06-16-2023 LETTING ITEM 157

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-PS-6	ST. CLAIR	3	1
	ILLINOIS	CONTRACT NO. 76T12		

D-98-035-23

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PROPOSED HIGHWAY PLANS

FAI 70 (I-55)
SECTION 82-1-PS-6
PUMP REPLACEMENT
ST. CLAIR COUNTY

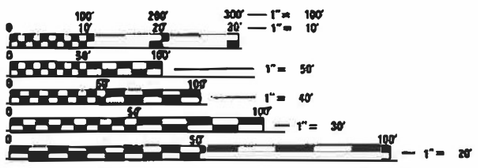
C-98-079-23

INDEX OF SHEETS

1 COVER SHEET
2 SUMMARY OF QUANTITIES
3 BUILDING ELEVATION

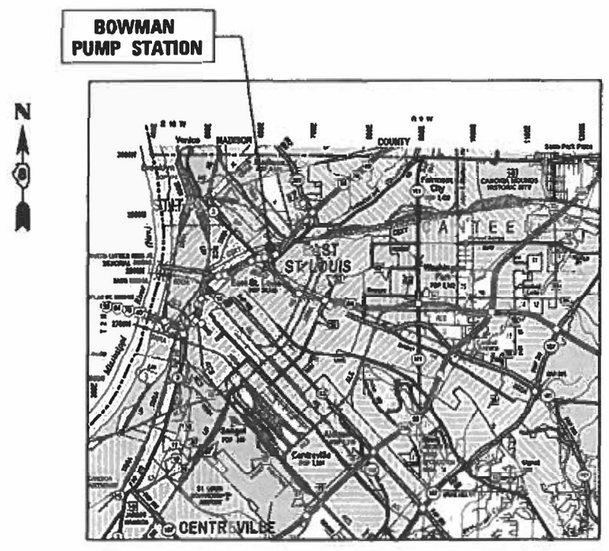
HIGHWAY STANDARDS

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006 DECIAML OF AN INCH AND OF A FOOT



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



ST. CLAIR COUNTY

GROSS LENGTH = N/A
NET LENGTH = N/A

PROJECT MANAGER: PHILLIP SAWYER
PROJECT ENGINEER: RICHARD BARBEE

CONTRACT NO. 76T12

AARON M. SCHAFER
062-065354
REGISTERED
PROFESSIONAL
ENGINEER
OF
ILLINOIS

3/3/2023
AARON M. SCHAFER — DATE
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062-065354
LICENSE EXPIRES NOVEMBER 30, 2023

REV. - MS

PLANS PREPARED BY:

KLINGNER & ASSOCIATES, P.C.
Engineers · Architects · Surveyors
616 North 24th Street, Quincy, IL — Ph (217)222-3670 - Fax (217)222-3623
4510 Paris Gravel Road, Hannibal, MO — Ph (573)221-0020 - Fax (573)221-0012
810 N. 4th Street, Suite 100, Burlington, IA — Ph (319)753-1838 - Fax (319)752-3605
43 North Prairie Street, Galesburg, IL — Ph (309)342-4042 - Fax (309)341-3781
604 Liberty Street, Suite 125, Pella, IA — Ph (515)612-7402
907 West Ash Street, Columbia, MO — Ph (573)355-5988
Internet Address: www.klingner.com
STATE OF ILLINOIS DESIGN FIRM # 184-2738

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 22 2023
Kurt H. Bonn
PROFESSIONAL ENGINEER

May 12, 2023
Joe A. Ertl
ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2023
Steve McGraw
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY (100% STATE URBAN)	CONSTRUCTION TYPE CODE: ST. CLAIR 0044		
67100100	MOBILIZATION	L SUM	1	1		
X0783300	PUMP STATION ELECTRICAL WORK	L SUM	1	1		

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KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
516 N.24TH ST, QUINCY, ILLINOIS 62301 217.223.3670
STATE OF ILLINOIS DESIGN FIRM NO. 184-2738

USER NAME = aschafer	DESIGNED - AMS	REVISED -	
	DRAWN - EBB	REVISED -	
PLOT SCALE = 2:1 ':-' / in.	CHECKED - AMS	REVISED -	
PLOT DATE = 3/23/2023	DATE - EBB	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
BOWMAN PUMP STATION

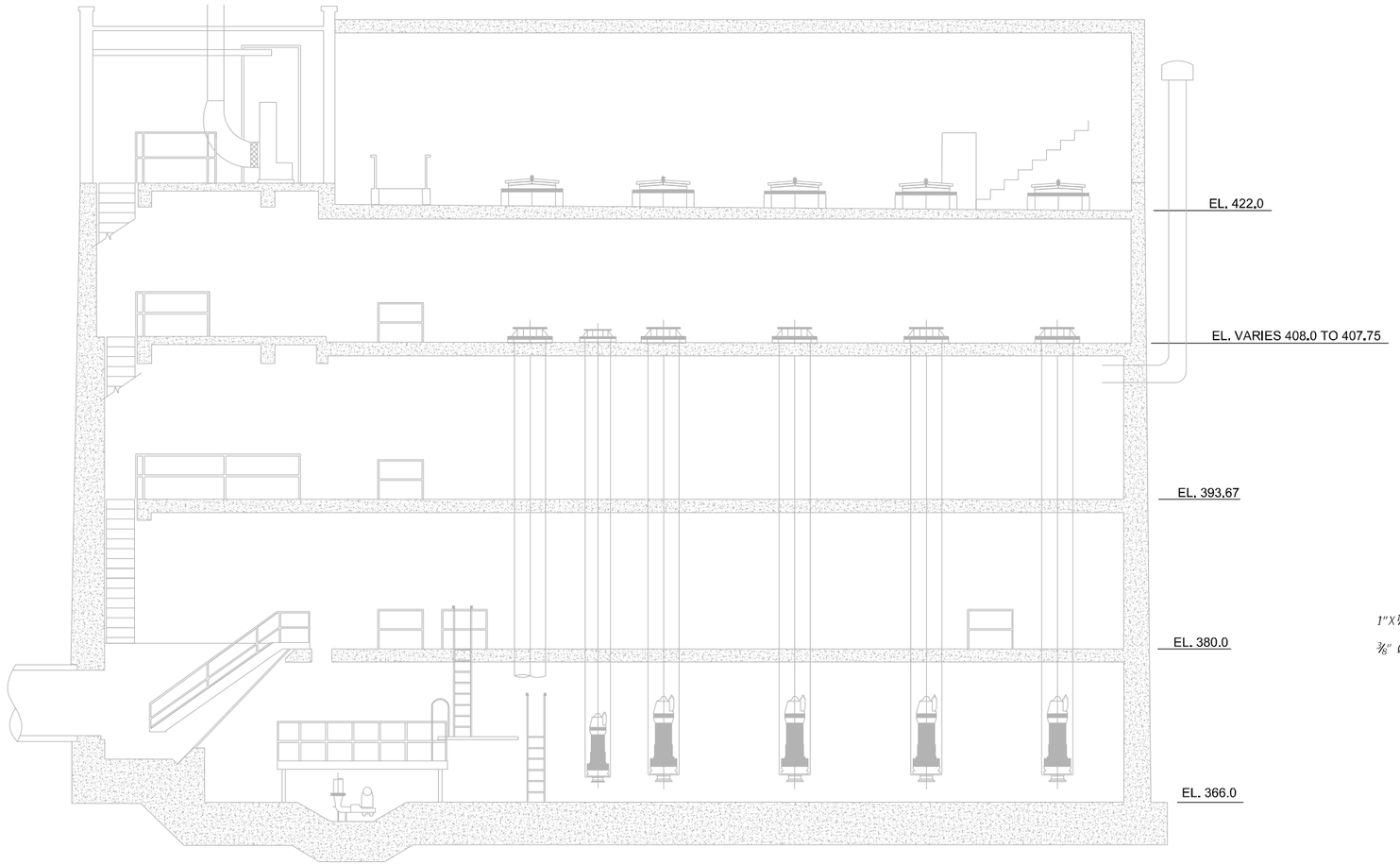
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-PS-6	ST. CLAIR	3	2

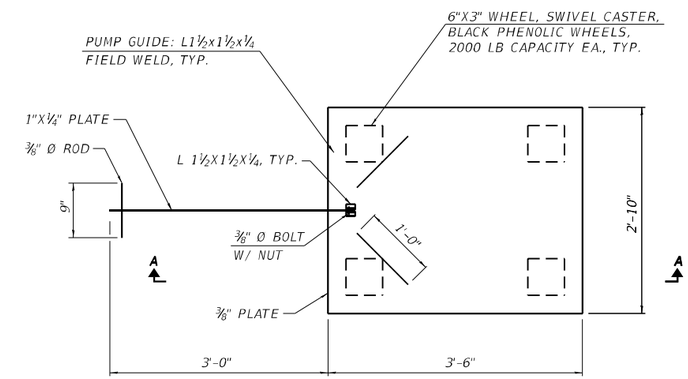
CONTRACT NO. 76T12

ILLINOIS | FED. AID PROJECT

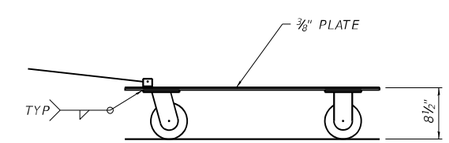
NOTE
THE PROJECT INCLUDES THE PROCUREMENT AND INSTALLATION OF A SINGLE REPLACEMENT PUMP. THE EXISTING PUMP SHALL BE REMOVED AND DELIVERED TO THE IDOT DISTRICT 8 MISSOURI AVENUE PUMP STATION.
THE CONTRACTOR SHALL DELIVER AND HAVE MEANS OF UNLOADING AND SETTING THE EXISTING PUMP ON A PUMP DOLLY AT THE PUMP STATION. THE CONTRACOTR SHALL PROVIDE THE PUMP DOLLY AS SHOWN IN DETAIL 1.



ELEVATION



DETAIL 1 - PUMP DOLLY PLAN



SECTION A-A

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KLINGNER & ASSOCIATES, P.C. Engineers • Architects • Surveyors 616 N.24TH ST. QUINCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	USER NAME = aschafer	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ELEVATION BOWMAN PUMP STATION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			70	82-1-PS-6	ST. CLAIR	3 / 3
	PLOT SCALE = 2:1 '=' / in.	CHECKED -	REVISED -					CONTRACT NO. 76T12	
	PLOT DATE = 3/8/2023	DATE -	REVISED -		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	