

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
255	(60-7)-1PP	MADISON	6	1
		ILLINOIS	CONTRACT NO. 76R68	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

	RAMP 2	RAMP (ROADWAY "A")	RAMP 3
ADT (CONSTRUCTION YR - 2023):	9200	5900	5700
MU%	23.3	16.4	8.5
SU%	5.6	2.6	3.6

PROPOSED HIGHWAY PLANS

FAI 255 (I-255I-055/070)
SECTION (60-7)-1PP
PAVEMENT PATCHING - CM
MADISON COUNTY

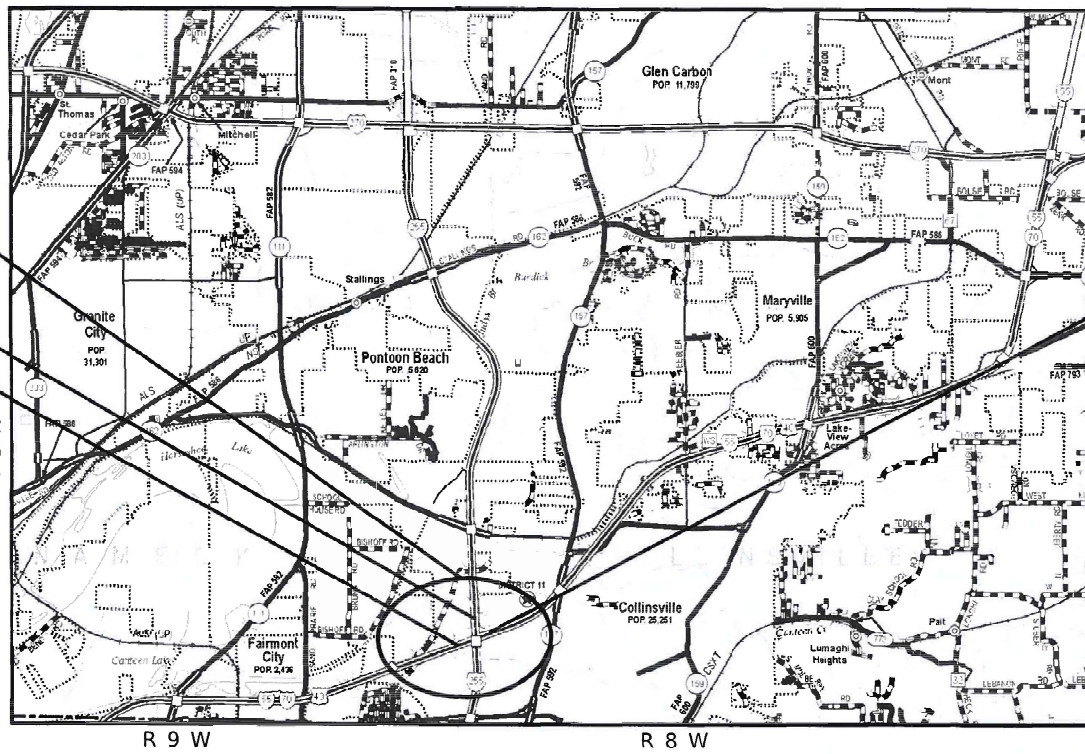
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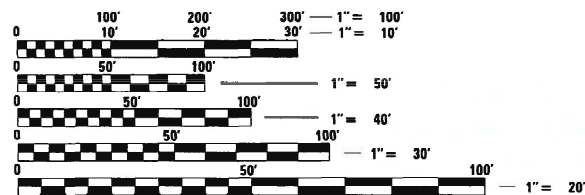
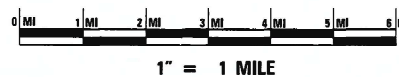
PROJECT LOCATION - RAMPS AT I-255 & I-55/70
LAT: 38.672940
LONG: -90.029451

RAMP (ROADWAY "A")
RAMP 3

RAMP 2



LOCATION MAP



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: BILLIE OWEN

CONTRACT NO. 76R68

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 21, 2022
Mark B. Brown, P.E.
REGIONAL ENGINEER

December 9, 2022
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

December 9, 2022
Stephen M. Smith
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 & COMMITMENTS
- 3 SUMMARY OF QUANTITIES
- 4 LOCATION MAP
- 5 TYPICAL SECTIONS
- 6 SCHEDULE OF QUANTITIES

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 442101-09 CLASS B PATCHES
- 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24"(600mm) FROM PAVEMENT EDGE
- 701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
- 701400-11 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-13 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45MPH
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45MPH
- 701428-01 TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
- 701451-05 RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701456-05 PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701901-08 TRAFFIC CONTROL DEVICES
- 420001-10 PAVEMENT JOINTS
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT

GENERAL NOTES

- 1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
AMEREN ILLINOIS (GAS & ELECTRIC)	X	X
AT & T (COMMUNICATIONS)	X	X
CHARTER COMMUNICATIONS, INC. (CABLE TV)	X	X
DEPARTMENT OF CENTRAL MANAGEMENT SERVICES (COMMUNICATIONS)	X	X
CITY OF COLLINSVILLE (WATER & SANITARY SEWER)		X

- 2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING, TOPOGRAPHY AND QUANTITIES SHOWN ON 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. HIGH EARLY STRENGTH CONCRETE FOR PAVEMENT PATCHING WILL BE ALLOWED.

COMMITMENTS

NONE

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REV. - MS

USER NAME = Default PLOT SCALE = 2.0000' / in. PLOT DATE = 10/20/2022	DESIGNED - _____ DRAWN - _____ CHECKED - _____ DATE - _____	REVISED - _____ REVISED - _____ REVISED + _____ REVISED + _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS GENERAL NOTES & COMMITMENTS	SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____	F.A.I. SECTION COUNTY TOTAL SHEETS SHEET NO. 255 (60-7)-1PP MADISON 6 2	CONTRACT NO. 76R68 ILLINOIS FED. AID PROJECT
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				ROADWAY
				0006
				URBAN
44200050	WELDED WIRE REINFORCEMENT	SQ YD	585	585
44201019	CLASS B PATCHES, TYPE II, 14 INCH	SQ YD	43	43
44201023	CLASS B PATCHES, TYPE III, 14 INCH	SQ YD	36	36
44201025	CLASS B PATCHES, TYPE IV, 14 INCH	SQ YD	239	239
44201053	CLASS B PATCHES, TYPE IV, 17 INCH	SQ YD	201	201
44201054	CLASS B PATCHES, TYPE I, 17 INCH	SQ YD	6	6
44201055	CLASS B PATCHES, TYPE II, 17 INCH	SQ YD	146	146
44201057	CLASS B PATCHES, TYPE III, 17 INCH	SQ YD	109	109
44201299	DOWEL BARS 1 1/2"	EACH	1085	1085
44213200	SAW CUTS	FOOT	2601	2601
44213204	TIE BARS 3/4"	EACH	187	187
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	3	3
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				ROADWAY
				0006
				URBAN
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	30	30
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1

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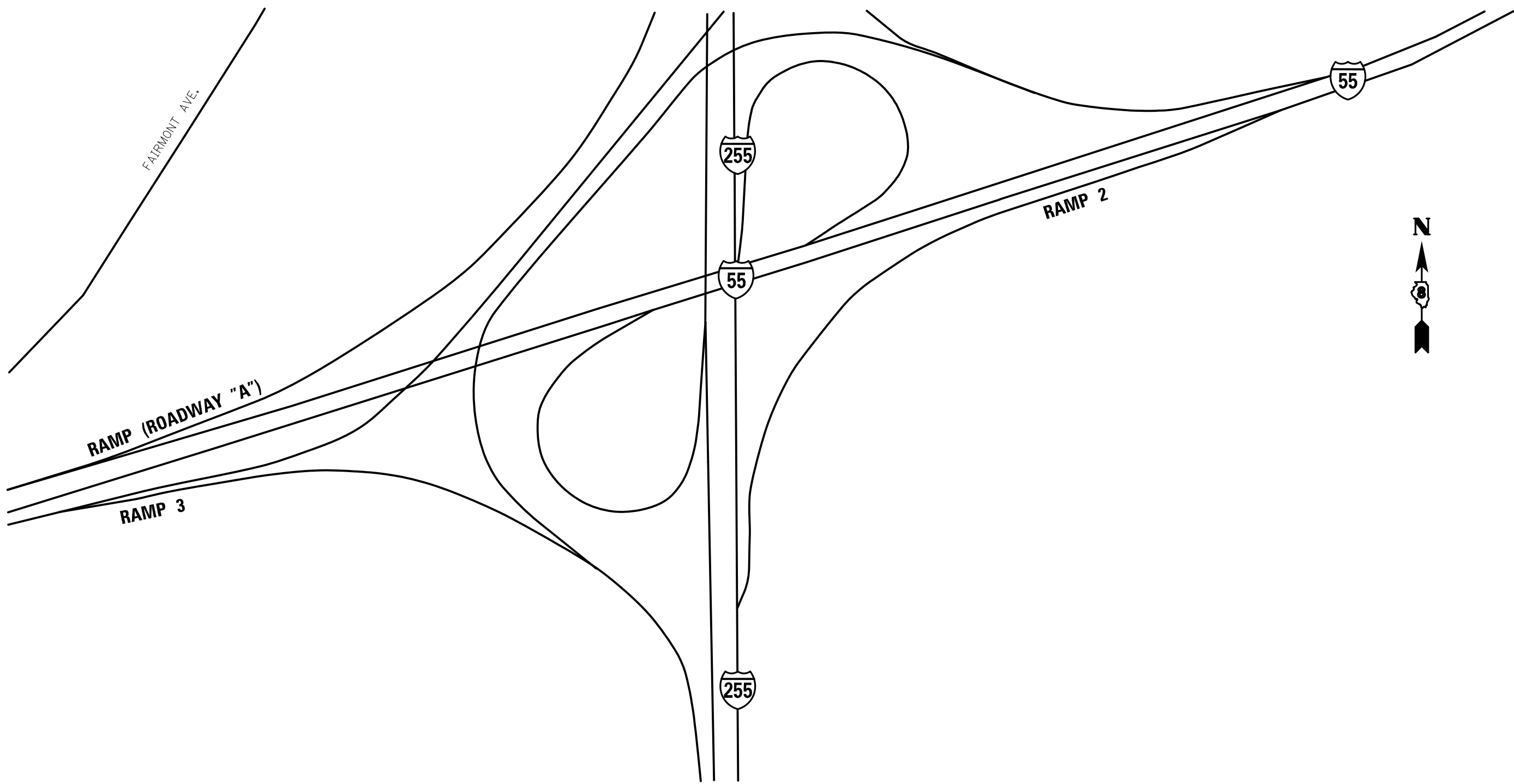
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PLOT DATE = 10/21/2022	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
255	(60-7)-1PP	MADISON	6	3
CONTRACT NO. 76R68			ILLINOIS FED. AID PROJECT	



LOCATION MAP

NOT TO SCALE

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PLOT DATE = 10/20/2022	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP			
SCALE: _____	SHEET 1	OF 1 SHEETS	STA. _____ TO STA. _____

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
255	(60-7)-1PP	MADISON	6	4
CONTRACT NO. 76R68				
ILLINOIS FED. AID PROJECT				

CLASS B PATCHING SCHEDULE - 17"

LANE/RAMP	LOCATION	DIMENSIONS		TYPE I	TYPE II	TYPE III	TYPE IV	SAWCUTS	TIE BARS 3/4"	WELDED WIRE REINFORCEMENT	DOWEL BARS 1 1/2"
		LENGTH	WIDTH								
		FOOT	FOOT								
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	15	16				27	78		27	28
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	9	16			16		66		16	28
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	9	16			16		66		16	28
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	6	16		11			60			28
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	6	16		11			60			28
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	55	16				98	158	38	98	70
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	6	16		11			60			28
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	6	16		11			60			28
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	10	16			18		68		18	28
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	6	16		11			60			28
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	6	16		11			60			28
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	60	8				54	144	40	54	35
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	6	13		9			51			28
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	6	10		7			42			28
RAMP 2	EXIT RAMP I-255 NB ON I-55/70 EB	6	7	5				33			14
RAMP 3	ENTRANCE RAMP I-55/70 EB ON I-255 SB	7	12		10			50			20
RAMP 3	ENTRANCE RAMP I-55/70 EB ON I-255 SB	6	12		8			48			20
RAMP 3	ENTRANCE RAMP I-55/70 EB ON I-255 SB	7	12		10			50			20
RAMP 3	ENTRANCE RAMP I-55/70 EB ON I-255 SB	7	12		10			50			20
RAMP 3	ENTRANCE RAMP I-55/70 EB ON I-255 SB	35	6			24		88	24	24	25
RAMP 3	ENTRANCE RAMP I-55/70 EB ON I-255 SB	7	12		10			50		0	20
RAMP 3	ENTRANCE RAMP I-55/70 EB ON I-255 SB	17	12			23		70		23	30
SUBTOTAL:				5	130	97	179	1472	102	276	610
12%				1	16	12	22	177	13	34	74
TOTAL:				6	146	109	201	1649	115	310	684

CLASS B PATCHING SCHEDULE - 14"

LANE/RAMP	LOCATION	DIMENSIONS		TYPE II	TYPE III	TYPE IV	SAWCUTS	TIE BARS 3/4"	WELDED WIRE REINFORCEMENT	DOWEL BARS 1 1/2"
		LENGTH	WIDTH							
		FOOT	FOOT							
LANE 1/ RAMP (ROADWAY "A")	I-255 SB TO I-55/70 WB	20	12			27	76		27	30
LANE 2/ RAMP (ROADWAY "A")	I-255 SB TO I-55/70 WB	95	12			127	226	64	127	70
LANES 1 & 2/ RAMP (ROADWAY "A")	I-255 SB TO I-55/70 WB	6	24		16		84		16	40
LANE 1/ RAMP (ROADWAY "A")	I-255 SB TO I-55/70 WB	20	12			27	76		27	30
LANES 1 & 2/ RAMP (ROADWAY "A")	I-255 SB TO I-55/70 WB	12	24			32	96		32	60
LANE 1/ RAMP (ROADWAY "A")	I-255 SB TO I-55/70 WB	8	12	11			52			20
LANES 1 & 2/ RAMP (ROADWAY "A")	I-255 SB TO I-55/70 WB	6	24		16		84		16	40
LANE 2/ RAMP (ROADWAY "A")	I-255 SB TO I-55/70 WB	6	12	8			48			20
LANE 2/ RAMP (ROADWAY "A")	I-255 SB TO I-55/70 WB	6	16	11			60			28
LANE 2/ RAMP (ROADWAY "A")	I-255 SB TO I-55/70 WB	6	12	8			48			20
SUBTOTAL:				38	32	213	850	64	245	358
12%				5	4	26	102	8	30	43
TOTAL:				43	36	239	952	72	275	401

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	DRAWN - _____	REVISED - _____
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PLOT DATE = 10/27/2022	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
255	(60-7)-1PP	MADISON	6	6
CONTRACT NO. 76R68			ILLINOIS FED. AID PROJECT	