#### STATE OF ILLINOIS

### DEPARTMENT OF TRANSPORTATION

**DIVISION OF HIGHWAYS** 

# **PROPOSED** HIGHWAY PLANS

**FAI ROUTE 270 (I-270)** SECTION 60B-1DS-1 PROJECT ACNHPP - 0270 (405) **BRIDGE DECK SEAL MADISON** COUNTY

C-98-001-15

#### INDEX OF SHEETS

1 COVER SHEET

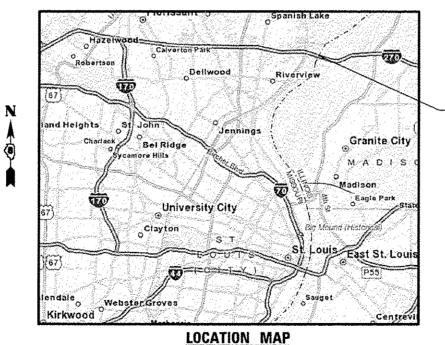
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- 2 HIGHWAY STDS/GENERAL NOTES/COMMITMENTS
- **3 SUMMARY OF QUANTITIES**
- **4 TYPICAL SECTIONS**
- 5 CHANGEABLE MESSAGE SIGNS LOCATION SKETCH
- 6-12 TRAFFIC CONTROL PLANS
- 13 STRUCTURE PLAN SHEET



PROJECT LOCATION STATION 780+00.25 21 SPAN STRUCTURE CONSISTING OF 2 CONCRETE DECKS SUPPORTED BY CONTINUOUS STEEL PLATE GIRDERS AND REINFORCED CONCRETE SHAFTS FOUNDED ON SPREAD FOOTING. CARRIES I-270 OVER MISSISSIPPI RIVER; S.N. 060-0035 5411' BK TO BK OF ABUTMENT LATITUDE - 38.76434078 LONGITUDE - -90.17220184

D-98-004-15

60B-10S-1

270

MADISON 13 1

ILLINOIS CONTRACT NO. 76H48

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

LOCATION OF SECTION INDICATED THUS: -

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GROSS LENGTH = 5411 FT. = 1.02 MILE

(NOT TO SCALE)

ADT 2013 = 52,350 (ESTIMATED)

MU = 14,15%

SU = 2.39%

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PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

PROJECT ENGINEER: HERVE GELIN (618)-346-3179 PROJECT MANAGER: BILLIE OWEN (618)-346-3209

**FUNCTIONAL CLASSIFICATION** 

INTERSTATE

NET LENGTH = 5411 FT. = 1.02 MILE

CONTRACT NO. 76H48

#### **HIGHWAY STANDARDS**

000001-06 001006 701400-08 701401-09 701411-09 701428 701901-04

#### COMMITMENTS NONE

#### **GENERAL NOTES**

- 1. PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE AND ROADWAY HAVE BEEN TAKEN FROM THE EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS.

  IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE THE 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 PRICE BID FOR THE WORK.
- 2. 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 KNOW TO HAVE FACILITIES WITH THE PROJECT ARE AS FOLLOWS:

  \*AT&T ILLINOIS \*ILLINOIS AMERICAN WATER COMPANY

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800)829-0123 OR 811 AND ARE INDICATED BY. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- 3. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTOR TO HIRE MINORITIES, WOMEN, AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORK FORCE 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 COURSE WORK (CARPENTRY, CONCRETE FLAT WORK, BLUEPRINT READING, SITE WORK, TOOL 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 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.
- 4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOURTEEN (14) DAYS PRIOR TO LANE CLOSURES. IN ADDITION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE LOCAL MODOT MAINTENANCE TEAM AT LEAST SEVEN (7) DAYS PRIOR TO BEGINNING AND SETTING UP TRAFFIC CONTROL DEVICES.

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	PLOT DATE * 12/3/2015	DATE -	REVISED -	DEPARTMENT OF TRANSPORTATION			FED_ ROAD OI	ST. NO.   ILLINOIS FED.	CONTRACT NO. 76H48

	ILLINOIS DEPARTMENT OF TRANSPORTATION			MADISON CO	
SUMN	MARY OF QUANTITIES		TOTAL QUANTITIES	90% FED 10% STATE BRIDGE	100 % MISSOURI
CODE NO	ITEM	QUARTITIES	SN 060-0035 0014	0014	
CODE NO	7 ) CIA	UNIT		URBAN	URBAN
67100100	MOBILIZATION	L SUM	1	0.5	0.6
70100420	TRAFFIC CONTOL AND PROTECTION, STANDARD 701411	EACH	2	pagement of the control of the contr	1
70100800	TRAFFIC CONTOL AND PROTECTION, STANDARD 701401	L SUM	1	0.5	0.5
1010000	THREE TO COUNTY AND FROM TO THE TOTAL TO THE	2 30%		0.5	0.3
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	3	1.5	1.5
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	í	0.5	0.5
X5870015	BRIDGE DECK CONCRETE SEALER	SQ FT	377540	189,770	188,710
X7010410	SPEED DISPLAY TRAILER	CAL MO	1	0.5	0.5
		AVE MIC		0.7	0.7
X3000001	RRPM PROTECTION	EACH	272	136	136
		**************************************			

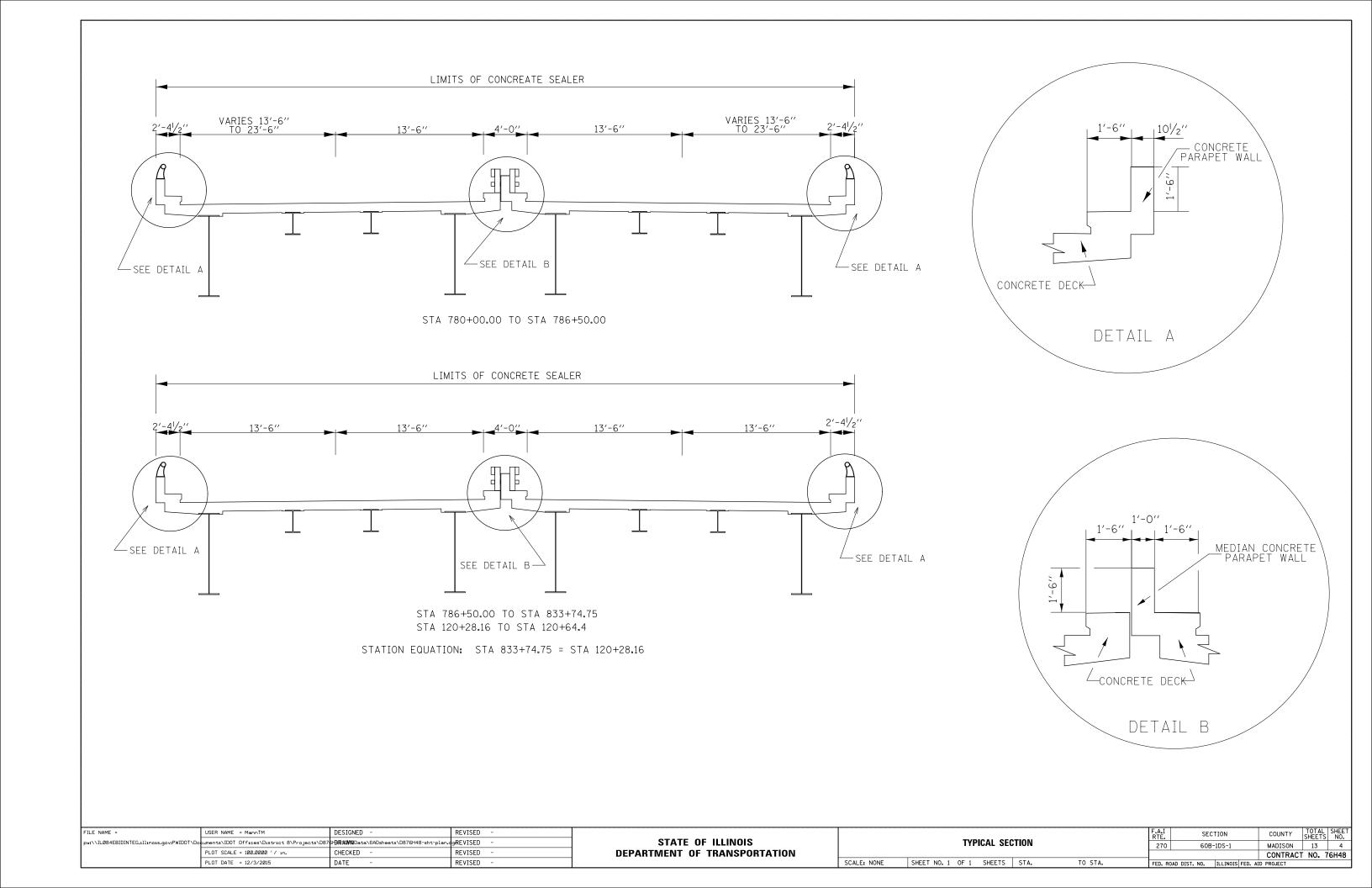
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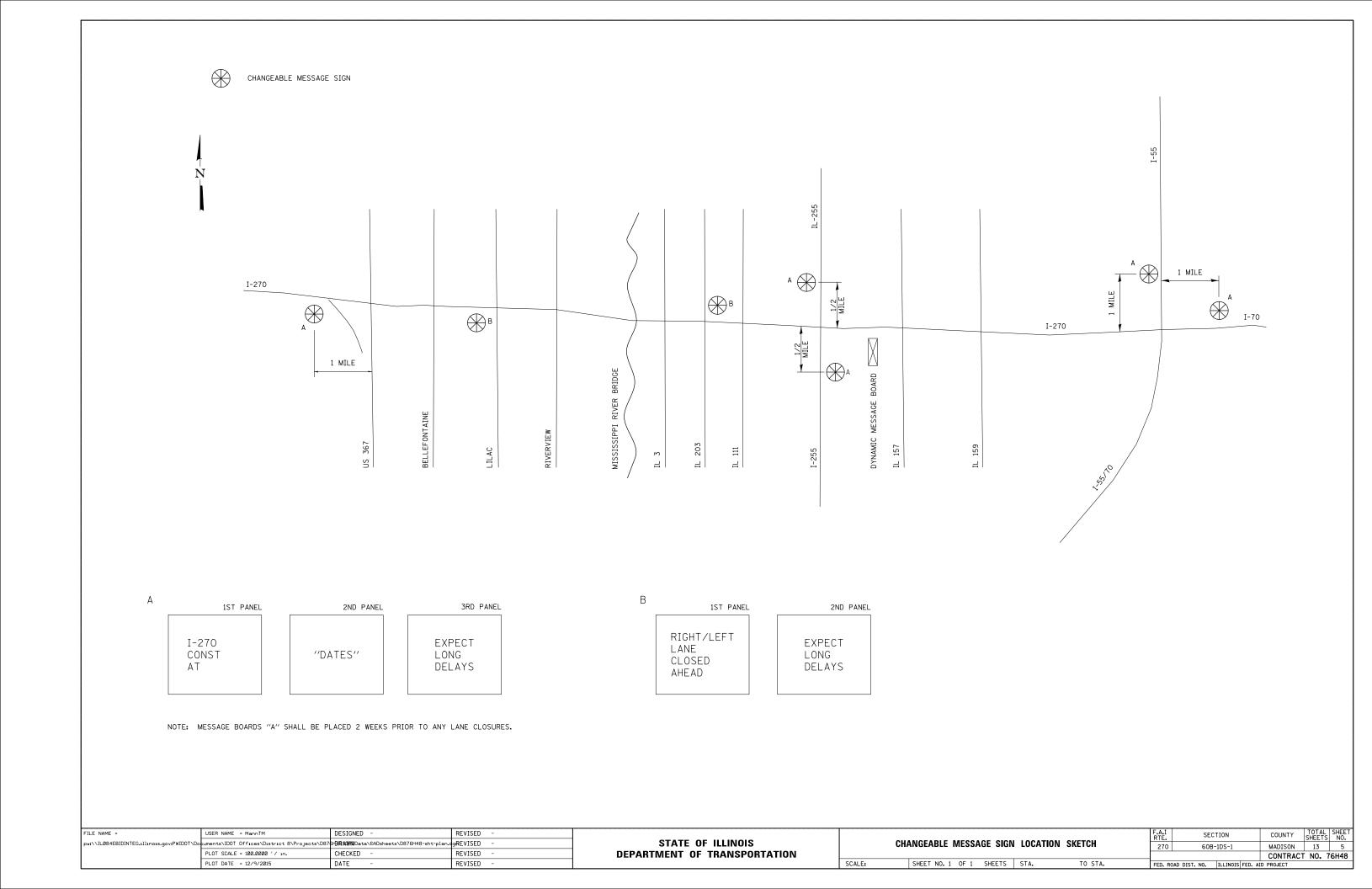
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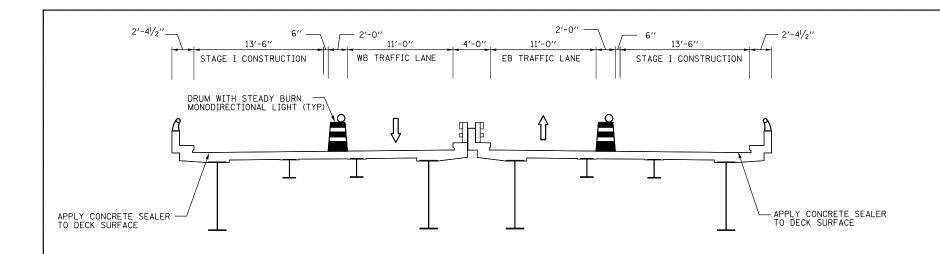
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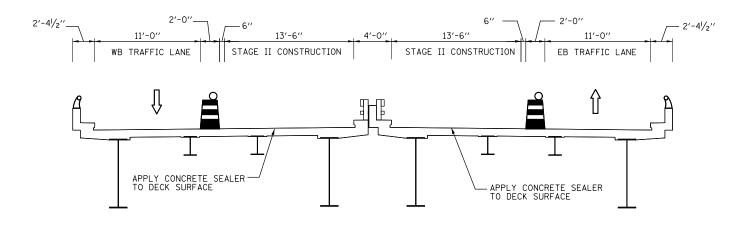
SUMMARY OF QUANTITIES				SECTION	COUNTY	TOTAL	SHEET NO.	
				60B-1DS-1	MADISON	13	3	
				CONTRAC		76H48		
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#### STAGE 1



#### STAGE 2

#### NOTES:

INDIVIDUAL LANE CLOSURE RESTRICTIONS ARE ALLOWED AS APPROVED BY THE ENGINEER.

FOR LANE CLOSURE RESTRICTIONS SEE CHART

LEGEND FOR FIRST LANE CLOSURE

## LANE CLOSURES SCHEDULE

LEGEND FOR SECOND LANE CLOSURE

## "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT AND ALL INTERSECTING SIDE ROADS AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLOURESCENT ORANGE, 48".

**GENERAL NOTES:** 

ADDITIONAL CHANGEABLE MESSAGE SIGNS SHALL BE PLACED OUTSIDE OF THE PROJECT LIMITS. SEE PLANS FOR PLACEMENT AND DURATION. THESE SIGNS WILL BE PAID FOR AS "CHANGEABLE MESSAGE SIGNS".

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
12A 3A 5A 9A 12P 3P 6P 9P :	2A 3A 5A 9A 12P 3P 6P 9P 1	2A 3A 5A 9A 12P 3P 6P 9P 12	A 3A 5A 9A 12P 3P 6P 9P 12	2A 3A 5A 9A 12P 3P 6P 9P 1:	2A 3A 5A 9A 12P 3P 6P 9P 12	2A 3A 5A 9A 12P 3P 6P 9P 12

# INITIAL TRAFFIC CONTROL SETUP 12 AM TO 2 AM PREPARATION OF DECK2 AM TO 6 AM PLACEMENT OF DECK SEALER 6 AM TO 8 AM CURING TIME FOR DECK SEALER 8 AM TO 8 PM TRAFFIC CONTROL REMOVAL AND SETUP WHAT TO 7 PM PREPARATION OF DECK10 PM TO 2 AM PLACEMENT OF DECK SEALER 2 AM TO 8 AM CURING TIME FOR DECK SEALER CURING TIME FOR DECK SEALER 4 AM TO 7 PM PREPARATION OF DECK10 PLACEMENT OF DECK SEALER 2 AM TO 4 AM PLACEMENT OF DECK SEALER 2 AM TO 4 AM

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