
PROP. GUARDRAIL MARKERS, TY. A

PROP. TRAFFIC BARRIER TERMINAL, TY. 1 (SPECIAL), TANGENT
PROP. TERMINAL MARKER - DIRECT APPLIED
STA 156+22

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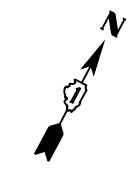
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60X49			ILLINOIS FED. AID PROJECT	

I-80 (MOLINE EXPY)



MATCH LINE STA. 159+00

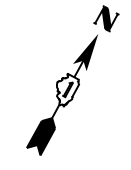
MATCH LINE STA. 174+00

160+00

165+00

170+00

I-80 (MOLINE EXPY)



MATCH LINE STA. 174+00

MATCH LINE STA. 188+00

175+00

180+00

185+00

PARKER RD.

PARKER RD.

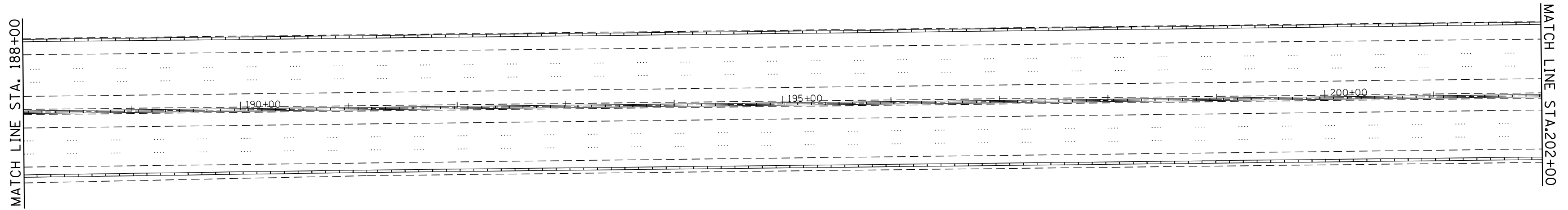
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STATE OF ILLINOIS
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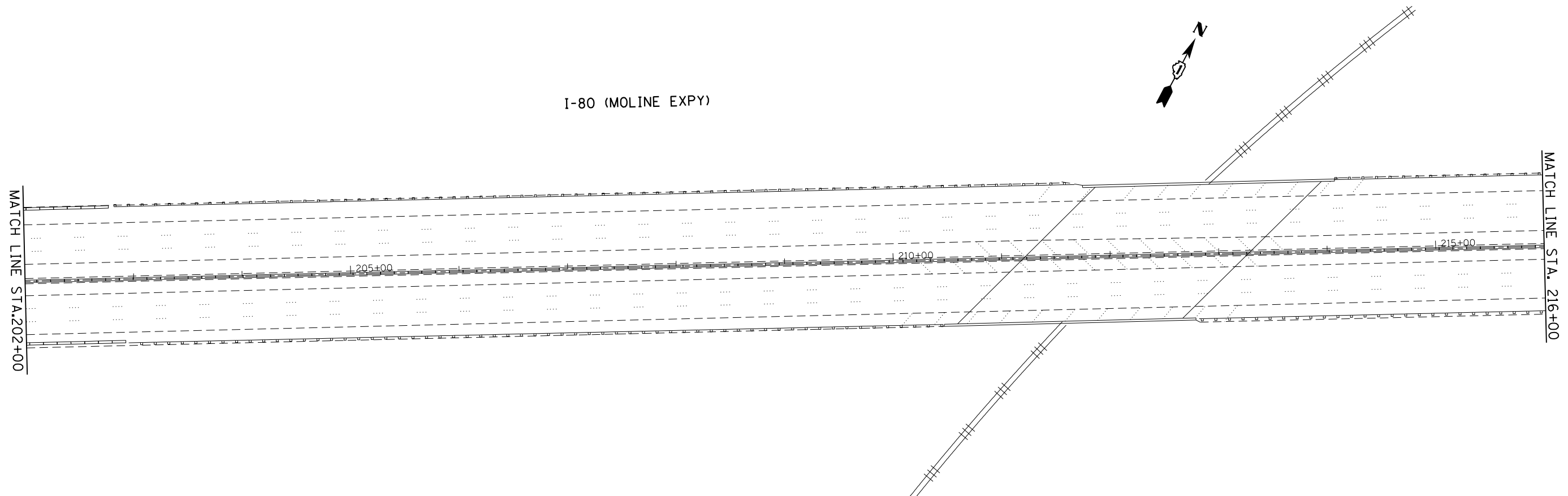
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INTERSTATE 80 (FROM US RTE 30 TO I-294)			
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80	2013-072I	COOK/WILL	43	9
CONTRACT NO. 60X49			ILLINOIS FED. AID PROJECT	

I-80 (MOLINE EXPY)



I-80 (MOLINE EXPY)



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STATE OF ILLINOIS
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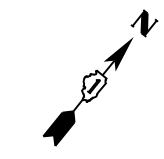
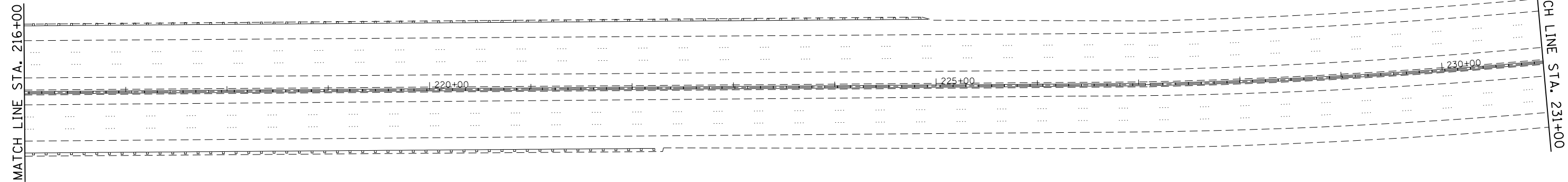
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INTERSTATE 80 (FROM US RTE 30 TO I-294)

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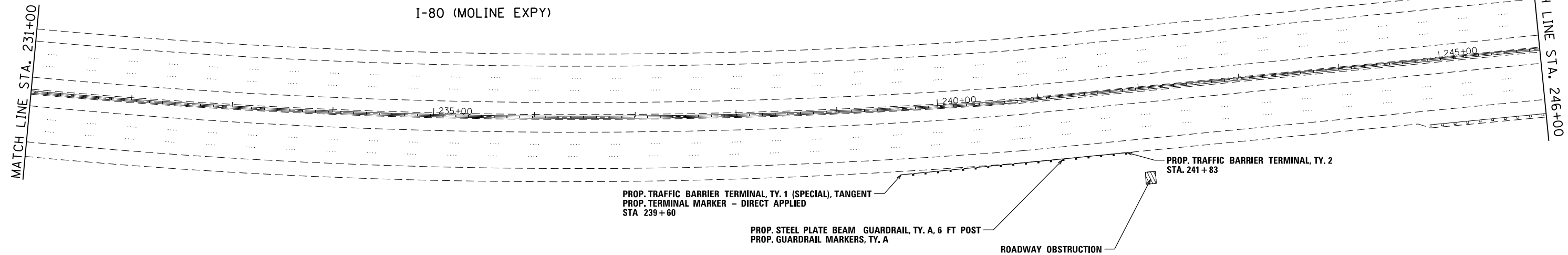
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				CONTRACT NO. 60X49
ILLINOIS FED. AID PROJECT				



I-80 (MOLINE EXPY)



I-80 (MOLINE EXPY)



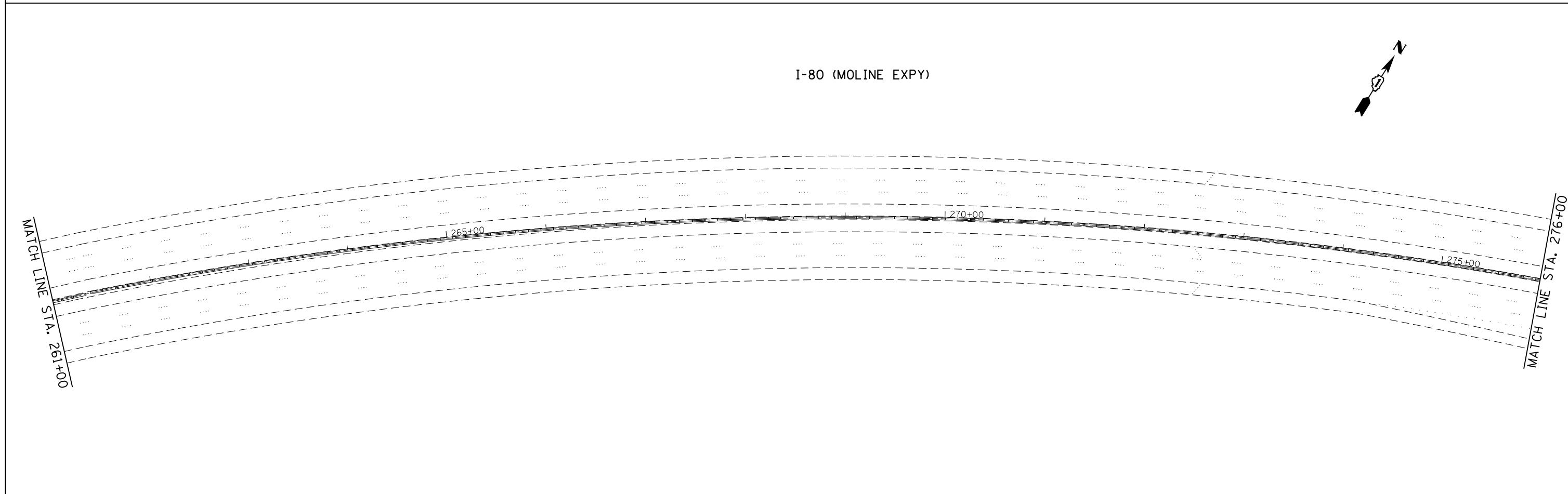
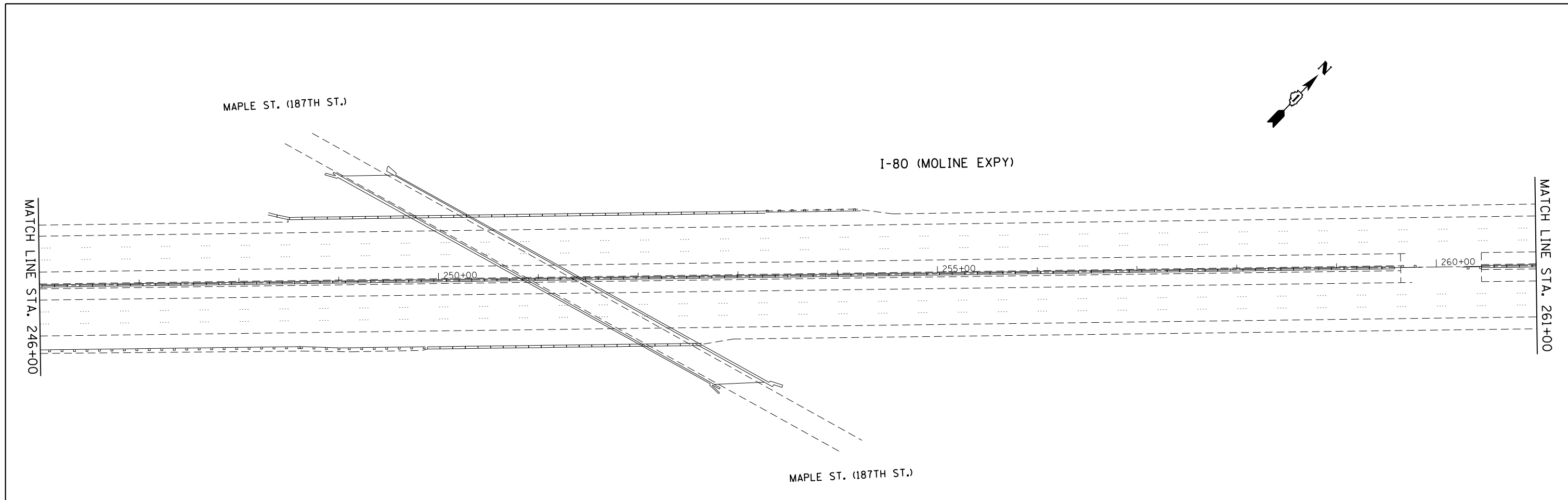
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SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	11
CONTRACT NO. 60X49			ILLINOIS FED. AID PROJECT	



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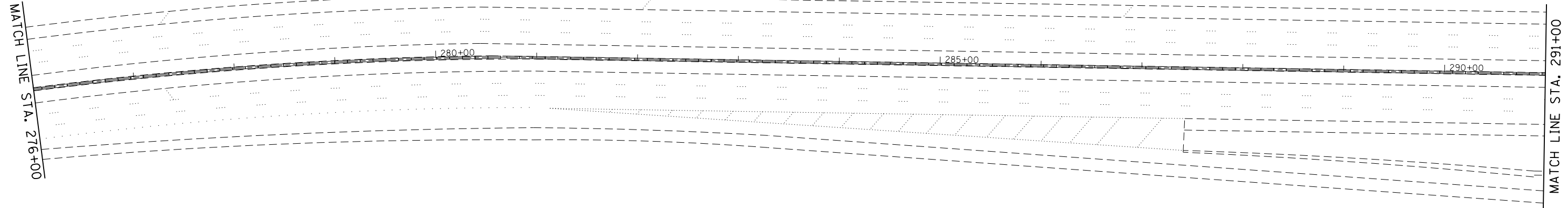
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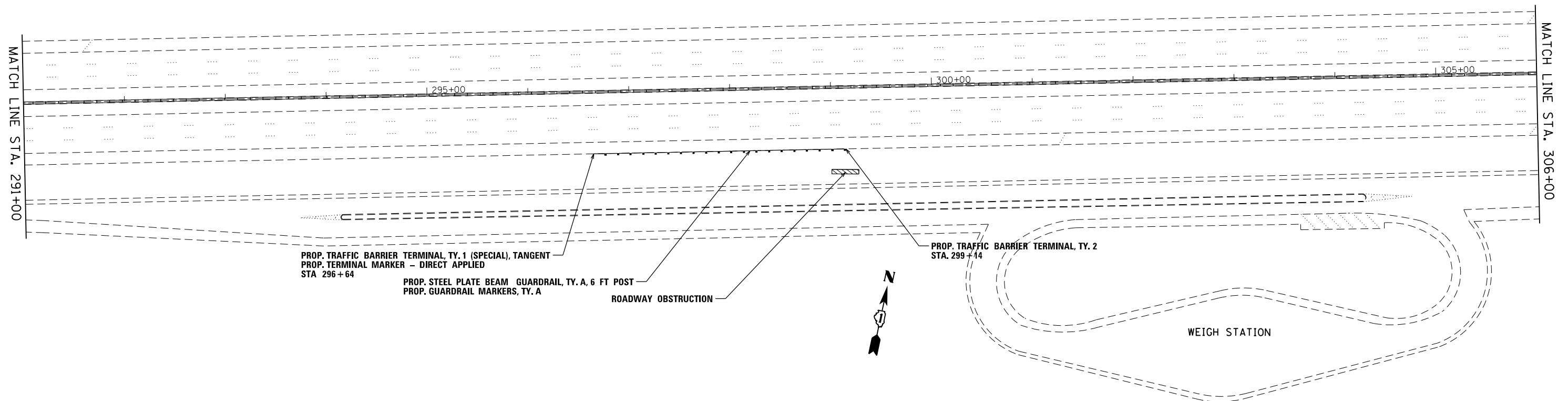
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CONTRACT NO. 60X49				
ILLINOIS FED. AID PROJECT				

I-80 (MOLINE EXPY)



I-80 (MOLINE EXPY)



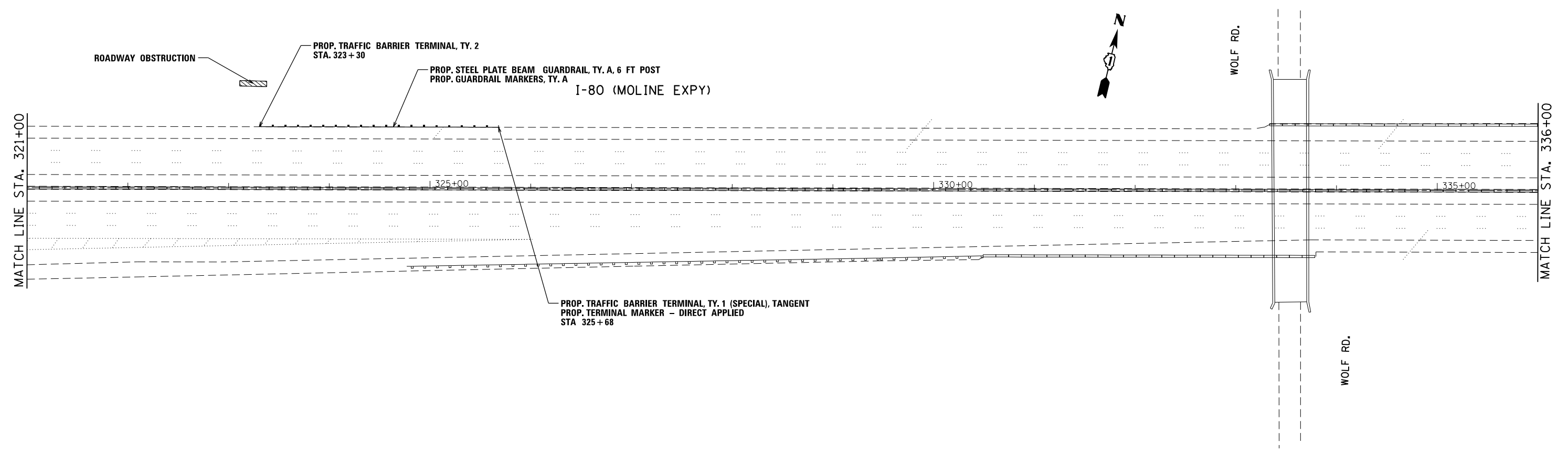
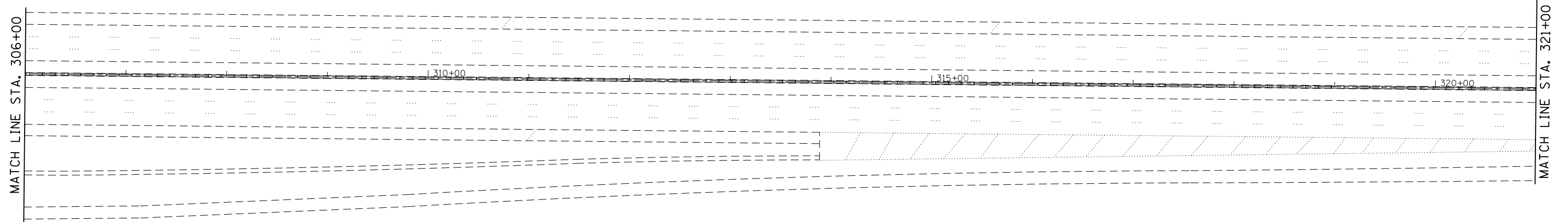
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ROADWAY PLAN			
INTERSTATE 80 (FROM US RTE 30 TO I-294)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

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80	2013-072I	COOK/WILL	43	13
			CONTRACT NO. 60X49	
ILLINOIS FED. AID PROJECT				

I-80 (MOLINE EXPY)



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ROADWAY PLAN			
INTERSTATE 80 (FROM US RTE 30 TO I-294)			
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	14
CONTRACT NO. 60X49			ILLINOIS FED. AID PROJECT	



I-80 (MOLINE EXPY)

MATCH LINE STA. 336+00

MATCH LINE STA. 351+00

340+00

345+00

350+00



I-80 (MOLINE EXPY)

MATCH LINE STA. 351+00

MATCH LINE STA. 366+00

355+00

360+00

365+00

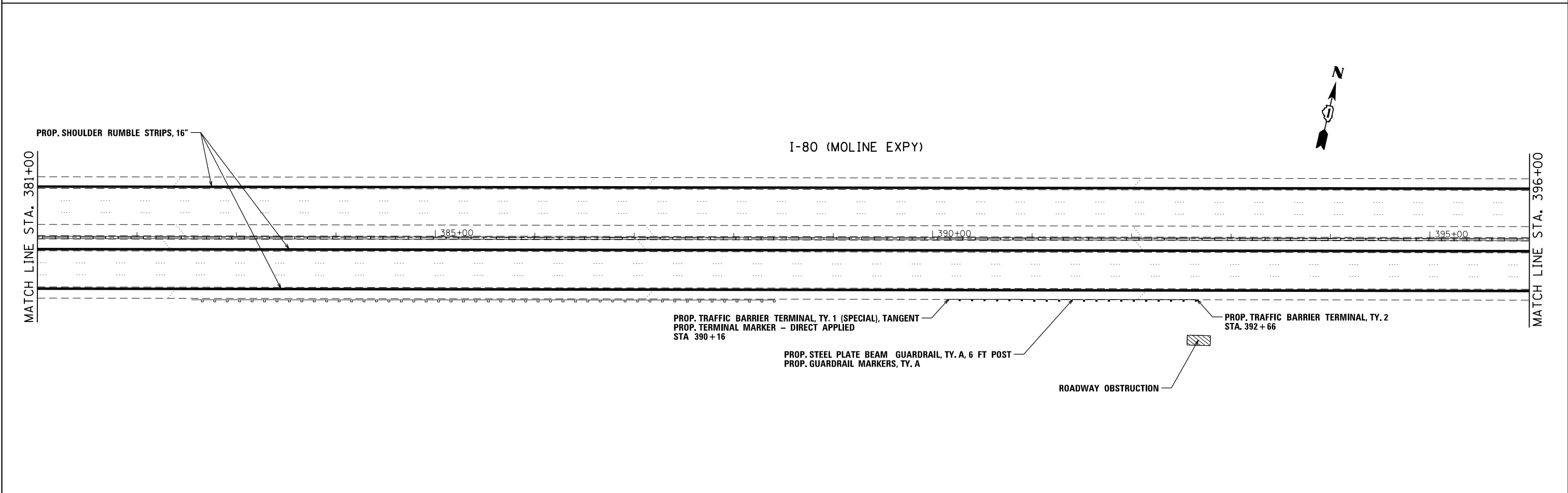
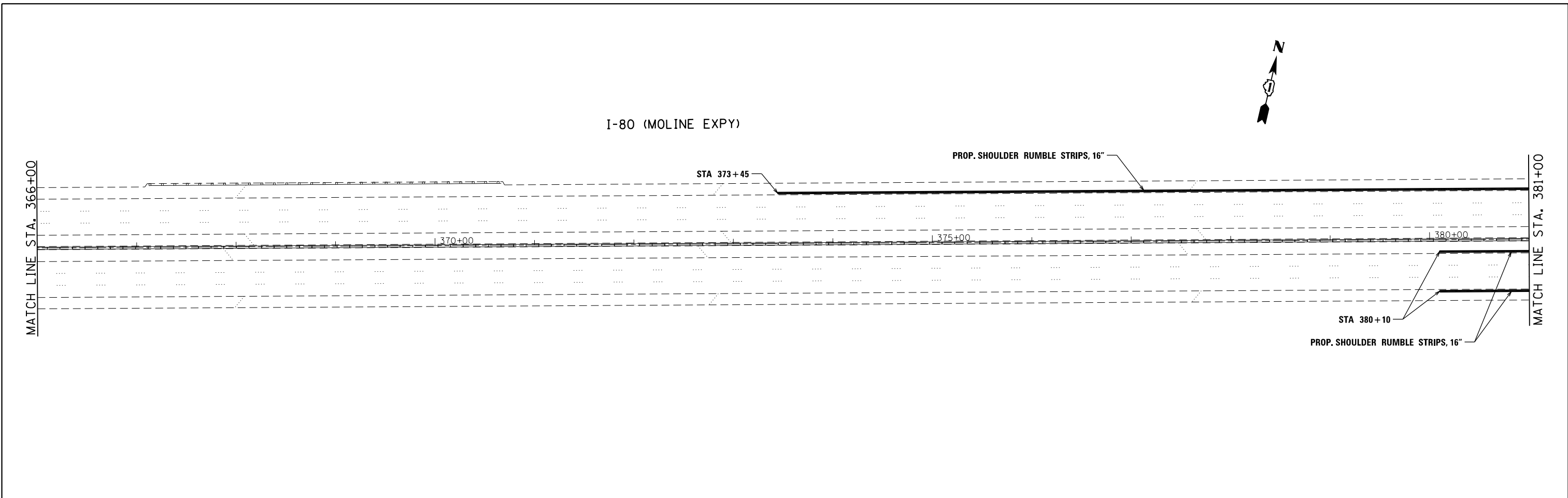
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	PLOT DATE = 1/31/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

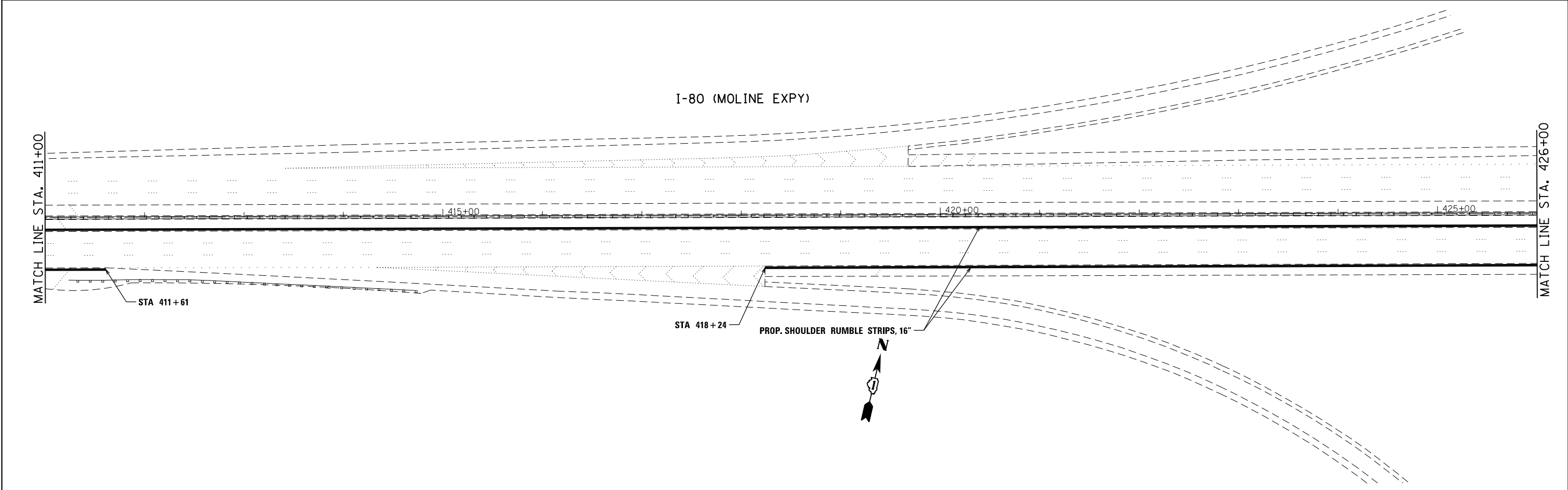
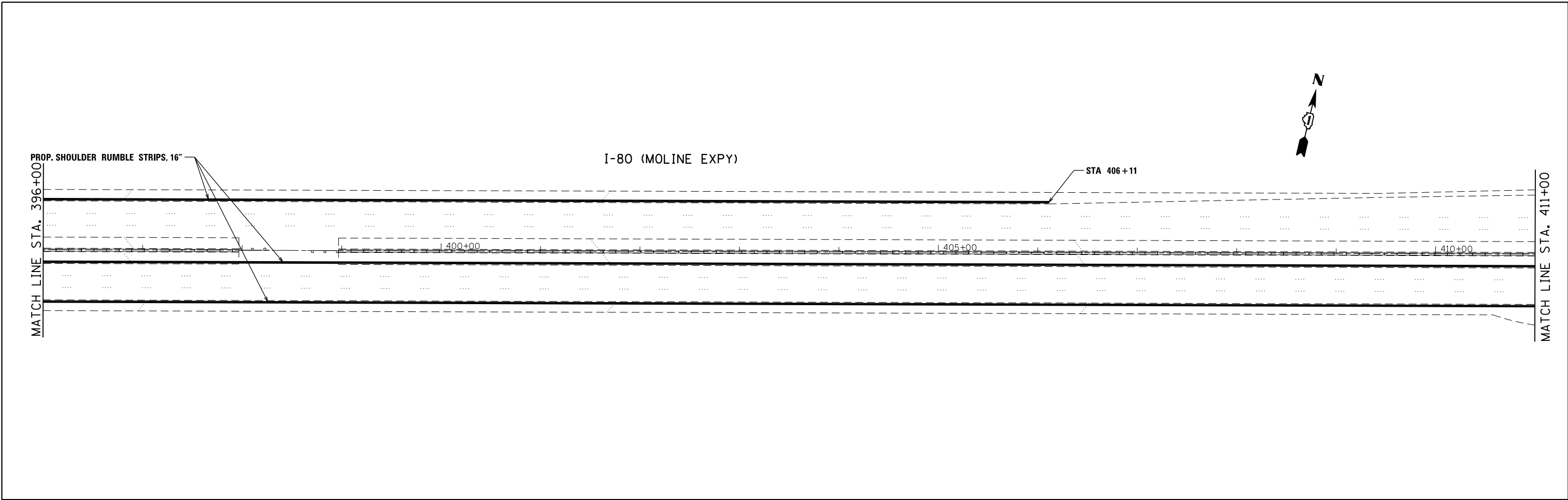
ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X49	



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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					80	2013-072I	COOK/WILL	43	16	
Default	PLOT DATE = 1/31/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 60X49	



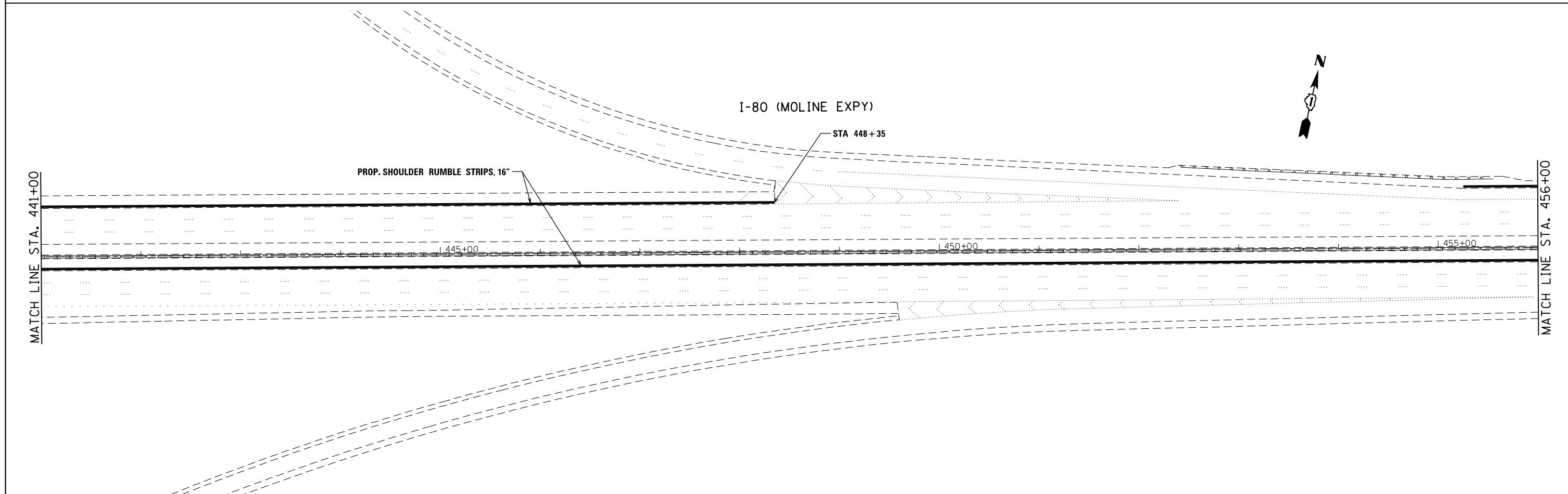
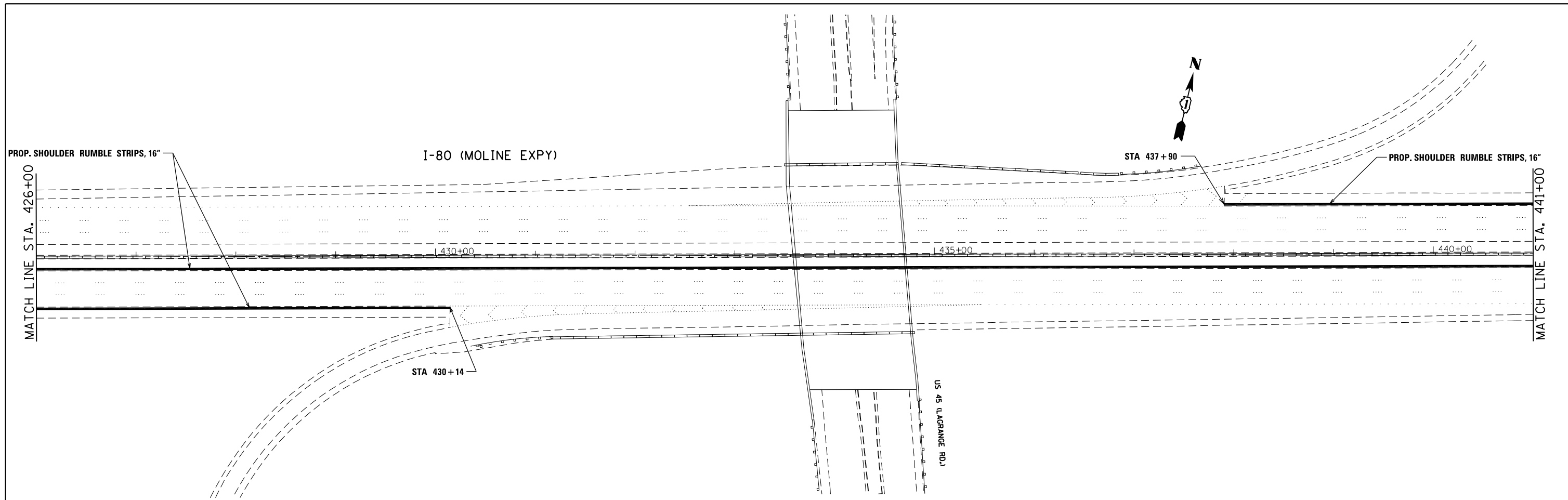
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/31/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	17
			CONTRACT NO. 60X49	
ILLINOIS FED. AID PROJECT				



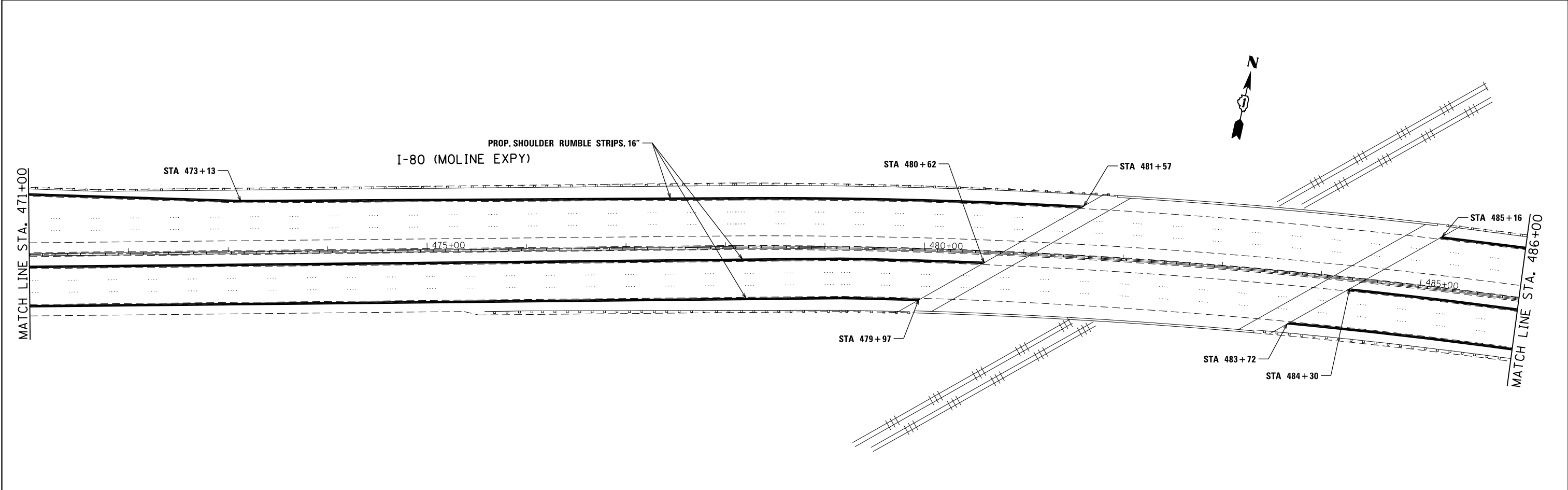
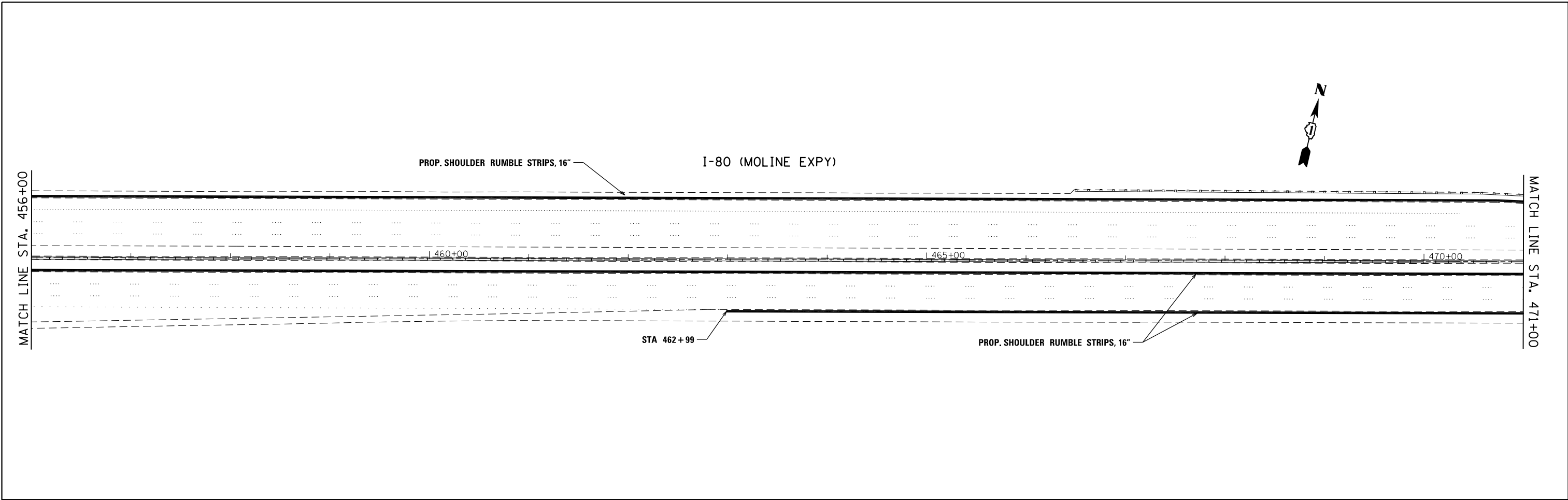
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

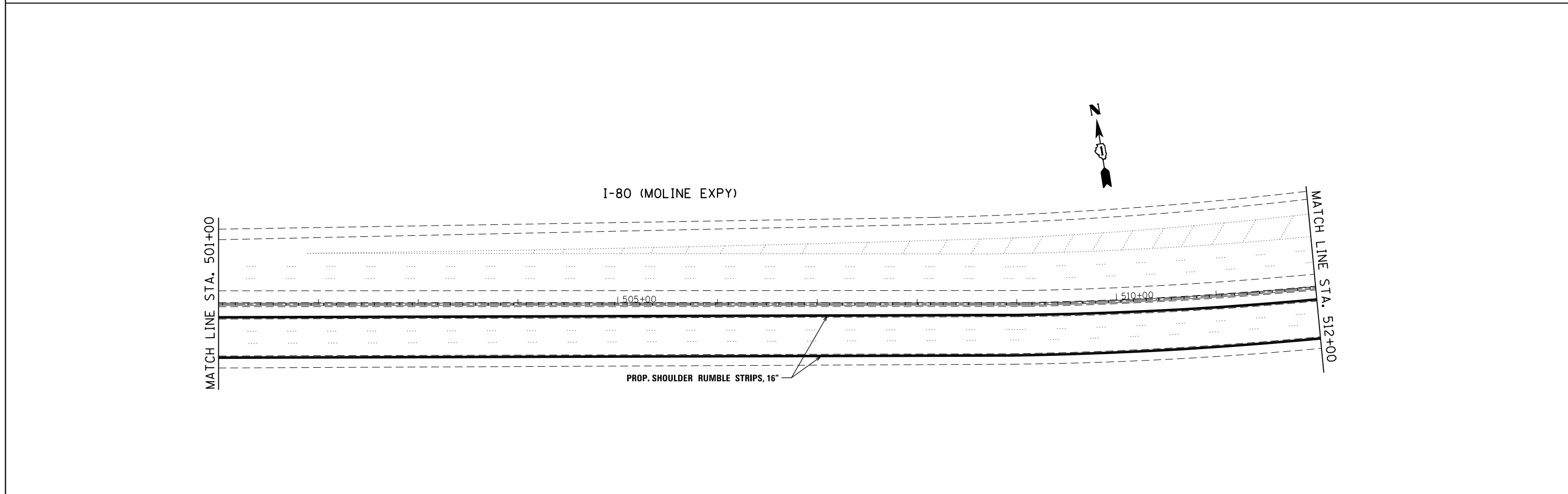
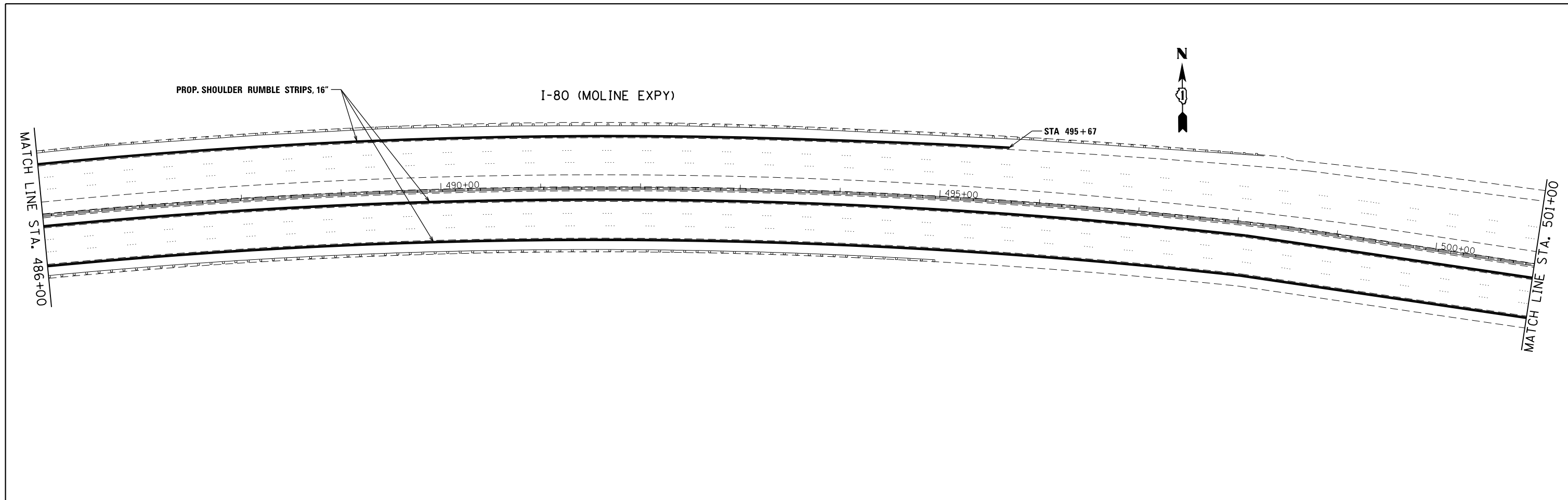
**ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)**

SCALE: SHEET OF SHEETS STA. TO STA.

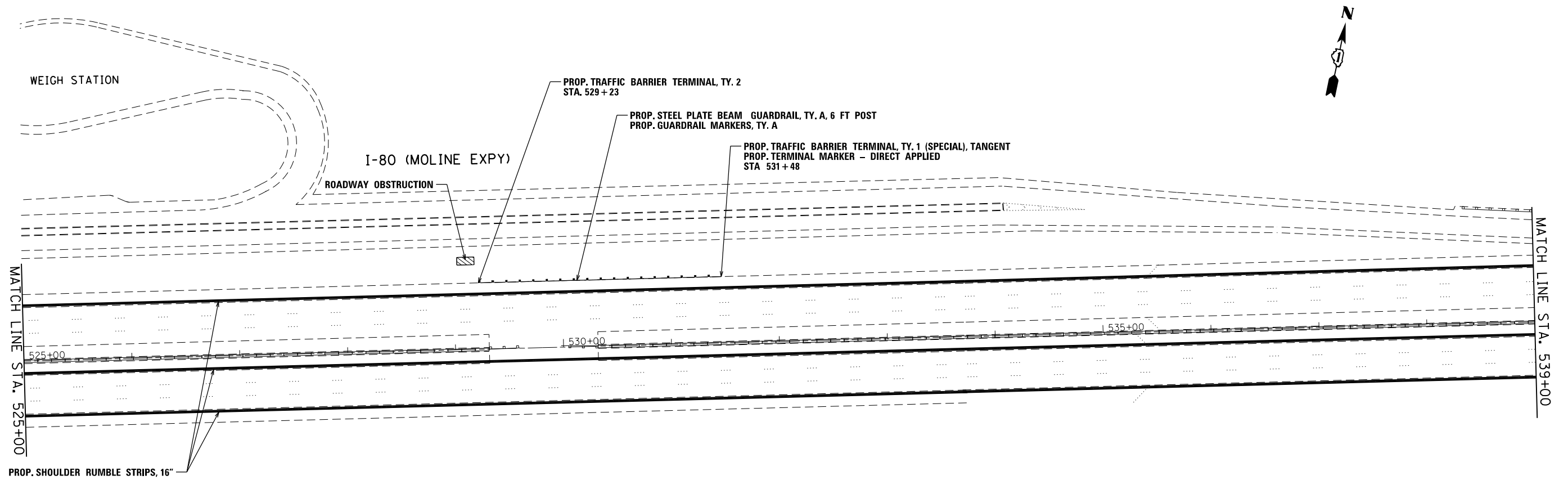
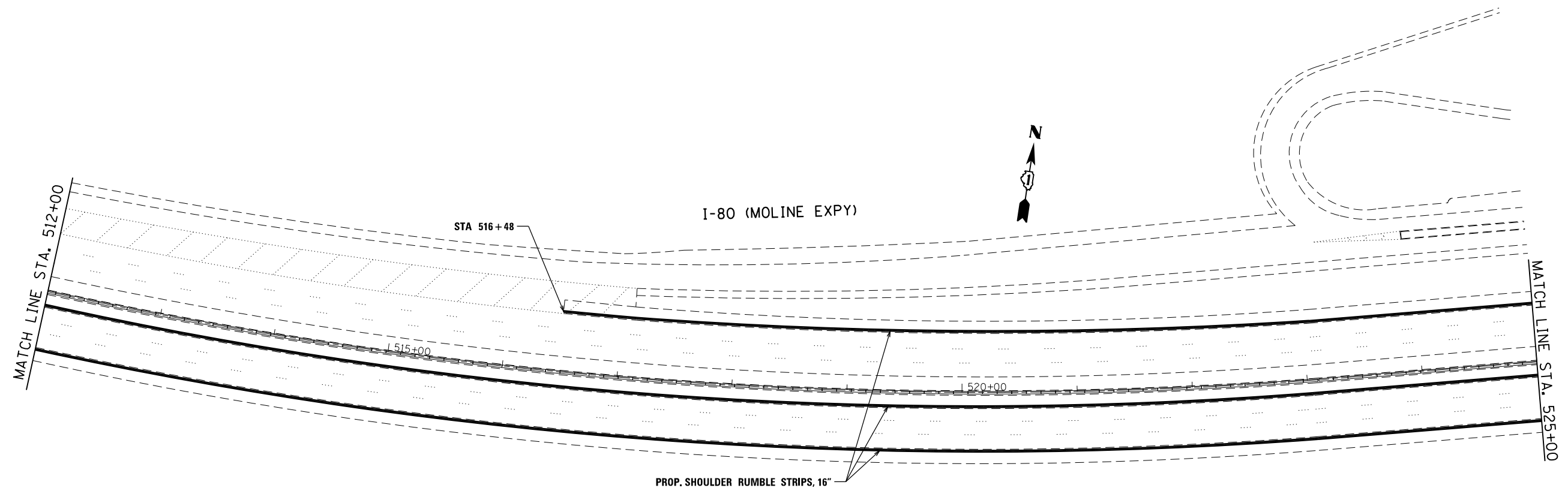
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	18
CONTRACT NO. 60X49			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = PencePL	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN INTERSTATE 80 (FROM US RTE 30 TO I-294)			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 60X49				
	PLOT DATE = 1/31/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



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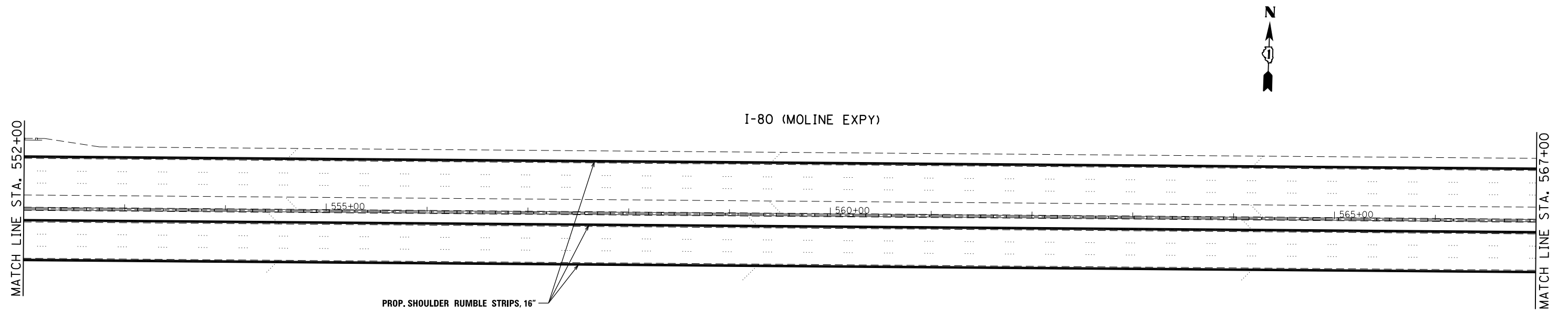
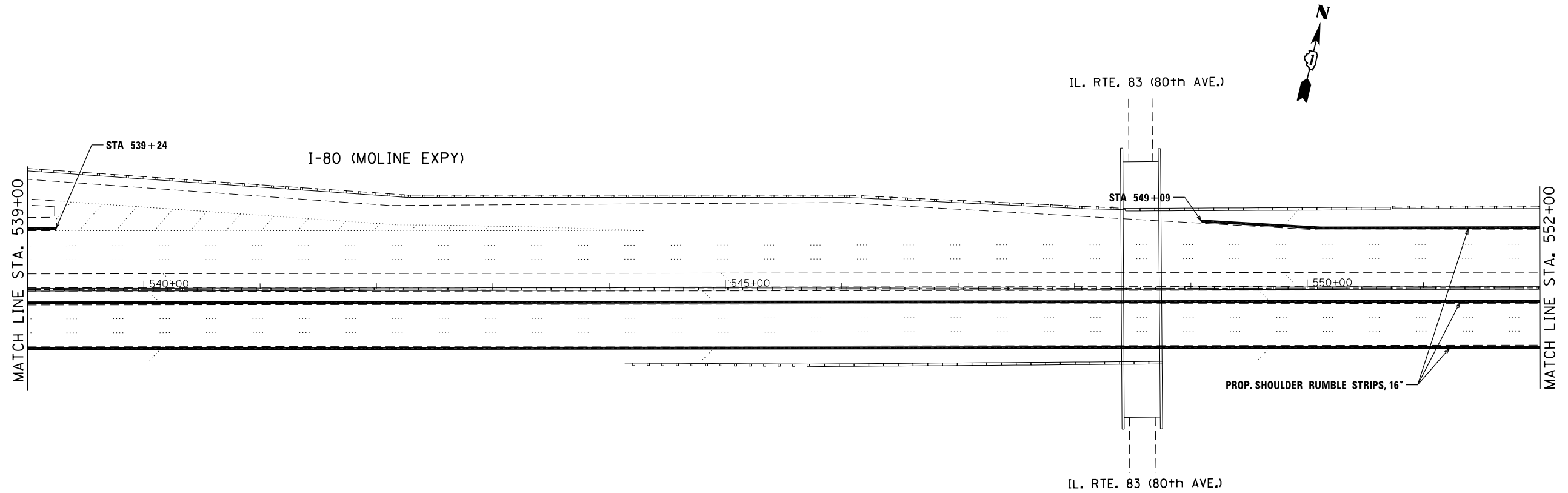


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	PLOT DATE = 1/31/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN			
INTERSTATE 80 (FROM US RTE 30 TO I-294)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	21
CONTRACT NO. 60X49				
ILLINOIS FED. AID PROJECT				

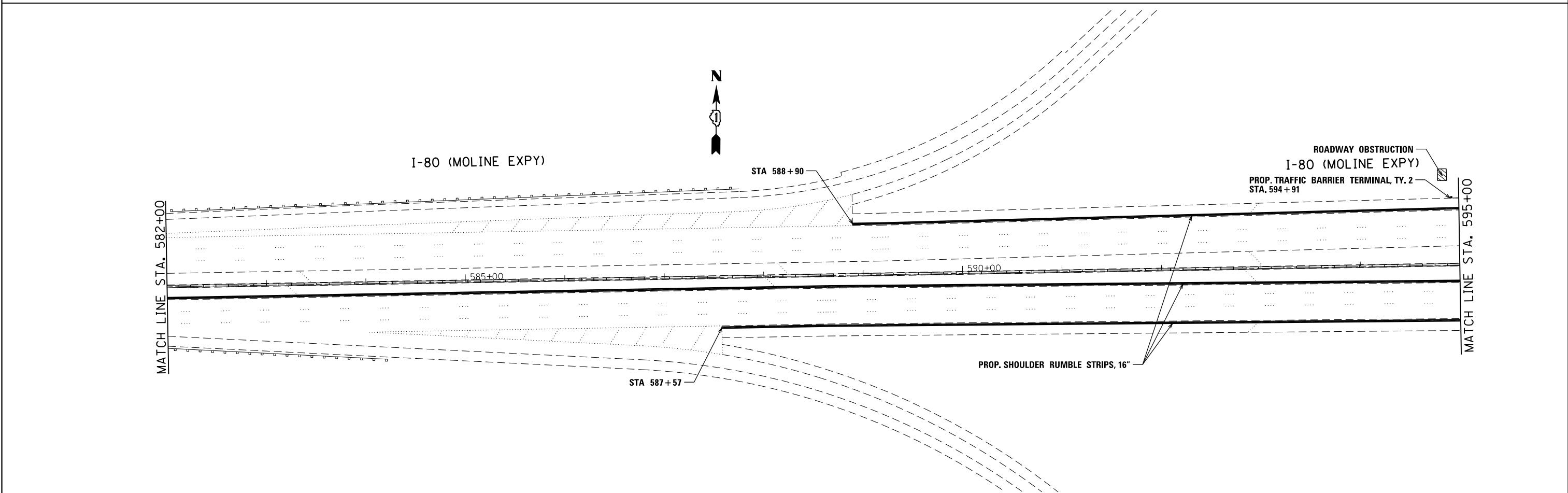
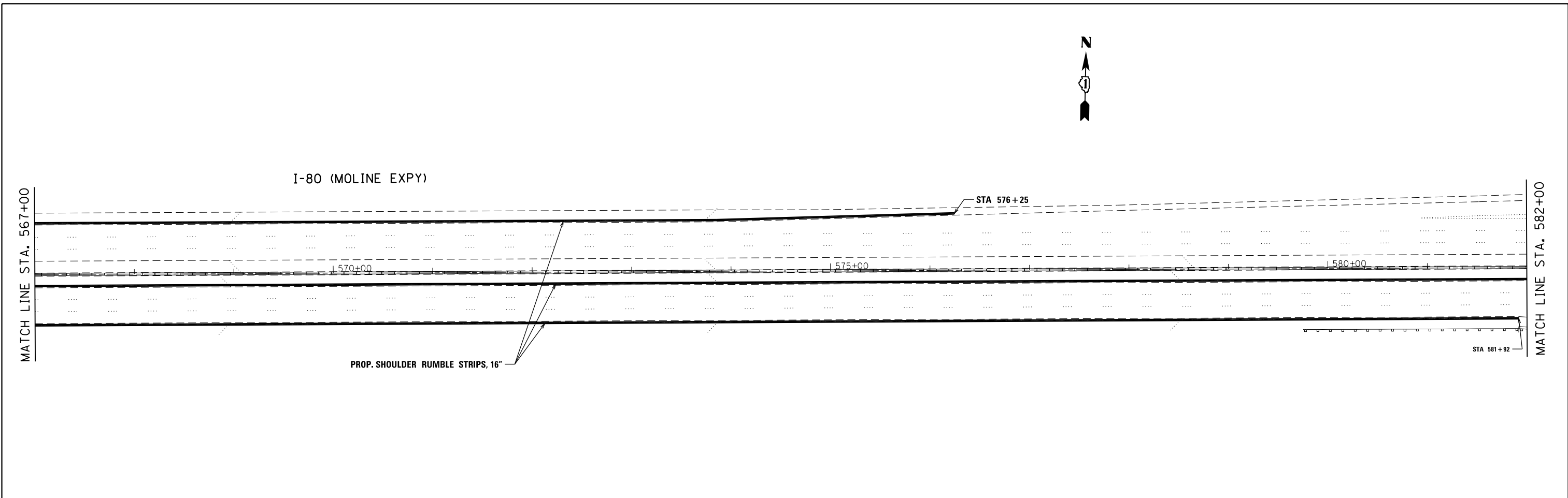


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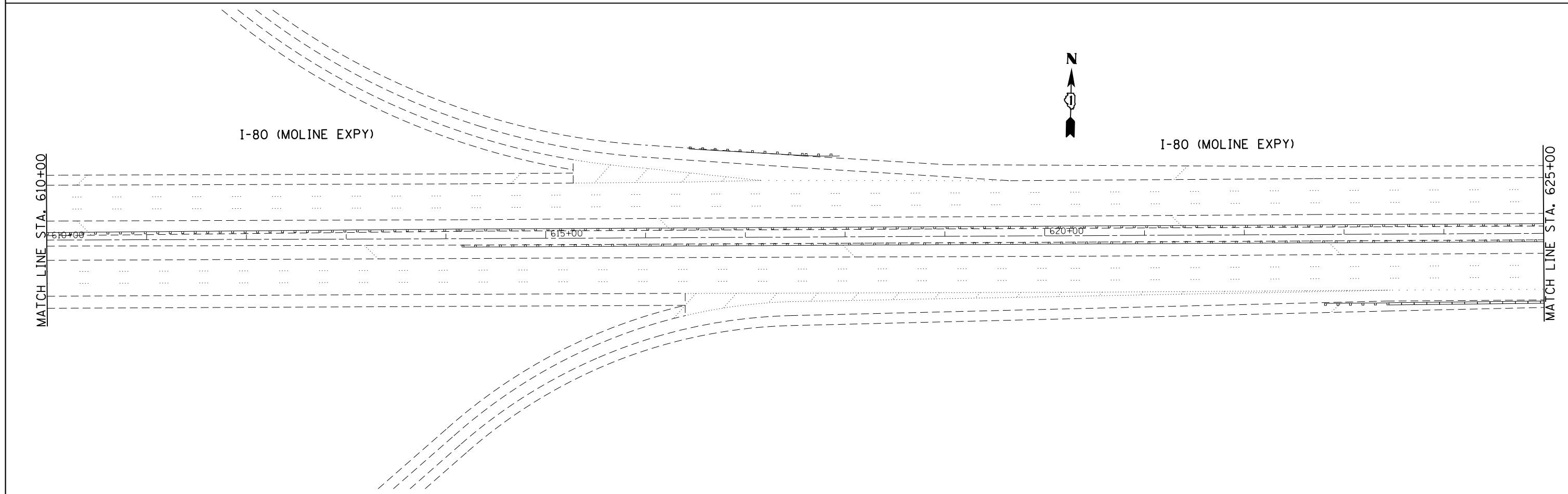
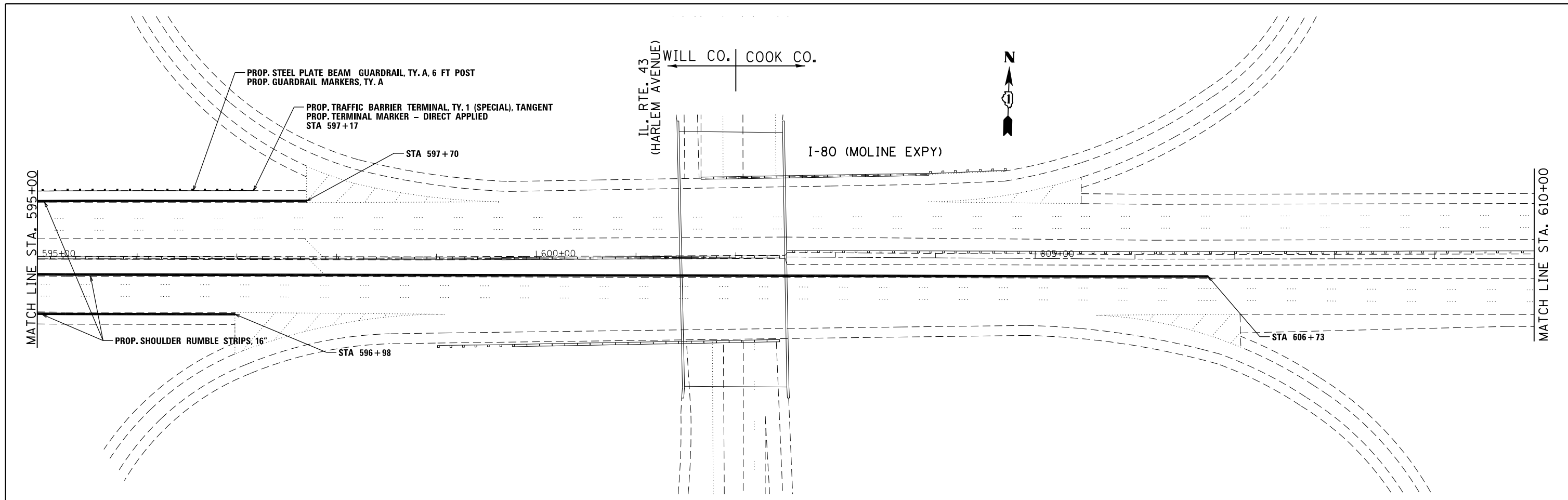
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN			
INTERSTATE 80 (FROM US RTE 30 TO I-294)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

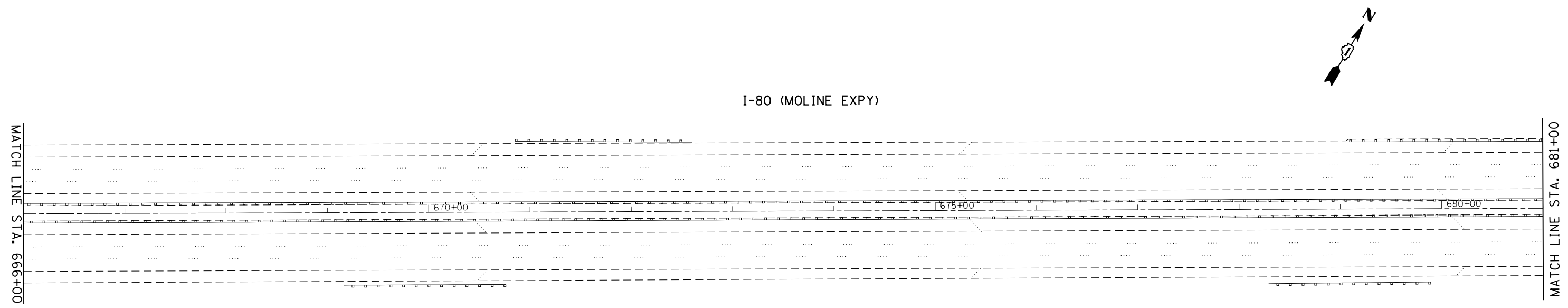
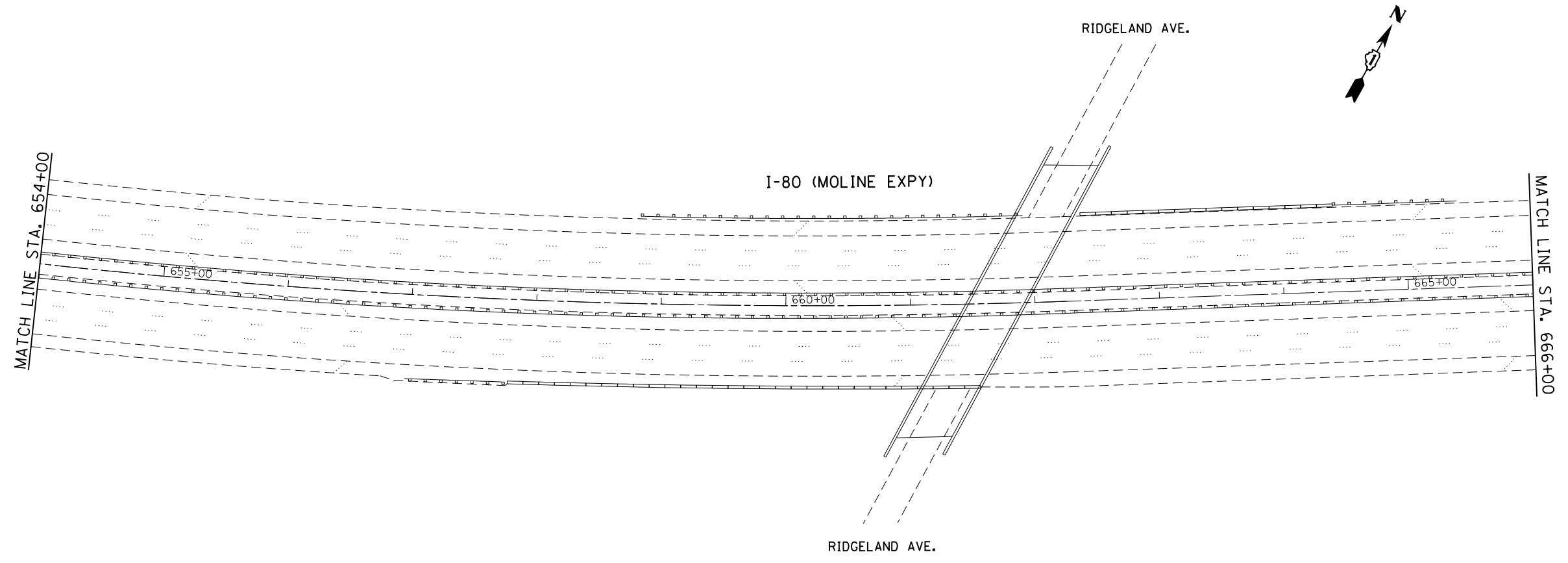
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80	2013-072I	COOK/WILL	43	22
CONTRACT NO. 60X49				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = PencePL	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN INTERSTATE 80 (FROM US RTE 30 TO I-294)				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 1/31/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



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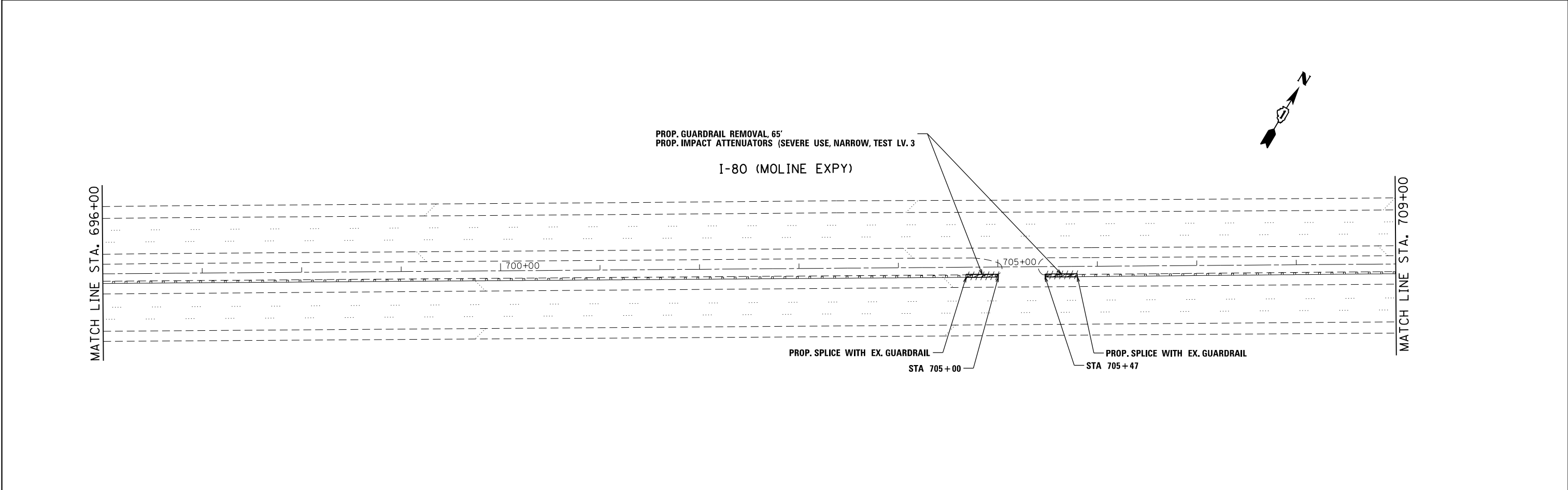
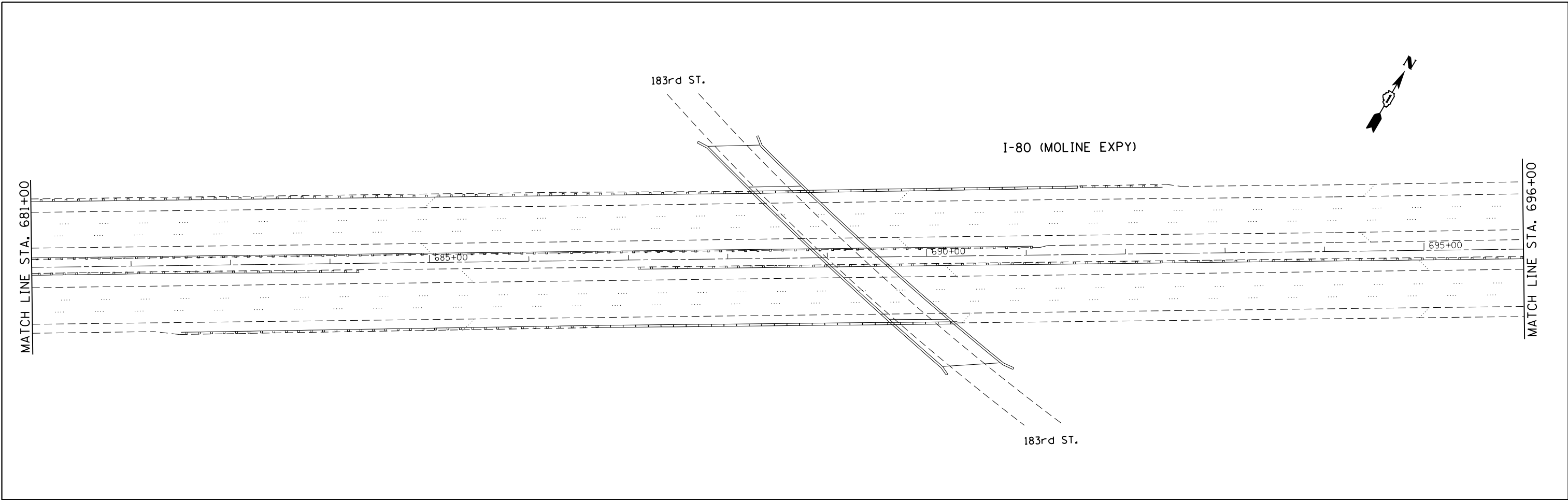
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	26
CONTRACT NO. 60X49				
ILLINOIS FED. AID PROJECT				



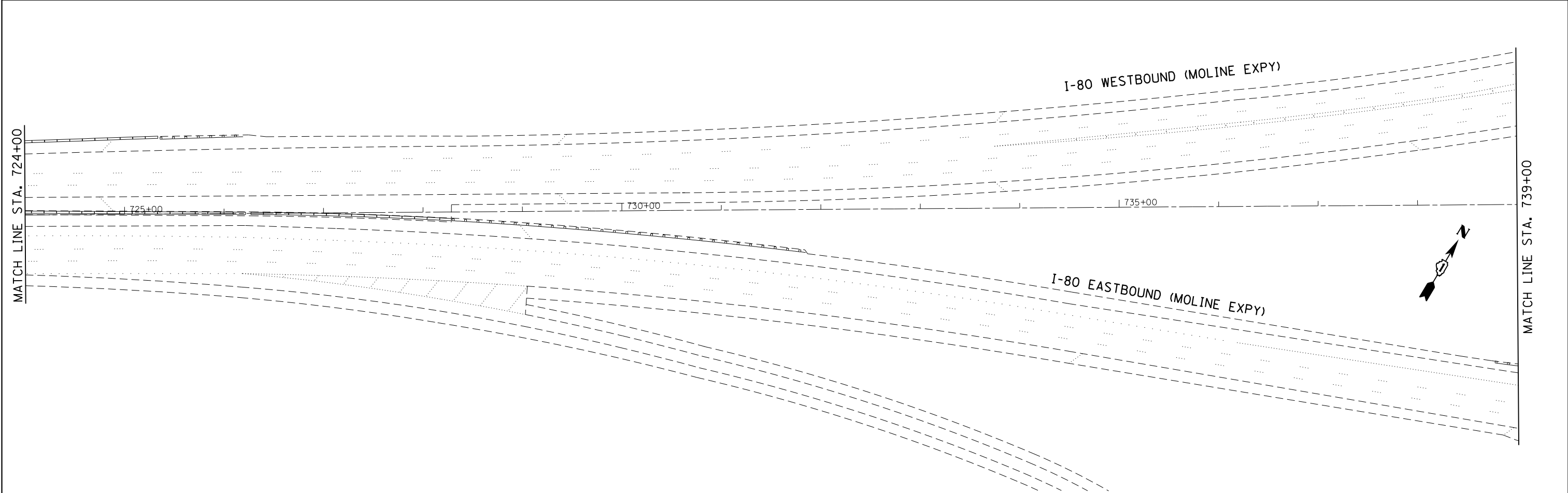
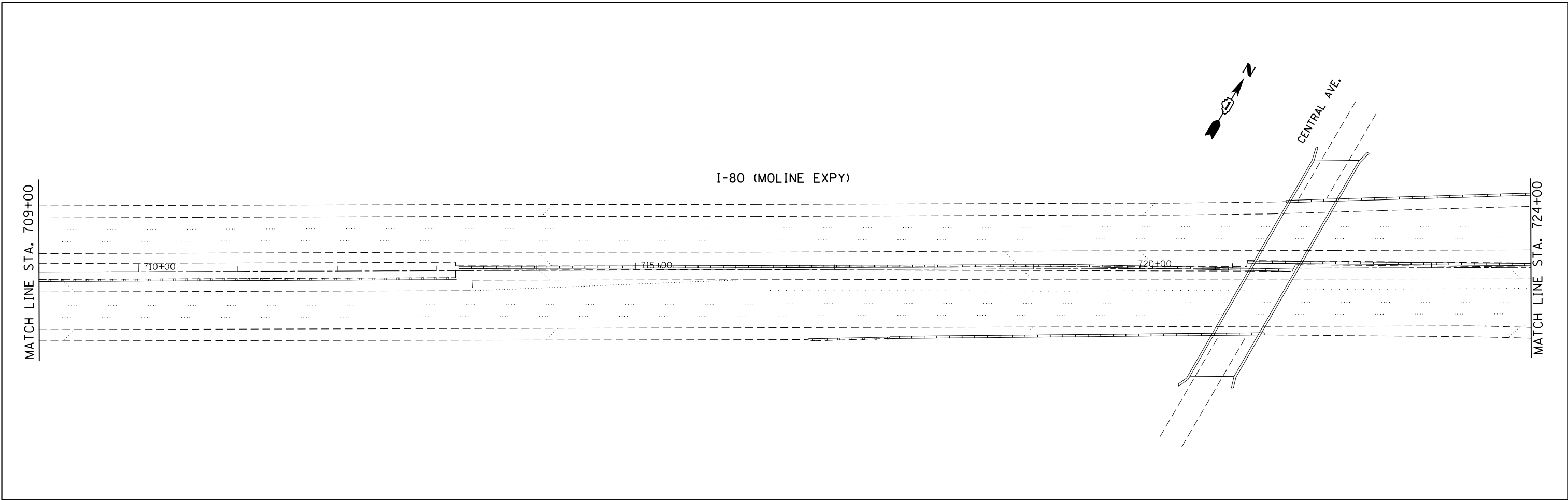
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X49	



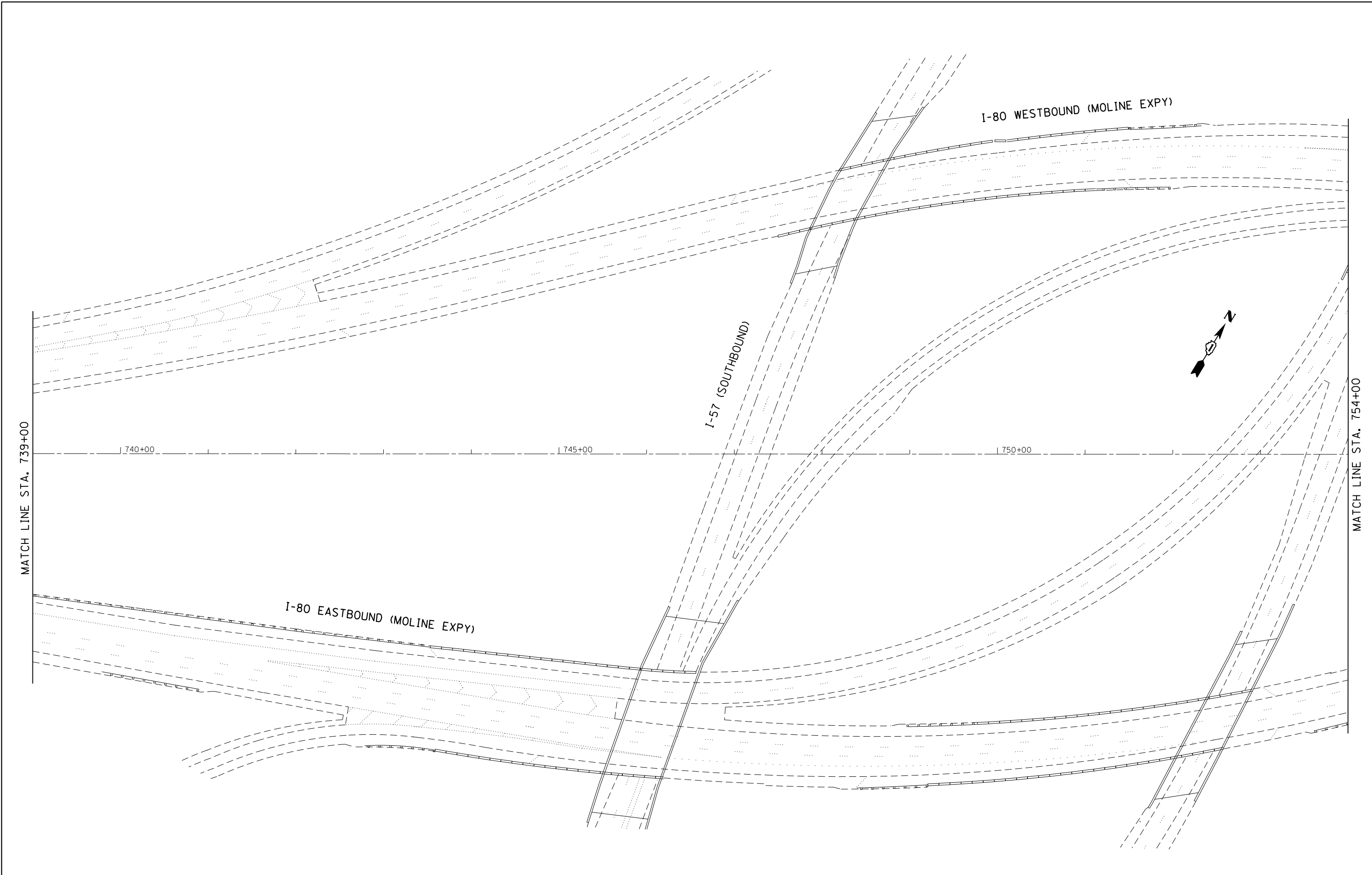
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	PLOT DATE = 1/31/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	28
CONTRACT NO. 60X49			ILLINOIS FED. AID PROJECT	



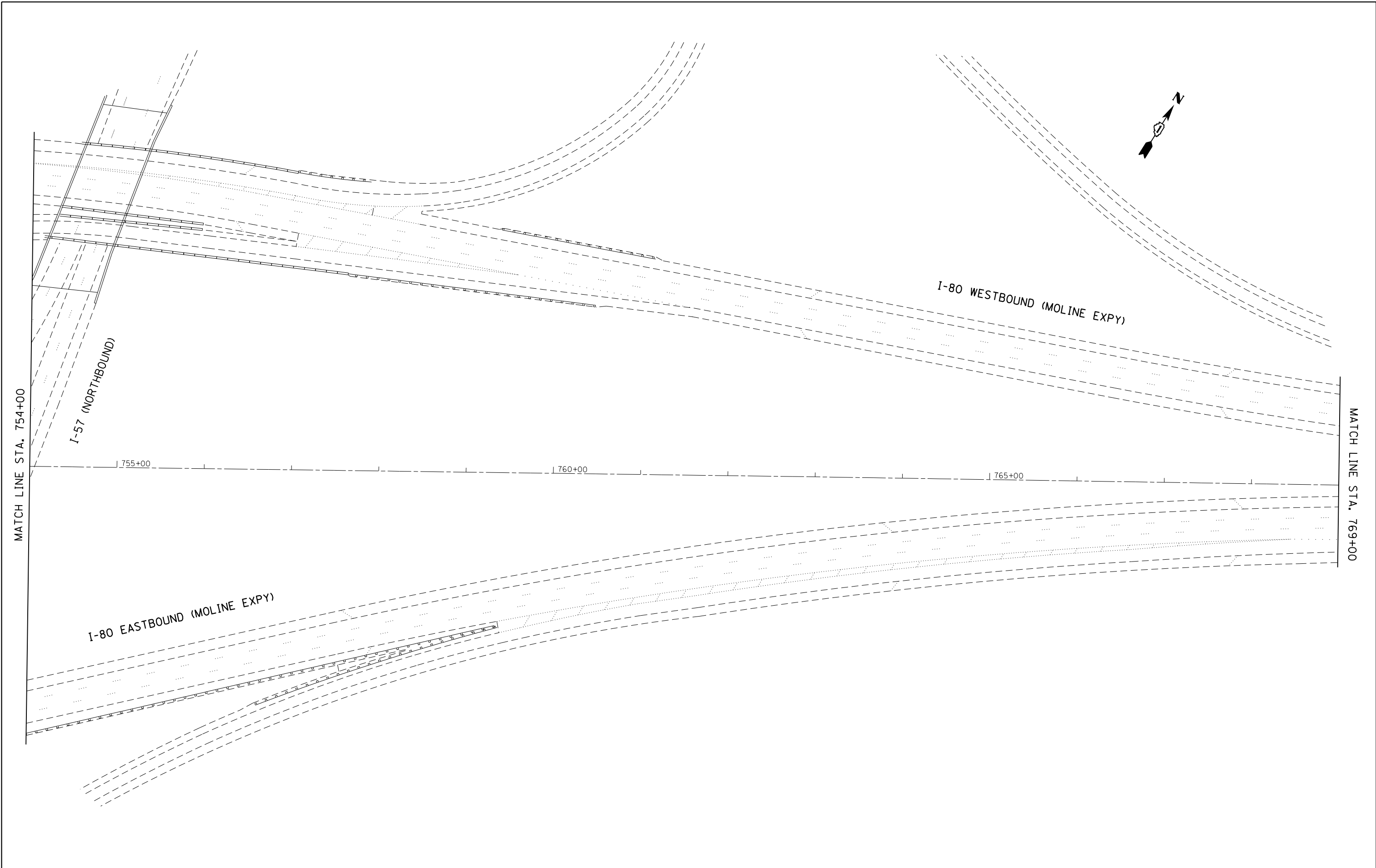
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	29
CONTRACT NO. 60X49			ILLINOIS FED. AID PROJECT	



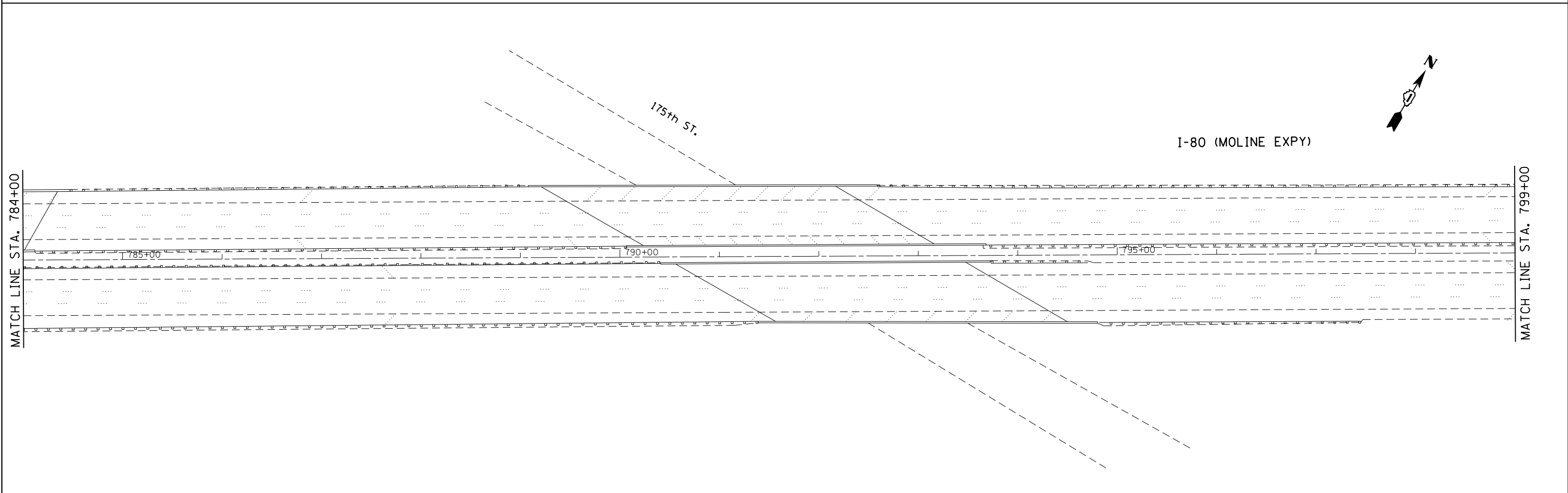
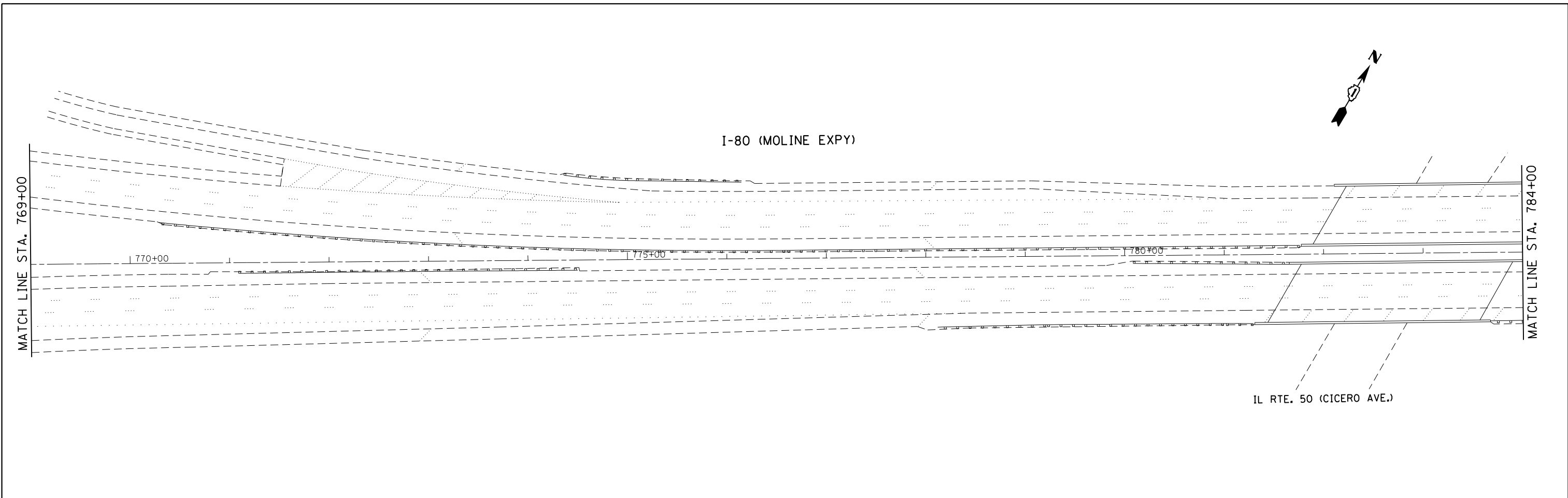
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)**

SCALE: SHEET OF SHEETS STA. TO STA.

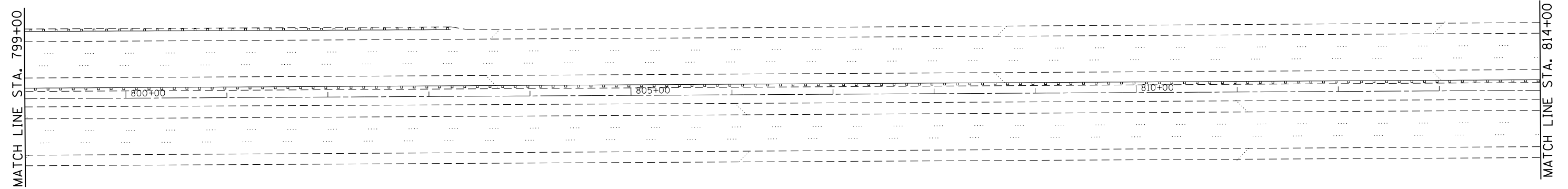
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				CONTRACT NO. 60X49
ILLINOIS FED. AID PROJECT				



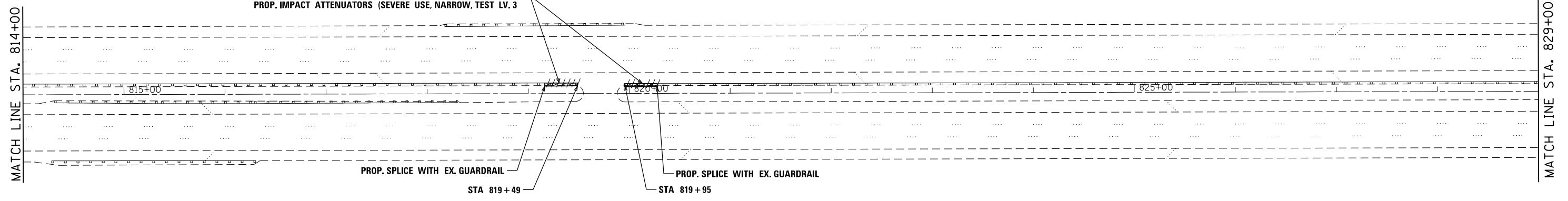
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 60X49				
	PLOT DATE = 1/31/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	



I-80 (MOLINE EXPY)



I-80 (MOLINE EXPY)

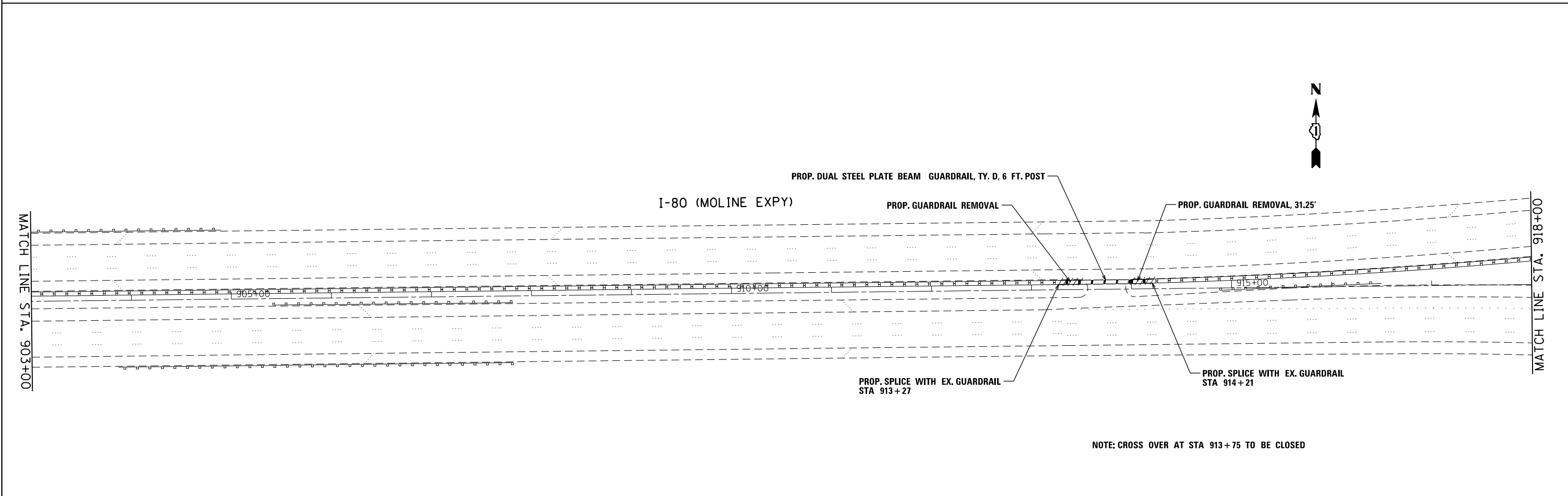
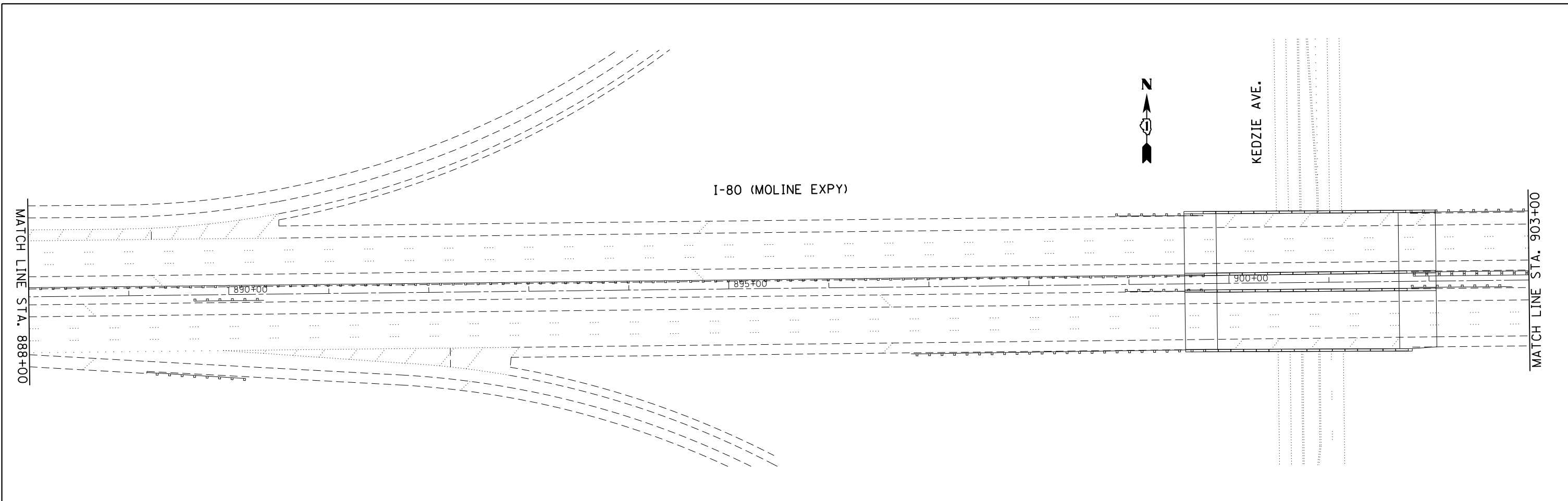


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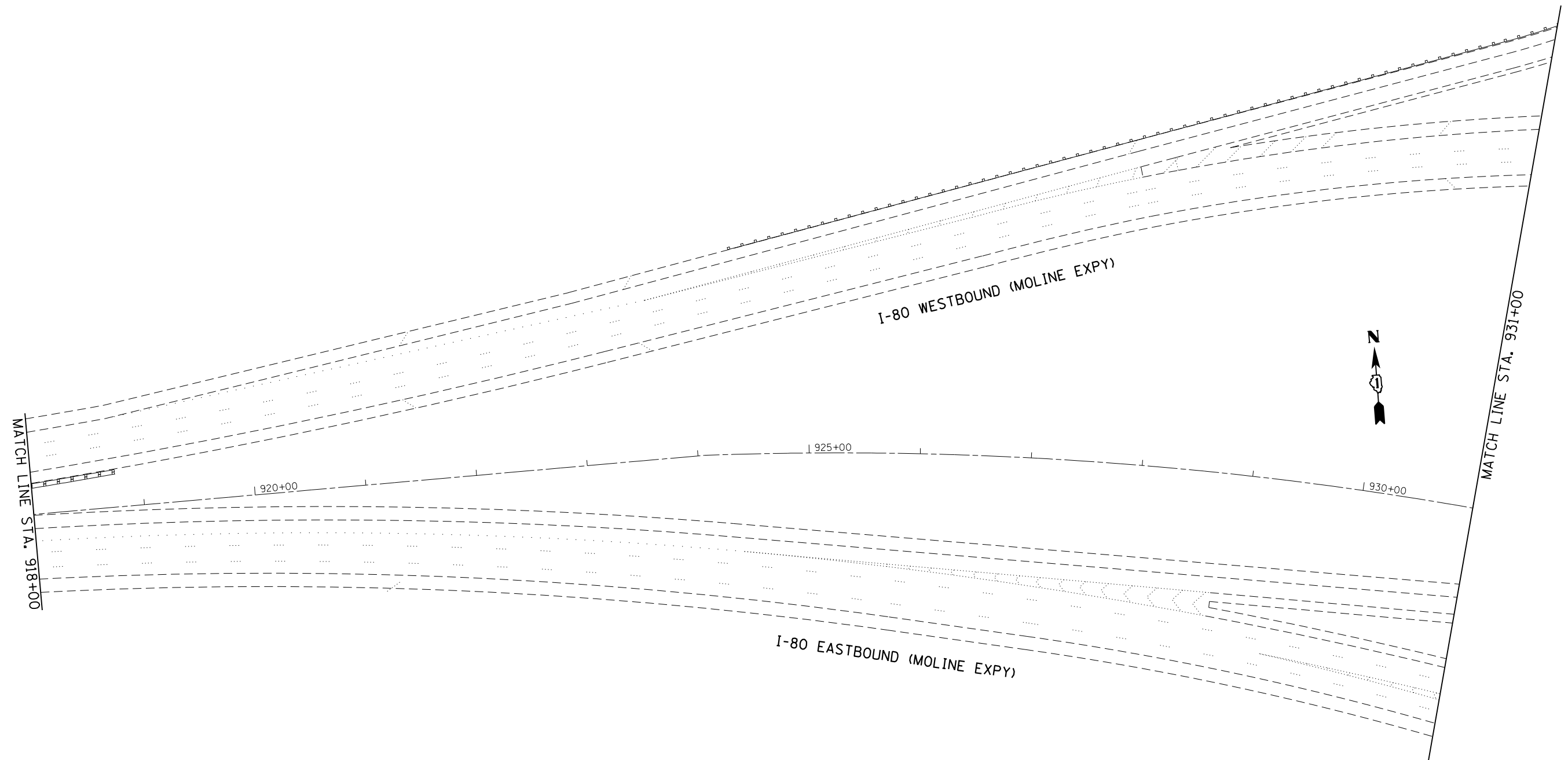
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN			
INTERSTATE 80 (FROM US RTE 30 TO I-294)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	32
CONTRACT NO. 60X49			ILLINOIS FED. AID PROJECT	



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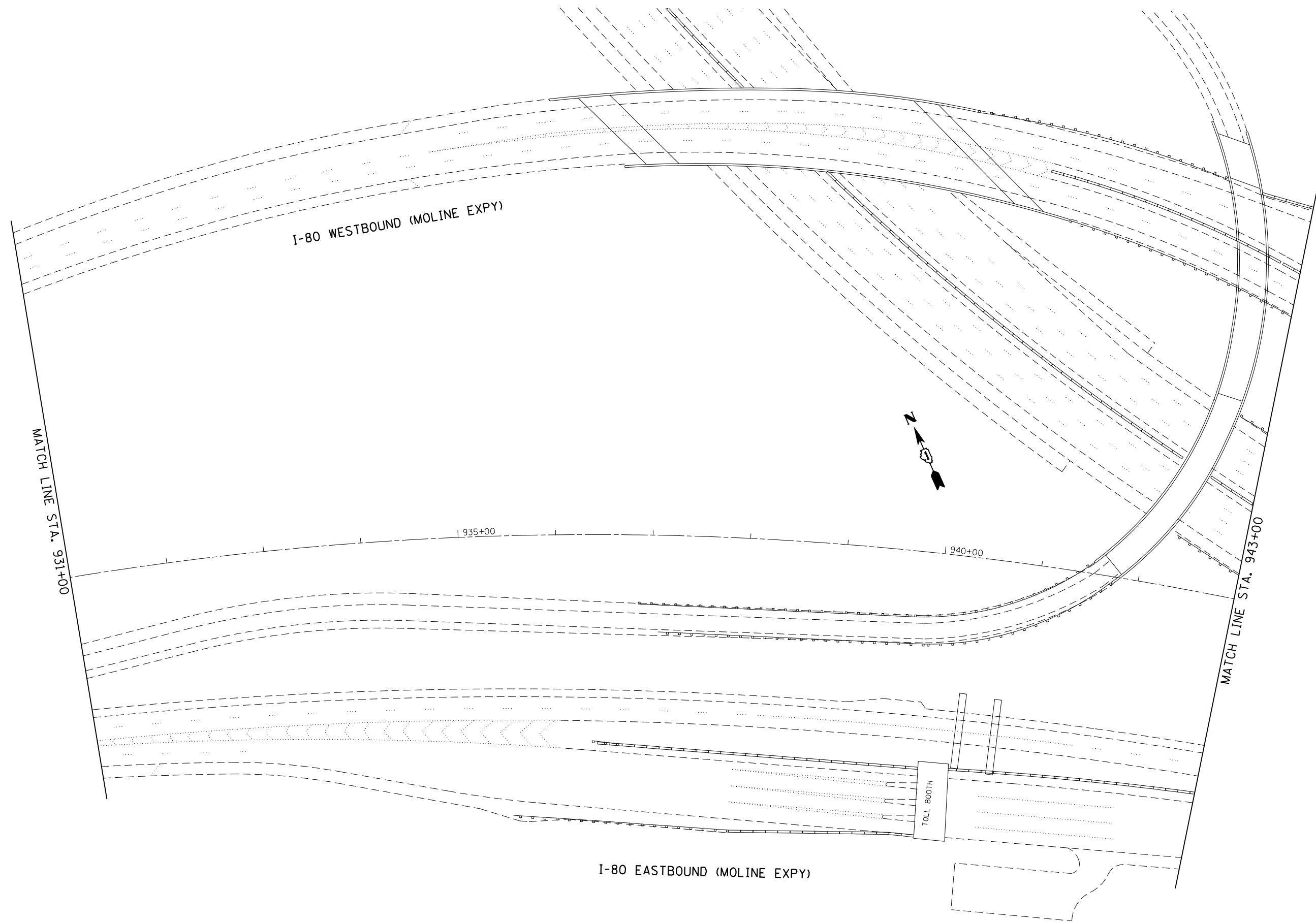


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN			
INTERSTATE 80 (FROM US RTE 30 TO I-294)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	36
CONTRACT NO. 60X49				
ILLINOIS FED. AID PROJECT				

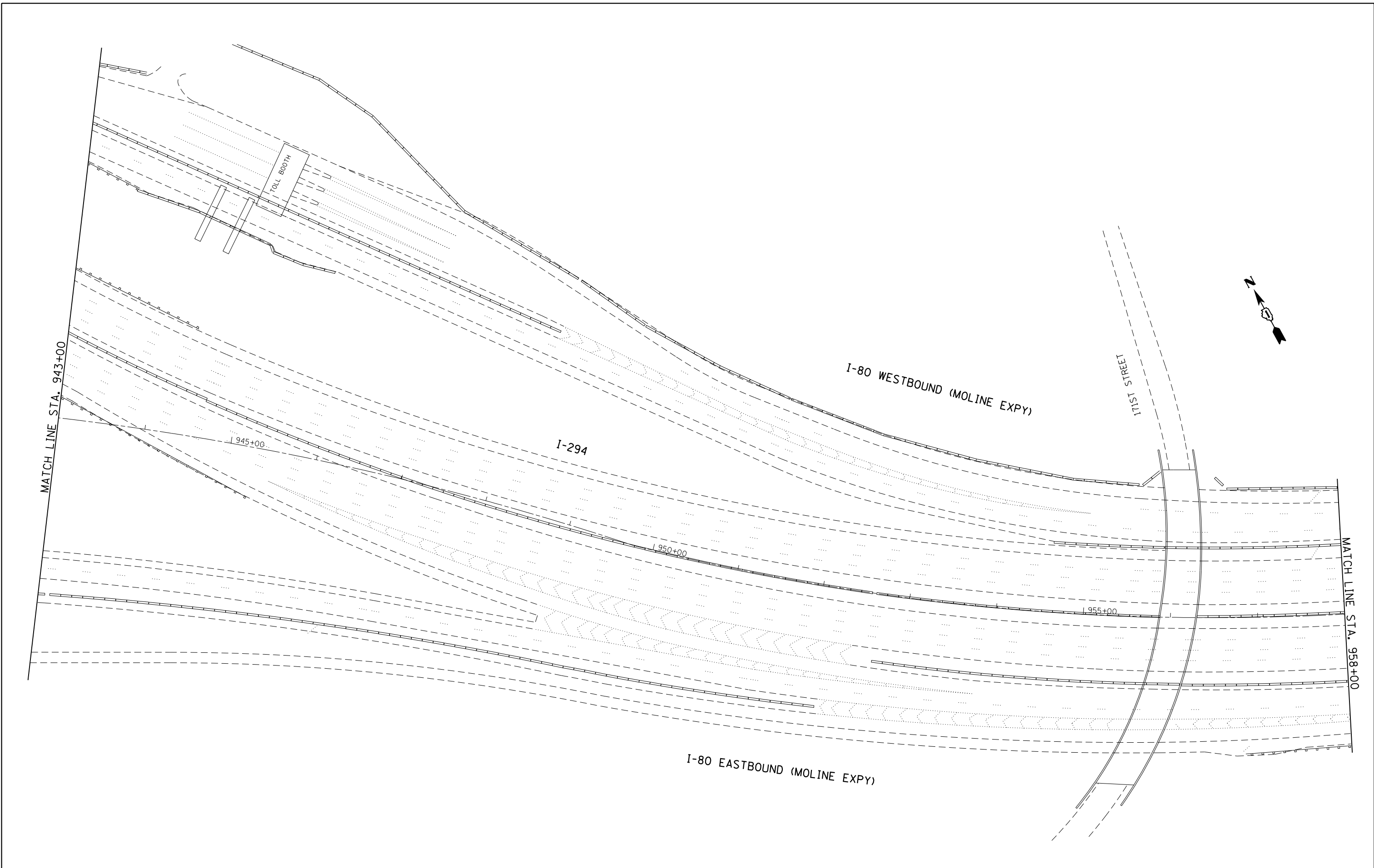


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN			
INTERSTATE 80 (FROM US RTE 30 TO I-294)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	37
CONTRACT NO. 60X49			ILLINOIS FED. AID PROJECT	



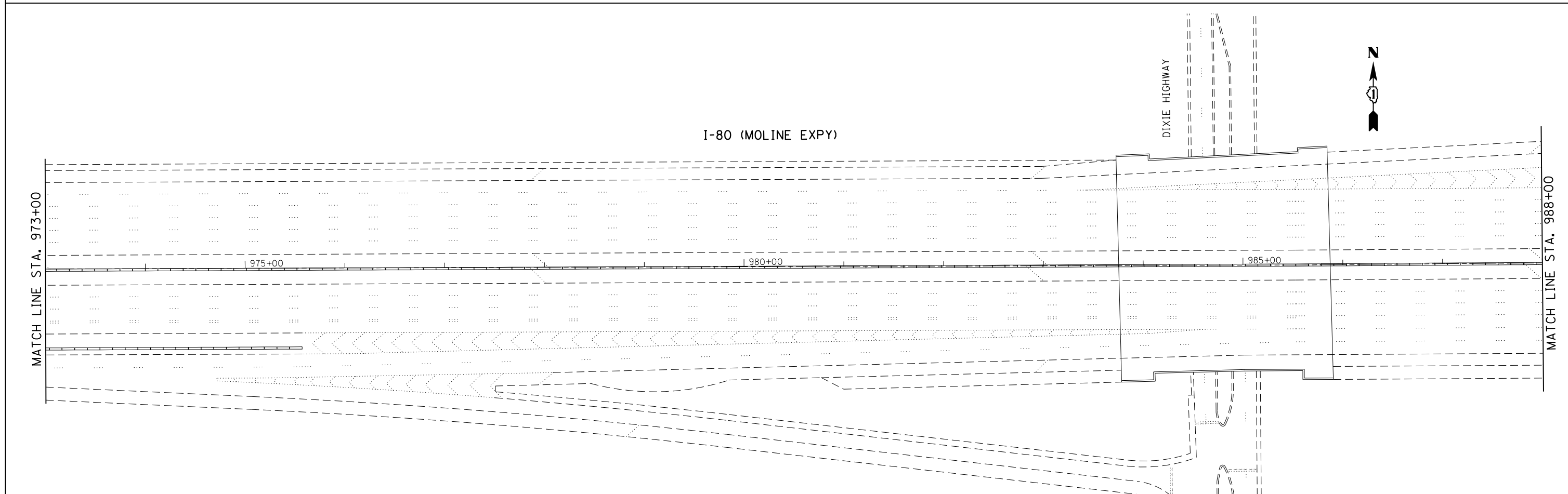
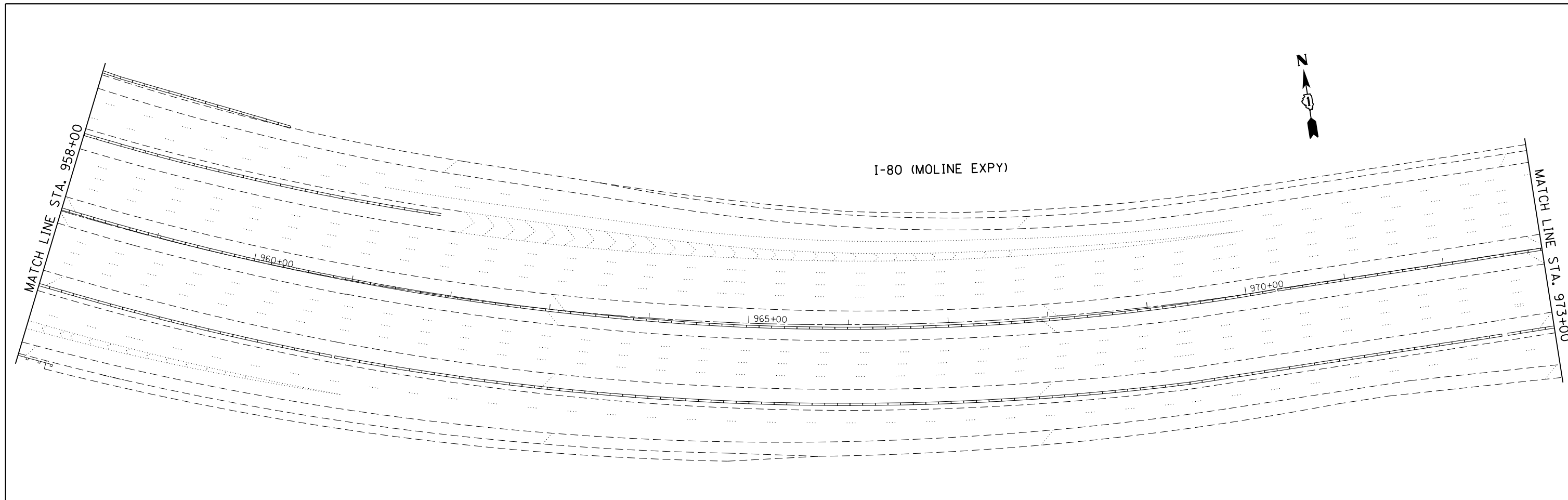
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	PLOT DATE = 1/31/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	38
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X49	



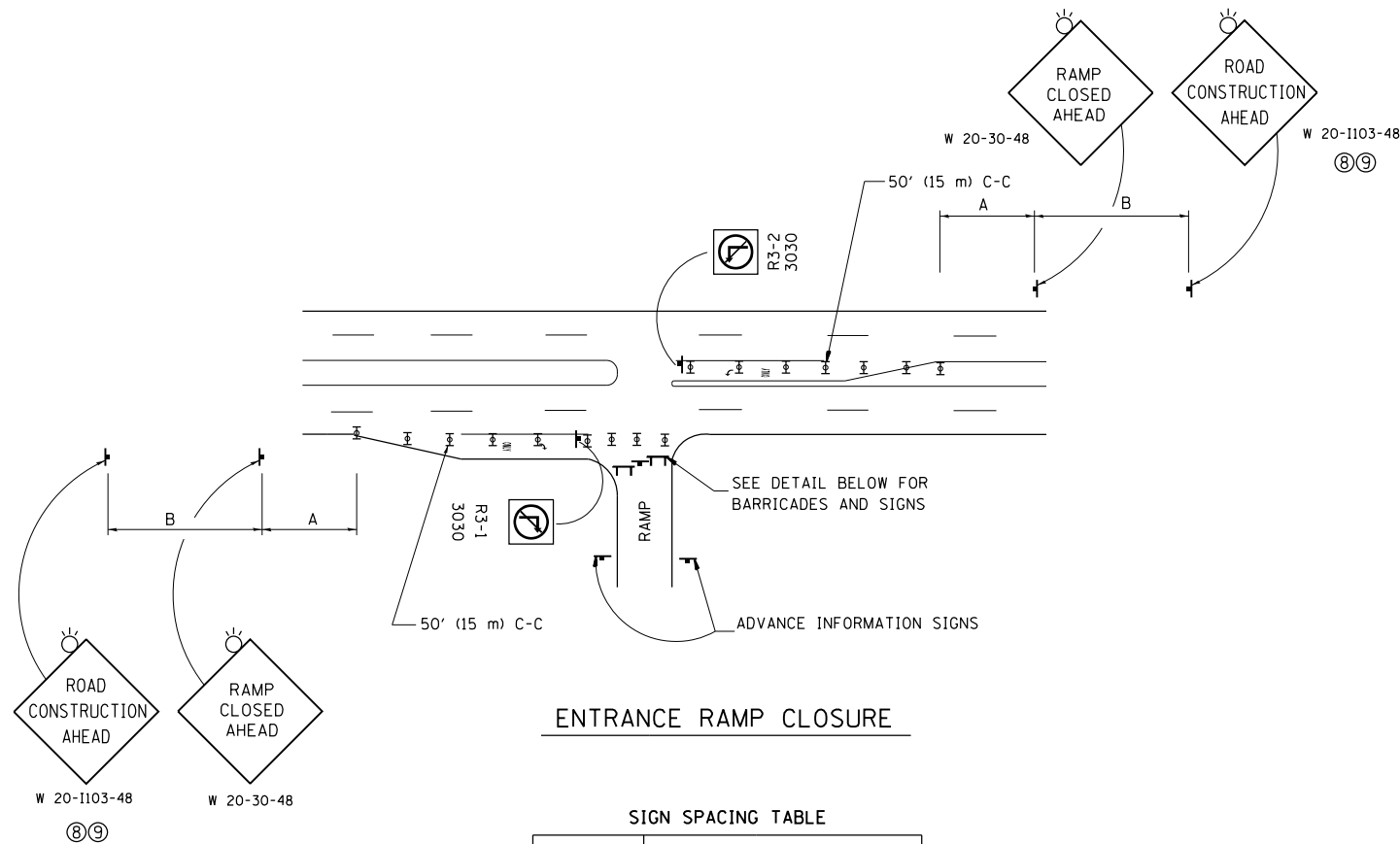
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
INTERSTATE 80 (FROM US RTE 30 TO I-294)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-072I	COOK/WILL	43	39
CONTRACT NO. 60X49				
ILLINOIS FED. AID PROJECT				

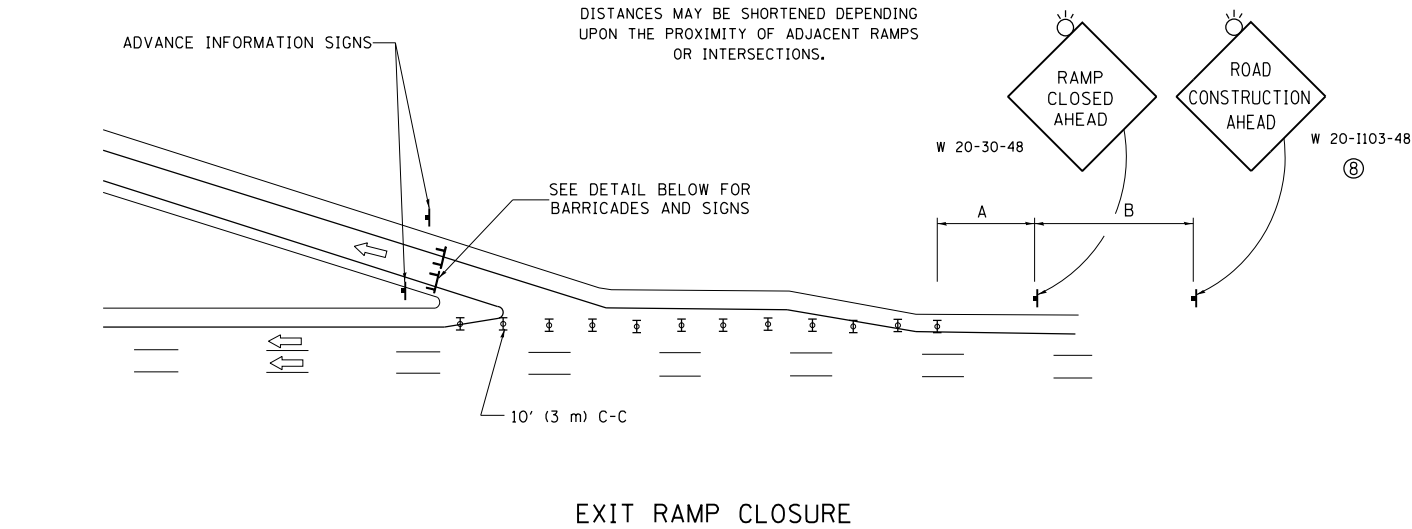


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY <24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

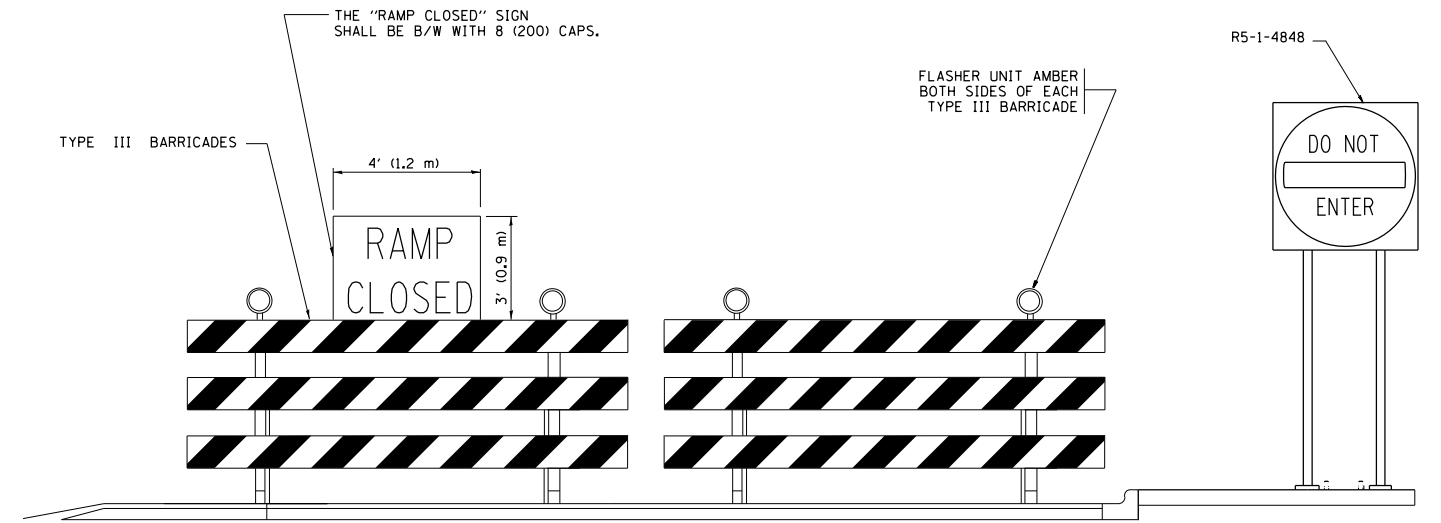
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

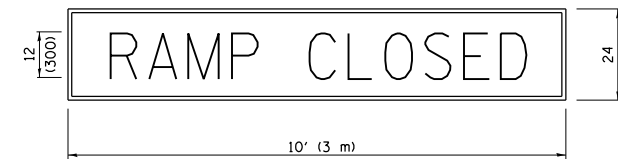
SYMBOLS

- ⊥ TYPE II BARRICADE OR DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- ⊓ TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

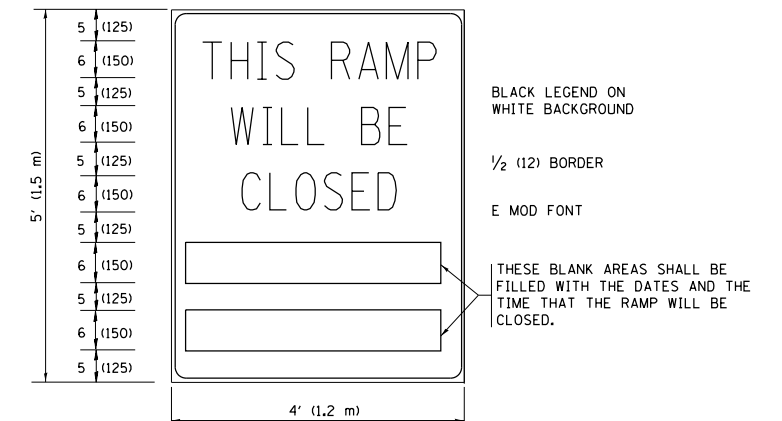
RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY
E MOD FONT
1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON WHITE BACKGROUND
1/2 (12) BORDER
E MOD FONT

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

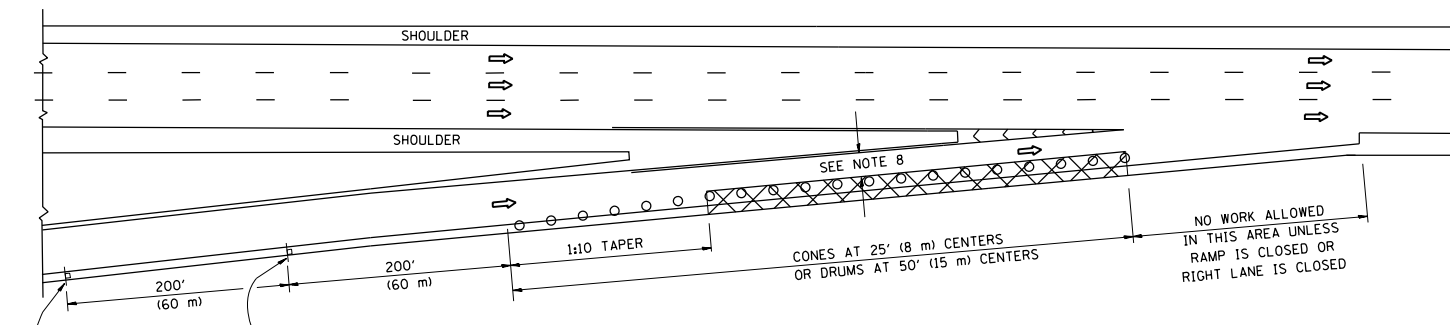
FILE NAME =	USER NAME = PencePL	DESIGNED - DWS	REVISED - JAF 02-06
et:\pw\work\p\idot\pencepl\d0368459\0111444-sht-plen.dgn		DRAWN -	REVISED - SPB 01-07
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED - SPB 12-09
	PLOT DATE = 1/31/2014	DATE - 02-83	REVISED - MD 06-13

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

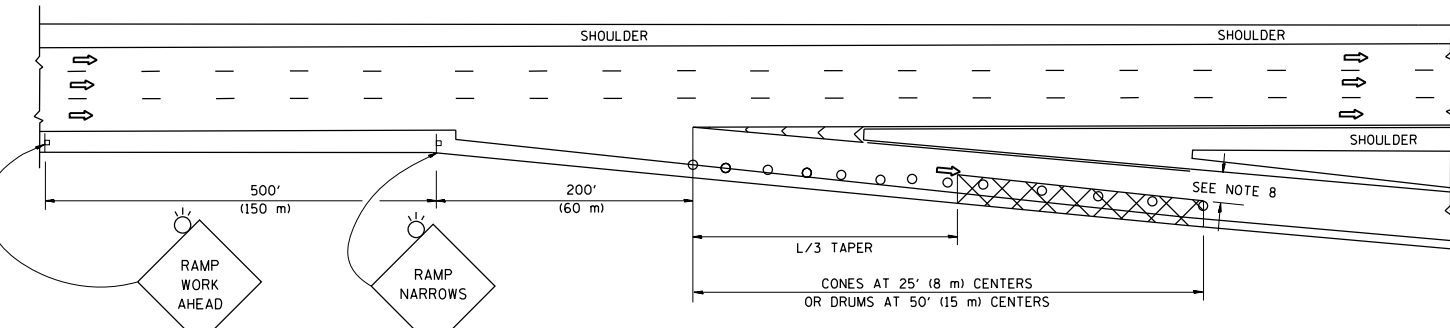
ENTRANCE AND EXIT RAMP CLOSURE DETAILS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-0721	COOK/WILL	43	41
TC-08			CONTRACT NO. 60X49	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

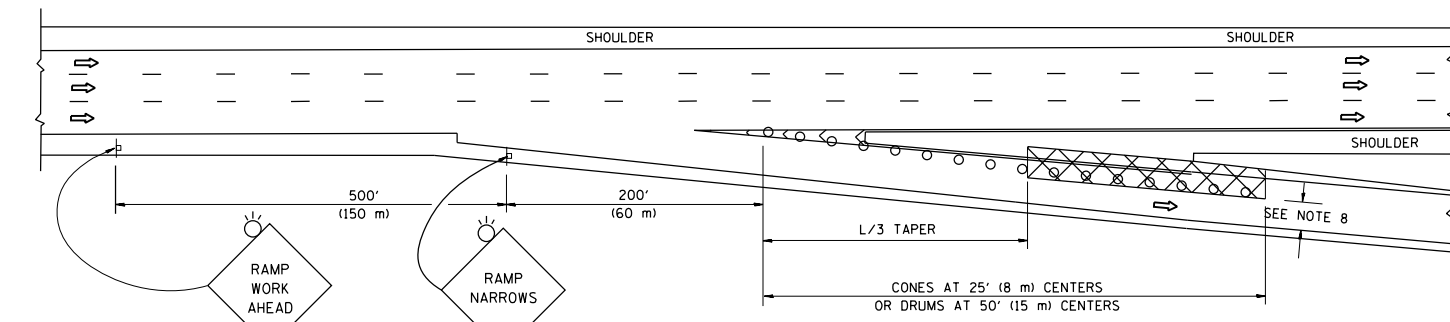
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

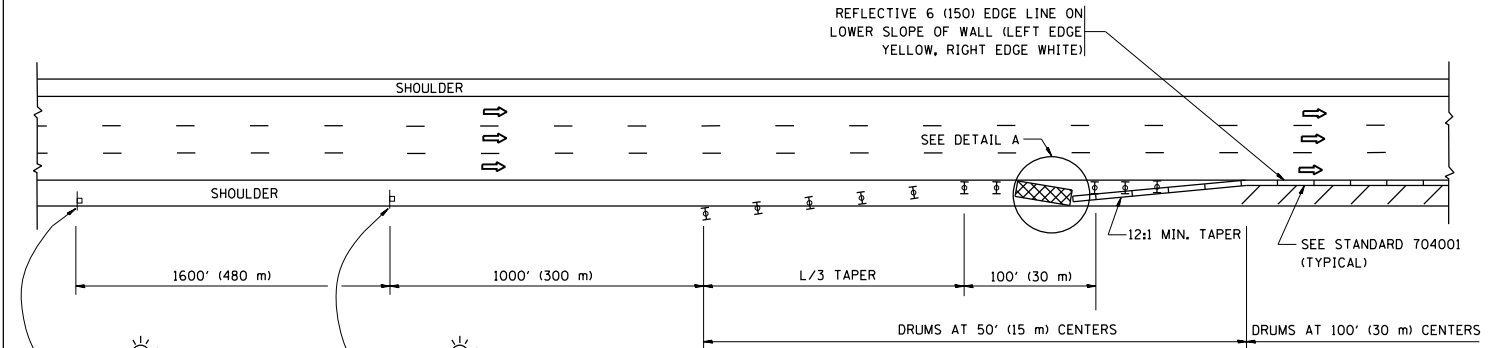
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:

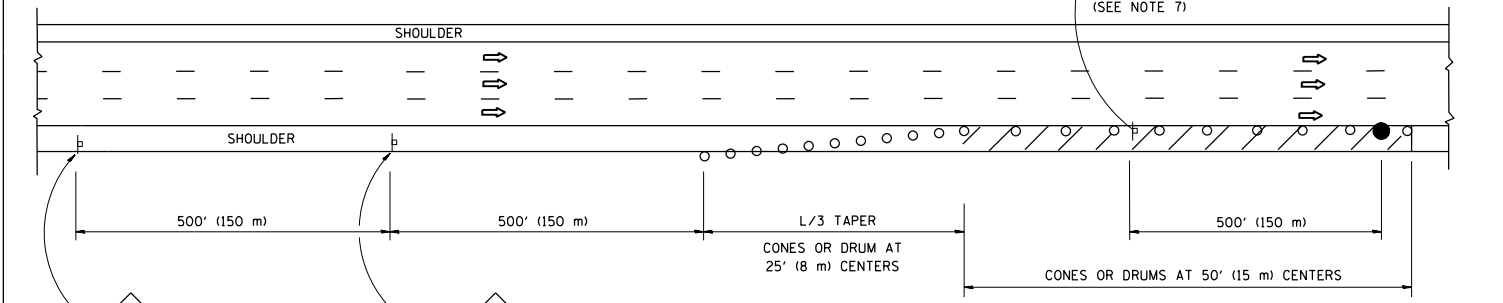
SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC ENGLISH
	$L=0.65(W)(S)$ $L=(W)(S)$

W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS

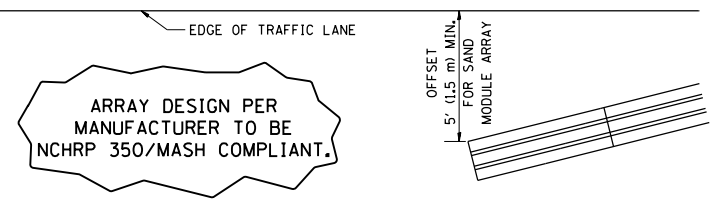


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

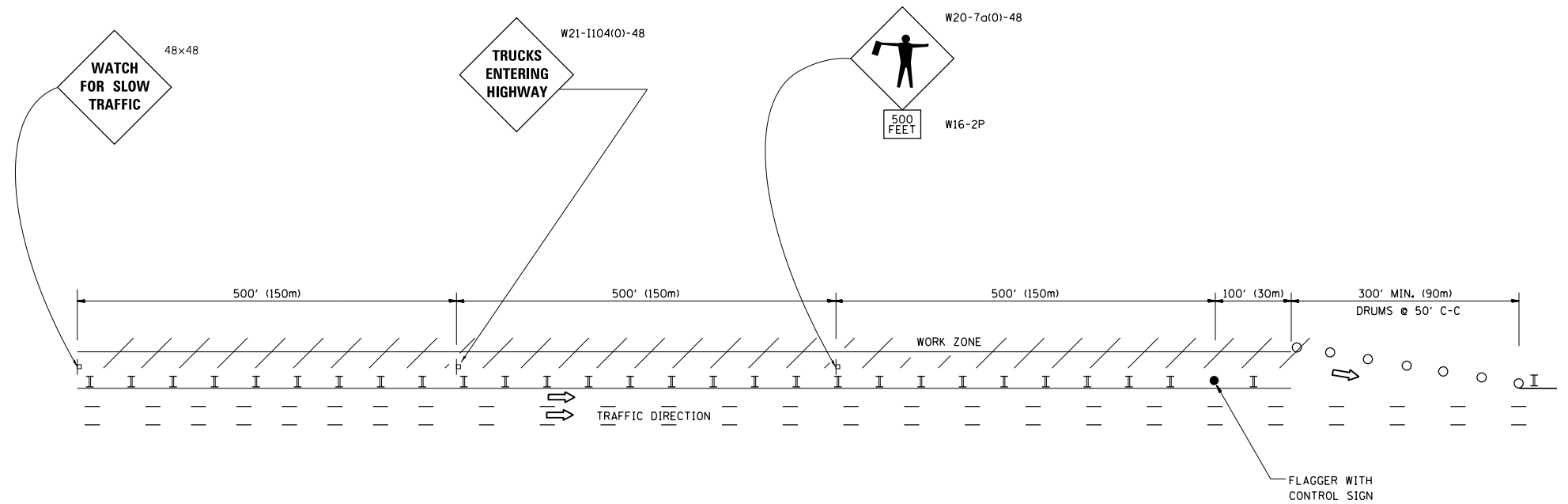
5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK AVTIVITY REQUIRES FREQUENT ENCR OACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
8. 12" MIN. WIDTH TANGENT SECTION
16" MIN. WIDTH CURVE SECTION.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

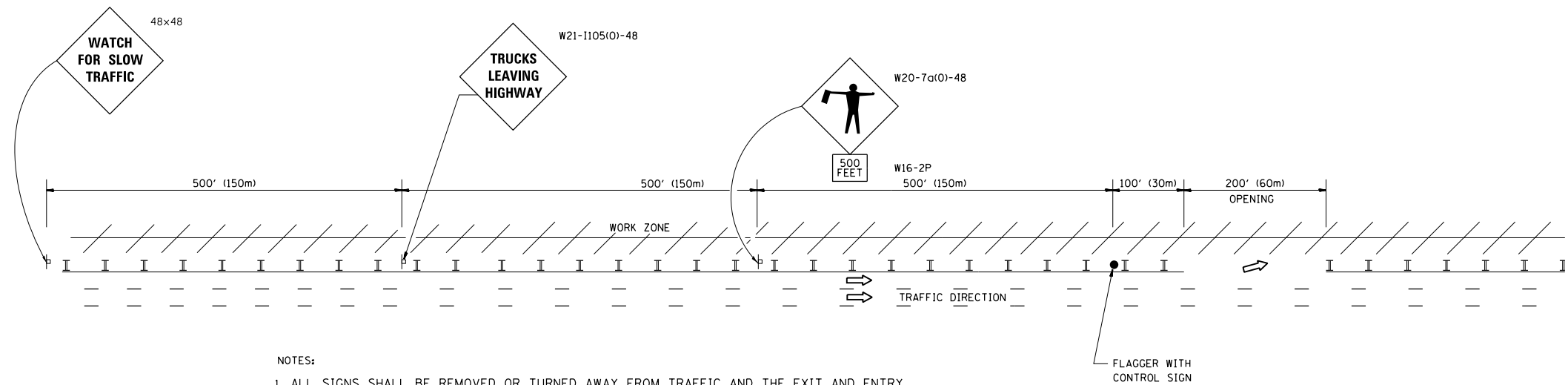
FILE NAME =	USER NAME = PencePL	DESIGNED -	REVISED - J.A.F. 12-06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw_work\p1dot\pencepl\d0368459\DI1144-sht-plen.dgn		DRAWN - D.W.S.	REVISED - S.P.B. 01-07		80	2013-0721	COOK/WILL	43	42			
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - S.P.B. 12-09		TC-17			CONTRACT NO. 60X49				
	PLOT DATE = 1/31/2014	DATE - 11-96	REVISED - M.D. 06-13		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. ALL SIGNS SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMP.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = PencePL	DESIGNED -	REVISED - J.A.F. 02-06
ct:\pw\work\p1dot\pencepl\d0368459\011144-4-sht-plen.dgn		DRAWN -	REVISED - S.P.B. 01-07
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - S.P.B. 12-09
	PLOT DATE = 1/31/2014	DATE -	REVISED - M.D. 06-13

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS ON FREEWAYS/EXPRESSWAYS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-0721	COOK/WILL	43	43
TC-18				
CONTRACT NO. 60X49				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				