

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PROPOSED
HIGHWAY PLANS**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-PS-8	ST. CLAIR	3	1
		ILLINOIS	CONTRACT NO. 76T64	

D-98-036-24

INDEX OF SHEETS

- 1 COVER SHEET
- 2 SUMMARY OF QUANTITIES
- 3 ELEVATION

HIGHWAY STANDARDS

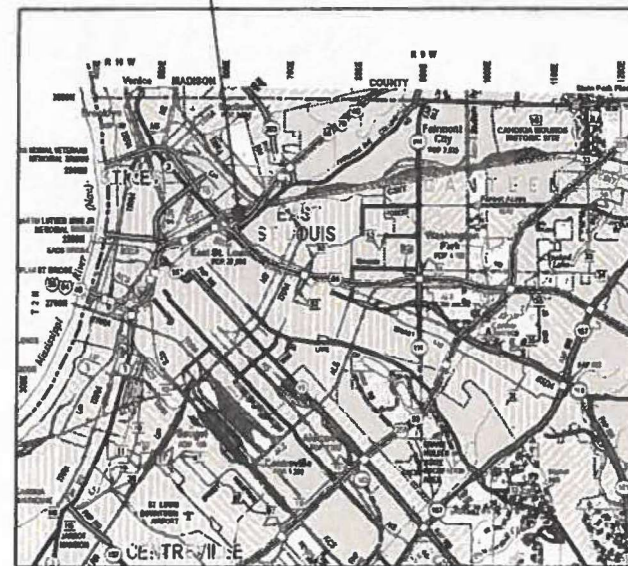
- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT

**FAI 70 (I-55/US 40)
SECTION 82-1-PS-8
PUMP REPLACEMENT
ST. CLAIR COUNTY**

C-98-098-24

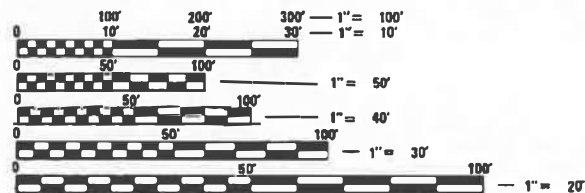


**BOWMAN
PUMP STATION**



ST. CLAIR COUNTY

GROSS LENGTH = NA
NET LENGTH = NA

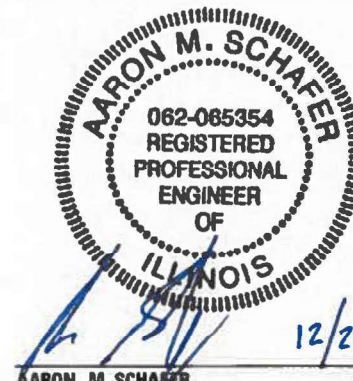


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT MANAGER: PHILLIP SAWYER
PROJECT ENGINEER: RICHARD BARBEE

CONTRACT NO. 76T64



AARON M. SCHAEFER
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062-065354
LICENSE EXPIRES NOVEMBER 30, 2025

DATE
12/28/2023

REV. - MS

PLANS PREPARED BY:

**KLINGNER
& ASSOCIATES. P.C.**

Engineers • Architects • Surveyors

- 814 North 24th Street, Quincy, IL Ph (217)223-3670 - Fax (217)223-3603
 - 4510 Parle Gravel Road, Hazelbald, MO Ph (573)221-0020 - Fax (573)221-0012
 - 810 N. 4th Street, Suite 100, Burlington, IA Ph (319)753-1636 - Fax (319)752-3625
 - 48 North Prairie Street, Galesburg, IL Ph (309)342-4042 - Fax (309)341-3781
 - 604 Liberty Street, Suite 125, Peoria, IA Ph (309)612-7402
 - 907 East Ash Street, Columbia, MO Ph (573)555-6888
- Internet Address: STATE OF ILLINOIS DESIGN FIRM # 1842738 www.klingner.com

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 6, 2024
Richard H. Brown
REGIONAL ENGINEER

March 22, 2024
S.A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2024
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

P:\Projects\180198\Work\Order 14 - Phase II Pump Station Blanket Agreement\76164.Bowman Pump Replent\Structure\Bowman Final\CAD Sheets\0876164-st-500.dgn



USER NAME = aschafer	DESIGNED - AMS	REVISED -
	DRAWN - EBB	REVISED -
PLOT SCALE = 2:1 " = 1/4" / in.	CHECKED - AMS	REVISED -
PLOT DATE = 12/28/2023	DATE - EBB	REVISED -

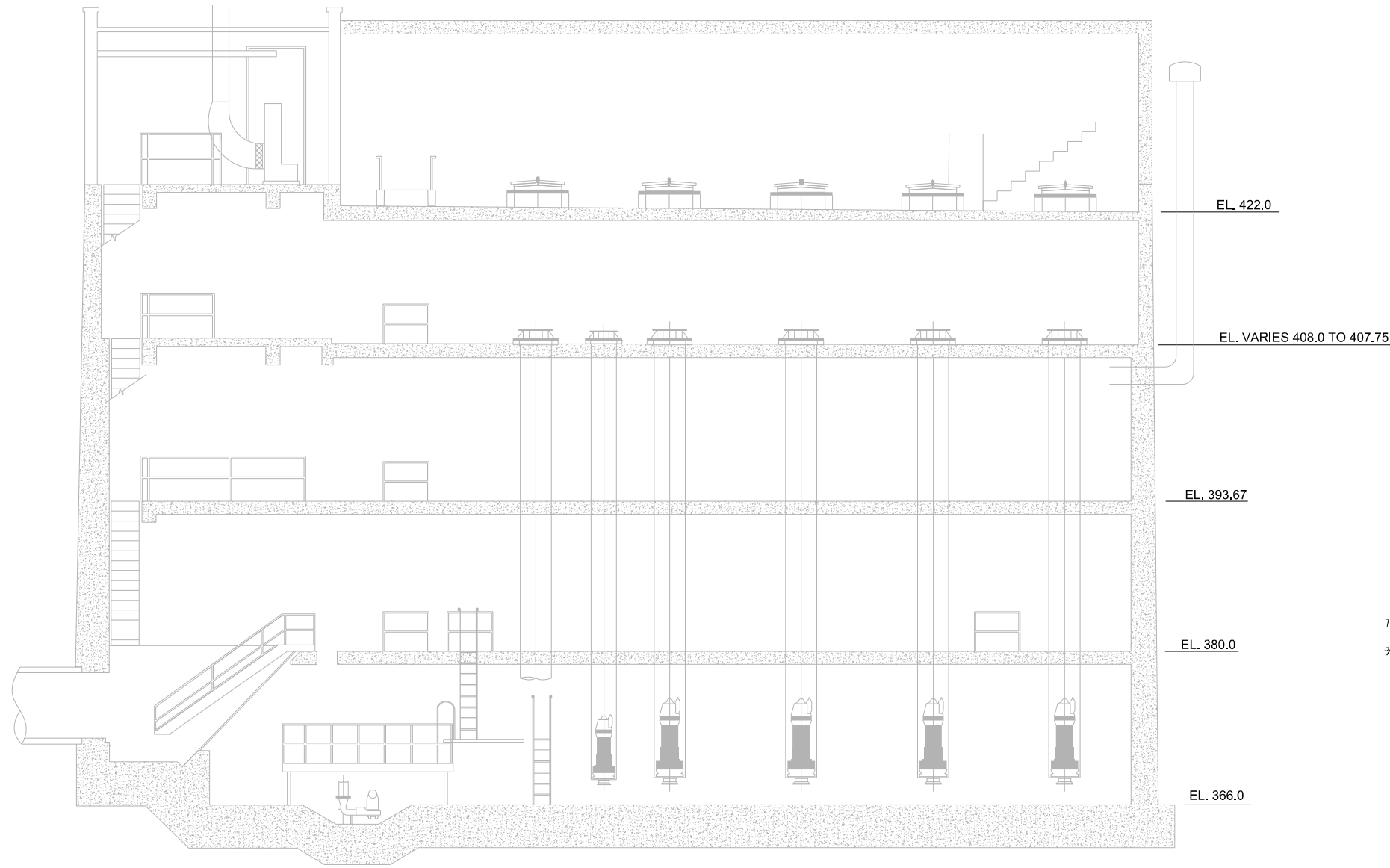
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 BOWMAN PUMP STATION

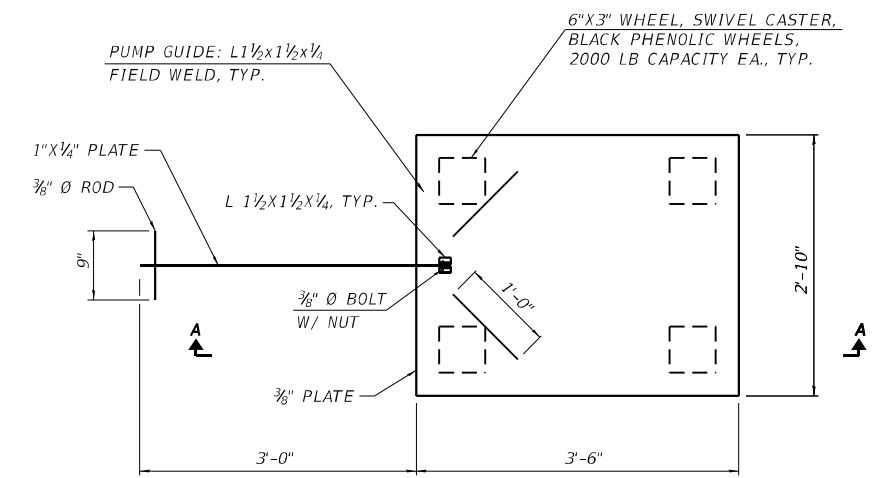
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-PS-8	ST. CLAIR	3	2
				CONTRACT NO. 76164
ILLINOIS FED. AID PROJECT				

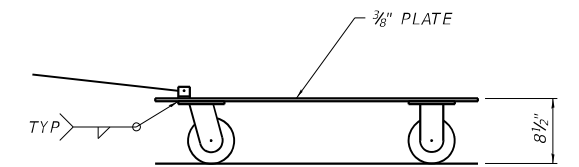
NOTE
 THE PROJECT INCLUDES THE PROCUREMENT AND INSTALLATION OF TWO REPLACEMENT PUMPS. THE TWO NEW PUMPS CAN REPLACE ANY OF THE EXISTING PUMPS AND SHALL BE COORDINATED WITH THE DISTRICT. THE TWO EXISTING PUMPS SHALL BE REMOVED, REHABILITATED, AND RETURNED TO OWNER. SEE SPECIAL PROVISIONS FOR ADDITIONAL DETAILS.
 THE CONTRACTOR SHALL PROVIDE A PUMP DOLLY FOR EACH PUMP (2 TOTAL DOLLIES), AS SHOWN IN DETAIL 1. COST INCLUDED IN "PUMP STATION ELECTRICAL WORK".



ELEVATION



DETAIL 1 - PUMP DOLLY PLAN



SECTION A-A

P:\Projects\1810\181098\Work-Order-14 - Phase 11 Pump Station Blanket Agreement\76164-Bowman Pump Repliment\Structure\Bowman_Final\CAD Sheets\0876164-ht-Elevation.dgn

KLINGNER & ASSOCIATES, P.C.
 Engineers • Architects • Surveyors
 616 N. 24TH ST. QUINCY, ILLINOIS 62301 217.223.3670
 STATE OF ILLINOIS DESIGN FIRM NO. 164-2738

USER NAME = aschafer	DESIGNED -	REVISED -
PLOT SCALE = 2:1 " = 1" / in.	DRAWN -	REVISED -
PLOT DATE = 12/28/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ELEVATION
 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-8	ST. CLAIR	3	3
CONTRACT NO. 76T64				
ILLINOIS FED. AID PROJECT				