### 06-14-2024 LETTING ITEM 085

### INDEX OF SHEETS

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- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 PIPE SUPPORT PLANS
- 5 PIPE SUPPORT ELEVATION AND DETAILS
- 6 EXISTING ELEVATION REFERENCE

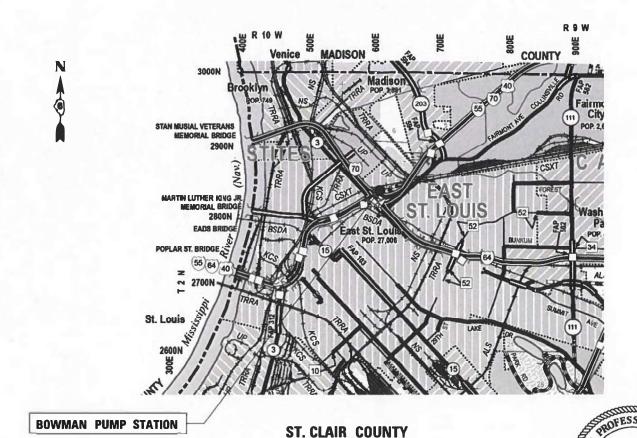
## DEPARTMENT OF TRANSPORTATION

STATE OF ILLINOIS

# PROPOSED HIGHWAY PLANS

F.A.U. 9153 (EXCHANGE AVE)
SECTION DIST 8 DEEP WELL & PUMP REPAIRS 2024
BOWMAN PUMP STATION
DEWATERING PUMP REPLACEMENT
ST. CLAIR COUNTY

C-98-112-23



GROSS LENGTH = N/A

NET LENGTH = N/A

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS

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

ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

PROJECT ENGINEER: CHERYL KEPLAR SQUAD LEADER: PHILLIP SAWYER

CONTRACT NO. 76T38

JOSIAH B. MOORE DATE REGISTERED PROFESSIONAL ENGINEER STATE OF ILLINOIS NO. 062–074675 LICENSE EXPIRES NOVEMBER 30, 2025

IOSIAH BRADLEY

MOORE

F.A.U. SECTION COUNTY TOTAL SHEET NO.

9153 DIST 6 DEEP WILL & PARP REPAIRS 2024 ST. CLAIR 6 1

ILLINOIS CONTRACT NO. 76T38

### D-98-067-23



ANS PREPARED BY:

## & ASSOCIATES, P.C.

Engineers · Architects · Surveyors

616 North 24th Street, Outroy, B.
4510 Paris Gravel Road, Harvibad, MO
610 N. 4th Street, Suite 100, Burfington, N.
49 North Paris Street, Galesburg, B.
604 Liberty Street, Suite 125, Pella, IA
007 East Ash Street, Columbia, MO
2150 West Main Street, Carbondale, R.

□ got East Ash Street, Cohumbia, MO Ph (573)
□ 2150 West Main Street, Carbondale, R. Ph (618)
Internet Address: STATE OF ILLINOIS DESIGN FIRM # 1842738

Ph (217)223-3670 - F<sub>BX</sub> (217)223-3603 Ph (573)221-0020 - F<sub>BX</sub> (573)221-0012 Ph (319)753-1636 - F<sub>BX</sub> (319)752-3605 Ph (309)342-4042 - F<sub>BX</sub> (309)341-3781

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED

May 10, 2024

ENGINEER OF DESIGN AND ENVIRONMENT

May 10, 2024

SAL MARKET OF DESIGN AND ENVIRONMENT

May 10, 2024

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV. - MS

#### **GENERAL NOTES**

- PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD, AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING MATERIALS.
- 2. THE CONTRACTOR SHALL SECURE ANY LOCAL, STATE, COUNTY PERMITS NEEDED FOR THIS PROJECT.
- 3. THE CONTRACTOR SHALL PERFORM ALL CONSTRUCTION FOR THE PROJECT IN A MANNER AND SEQUENCE THAT ARE BASED ON ACCEPTED INDUSTRY STANDARDS THAT RECOGNIZE THE INTERACTION OF THE COMPONENTS THAT COMPRISE THE STRUCTURE, WITHOUT CAUSING DISTRESS, UNANTICIPATED MOVEMENTS OR IRREGULAR LOAD PATHS AS A RESULT OF THE CONSTRUCTION MEANS AND METHODS EMPLOYED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENFORCE ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
- 5. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE EXISTING PUMP STATION BUILDING.
- 6. DRAWINGS ARE NOT TO SCALE.
- THE DEPARTMENT RESERVES THE RIGHT TO NOTIFY THE CONTRACTOR TO CHANGE THE CONSTRUCTION SCHEDULE IF NEEDED TO ENSURE PROPER DEWATERING NEEDS FOR THE DEPARTMENT.
- 8. 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 HCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

### COMMITMENTS

HIGHWAY STANDARDS

000001-08 001006

USER NAME = asch & er

& A S S O C I A T E S, P. C.

Engineers · Architects · Surveyors
eite N2H ist : Quincy, ILLinois e230 121/223.800
STATE OF ILL'NOIS DESIGN FRM NO. 184-2738

USER NAME = asch & er

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
BOWMAN PUMP STATION
SHEET 1 OF 1 SHEETS STA.

TO STA.

SCALE: NONE

F.A.U. SECTION COUNTY TOTAL SHEETS NO.
9153 DIST 8 DEEP WELL & PUMP REAPIRS 2024 ST. CLAIR 6 2

CONTRACT NO. 76T38

### ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

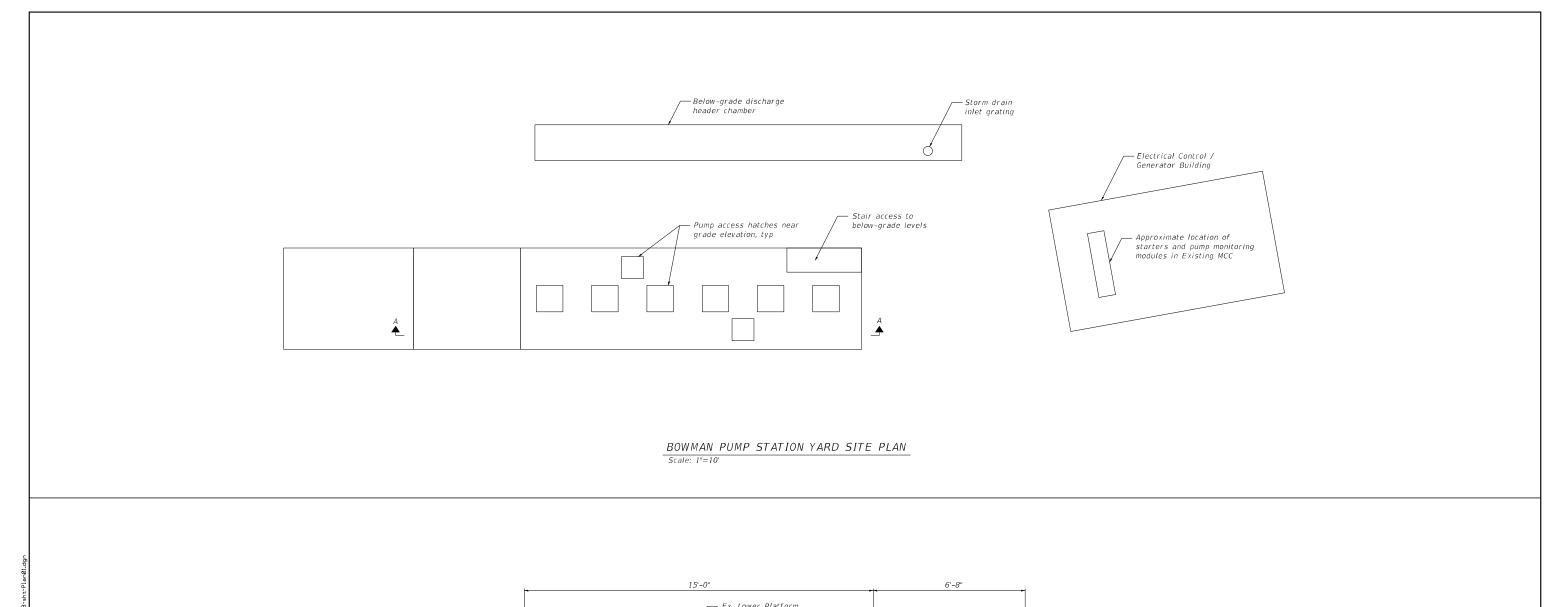
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CODE NO.	ITEM	UNIT	TOTAL	ST. CLAIR		
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				URBAN		
67100100	MOBILIZATION	L SUM	1	1		
X0783300	PUMP STATION ELECTRICAL WORK	L SUM	1	1		
X0783500	PUMP STATION MECHANICAL WORK	L SUM	1	1		

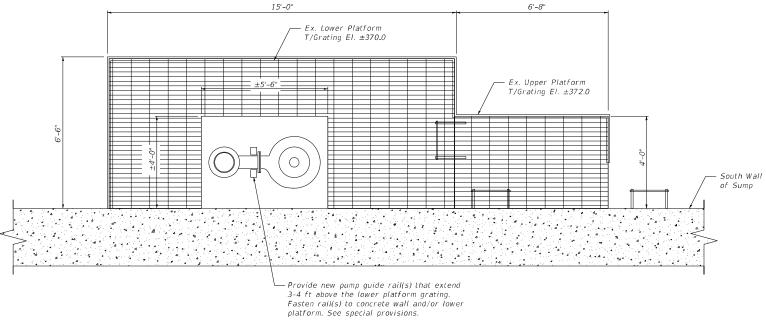
80198\Work Order 15 - Phase II Pump Station Blanket Agreement\Dewatering Pumps

& A S S O C I A T E S . P. C.
Engineers - Architects - Surveyors
610 A2TH ST. CUINCY, LLUNDS 62301 217.223.3670
STATE OF LLUNDS DESIGN FERM NO. 1847-2788

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	BOWMAN	PUMP	STATION	YARD	SITE PLAN
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18f	KLINGNER	US
/uor	& ASSOCIATES, P.C.	
à	Engineers • Architects • Surveyors	PLO
<u>-</u>	618 N.24TH ST. QUINCY, ILLINOIS 62301 217 223 3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	PLO

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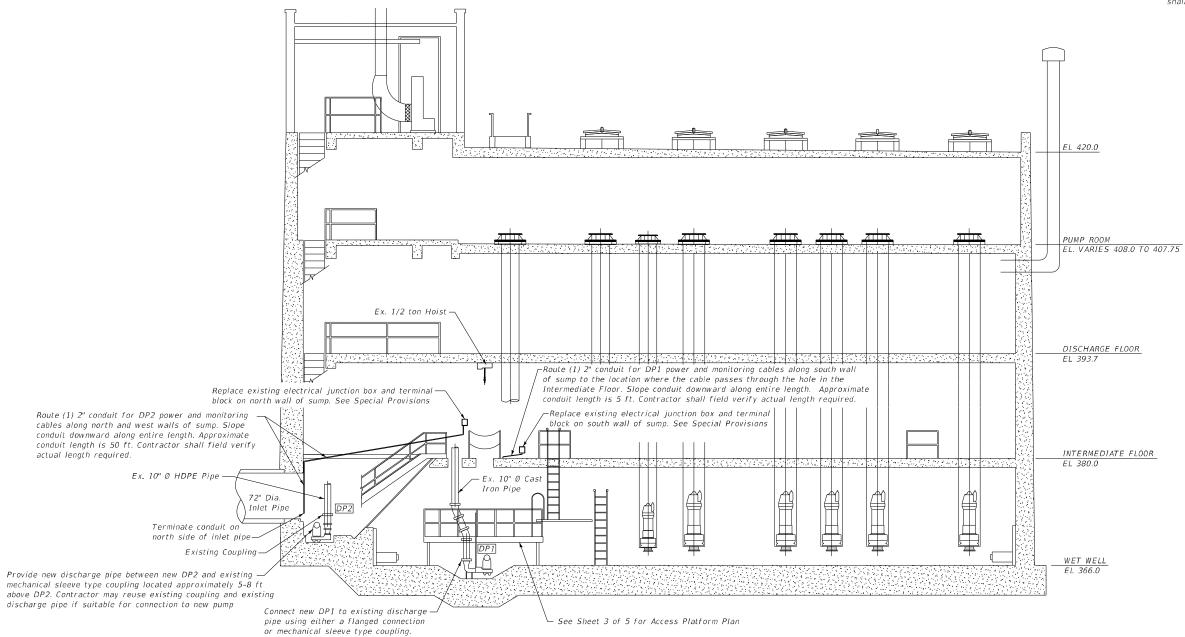
STATE OF ILLINOIS					
DEPARTMENT OF	TRANSPORTATION				

SITE AND PLATFORM PLANS							
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	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	9153	DIST 8 DEEP WELL & PUMP REAPIRS 2024	ST. CLAIR	6	4		
_			CONTRAC	T NO. 7	6T38		
ı	JULINOIS FED. AID PROJECT						

The project includes the procurement and installation of (2) new dewatering pumps, DP1 and DP2. The contractor shall remove the (2) existing dewatering pumps and provide them to IDOT at the Bowman Avenue Pump Station.

The cost of the replacement of the existing electrical junction boxes and terminal blocks and installation of new 2" conduits shall be included in "Pump Station Electrical Work".



SECTION A-A

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, four	& ASSOCIATES, P.C.	
5	Engineers · Architects · Surveyors	
÷	616 N.24TH ST. QUINCY, ILLINOIS 62301 217 223 3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	
- 1		

Route (1) 2" conduit for DP2 power and monitoring

Ex. 10" Ø HDPE Pipe -

Terminate conduit on north side of inlet pipe-

cables along north and west walls of sump. Slope conduit downward along entire length. Approximate conduit length is 50 ft. Contractor shall field verify

Provide new discharge pipe between new DP2 and existing —

discharge pipe if suitable for connection to new pump

actual length required.

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SCALE: NONE

ELEVATION					F.A.U. RTE.	SECTION	
	BOWMAN PUMP STATION					9153	DIST 8 DEEP WELL & PUMP REAPIN
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### EXISTING ELEVATION - FOR INFORMATION USE ONLY

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-	& ASSOCIATES, P.C.	
	Engineers • Architects • Surveyors	Р
	616 N.24TH ST. QUÍNCY, ILLINOIS 62301 217.223.3670 STATE OF ILLINOIS DESIGN FIRM NO. 184-2738	ρ

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	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	9153	DIST 8 DEEP WELL & PUMP REAPIRS 2	ST. CLAIR	6	6		
_			CONTRACT NO. 76T38				
ı	ILLINOIS FED. AID PROJECT						