11-06-2026 LETTING ITEM 123

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	(12,17)CR-1	MARION	8	1
	ILLINOIS	CONTRACT NO. 76V77		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAS ROUTE 2719 (KINOKA RD/BOAT DOCK RD)
SECTION (12,17)CR-1
CULVERT REPLACEMENTS
MARION COUNTY

C-98-204-26

FOR INDEX OF SHEETS, SEE SHEET NO. 2

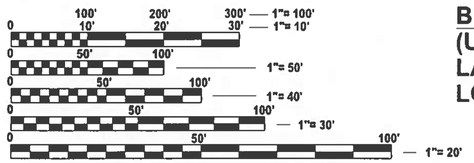
TRAFFIC DATA: KINOKA RD.

US 51 TO 7 HILLS RD.	
2026 ADT	925 (ACTUAL)
2046 ADT	1100 (ESTIMATED)
MU%	12.2
SU%	8.9

7 HILLS RD. TO JONES RD.	
2026 ADT	725 (ACTUAL)
2046 ADT	1000 (ESTIMATED)
MU%	11.6
SU%	9.0

JONES RD. TO GARRETT RD.	
2026 ADT	875 (ACTUAL)
2046 ADT	1100 (ESTIMATED)
MU%	11.8
SU%	11.8

FUNCTIONAL CLASSIFACATION: MAJOR COLLECTOR



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



NOT TO SCALE

BEGIN PROJECT:
(US 51) STA. 18+09
LAT: 38.765040
LONG: -89.086649

END PROJECT:
(0.2 MI EAST OF GARRETT RD.)
STA. 407+08
LAT: 38.765463
LONG: -88.950221

GROSS LENGTH = 39,019.2 FT. = 7.39 MILE
NET LENGTH = 39,019.2 FT. = 7.39 MILE

D-98-114-26



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 8/21 20 26

REGIONAL ENGINEER

October 2 20 26

ENGINEER OF DESIGN AND ENVIRONMENT

October 2 20 26

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROJECT ENGINEER: NATHAN COX
PROJECT MANAGER: RAHSHUN MILLER

CONTRACT NO. 76V77

INDEX OF SHEETS

1. COVER
2. INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES & COMMITMENTS
3-4. SUMMARY OF QUANTITIES
5. TYPICAL SECTIONS
6-7. SCHEDULE OF QUANTITIES
8. LOCATION MAP

HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-04	CLASS C&D PATCHES
701001-02	OFF ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, 45 MPH OR MORE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATION, DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK ARES IN SERIES 45 MPH OR MORE
701901-11	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:

COMPANY	UTILITY	ABOVE GROUND	BELOW GROUND
AMEREN ILLINOIS	(GAS & ELECTRIC)	X	X
AT&T ILLINOIS	(COMMUNICATIONS)	X	X
CLEARWAVE FIBER LLC	(COMMUNICATIONS)	X	X
COUNTRYMARK COOPERATIVE, LLP	(PIPELINE)		X
ENBRIDGE ENERGY COMPANY, INC	(PIPELINE)		X
ENERGY TRANSFER CRUDE OIL COMPANY, LLC	(PIPELINE)		X
FMC WATER COMPANY	(WATER)		X
FRONTIER COMMUNICATIONS	(COMMUNICATIONS)	X	X
KINDER MORGAN	(PIPELINE)		X
LEVEL 3 COMMUNICATIONS, LLC	(COMMUNICATIONS)	X	X
MARATHON PIPE LINE LLC	(PIPELINE)		X
VERIZON BUSINESS	(COMMUNICATIONS)	X	X
VILLAGE OF PATOKA	(WATER & SANITARY SEWER)		X
SUNOCO LOGISTICS	(PIPELINE)		X
TRI-COUNTY ELECTRIC COOPERATIVE, INC	(ELECTRIC)	X	X

2. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.

3. THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING MARKING.

4. ALL TURF AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPIATE EROSION CONTROL AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

5. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING, INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES, AND/OR ELECTRICAL CABLES ASSOCIATED WITH TRAFFIC SIGNALS WITHIN THE PROJECT LIMITS. IF ANY OF THESE EXIST 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. NO OVERNIGHT CLOSURES SHALL BE ALLOWED.

7. 4 CHANGEABLE MESSAGE SIGN SHALL BE REQUIRED FOR THIS PROJECT. 2 ON US 51 AND 1 ON KINOKA RD. AT I-57 AND 1 ON BOAT DOCK RD. AT US 51. IT SHALL BE PLACED 2 WEEKS PRIOR TO ANY LANE CLOSURE AND SHALL REMAIN UP FOR THE DURATION OF THE PROJECT. THE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ALONG OR AT THE DIRECTION OF THE ENGINEER.

MIXTURE REQUIREMENTS

ROUTE	FAS 2719 KINOKA RD./FAS 787 BOAT DOCK RD.
SECTION	(12,17)CS-1
COUNTY	MARION
CONTRACT	76V77

ADT (CONC. YR)	900
MU%	12.2
SU%	9.2
20 YR. ESAL'S	0.69

DESCRIPTION	CM - CULVERT REPLACEMENT ON KINOKA RD FROM US 51 IN PATOKA TO GARRETTE RD.

MIXTURE USE	PATCHING
AC/PG	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	IL 19.0
FRICTION AGG	MIXTURE "B"
QUALITY MGMT PROGRAM	QC/QA
MatTranDev Required?	NO

PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/ IN (59.8 KG/SQ M/25 MM THICKNESS).

ANY QCP PAY ITEM THAT HAS A QUANTITY OF 1600 TONS OR LESS WILL HAVE TWO SUBLOTS EAT OF WHICH WILL BE HALF OF THE PLAN QUANITY OR HALF OF THE ADJUSTED QUANTITY BY THE RESIDENT ENGINEER/TECHNICIAN.

COMMITMENTS

NONE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, MIXTURE REQUIREMENTS, COMMITMENTS

SCALE: NTS | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	(12,17)CR-1	MARION	8	2
		CONTRACT NO. 76V77		
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE 100% STATE PIPE CULVERT 0004 RURAL
20800150	TRENCH BACKFILL	CU YD	541	541
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2	2
50105220	PIPE CULVERT REMOVAL	FOOT	1331	1331
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	320	320
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	218	218
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	128	128
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	132	132
542A1909	PIPE CULVERTS, CLASS A, TYPE 3 24"	FOOT	346	346
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	19	19
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	20	20
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	4	4
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	(12,17)CR-1	MARION	8	3
		CONTRACT NO. 76V77		
		ILLINOIS	FED. AID PROJECT	

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE 100% STATE PIPE CULVERT 0004 RURAL
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	224	224
	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	591	591
	X4421767	CLASS D PATCHES, TYPE III, 10 INCH (SPECIAL)	SQ YD	169	169
	X4421768	CLASS D PATCHES, TYPE IV, 10 INCH (SPECIAL)	SQ YD	891	891
Ø	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500

Ø 0042

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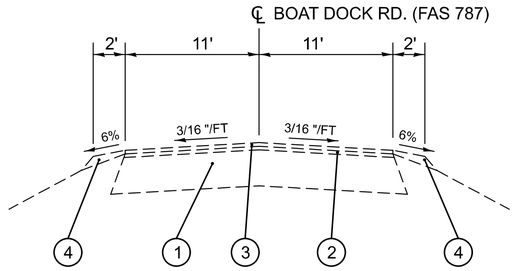
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

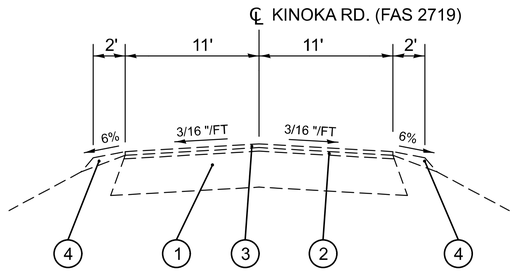
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		CONTRACT NO. 76V77		
	ILLINOIS	FED. AID PROJECT		



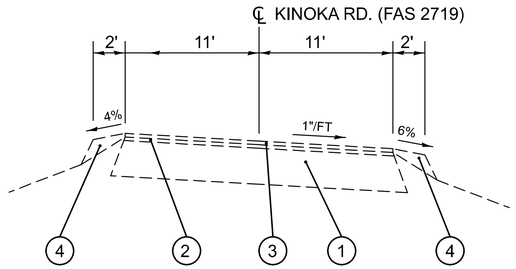
EXISTING TYPICAL SECTION

STA. 0+00 TO STA. 18+09



EXISTING TYPICAL SECTION

STA. 18+09 TO STA. 405+53



EXISTING TANGENT SECTION

STA. 405+53 TO STA. 406+03

1. EXISTING STABILIZED SUBBASE 8"
2. EXISTING LEVEL BINDER, (MACHINE METHOD) SUPERPAVE, N50, 2"
3. EXISTING BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX C, N50, 1.5"
4. EXISTING AGGREGATE SHOULDER, TYPE B

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

SCALE: NTS | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	(12,17)CR-1	MARION	8	5
		CONTRACT NO. 76V77		
	ILLINOIS	FED. AID PROJECT		

PIPE CULVERT SCHEDULE

STATION	DIAMETER	LENGTH	FILL	TRENCH BACKFILL	PRECAST REINFORCED CONCRETE FLARED END SECTION, 18"	PRECAST REINFORCED CONCRETE FLARED END SECTION, 24"	PRECAST REINFORCED CONCRETE FLARED END SECTION, 36"	PIPE CULVERT REMOVAL
	INCHES	FOOT	FOOT	CU YD	EACH	EACH	EACH	FOOT
192+80	24	52	2.8	10.8		2		50
211+80	18	50	2.8	7.8	2			45
224+60	18	48	1.7	4.5	2			40
225+40	18	52	2.8	8.1	1			48
251+80	24	57	2.5	10.6		4		106
291+30	24	57	1.8	7.6		2		52
291+60	24	55	2.6	10.6		2		52
315+80	24	81	6	36.0		2		84
328+90	18	52	2.3	6.6	2			48
331+60	18	52	1	2.9	2			48
337+10	18	50	2	5.6	2			44
341+10	18	82	3.5	15.9	2			80
342+50	36	82	4.5	41.0			2	82
355+70	18	54	1.3	3.9	2			48
358+10	18	52	1.5	4.3	2			48
365+10	36	82	9	82.0			2	78
389+90	18	70	7	27.2	2			68
391+10	24	68	10	50.4		2		64
394+30	24	64	9	42.7		2		60
402+30	24	108	12.5	100.0		2		108
403+40	24	80	14.5	85.9		2		78
TOTAL:				564	19	20	4	1331

SHOULDER SCHEDULE

STATION	LENGTH	AGGREGATE WEDGE SHOULDER, TYPE B
	FOOT	TON
192+80	2	0.1
211+80	1.5	0.1
225+40	1.5	0.1
244+60	1.5	0.1
251+80	4	0.2
291+30	2	0.1
291+60	2	0.1
315+80	2	0.1
328+90	1.5	0.1
331+60	1.5	0.1
337+10	1.5	0.1
341+10	1.5	0.1
342+50	3	0.2
355+70	1.5	0.1
358+10	1.25	0.1
365+10	3	0.2
389+90	1.5	0.1
391+10	1.5	0.1
394+30	1.5	0.1
402+30	2	0.1
403+40	2	0.1
TOTAL:		2

CLASS D PATCHING SPECIAL 10"

STATION	LENGTH	WIDTH	TY-III	TY-IV
	FOOT	FOOT	SQ YDS	SQ YDS
192+80	10.5	22		25.7
211+80	9	22	22	
224+60	9	22	22	
225+40	9	22	22	
251+80	18	22		44.0
291+30	10.5	22		25.7
291+60	10.5	22		25.7
315+80	38	22		92.9
328+90	9	22	22	
331+60	9	22	22	
337+10	9	22	22	
341+10	37	22		90.4
342+50	39	22		95.3
355+70	9	22	22	
358+10	30	22		73.3
365+10	15	22		36.7
389+90	26	22		63.6
391+10	26	22		63.6
394+30	14	22		34.2
402+30	52	24		80.7
403+40	24	22		58.7
SUB TOTAL			154	810.4
10% SUBTOTAL*			15.4	81.0
TOTAL			169	891

PIPE CULVERT CLASS A

STATION	DIAMETER	LENGTH	FILL	TYPE I 18'	TYPE II 18'	TYPE I 24'	TYPE III 24'	TYPE II 36'
	INCHES	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
192+80	24	52	2.8			40		
211+80	18	50	2.8	38				
225+40	18	48	1.7	36				
244+60	18	52	2.8	40				
251+80	24	57	2.5			90		
291+30	24	57	1.8			45		
291+60	24	55	2.6			43		
315+80	24	81	6				72	
328+90	18	52	2.3	40				
331+60	18	52	1	40				
337+10	18	50	2	38				
341+10	18	82	3.5		70			
342+50	36	82	4.5					66
355+70	18	54	1.3	48				
358+10	18	52	1.5	42				
365+10	36	82	9	40				66
389+90	18	70	7		58			
391+10	24	68	10				56	
394+30	24	64	9				52	
402+30	24	108	12.5				96	
403+40	24	80	14.5				70	
TOTAL:				362	128	218	346	132

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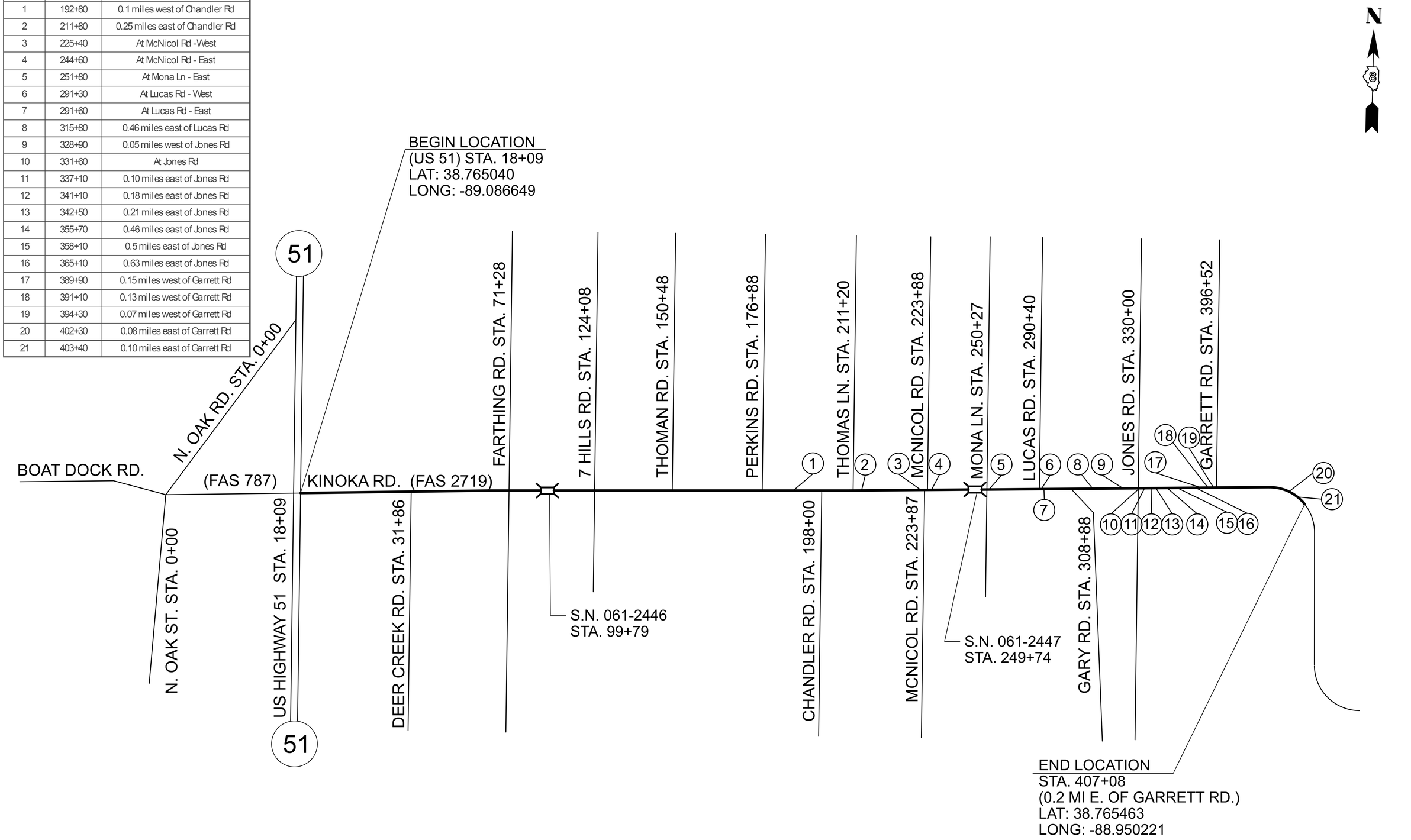
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SCHEDULE OF QUANTITIES

SCALE: NTS | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	(12,17)CR-1	MARION	8	7
		CONTRACT NO. 76V77		
		ILLINOIS	FED. AID PROJECT	

CROSS ROAD CULVERTR REPLACEMENT		
	Sta.	Location
1	192+80	0.1 miles west of Chandler Rd
2	211+80	0.25 miles east of Chandler Rd
3	225+40	At McNicol Rd -West
4	244+60	At McNicol Rd - East
5	251+80	At Mona Ln - East
6	291+30	At Lucas Rd - West
7	291+60	At Lucas Rd - East
8	315+80	0.46 miles east of Lucas Rd
9	328+90	0.05 miles west of Jones Rd
10	331+60	At Jones Rd
11	337+10	0.10 miles east of Jones Rd
12	341+10	0.18 miles east of Jones Rd
13	342+50	0.21 miles east of Jones Rd
14	355+70	0.46 miles east of Jones Rd
15	358+10	0.5 miles east of Jones Rd
16	365+10	0.63 miles east of Jones Rd
17	389+90	0.15 miles west of Garrett Rd
18	391+10	0.13 miles west of Garrett Rd
19	394+30	0.07 miles west of Garrett Rd
20	402+30	0.08 miles east of Garrett Rd
21	403+40	0.10 miles east of Garrett Rd



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	CHECKED -	REVISED -	
PLOT DATE = 8/10/2026	DATE -	REVISED -	

LOCATION MAP

SCALE: NTS | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2719	(12,17)CR-1	MARION	8	8
		CONTRACT NO. 76V77		
		ILLINOIS	FED. AID PROJECT	