

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
844	24PP-1	ST. CLAIR	7	1
		ILLINOIS	CONTRACT NO. 76P83	

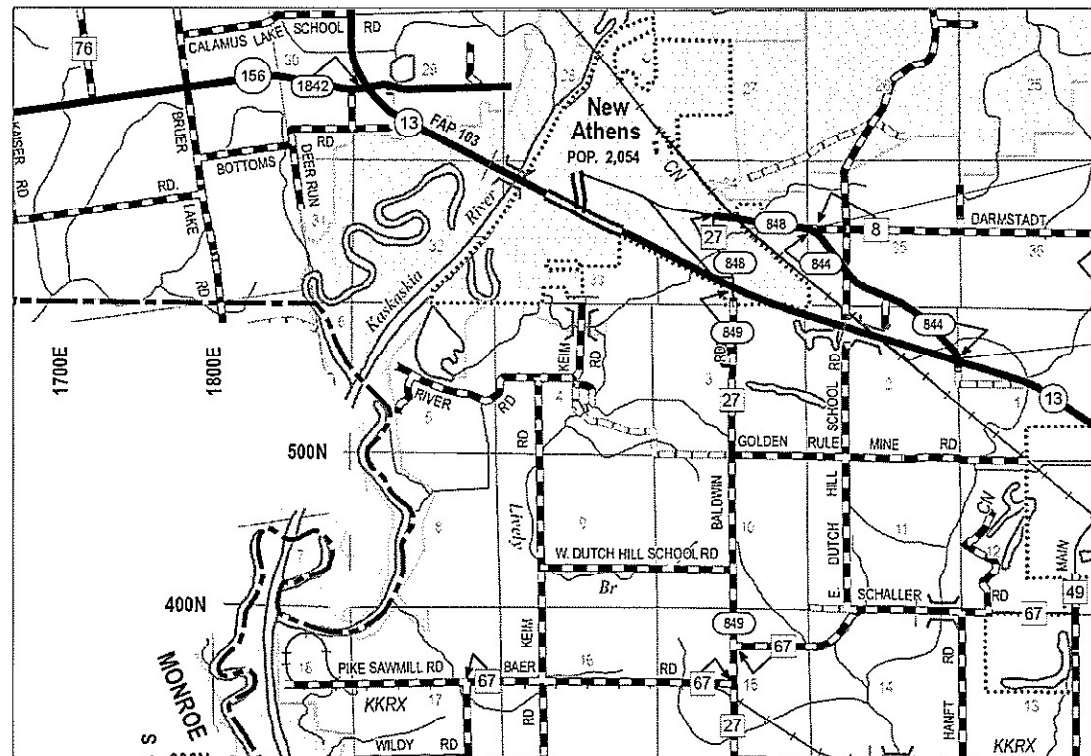
FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAS ROUTE 844 (OLD IL 013)
SECTION 24PP-1
PAVEMENT PATCHING (CM)
ST. CLAIR COUNTY

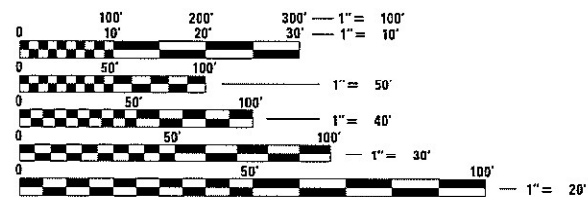
C-98-056-22

D-98-027-22



PROJECT STARTS
NEW ATHENS DARMSTADT RD.
STA. 38+01.6
LATITUDE: 38.314947
LONGITUDE: -89.852942

PROJECT ENDS
IL 13
STA. 110+88
LATITUDE: 38.302235
LONGITUDE: -89.834749



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 EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER – CHERYL KEPLAR (618)-346-3123
PROJECT MANAGER – TONI MANN (618)-346-3189

GROSS LENGTH = 7286.4 FT. = 1.38 MILE
NET LENGTH = 7286.4 FT. = 1.38 MILE

CONTRACT NO. 76P83

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Oct 7 2021
Keith Roberts
REGIONAL ENGINEER

December 10 2021
Stephen M. Smith
ENGINEER OF DESIGN AND ENVIRONMENT

December 10 2021
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEETS
- 2 INDEX OF SHEETS, GENERAL NOTES,
HIGHWAY STANDARDS, COMMITMENTS, & ADT
- 3 SUMMARY OF QUANTITY
- 4-5 TYPICAL SECTION
- 6 SCHEDULE OF QUANTITY
- 7 DETAILED LOCATION MAP

HIGHWAY STANDARDS

- 00001-08 STANDARD SYMBOLS ABBREVIATIONS & PATTERNS-001
- 001006 DECIMAL OF INCH & FOOT
- 420001-10 PAVEMENT JOINTS
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
- 442101-09 CLASS B PATCHES
- 701001-02 OFF ROAD OPERATION-2LANE 2WAY-15FT MINIMUM FROM EDGE OF PAVEMENT
- 701006-05 OFF ROAD OPERATION-2LANE 2WAY-15FT TO EDGE OF PAVEMENT
- 701201-05 LANE CLOSURE 2LANE 2WAY-DAY ONLY
- 701336-07 LANE CLOSURE 2LANE 2WAY WORK AREAS IN SERIES 45MPH OR MORE
- 701901-08 TRAFFIC CONTROL DEVICES

COMMITMENTS

NO COMMITMENTS

ADT

FROM NEW ATHENS/DARMSTADT RD TO IL 13
 2018 ADT = 400 (ACTUAL)
 2022 ADT = 425 (ESTIMATED)
 2043 ADT = 575 (ESTIMATED)
 SU = 6.4% MU = 4.3%

GENERAL NOTES

1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:
 AMEREN ILLINOIS
 AT&T ILLINOIS
 CLEARWAVE COMMUNICATION
 KASKASKIA WATER DISTRICT
 VILLAGE OF LENZBURG
 VERIZON BUSINESS
 NEWWAVE COMMUNICATION
 WASHINGTON COUNTY
 ZAYO GROUP LLC
2. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
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. ALL TURF AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE EROSION CONTROL, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
6. NO OVERNIGHT CLOSURE SHALL BE ALLOWED.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS, COMMITMENTS, & ADT			
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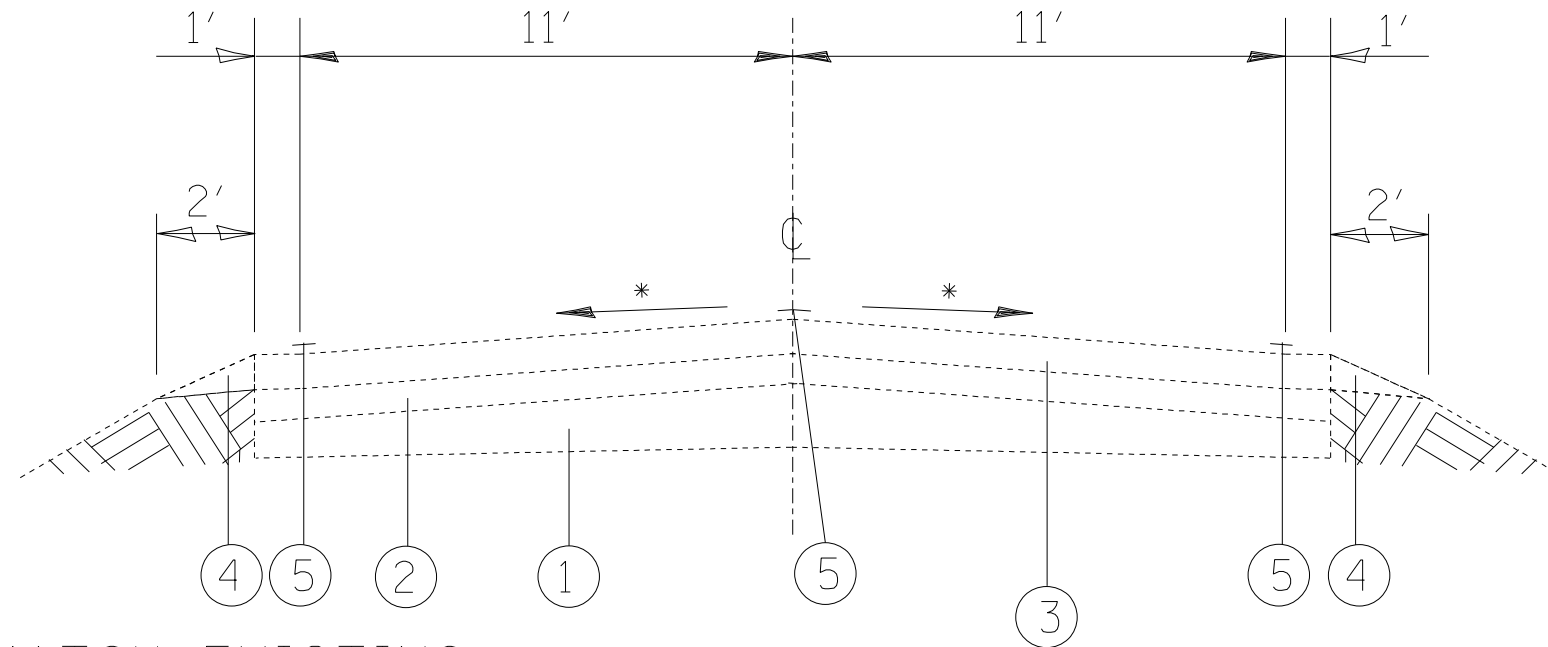
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
844	24PP-1	ST. CLAIR	7	2
CONTRACT NO. 76P83				
ILLINOIS FED. AID PROJECT				

				CONSTR. CODE
				100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0006 RURAL
4200060	WELDED WIRE REINFORCEMENT	SQ YD	20	20
44200956	CLASS B PATCHES, TYPE II, 9 INCH	SQ YD	140	140
44200962	CLASS B PATCHES, TYPE III, 9 INCH	SQ YD	20	20
44201019	CLASS B PATCHES, TYPE II, 14 INCH	SQ YD	123	123
44201298	DOWEL BARS 1 1/4"	EACH	375	375
44201299	DOWEL BARS 1 1/2"	EACH	275	275
44213200	SAW CUTS	FOOT	1628	1628
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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	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										



* MATCH EXISTING

TYPICAL SECTION

STA. 38+01.6 TO STA. 105+64

LEGEND

- ① EXISTING CONCRETE PAVEMENT, 9-7-9 VARIABLE THICKNESS
- ② EXISTING HMA RESURFACING, 3"
- ③ EXISTING HMA SURFACE COURSE, 1.5"
- ④ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑤ EXISTING PAVEMENT MARKING
- ⑥ EXISTING BITUMINOUS SHOULDER

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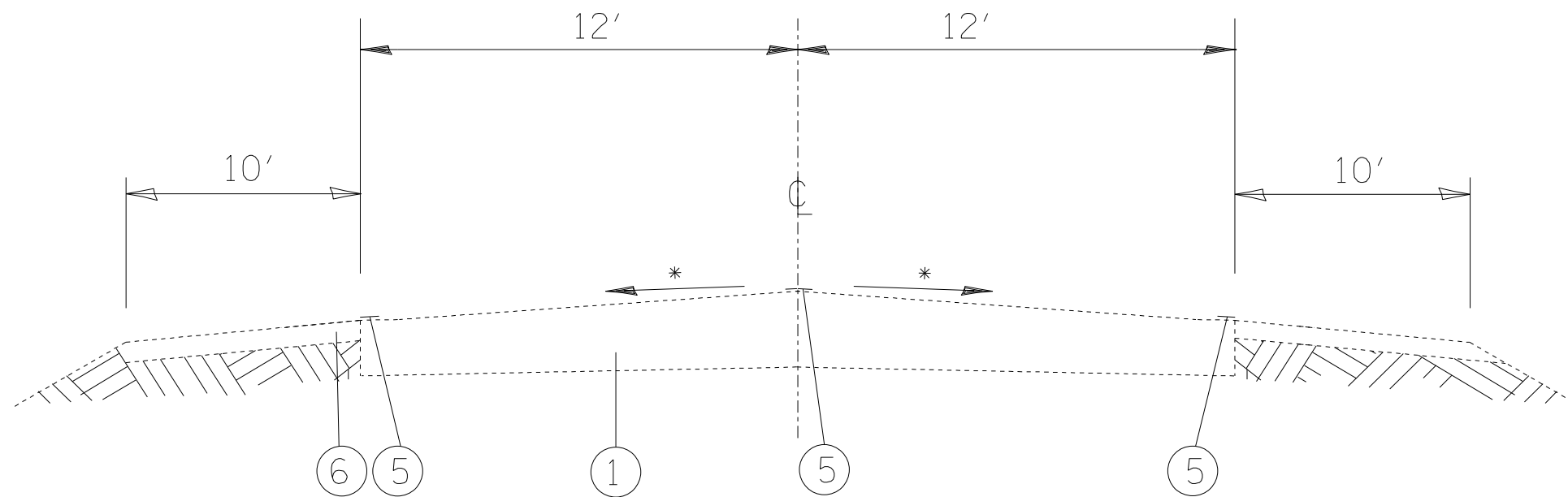
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PLOT DATE = 10/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
844	24PP-1	ST. CLAIR	7	4
CONTRACT NO. 76P83			ILLINOIS FED. AID PROJECT	



* MATCH EXISTING

TYPICAL SECTION

STA. 105+64 TO STA. 110+88

LEGEND

- ① EXISTING CONCRETE PAVEMENT, 9-7-9 VARIABLE THICKNESS
- ② EXISTING HMA RESURFACING, 3"
- ③ EXISTING HMA SURFACE COURSE, 1.5"
- ④ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑤ EXISTING PAVEMENT MARKING
- ⑥ EXISTING BITUMINOUS SHOULDER

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
844	24PP-1	ST. CLAIR	7	5
CONTRACT NO. 76P83			ILLINOIS FED. AID PROJECT	

CLASS B PATCHES 14"								
STA.	SHOULDER	SIDE	SIZE			TYPE II SQYD	SAW CUTS FOOT	DOWEL BARS 1 1/2" EACH
			LENGTH (FT)	WIDTH (FT)	DEPTH (INCH)			
42+24.0	HMA	EB	6.0	12.0	14.0	8	49	20
58+08.0	HMA	EB	6.0	12.0	14.0	8	49	20
58+08.0	HMA	WB	6.0	12.0	14.0	8	49	20
63+36.0	HMA	EB	6.0	12.0	14.0	8	49	20
63+36.0	HMA	EB	6.0	12.0	14.0	8	49	20
63+36.0	HMA	WB	6.0	12.0	14.0	8	49	20
63+36.0	HMA	WB	6.0	12.0	14.0	8	49	20
68+64.0	HMA	WB	6.0	12.0	14.0	8	49	20
79+20.0	HMA	EB	10.0	12.0	14.0	13	57	20
79+20.0	HMA	WB	10.0	12.0	14.0	13	57	20
95+04.0	HMA	EB	6.0	12.0	14.0	8	49	20
SUBTOTAL						99	555	220
25% ANTICIPATED FAILURES						25	139	55
TOTAL						123	694	275

CLASS B PATCHES 9"										
STA.	SHOULDER	SIDE	SIZE			TYPE II SQYD	TYPE III SQYD	SAW CUTS FOOT	WELDED WIRE REINFORCEMENT SQYD	DOWEL BARS 1 1/4" EACH
			LENGTH (FT)	WIDTH (FT)	DEPTH (IN)					
105+60.0	HMA	EB	6	12	9	8		49		20
105+60.0	HMA	EB	6	12	9	8		49		20
105+60.0	HMA	EB	6	12	9	8		49		20
105+60.0	HMA	EB	6	12	9	8		49		20
105+60.0	HMA	EB	6	12	9	8		49		20
105+60.0	HMA	EB	6	12	9	8		49		20
105+60.0	HMA	EB	12	12	9		16.00	61	16.00	20
105+60.0	HMA	WB	6	12	9	8		49		20
105+60.0	HMA	WB	6	12	9	8		49		20
110+88.0	HMA	EB	6	12	9	8		49		20
110+88.0	HMA	EB	6	12	9	8		49		20
110+88.0	HMA	EB	6	12	9	8		49		20
110+88.0	HMA	EB	6	12	9	8		49		20
110+88.0	HMA	WB	6	12	9	8		49		20
110+88.0	HMA	WB	6	12	9	8		49		20
SUBTOTAL						112	16	747	16	300
25% ANTICIPATED FAILURES						28	4	187	4	75
TOTAL						140	20	934	20	375

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITY

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
844	24PP-1	ST. CLAIR	7	6
CONTRACT NO. 76P83				
ILLINOIS FED. AID PROJECT				

FOR REFERENCE
SPOTSYLVANIA ST./ NEW BALDWIN RD
STA. 0+00

BEGIN PROJECT
NEW ATHENS DARMSTADT RD.
STA. 38+01.6



END PROJECT
IL 13
STA. 110+88

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PLOT DATE = 10/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILED LOCATION MAP

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
844	24PP-1	ST. CLAIR	7	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76P83	