

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

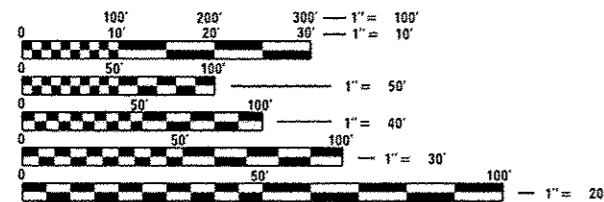
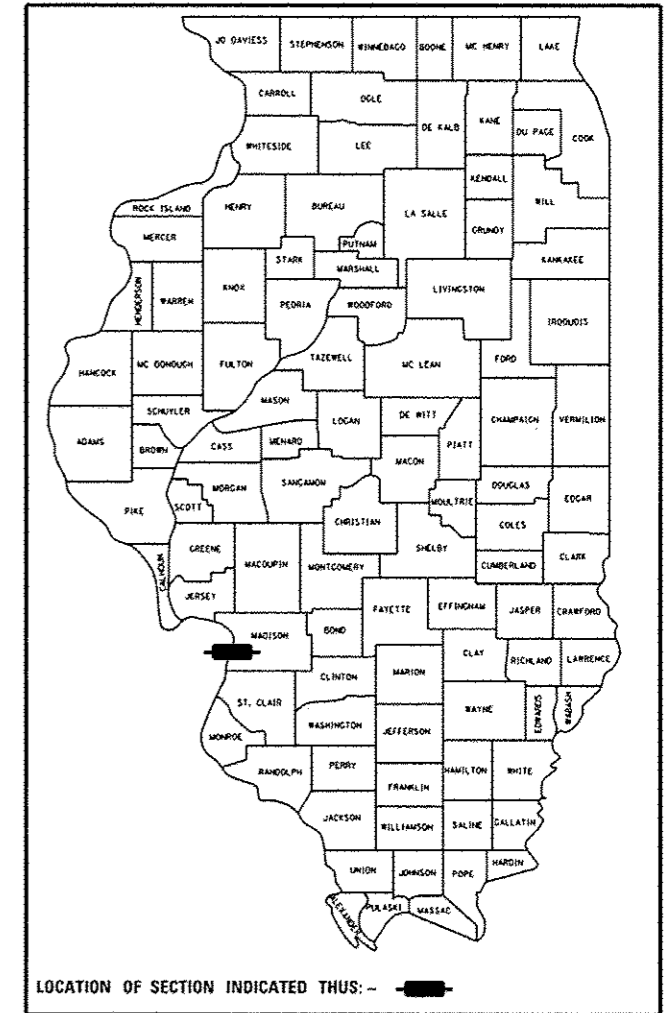
FAP ROUTE 304  
SECTION 100B-1DS-2  
PROJECT: ACNHPP-0304(049)  
US 67 (CLARK BRIDGE)  
DECK SEALING  
MADISON COUNTY

C-98-003-16

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	100B-1DS-2	MADISON	12	1
		ILLINOIS	CONTRACT NO. 76J31	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

D-98-005-16



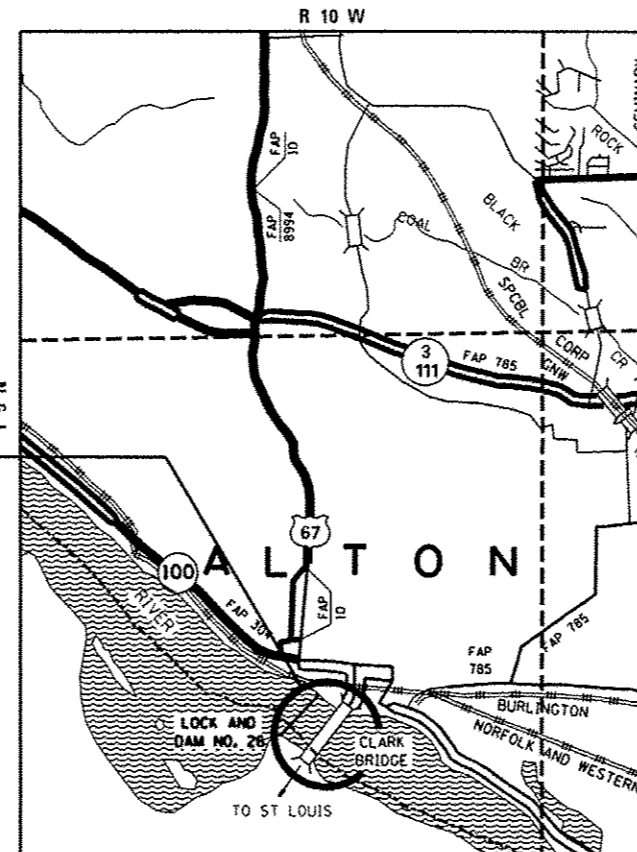
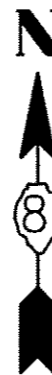
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: HERVE GELIN (618)346-3179  
SQUAD LEADER: CECIL DOWNING (618)346-3186

CONTRACT NO. 76J31

LOCATION: CLARK BRIDGE  
N 38° 52' 55"  
W 90° 10' 43"



ALTON TOWNSHIP  
SCALE: NOT TO SCALE

ADT  
26,800 (2015)  
SU = 2.00%  
MU = 2.10%

GROSS LENGTH = 4620.00 FT. = .875 MILE  
NET LENGTH = 4620.00 FT. = .875 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Oct 18 2016  
Jeffrey Z. Kain REGIONAL ENGINEER

\_\_\_\_\_  
ENGINEER OF DESIGN AND ENVIRONMENT

\_\_\_\_\_  
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS**

**INDEX OF SHEETS**

- 1 COVER
- 2 INDEX OF SHEETS, GENERAL NOTES, & LIST OF STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4,5 TYPICAL CROSS SECTIONS
- 6 SCHEDULE OF QUANTITIES
- 7-10 GENERAL PLANS
- 11 DETAIL SHEET
- 12 TRAFFIC CONTROL AND PROTECTION, SPECIAL

**LIST OF STANDARDS**

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701422-09 LANE CLOSURE, MULTILANE, FOR SPEEDS  $\geq$  45 MPH TO 55 MPH
- 701901-06 TRAFFIC CONTROL DEVICES

**GENERAL NOTES**

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
2. PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE AND ROADWAY HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NORMAL CONSTRUCTION VARIATIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT BID FOR THE WORK.
3. IN ADDITION TO TO THE REQUIREMENTS OF ARTICLE 107.16, THE CONTRACTOR SHALL PROTECT THE SURFACE OF THE BRIDGE DECK AND BRIDGE APPROACH PAVEMENT IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 107.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.
4. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTOR TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERAL FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORK FORCE 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 COURSE WORK (CARPENTRY, CONCRETE FLAT WORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION. TO PREPARE THEM FOR A CAREER IN THEIR 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.
5. CONTRACTOR MUST PROTECT ALL BRIDGE LIGHTING, UTILITIES, FIXTURES, CONDUITS, ETC. DURING WORK. ANY DAMAGE MUST BE REPORTED TO ENGINEER IMMEDIATELY.
6. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA 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:

UTILITY	ABOVE GROUND	BELOW GROUND
• AMEREN ILLINOIS	X	X
• AT&T ILLINOIS	X	X
• CHARTER COMMUNICATIONS, INC.	X	X
• CITY OF ALTON (LIGHTING)	X	X
• CITY OF ALTON (SANITARY SEWER)	X	X
• ILLINOIS AMERICAN WATER COMPANY	X	X

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

7. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.

**COMMITMENTS**

**PERTINENT INFORMATION**

1. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING INDIVIDUALS AT LEAST TWO WEEKS PRIOR TO PROCEEDING WITH THIS WORK:
  - MADISON COUNTY TRANSIT DISTRICT, FAX (618) 797-7547
  - MADISON COUNTY 911 EMERGENCY TELEPHONE SYSTEM BOARD, (618) 296-5911
  - DISTRICT 8 TRAFFIC MANAGEMENT CENTER, (618) 346-3233
  - MISSOURI DEPARTMENT OF TRANSPORTATION, (314) 453-1799, ATTN.: MICHELLE VOEGELE
  - METRO EAST PARK AND RECREATION DISTRICT, (618) 346-4905
  - TRAILNET, (314) 436-1324
  - LEAGUE OF ILLINOIS BICYCLISTS, (630) 978-0583
  - GREAT RIVERS GREENWAY, (314) 436-7009

FILE NAME =	USER NAME = DntelmenJN	DESIGNED - GEL	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, GENERAL NOTES, COMMITMENTS &amp; LIST OF STANDARDS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 180.0000' / in.	DATE - 11/16/2012	REVISED -			CONTRACT NO. 76J31		ILLINOIS FED. AID PROJECT		

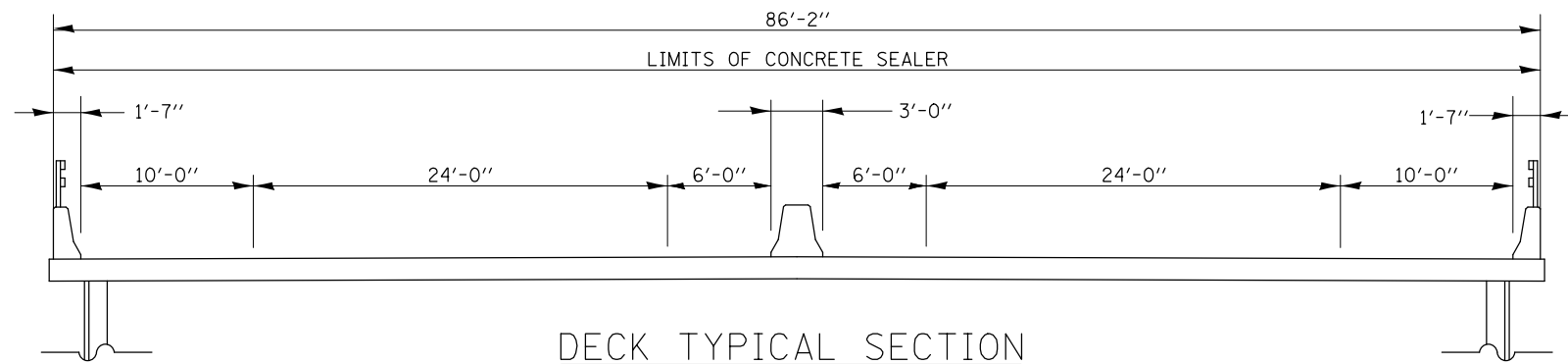
# SUMMARY OF QUANTITIES

80% FED  
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0014 URBAN STRUCTURE		
67100100	MOBILIZATION	L SUM	1	1		
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	3	3		
X5870015	BRIDGE DECK CONCRETE SEALER	SQ FT	449124	449124		

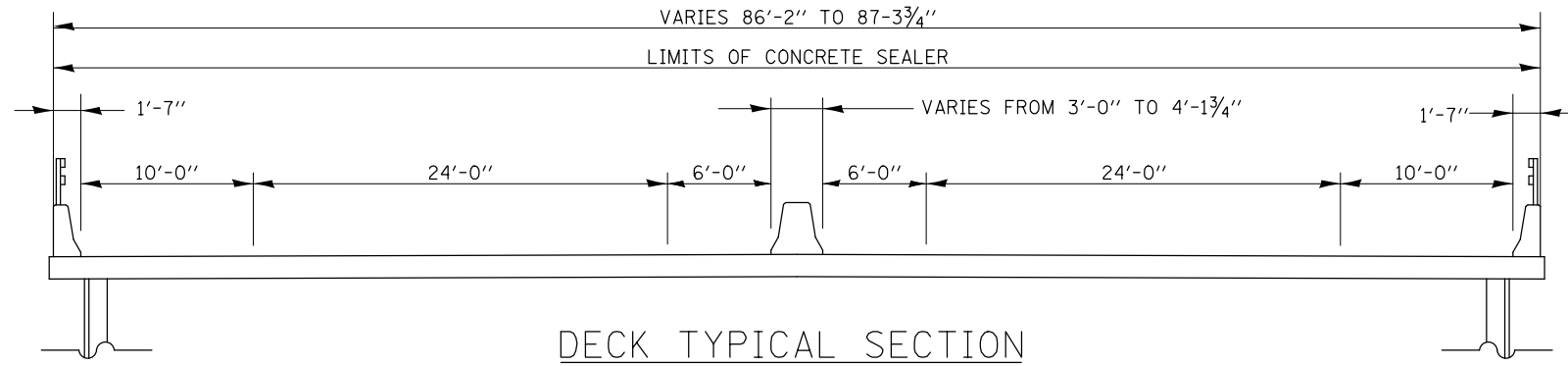
SUMMARY OF QUANTITIES				TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT					

4



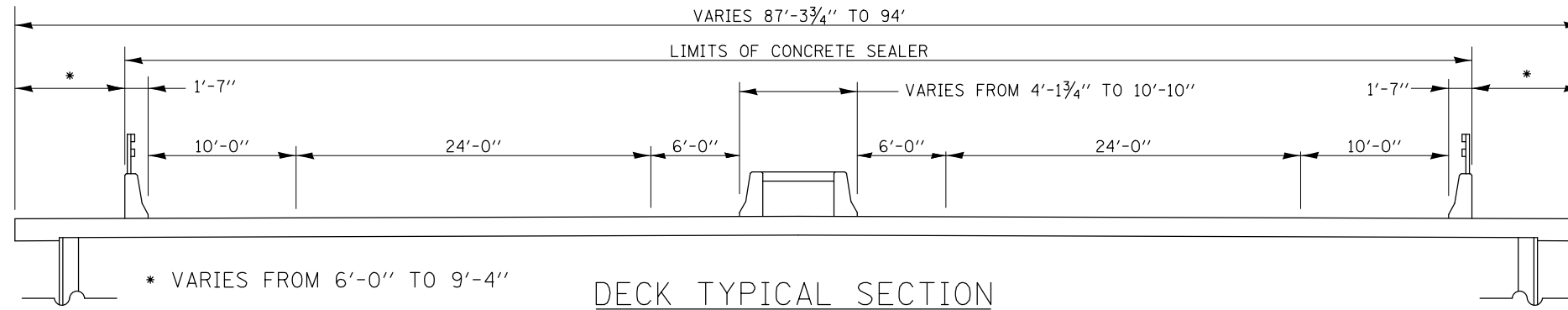
**DECK TYPICAL SECTION**

STA. 208+35.00 TO STA. 224+43.04  
STA. 237+97.12 TO STA. 250+62.00



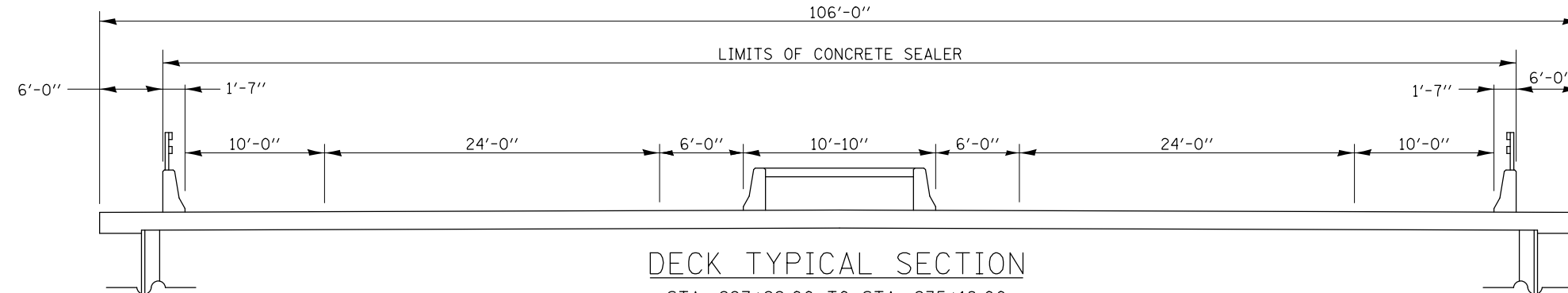
**DECK TYPICAL SECTION**

STA. 224+43.04 TO STA. 225+21.50  
STA. 237+18.50 TO STA. 237+97.12



**DECK TYPICAL SECTION**

STA. 225+21.50 TO STA. 227+22.00  
STA. 235+18.00 TO STA. 237+18.50



**DECK TYPICAL SECTION**

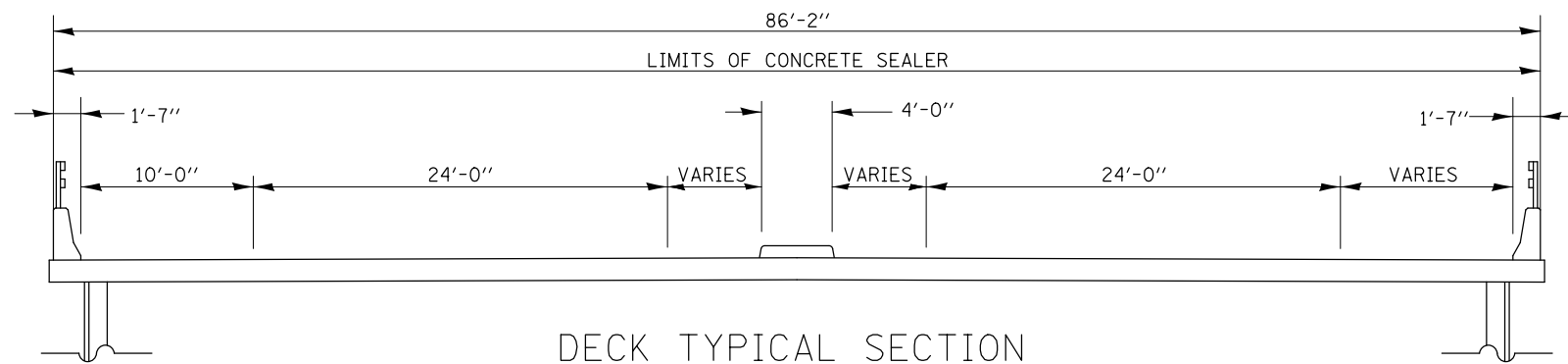
STA. 227+22.00 TO STA. 235+18.00

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		CHECKED - MDP	REVISED -
		DATE - 11/16/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
SCALE:	SHEET NO. 1	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	100B-IDS-2	MADISON	12	4
CONTRACT NO. 76J31				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**DECK TYPICAL SECTION**

STA. 250+65.00 TO STA. 254+55

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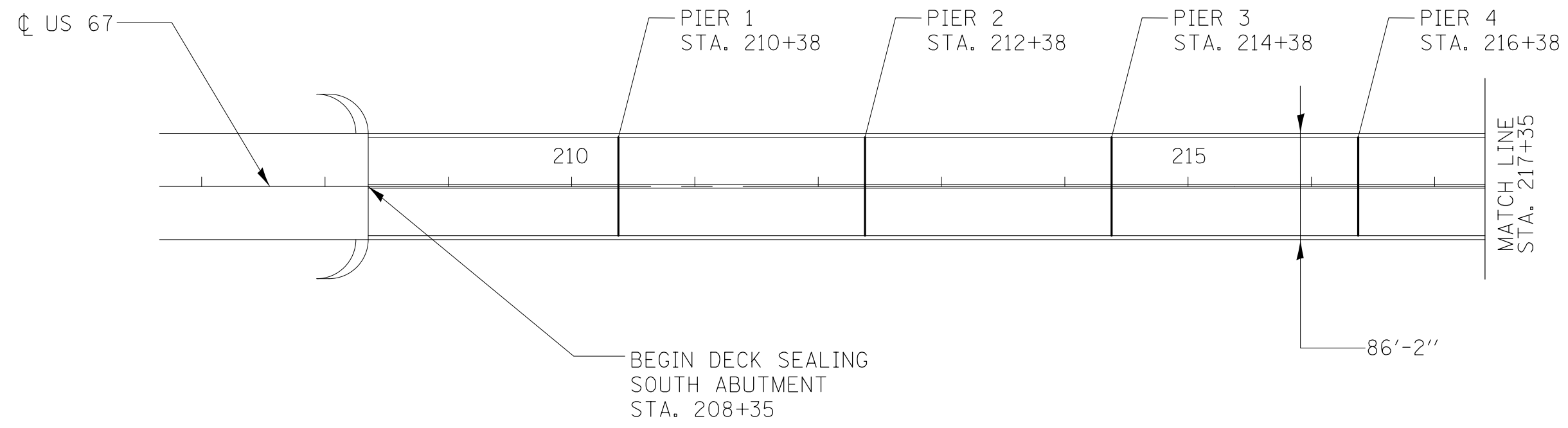
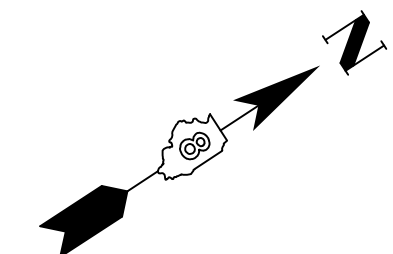
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	100B-IDS-2	MADISON	12	5
CONTRACT NO. 76J31				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LOCATION			DECK AREA	OUTSIDE PARAPET	INSIDE PARAPET	INSIDE SOLID MEDIAN	INSIDE 4" MEDIAN SURFACE	RAISED CONC. MEDIAN WIDTH
STA TO STA			SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT
208+35	TO	224+43	128640	12349.44		12060.00		
224+43	TO	225+22	6320	606.72		637.53		
225+22	TO	227+22	16000	1536.00	1468.00		1498	
227+22	TO	235+18	63680	6113.28	5842.64		8620.68	
235+18	TO	237+19	16080	1543.68			1505.49	
237+19	TO	250+62	107440	10314.24		10838.01		
250+62	TO	254+55	31440	3018.24				1572
SUB-TOTAL			369600.00	35481.60	7310.64	23535.54	11624.17	1572
TOTAL			449124					



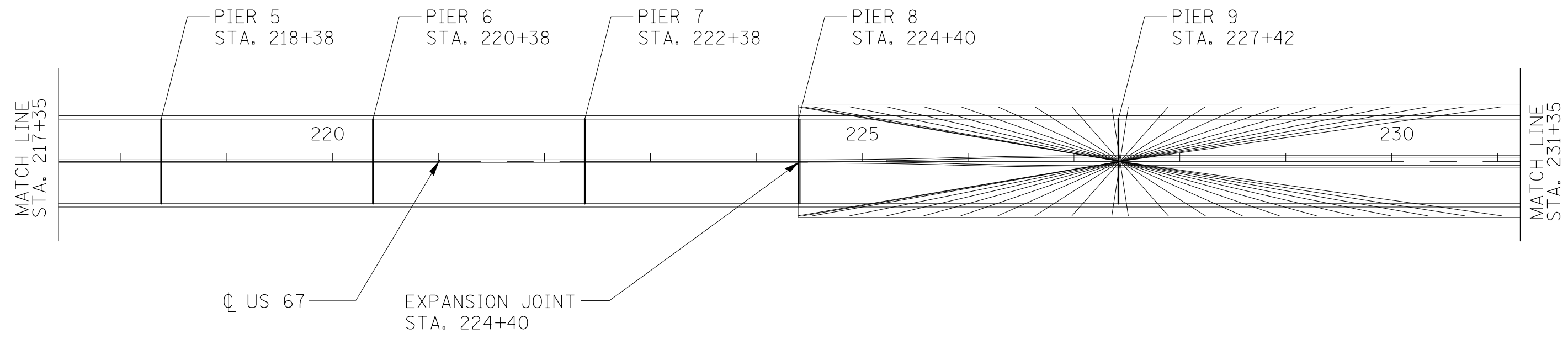
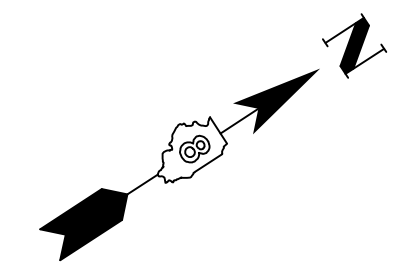
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	PLOT DATE = 10/20/2016	DATE - 11/16/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CLARK BRIDGE AND APPROACHES**

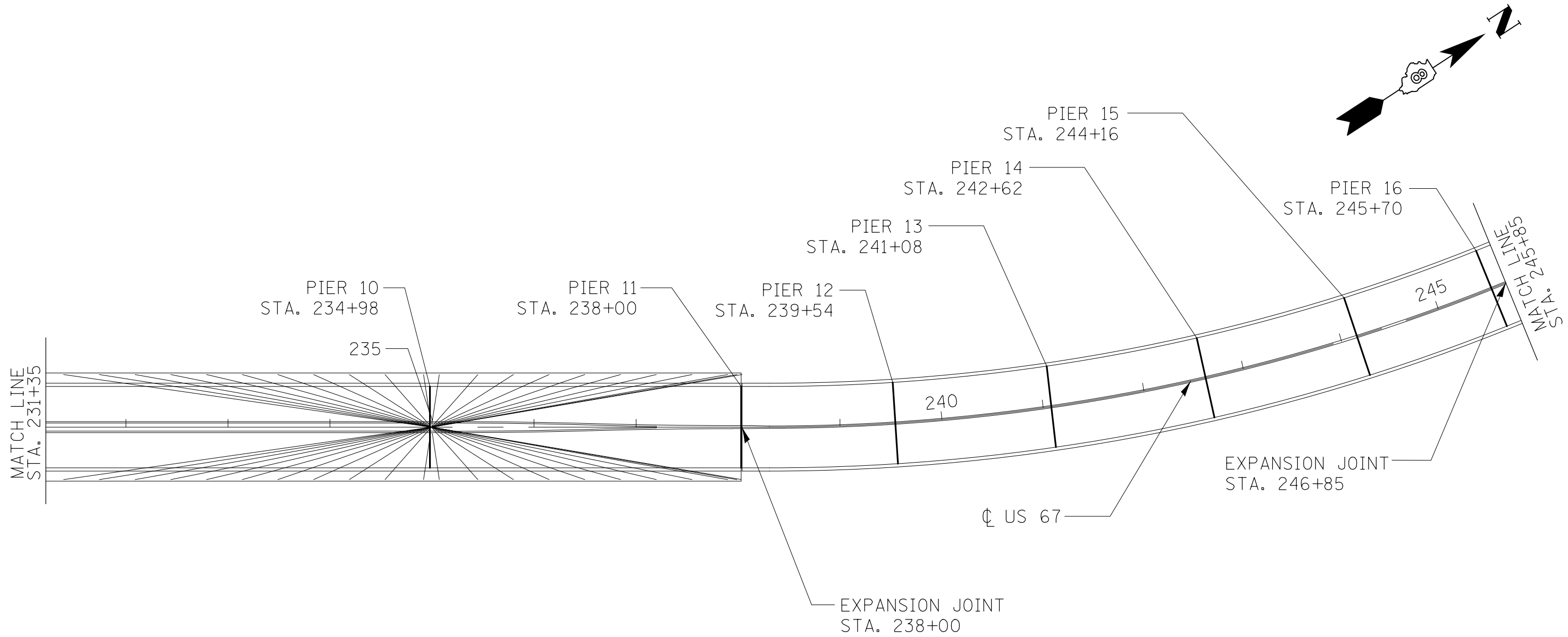
SCALE: SHEET NO. 1 OF 4 SHEETS STA. 207+00 TO STA. 217+35

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	100B-IDS-2	MADISON	12	7
CONTRACT NO. 76J31				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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PLOT DATE = 10/20/2016	DATE - 11/16/2012	REVISED -		SCALE:	SHEET NO. 2 OF 4 SHEETS	STA. 217+35 TO STA. 231+35	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76J31	





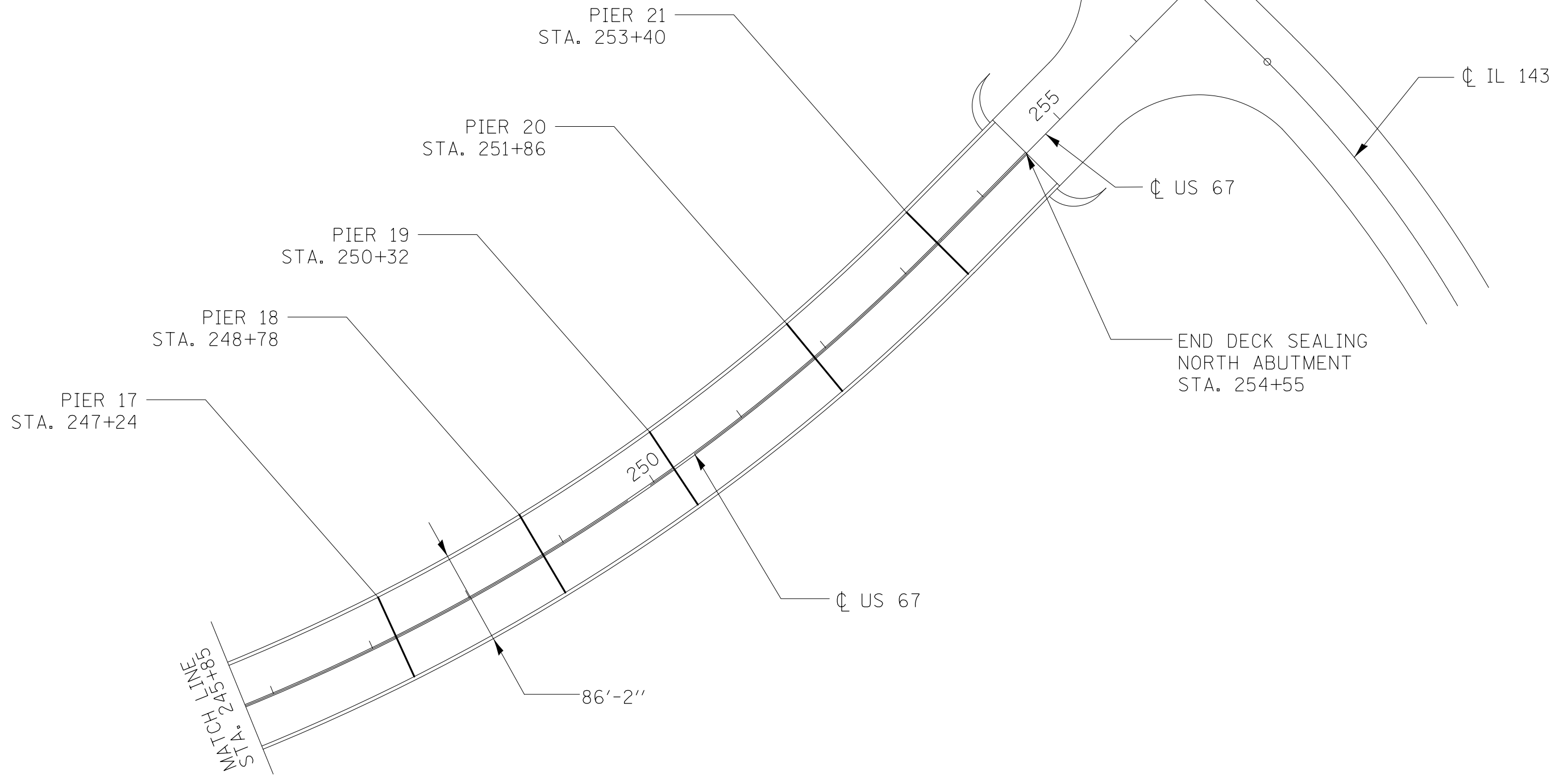
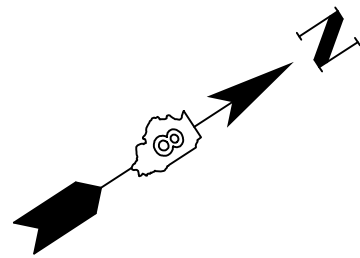
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CLARK BRIDGE AND APPROACHES**

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	100B-IDS-2	MADISON	12	9
CONTRACT NO. 76J31				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



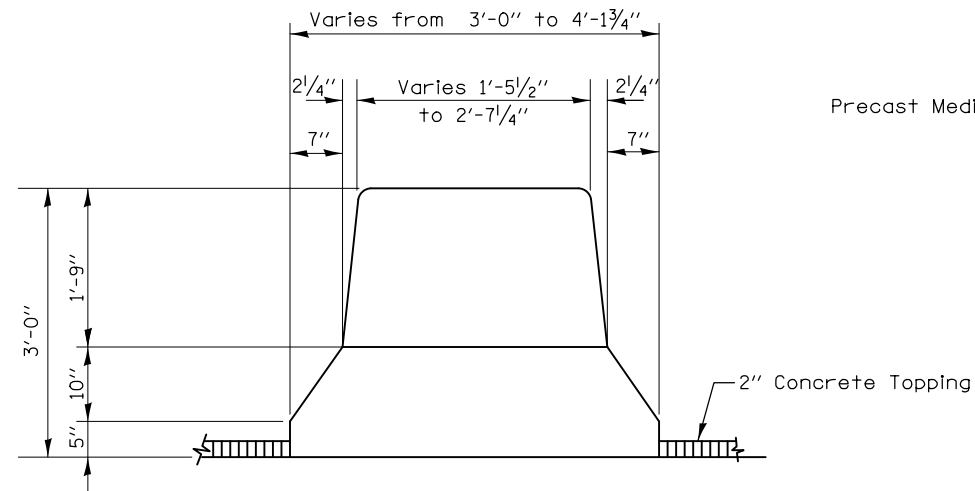
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	PLOT DATE = 10/20/2016	DATE - 11/16/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CLARK BRIDGE AND APPROACHES**

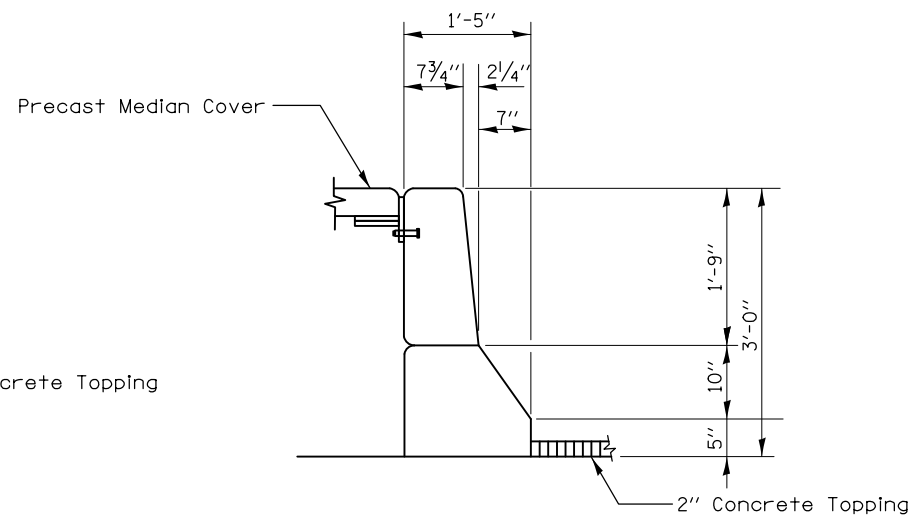
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	100B-IDS-2	MADISON	12	10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76J31	



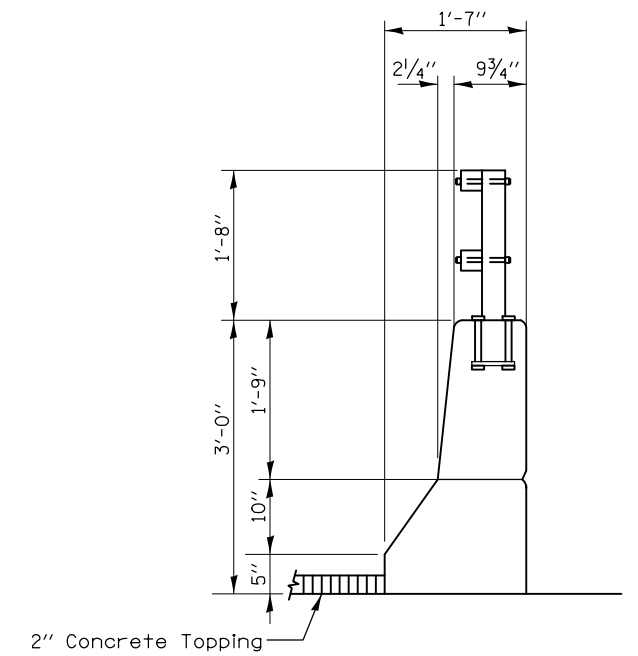
DETAIL "A"  
SOLID MEDIAN

STA. 224+43.04 TO 225+21.5  
STA. 237+18.5 TO 237+97.12



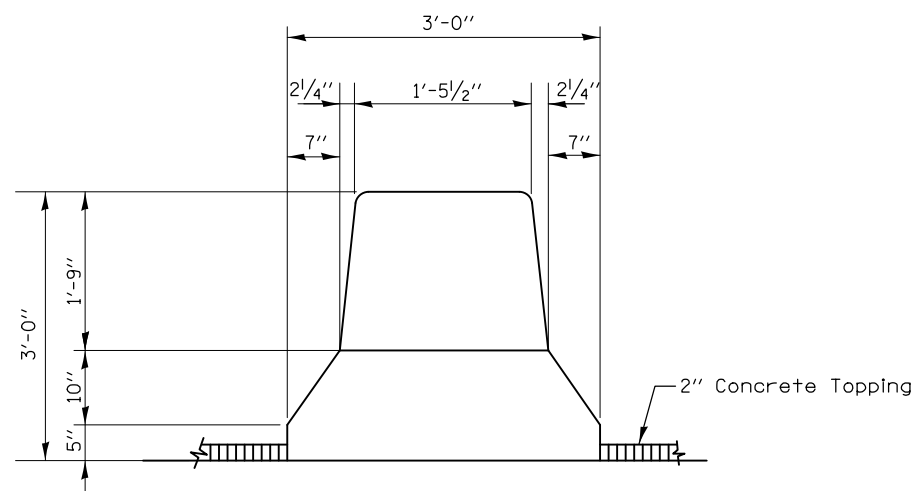
DETAIL "B"  
INSIDE PARAPET

STA. 225+21.5 TO 237+18.5



DETAIL "C"  
OUTSIDE PARAPET

STA. 208+35 TO STA. 254+55



DETAIL "D"  
SOLID MEDIAN

STA. 208+35 TO 224+43.04  
STA. 237+97.12 TO 254+55

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

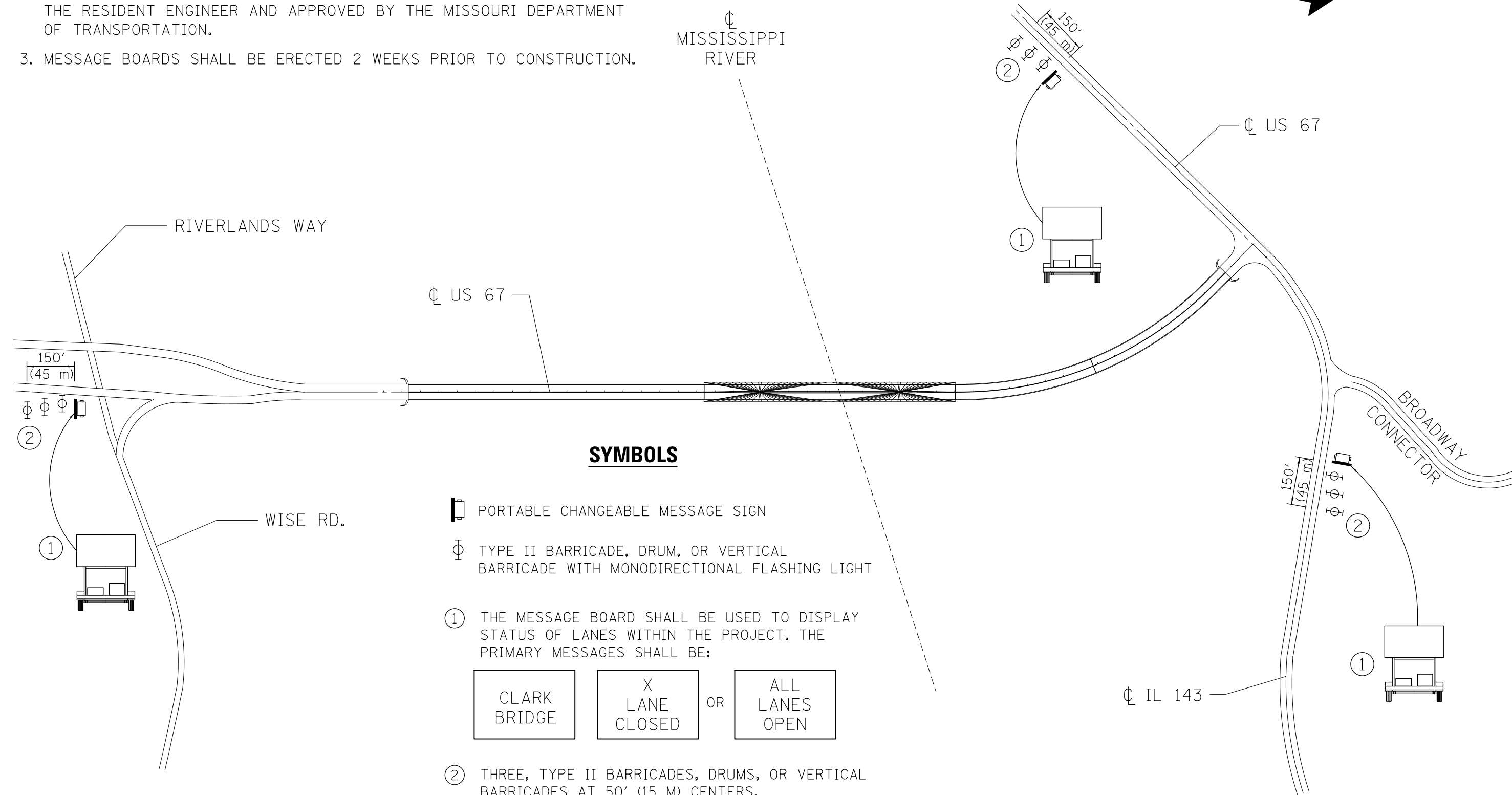
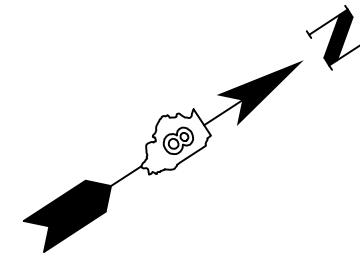
DETAIL SHEET

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



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	100B-IDS-2	MADISON	12	11
CONTRACT NO. 76J31				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**NOTES**

1. LOCATIONS OF MESSAGE BOARDS IN ILLINOIS TO BE COORDINATED WITH THE RESIDENT ENGINEER.
2. LOCATION OF MESSAGE BOARD IN MISSOURI TO BE COORDINATED WITH THE RESIDENT ENGINEER AND APPROVED BY THE MISSOURI DEPARTMENT OF TRANSPORTATION.
3. MESSAGE BOARDS SHALL BE ERECTED 2 WEEKS PRIOR TO CONSTRUCTION.



**SYMBOLS**

-  PORTABLE CHANGEABLE MESSAGE SIGN
-  TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

① THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:



② THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 50' (15 M) CENTERS.

FILE NAME =	USER NAME = DintelmanJN	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION, SPECIAL</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLLOT DATE = 10/20/2016	DATE -	REVISED -			CONTRACT NO. 76J31				
						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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