

08-03-2018 LETTING ITEM 039

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED  
HIGHWAY PLANS**

FAI ROUTE 255 (I-255)  
SECTION 67-(1,2,3)PP-1, 82-(6,7,8)PP-1  
PATCHING  
ST, CLAIR, MONROE COUNTIES

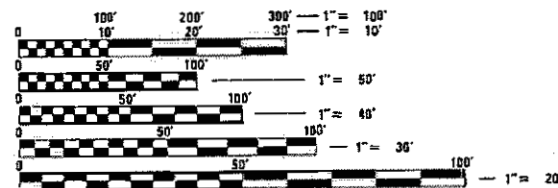
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
255	67-11.2,3)PP-1, 82-16,7)PP-1	VARIOUS	7	3
ILLINOIS			CONTRACT NO. 76L63	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA	
LOCATION	I-255
2018 ADT	42800 (ACTUAL)
2038 ADT	50200 (ESTIMATED)
MU%	14.4
SU%	2.4

TRAFFIC DATA	
LOCATION	IL 3
2018 ADT	10300 (ACTUAL)
2038 ADT	12100 (ESTIMATED)
MU%	6.4
SU%	15.7

TRAFFIC DATA	
LOCATION	IL 157
2018 ADT	9800 (ACTUAL)
2038 ADT	11500 (ESTIMATED)
MU%	5.2
SU%	8.0



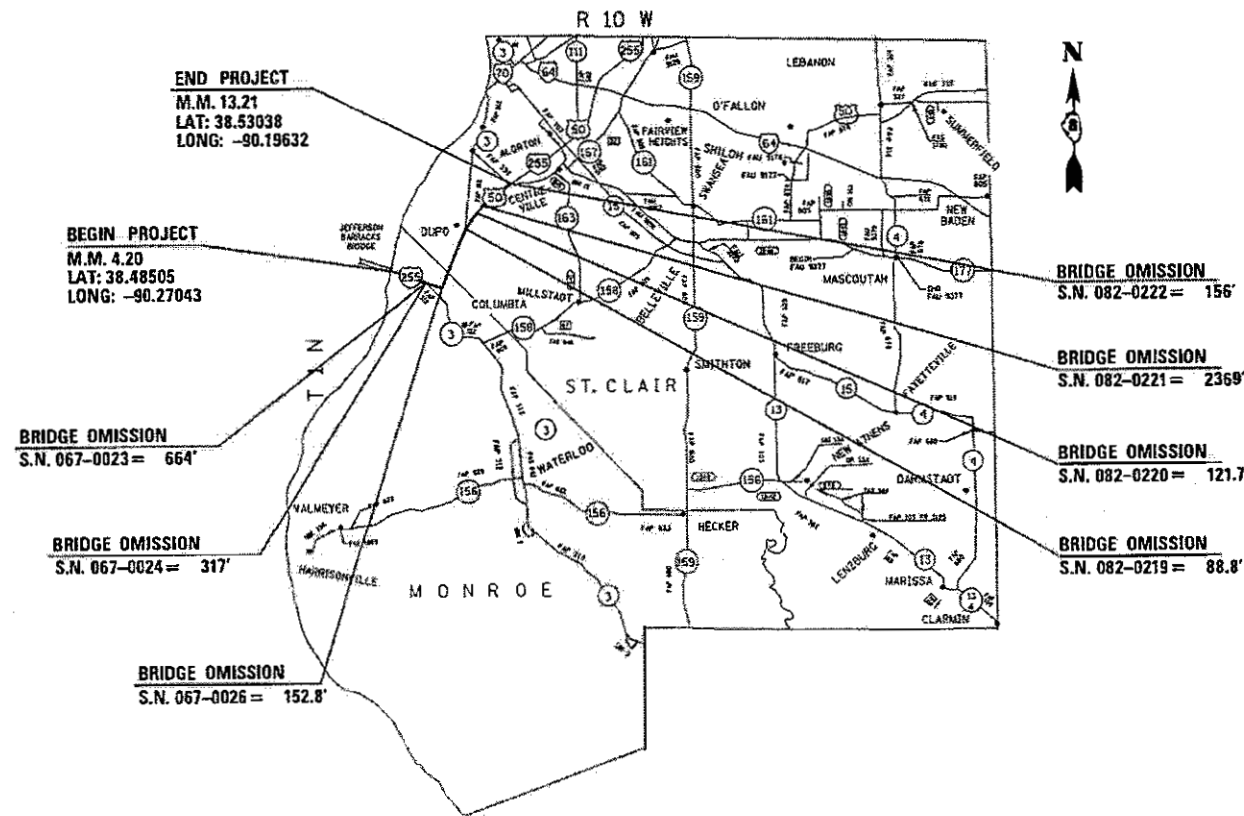
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-8123  
OR 811

PROJECT ENGINEER:TIM PADGETT (618) 346-3325  
PROJECT MANAGER:RAHSHUN MILLER (618) 346-3196

CONTRACT NO. 76L63

C-98-263-18



LOCATION MAP  
NOT TO SCALE

GROSS LENGTH = 47572.8 FT. = 9.01 MILE  
NET LENGTH = 43703.5 FT. = 8.28 MILE

TOWNSHIP: ST. CLAIR, MONROE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED *May 4 2018*  
*John Z. Kammer*  
REGIONAL ENGINEER

*June 29 2018*  
*Scott E. Etkin*  
ENGINEER OF DESIGN AND ENVIRONMENT

*June 29 2018*  
*Paul P. Chif*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

1. COVER SHEET
2. INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS
3. SUMMARY QUANTITIES
- 4.-5. TYPICAL SECTIONS
6. PEAK HOUR SCHEDULE
7. CHANGEABLE MESSAGE SIGN DETAIL

**STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
001001-02	AREAS OF REINFORCEMENT BARS
420001-09	PAVEMENT JOINTS
442001-04	CLASS A PATCHES
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-11	LANE CLOSURE FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701446-09	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701901-07	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

**MIXTURE REQUIREMENTS**

ROUTE	FAI 255 (I-255)
SECTION	67-(1,2,3)PP-1, 82-(6,7)PP-1
COUNTY	ST. CLAIR, MONROE
CONTRACT	76L63

DESCRIPTION	PATCHING - I-255 FROM MISSISSIPPI RIVER (JB BRIDGE) TO 0.5 MI NORTH OF IL 157.
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ADT (CONSTRUCTION YR):	42,800
MU%	14.4
SU%	2.4
20 YR. ESAL'S:	36.66

**GENERAL NOTES**

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (1-800-892-0123 OR 811) OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:  
  
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 THE 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. 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.
4. 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.
5. PRIOR TO PATCHING, A PATCHING SURVEY SHALL BE PERFORMED TO DETERMINE PRIORITY PATCHING LOCATIONS. THE PATCHING SURVEY SHALL BE COORDINATED WITH THE BUREAU OF OPERATIONS FIELD ENGINEER TIM PRICE.
6. FOUR ADDITIONAL CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED 2 WEEKS PRIOR TO ANY LANE CLOSURES AND SHALL REMAIN UP FOR THE DURATION OF THE PROJECT. SEE THE CHANGEABLE MESSAGE SIGN DETAIL IN THE PLANS FOR APPROXIMATE LOCATIONS. EXACT LOCATIONS SHALL BE AT THE DIRECTION OF THE ENGINEER.
7. "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" X 48" FLUORESCENT ORANGE.

**COMMITMENTS**

NONE

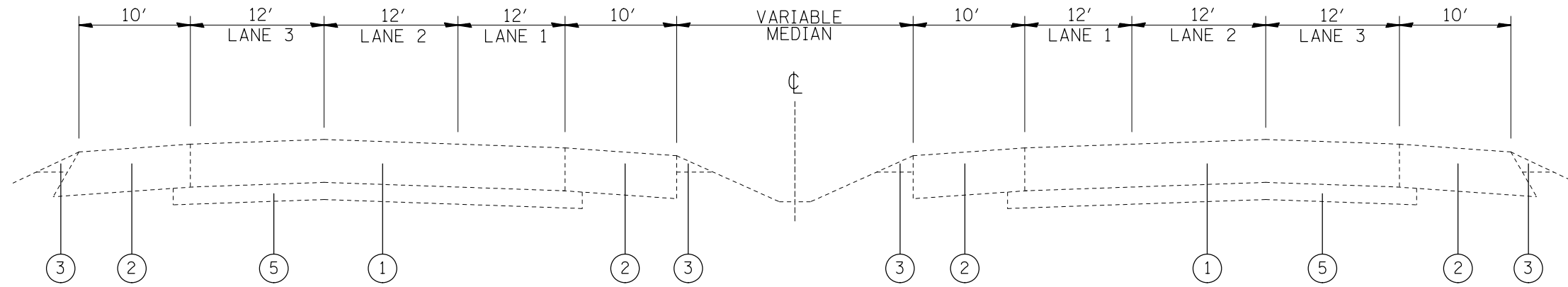
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pw\IL084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 8\Projects\0876L63\Drawings\0876L63-sht-cover	REVISION	CHECKED -	REVISED -			255	67-(1,2,3)PP-1, 82-(6,7)PP-1	VARIOUS	7	2	
Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -			CONTRACT NO. 76L63					
	PLOT DATE = 4/19/2018	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				MONROE ROADWAY	ST. CLAIR ROADWAY
				0006	0006
				URBAN	URBAN
44200549	CLASS A PATCHES, TYPE I, 10 INCH	SQ YD	300	120	180
44200553	CLASS A PATCHES, TYPE II, 10 INCH	SQ YD	810	324	486
44200557	CLASS A PATCHES, TYPE III, 10 INCH	SQ YD	300	120	180
44200559	CLASS A PATCHES, TYPE IV, 10 INCH	SQ YD	246	98.4	147.6
44213000	PATCHING REINFORCEMENT	SQ YD	1656	662.4	993.6
44213200	SAW CUTS	FOOT	12000	4800	7200
44213204	TIE BARS 3/4"	EACH	100	40	60
67100100	MOBILIZATION	L SUM	1	0.4	0.6
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	5	2	3
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.4	0.6
70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	L SUM	1	0.4	0.6
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.4	0.6
70300100	SHORT TERM PAVEMENT MARKING	FOOT	100	40	60
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	50	20	30

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				MONROE ROADWAY	ST. CLAIR ROADWAY
				0006	0006
				URBAN	URBAN
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3000	1200	1800
*78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	3000	1200	1800
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	60	24	36
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	420	168	252
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	1500	600	900

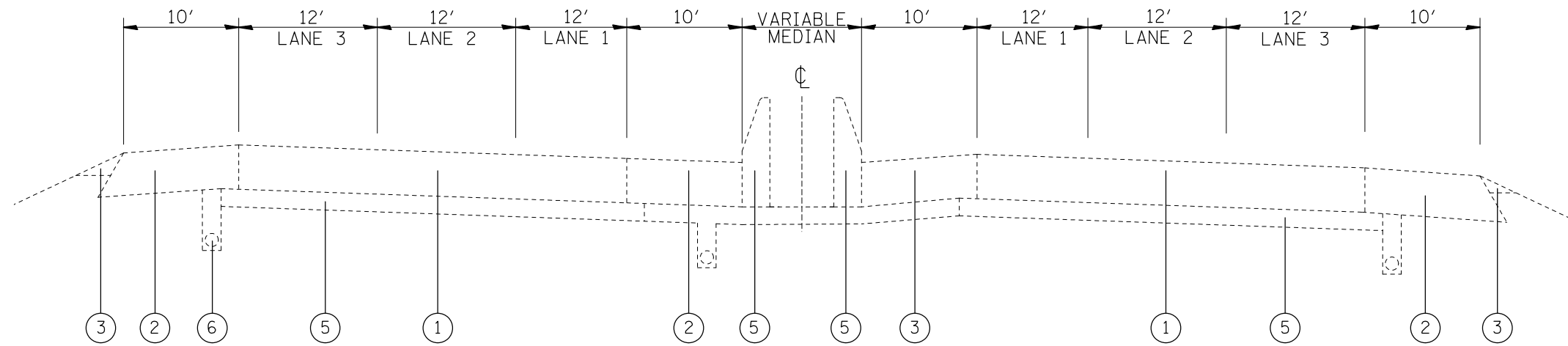
\* SPECIALTY ITEM  
Ø 0042

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	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 16163		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 5/21/2019	DATE -	REVISED -										



**FAI 255**

M.M. 4.20 TO M.M. 10.60



**SUPERELEVATED FAI 255**

M.M. 10.60 TO M.M. 11.01

**LEGEND**

- ① EXISTING P.C.C. PAVEMENT 10"
- ② EXISTING BITUMINOUS SHOULDERS 9"
- ③ EXISTING AGGREGATE SHOULDERS, TYPE B
- ④ EXISTING CONCRETE BARRIER
- ⑤ EXISTING STABILIZED SUB-BASE, 4"
- ⑥ EXISTING PIPE UNDERDRAIN 4" (STD 2327)

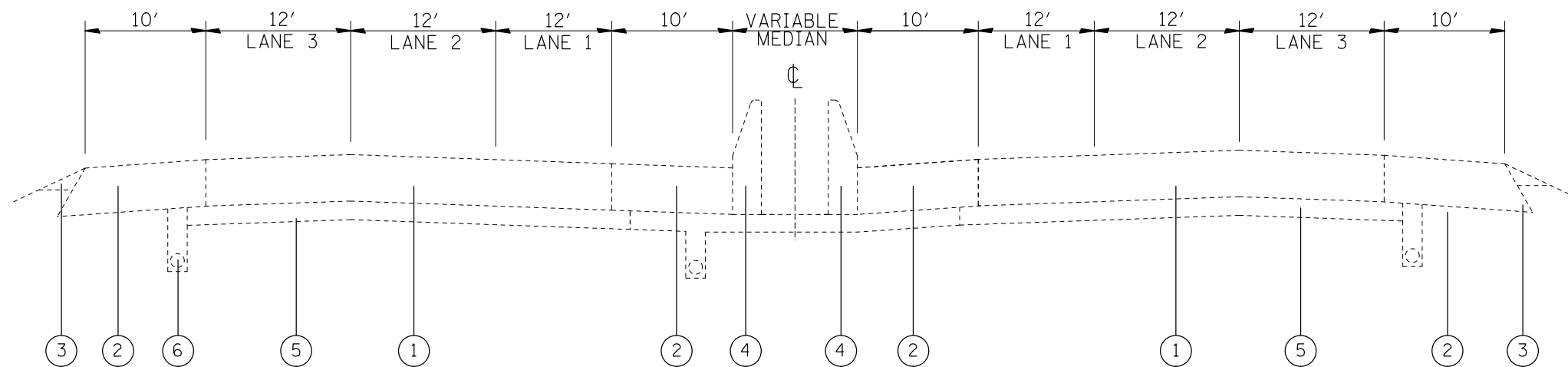
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
	PLOT DATE = 4/19/2018		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
255	67-(1,2,3)PP-1, 82-(6,7)PP-1	VARIOUS	7	4
CONTRACT NO. 76L63				
ILLINOIS FED. AID PROJECT				



**FAI 255**  
M.M. 11.01 TO M.M. 13.21

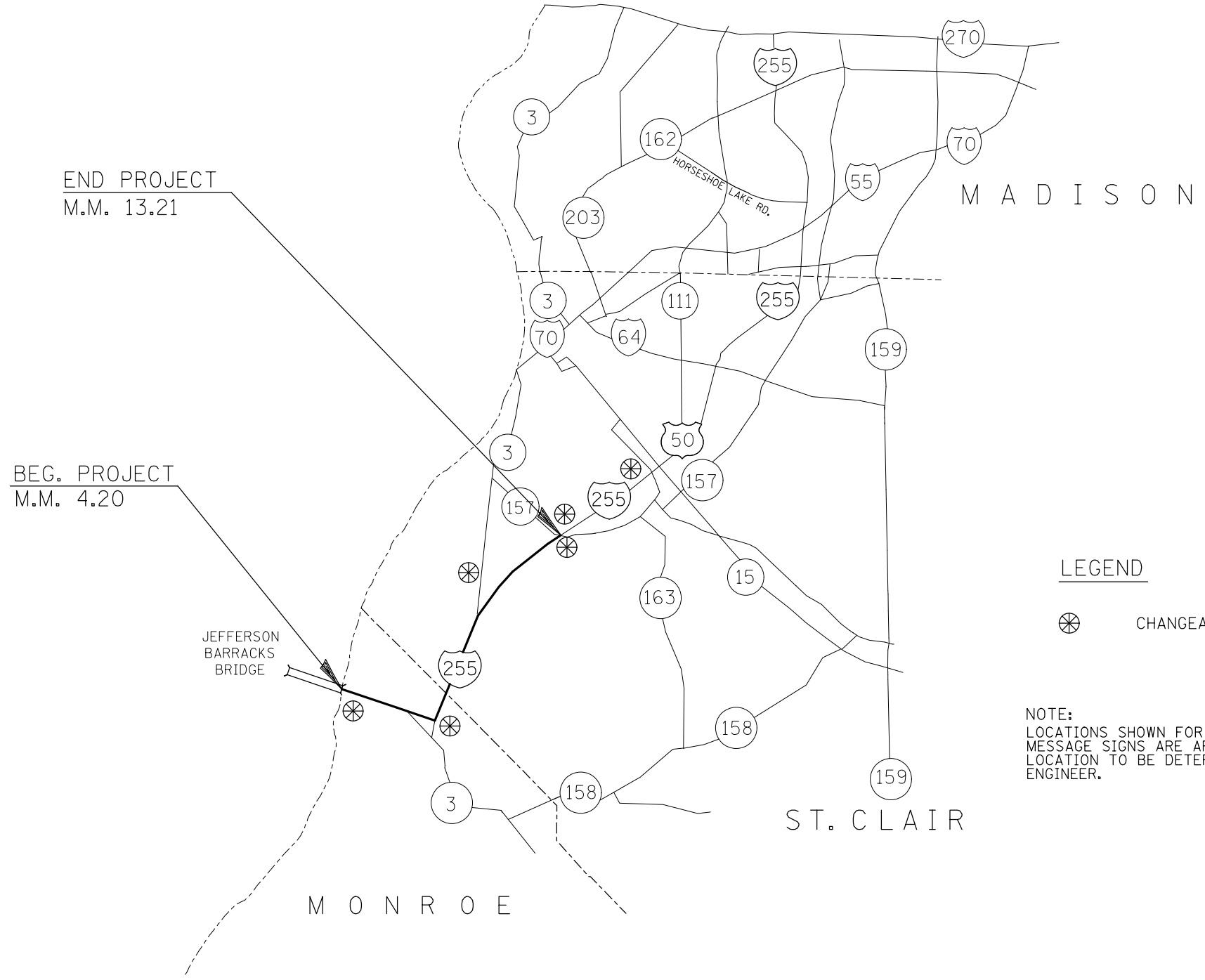
**LEGEND**

- ① EXISTING P.C.C. PAVEMENT 10"
- ② EXISTING BITUMINOUS SHOULDERS 9"
- ③ EXISTING AGGREGATE SHOULDERS, TYPE B
- ④ EXISTING CONCRETE BARRIER
- ⑤ EXISTING STABILIZED SUB-BASE, 4"
- ⑥ EXISTING PIPE UNDERDRAIN 4" (STD 2327)

FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 76L63				
	PLOT DATE = 4/19/2018								ILLINOIS FED. AID PROJECT				

**PEAK HOURS LANE OPENINGS**

		12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM	12:00 AM	DAYS	
<b>*ONE LANE OPEN **TWO LANES OPEN</b>																												
<b>255-JB BRIDGE TO IL 3 (COLUMBIA)</b>																												
	<b>WB</b>	*ONE LANE OPEN					**	ALL LANES OPEN										**	*ONE LANE OPEN					SAT - THURS				
		*ONE LANE OPEN					**	ALL LANES OPEN										**	*ONE LANE OPEN					FRIDAY				
	<b>EB</b>	*ONE LANE OPEN						ALL LANES OPEN										**	*ONE LANE OPEN					SAT - THURS				
		*ONE LANE OPEN						ALL LANE OPEN											*ONE LANE OPEN					FRIDAY				
<b>255-IL 3(COLUMBIA) TO IL 3 (CAHOKIA)</b>																												
	<b>SB</b>	*ONE LANE OPEN						**TWO LANES OPEN						ALL LANES OPEN					**	*ONE LANE OPEN					SAT - THURS			
		*ONE LANE OPEN						**TWO LANES OPEN						ALL LANE OPEN					**	*ONE LANE OPEN					FRIDAY			
	<b>NB</b>	*ONE LANE OPEN						ALL LANES OPEN										**	*ONE LANE OPEN					SAT - THURS				
		*ONE LANE OPEN						ALL LANE OPEN											*ONE LANE OPEN					FRIDAY				
<b>255-IL 3 (CAHOKIA) TO IL 157</b>																												
	<b>SB</b>	*ONE LANE OPEN						**TWO LANES OPEN						ALL LANES OPEN					**	*ONE LANE OPEN					SAT - THURS			
		*ONE LANE OPEN						**TWO LANES OPEN						ALL LANES OPEN					**	*ONE LANE OPEN					FRIDAY			
	<b>NB</b>	*ONE LANE OPEN						**TWO LANES OPEN						**TWO LANES OPEN					**	*ONE LANE OPEN					SAT - THURS			
		*ONE LANE OPEN						**TWO LANES OPEN						ALL LANES OPEN					**	*ONE LANE OPEN					FRIDAY			



**LEGEND**

⊗ CHANGEABLE MESSAGE SIGNS

NOTE:  
LOCATIONS SHOWN FOR THE CHANGEABLE MESSAGE SIGNS ARE APPROXIMATE. THE EXACT LOCATION TO BE DETERMINED BY THE RESIDENT ENGINEER.

FILE NAME =	USER NAME = millerraj	DESIGNED -	REVISED -
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Default	PLOT DATE = 4/19/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

CHANGEABLE MESSAGE SIGN DETAIL			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
255	67-(1,2,3)PP-1, 82-(6,7)PP-1	VARIOUS	7	7
CONTRACT NO. 76L63				
ILLINOIS FED. AID PROJECT				