

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



\* 20 + 1 = 21 TOTAL SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	100B-1BJR-1	MADISON	20	1
		ILLINOIS	CONTRACT NO. 76K30	

D-98-052-17



LOCATION OF SECTION INDICATED THUS: -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

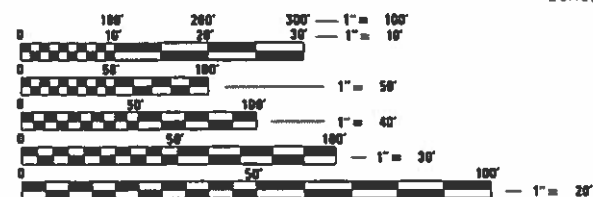
TRAFFIC DATA

2015 ADT = 26,800 (ACTUAL)  
2018 ADT = 27,600 (ESTIMATED)  
2038 ADT = 33,700 (ESTIMATED)  
SU = 2.0%  
MU = 2.1%

PROPOSED  
HIGHWAY PLANS

FAP ROUTE 304 (US 67)  
SECTION 100B-1BJR-1  
PROJECT NHPP-PREY(875)  
BRIDGE JOINT REPAIR  
MADISON COUNTY

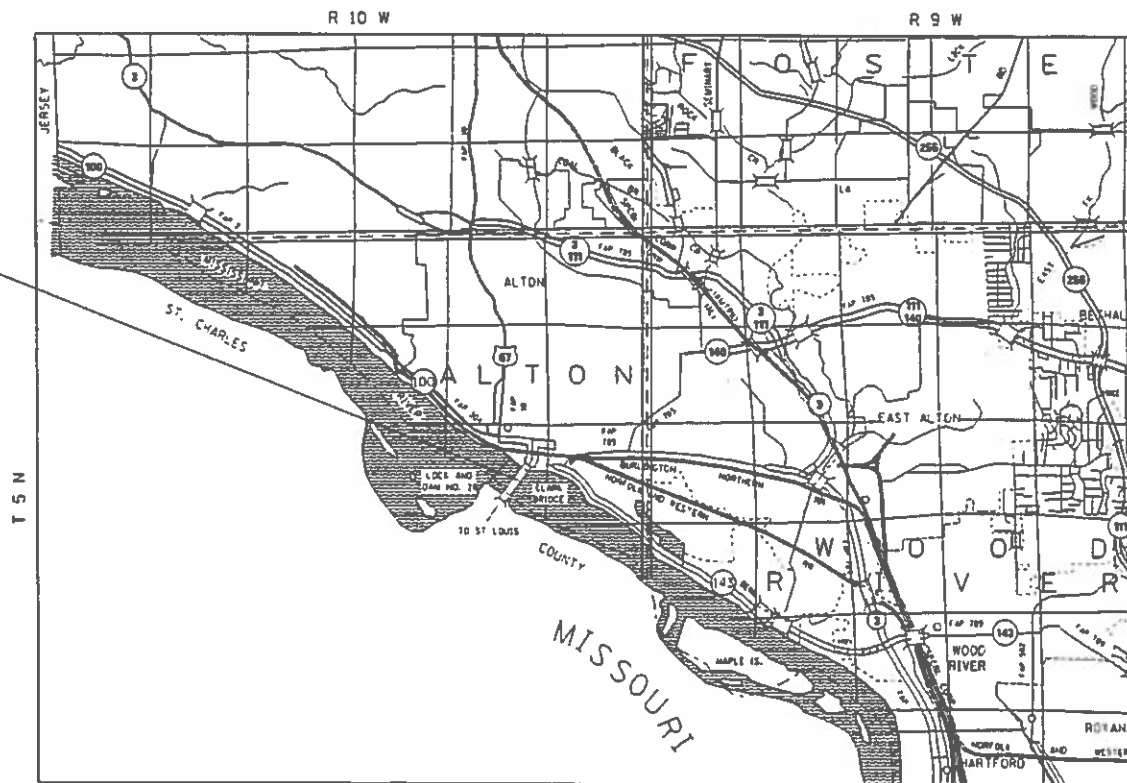
C-98-226-18



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

CLARK BRIDGE  
JOINT REPAIRS  
STA. 208+35.00  
LATITUDE: +38.88156  
LONGITUDE: -90.17861



NOT TO SCALE

GROSS LENGTH = 4,620.00 FT. = 0.875 MILE  
NET LENGTH = 4,620.00 FT. = 0.875 MILE

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

CONTRACT NO. 76K30

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Oct 12, 2018  
Jeffrey E. K... REGIONAL ENGINEER  
Dec 7, 2018  
David L. Ch... ENGINEER OF DESIGN AND ENVIRONMENT  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

REV. 1-9-2019

MODEL: Default  
FILE: \\MAILS-PW\MAILS\B&E\BID\NTEG\Illinois.gov-PWD\DOT\Documents\DDOT\_Offices\District 8\Projects\0876\30\CADD\data\CD\sheets\0876\30-sh-gennote.dgn

INDEX OF SHEETS

- 1 COVER
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS & PERTINENT INFORMATION
- 3-4 SUMMARY OF QUANTITIES
- 5-6 TYPICAL SECTIONS
- 7-10 PLAN VIEW
- 11 BIKE LANE CLOSURE SIGN PLAN
- 12 TRAFFIC CONTROL AND PROTECTION, (SPECIAL)
- 12A STAGE CONSTRUCTION DETAILS
- 13-19 STRUCTURE PLANS
- 20 EXISTING STRUCTURE PLANS



HIGHWAY STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT

643001-02 SAND MODULE IMPACT ATTENUATORS



- 701423-10 LANE CLOSURE, MULTILANE, WITH BARRIER FOR SPEEDS > 45MPH TO 55MPH
- 701901-08 TRAFFIC CONTROL DEVICES
- 704001-08 TEMPORARY CONCRETE BARRIER

GENERAL NOTES

1. 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:

- \* CITY OF ALTON (SANITARY SEWER)
- \* CITY OF ALTON (LIGHTING)
- \* AMEREN ILLINOIS (GAS & ELECTRIC)
- \* AT&T (COMMUNICATIONS)
- \* CHARTER COMMUNICATIONS, INC. (CABLE TV)
- \* ILLINOIS AMERICAN WATER COMPANY (WATER)

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.

2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT, THE STATIONING, TOPOGRAPHY AND QUANTITIES SHOWN IN THESE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS. ALL SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

3. A QUANTITY OF 912.5 FEET OF TEMPORARY PAVEMENT MARKING - LINE 6" WHITE HAS BEEN INCLUDED IN THE PLANS FOR PAINTING THE BOTTOM 6" OF TEMPORARY CONCRETE BARRIER.



4. IF THE CONTRACTOR, FOR HIS CONSTRUCTION ACTIVITY, REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT DESIGNATED ON THE PLANS FOR REMOVAL, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE; IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TREES WILL BE REPLACED WITH A 1 GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

COMMITMENTS

NONE

5. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. 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. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

6. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48"X48" FLUORESCENT ORANGE.

7. FOUR CHANGEABLE MESSAGE BOARDS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED TWO WEEKS PRIOR TO ANY LANE CLOSURE. THE CHANGEABLE MESSAGE BOARDS SHALL BE PLACED ACCORDING TO THE TRAFFIC CONTROL AND PROTECTION, (SPECIAL) SHEET SPECIFIED LOCATIONS AS DIRECTED BY THE ENGINEER.

8. 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.

9. EXISTING STRUCTURE PLANS ARE AVAILABLE FOR REVIEW IN THE DISTRICT OFFICE. CONTACT ROBERT HARBAUGH AT (618) 346-3195.

PERTINENT INFORMATION

1. SIGNAGE SHALL BE PLACED AT THE BICYCLE TRAIL ON BOTH SIDES OF THE BRIDGE THAT THE BICYCLE TRAIL/ACCOMMODATION IS CLOSED DURING CONSTRUCTION.

THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES AT LEAST (TWO) 2 WEEKS PRIOR TO PROCEEDING WITH THE 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) 453-1749, ATTN.: BETHERNY WILLIAMS
- \* METRO EAST PARK AND RECREATION DISTRICT, (618) 346-4905
- \* TRAILNET, (314) 455-6329
- \* RIDE ILLINOIS, (630) 978-0583
- \* GREAT RIVERS GREENWAY, (314) 436-7009

△ REV 1-9-2019

	USER NAME = harbaughrd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS & PERTINENT INFORMATION				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						304	100B-1BJR-1	MADISON	20	2
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 76K30								
	PLOT DATE = 10/17/2018	DATE -	REVISED -		ILLINOIS   FED. AID PROJECT								
				SCALE: NA	SHEET 1	OF 1	SHEETS	STA.	TO STA.				

MODEL \$MODELNAME\$  
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FEDERAL 20% STATE	100% MISSOURI
				BRIDGE	BRIDGE
				0047	0047
				060-0255	060-0255
50102400	CONCRETE REMOVAL	CU YD	21.7	10.85	10.85
50300255	CONCRETE SUPERSTRUCTURE	CU YD	21.7	10.85	10.85
50300300	PROTECTIVE COAT	SQ YD	38	19	19
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4880	2440	2440
50800515	BAR SPLICERS	EACH	28	14	14
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	2025	1012.5	1012.5
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	224	112	112
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	843.8	421.9	421.9
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	912.5	456.25	456.25
70400100	TEMPORARY CONCRETE BARRIER	FOOT	912.5	456.25	456.25
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	887.5	443.75	443.75
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	1	1
<del>70600270</del>	<del>IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3</del>	<del>EACH</del>	<del>2</del>	<del>1</del>	<del>1</del>
<del>70600330</del>	<del>IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3</del>	<del>EACH</del>	<del>2</del>	<del>1</del>	<del>1</del>
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	1	1



△ REV. 1-9-2019

REV. - MS

USER NAME = harbaughrd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 11/8/2018	DATE -	REVISED -

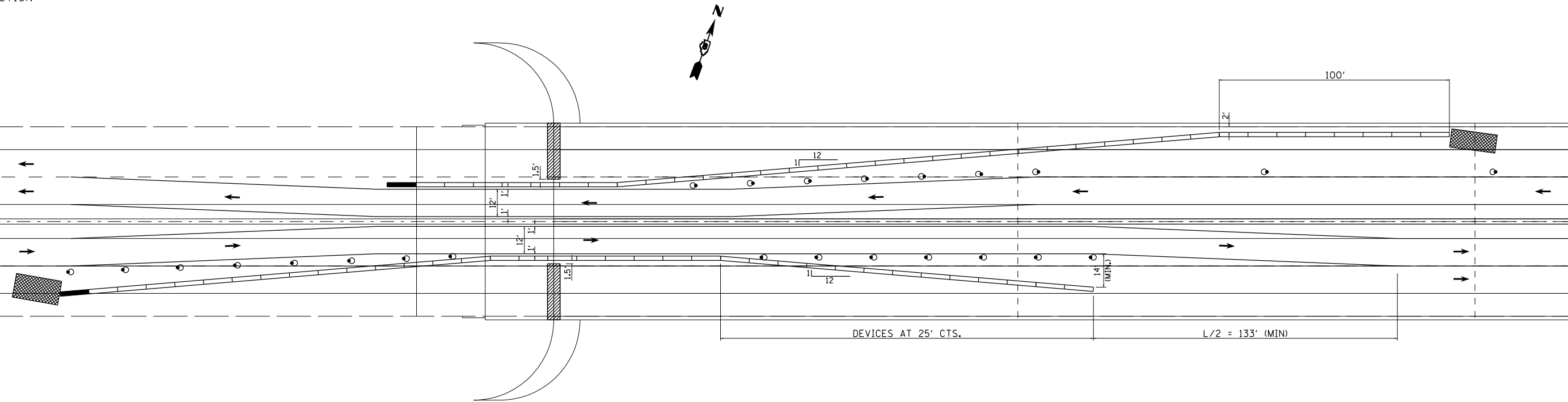
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	100B-1BJR-1	MADISON	20	3
CONTRACT NO. 76K30				
ILLINOIS FED. AID PROJECT				






## STAGE I CONSTRUCTION



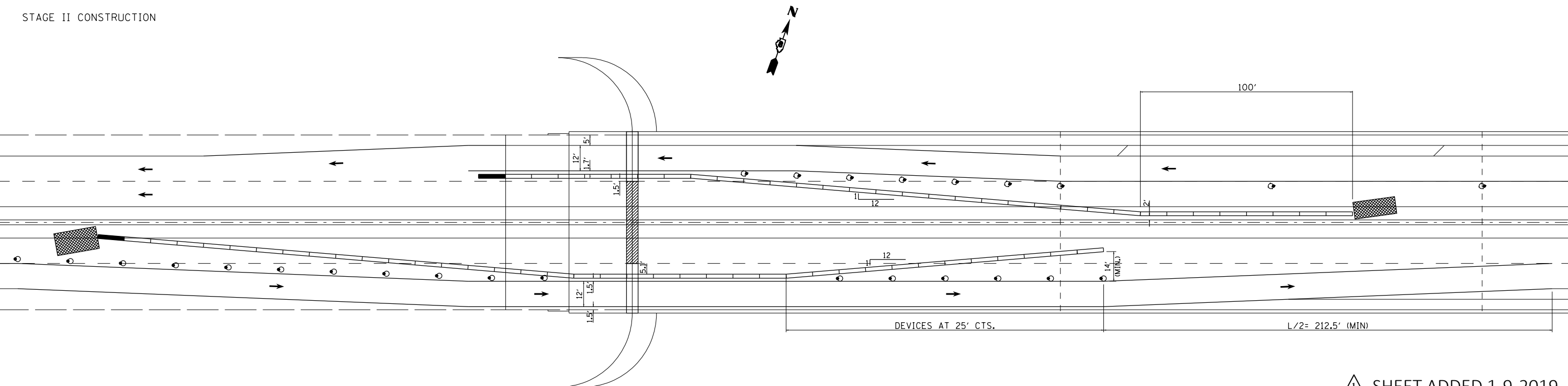
NOTES

- ① ADDITIONAL TEMPORARY CONCRETE BARRIER REQUIRED DUE TO NO ANCHORING ON BRIDGE DECK OR BRIDGE APPROACH PAVEMENT.
- ② SEE HIGHWAY STANDARD 701423 FOR DETAILS NOT SHOWN.
- ③ NOT TO SCALE.

### LEGENDS

- |   |   |
|---|---|
|  | WORK AREA   |
|  | IMPACT ATTENUATOR   |
|  | TRAFFIC CONTROL BARRIER WITH ANCHOR PINS  |
|  | TRAFFIC CONTROL BARRIER   |
|  | TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT |

## STAGE II CONSTRUCTION



△ SHEET ADDED 1-9-2019

USER NAME = harbaughrd	DESIGNED -	REVISED -  1/9/19 - NEW SHEET
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/9/2019	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

## STAGE CONSTRUCTION DETAILS

SCALE: NA	SHEET 1 OF 1 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	100B-1BJR-1	MADISON	20	12A
		CONTRACT NO. 76K30		
		ILLINOIS	FED. AID PROJECT	

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