

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 DEEP WELLS 2020 1	MADISON/ST. CLAIR	10	1
* = VARIOUS		ILLINOIS	CONTRACT NO. 76M37	

041

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MISSOURI AVENUE DEEP WELL (LOCATION 3)
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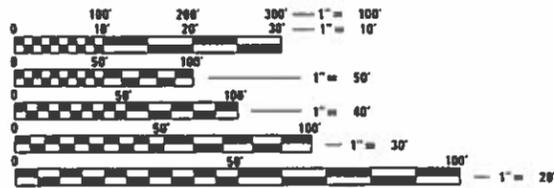
**PROPOSED  
HIGHWAY PLANS**

**VARIOUS ROUTES  
SECTION DIST 8 DEEP WELLS 2020-1  
WELL TREATMENT  
MADISON AND ST. CLAIR COUNTIES**

C-98-064-19

**STANDARDS**

- 000001-07
- 001006
- 701101-05
- 701106-02
- 701400-09
- 701401-12
- 701428-01
- 701601-09
- 701901-08



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: HERVE GELIN (618) 346-3179**  
**PROJECT MANAGER: PHILLIP PETE SAWYER (618) 346-3275**  
**SQUAD LEADER: JEYCEA BOBO (618) 346-3190**  
**CONTRACT NO. 76M37**

**LOCATION 1**  
VENICE WELLS  
(IL RTE 3)

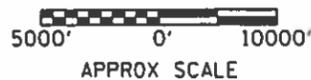
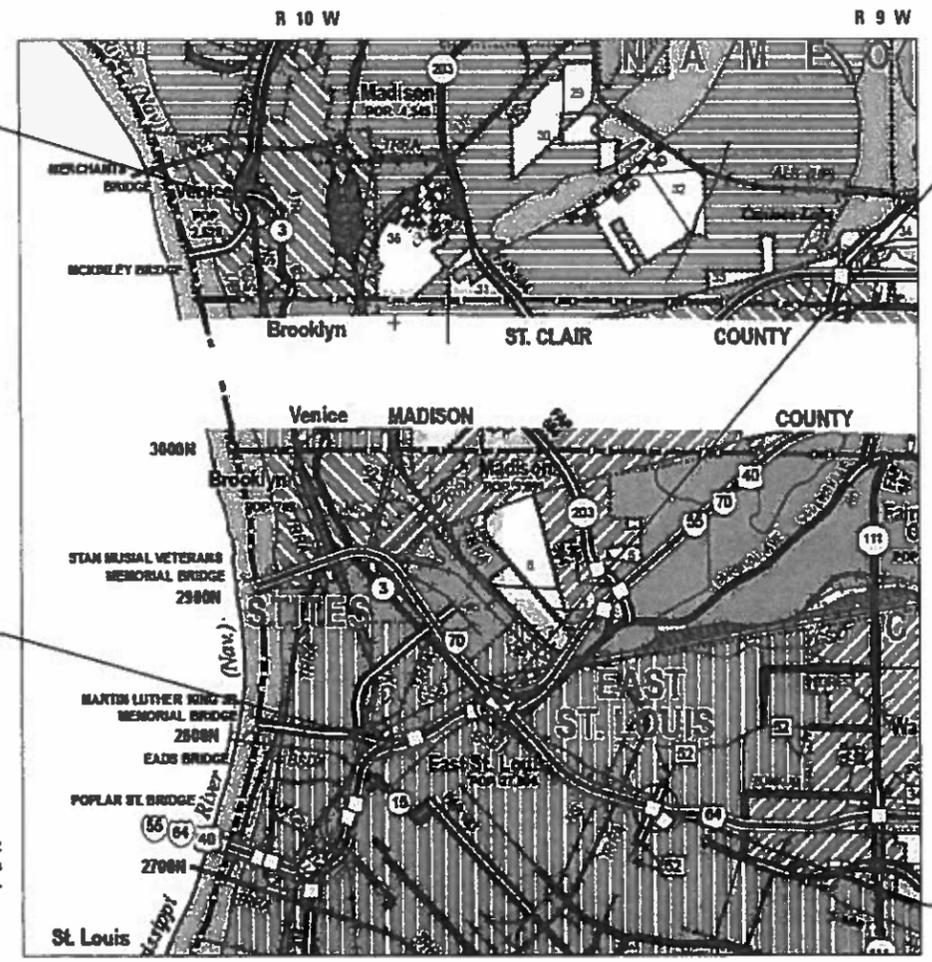
**LOCATION 1**  
LATITUDE: 38.671218  
LONGITUDE: -90.175276

**LOCATION 3**  
MISSOURI AVENUE WELLS

**LOCATION 3**  
LATITUDE: 38.828481  
LONGITUDE: -90.162238

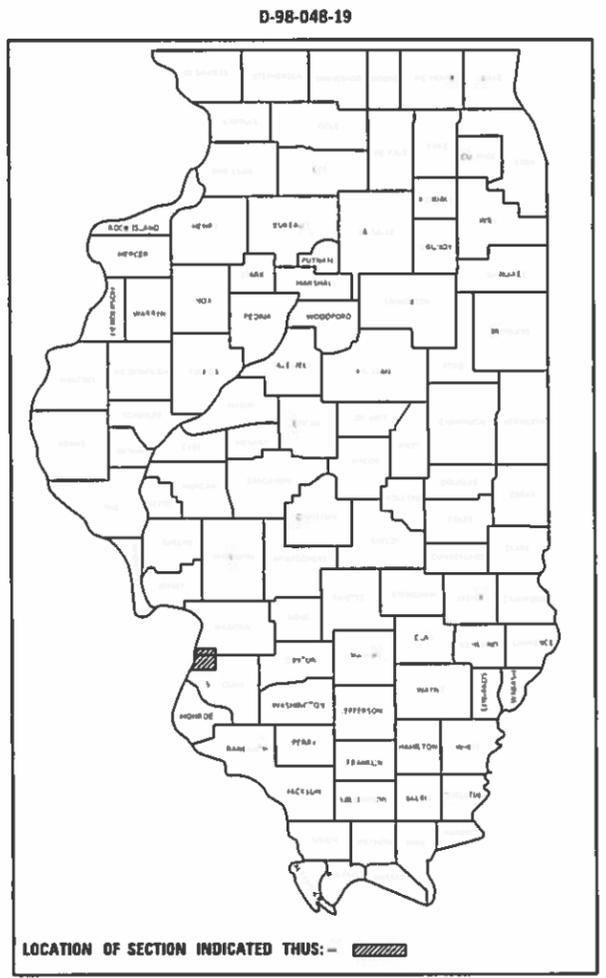
**LOCATION 2**  
TRI-LEVEL

**LOCATION 2**  
LATITUDE: 38.633623  
LONGITUDE: -90.145414



**LOCATION 4**  
25TH STREET

**LOCATION 4**  
LATITUDE: 38.623241  
LONGITUDE: -90.123331



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 10 20 19  
*Kath Roberts*  
REGIONAL ENGINEER

Aug 16 20 19  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

Aug 16 20 19  
*[Signature]*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 3

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

1. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.
2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (1-800-892-0123 OR 811) OR FOR NON-MEMBERS THE UTILITY COMPANY DIRECTLY.
3. ALL WELLS REQUIRE SEALING OF MISCELLANEOUS OPENINGS IN THE WELL HEAD TO PREVENT LEAKAGE DURING TREATMENT OPERATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN COST OF THE SPECIFIED TREATMENT METHODS.
4. THE DEPARTMENT RESERVES THE RIGHT TO NOTIFY THE CONTRACTOR TO CHANGE THE SEQUENCE OF WELL CLEANING IF NEEDED TO ENSURE PROPER DEWATERING NEEDS FOR THE DEPARTMENT. THE CONTRACTOR SHALL ALLOW 24 HOURS BETWEEN WELL TREATMENTS. THE CONTRACTOR SHALL INSTALL THE TEMPORARY DISCHARGE PIPES BACK INTO THE WELL DISCHARGE PIPES. ALL DISCHARGE WATER SHALL BE DISCHARGED INTO THE WELL FORCE MAINS.
5. 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.

FUNCTIONAL CLASSIFICATION  
URBAN MINOR ARTERIAL

LOCATION 1  
NB/SB: 2020 ADT = 6500  
S.U.=13.0% M.U.=7.9%

LOCATION 2  
SB: 2020 ADT = 34900  
S.U.=3.7% M.U.=11.1%  
NB: 2020 ADT = 35400  
S.U.=3.5% M.U.=10.4%

LOCATION 3  
WB RAMP: 2020 ADT = 30000  
S.U.=2.2% M.U.=7.3%  
EB RAMP: 2020 ADT = 30000  
S.U.=2.2% M.U.=7.3%

LOCATION 4  
NB/SB: 2020 ADT = 7400  
S.U.=4.1% M.U.=2.9%

COMMITMENTS  
NONE

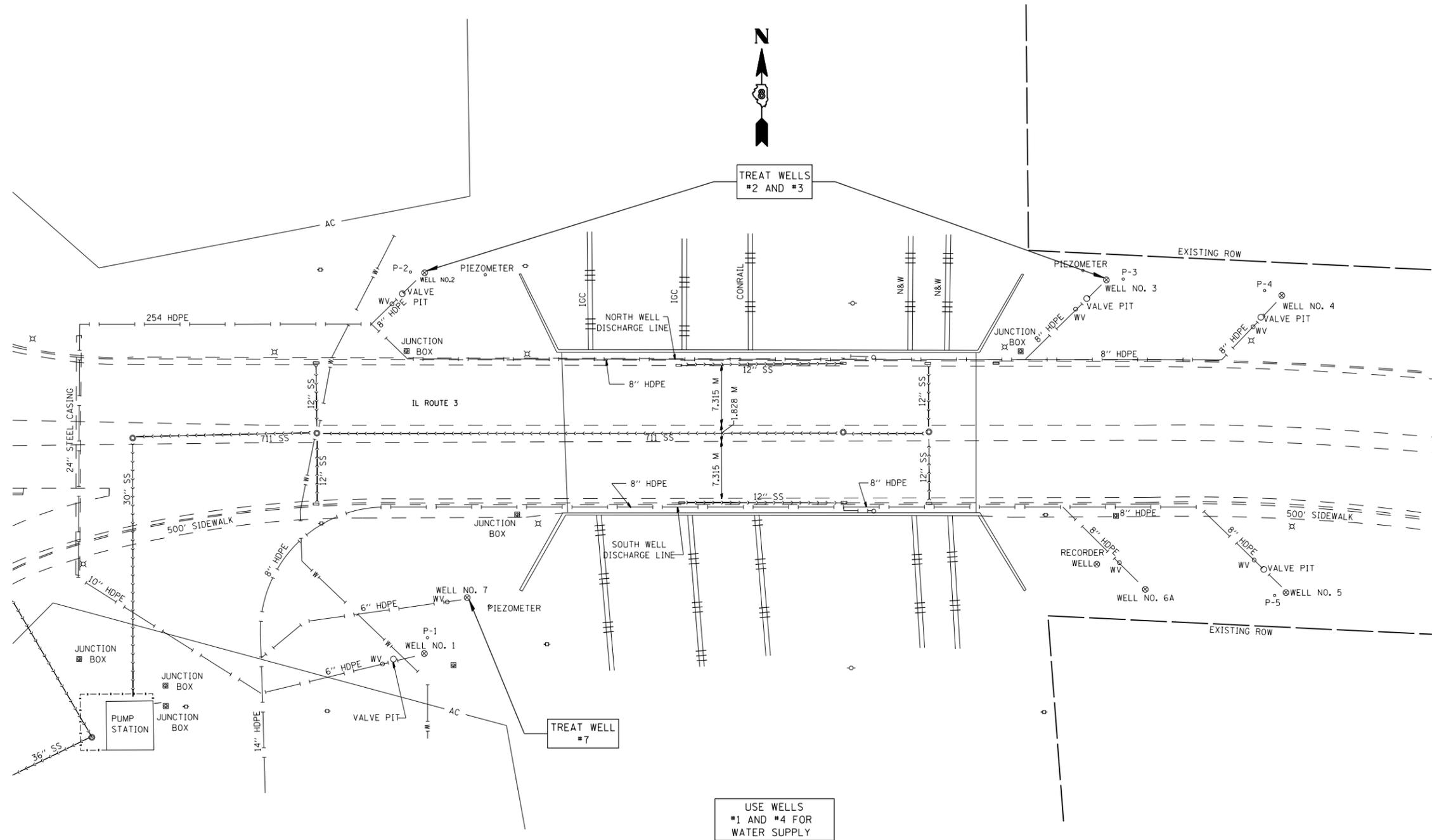
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, COMMITMENTS AND ADT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 DEEP WELLS 2020-1	ST. CLAIR	10	2
* = VARIOUS		CONTRACT NO. 76M37		
		ILLINOIS	FED. AID PROJECT	





USE WELLS #1 AND #4 FOR WATER SUPPLY

NOTE: HOSE FOR SUPPLY WATER MAY BE PLACED ON SIDE WALK WHILE IN USE, BUT MUST BE REMOVED OVER NIGHT.

LOCATION	ADDITIONAL TREATMENT NO. 1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	WELL CHEMICAL TREATMENT SPECIAL	SONAR JET TREATMENT
WELL #2	X	X	X		
WELL #3	X	X	X		
WELL #7	X	X			X

MODEL: Default  
 FILE: Model: Project\p1000000.dwg  
 PROJECT: ILLINOIS STATE HIGHWAY DEPARTMENT  
 OFFICE: DISTRICT 8  
 PROJECT: DISTRICT 8  
 SHEET: 102 OF 102 SHEETS  
 DATE: 5/28/2019

USER NAME = boboja	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/28/2019	DATE -	REVISED -

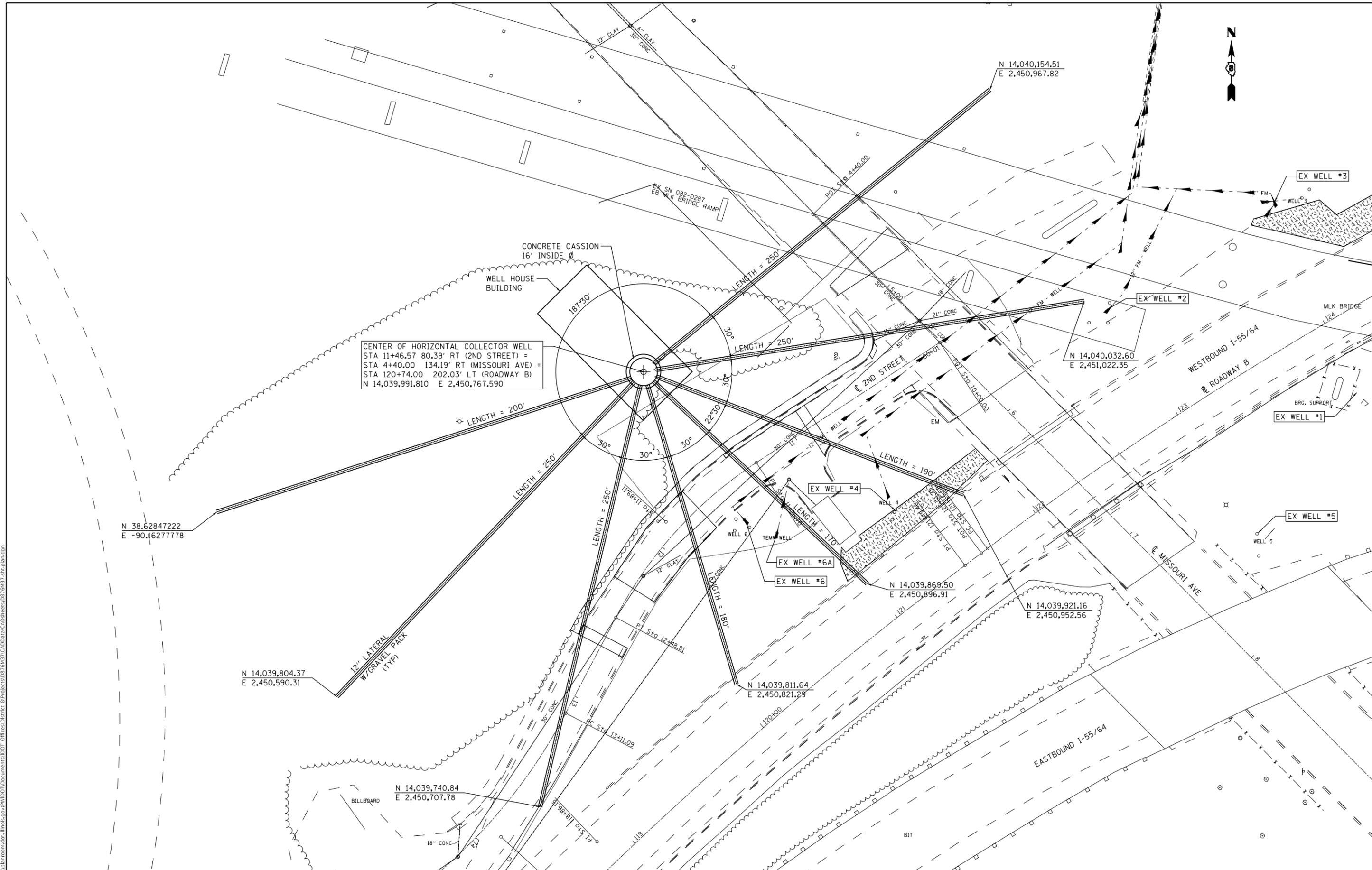
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION NO. 1: SITE PLAN  
VENICE WELLS (IL ROUTE 3)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 DEEP WELLS 2020-1	ST. CLAIR	10	4
* = VARIOUS		CONTRACT NO. 76M37		
ILLINOIS FED. AID PROJECT				





CENTER OF HORIZONTAL COLLECTOR WELL  
 STA 11+46.57 80.39' RT (2ND STREET) =  
 STA 4+40.00 134.19' RT (MISSOURI AVE) =  
 STA 120+74.00 202.03' LT (ROADWAY B)  
 N 14,039,991.81 E 2,450,767.590

N 38,62847222  
 E -90,16277778

N 14,039,804.37  
 E 2,450,590.31

N 14,039,740.84  
 E 2,450,707.78

N 14,039,869.50  
 E 2,450,896.91

N 14,039,921.16  
 E 2,450,952.56

N 14,039,811.64  
 E 2,450,821.29

N 14,040,032.60  
 E 2,451,022.35

N 14,040,154.51  
 E 2,450,967.82

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USER NAME = boboja	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/28/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

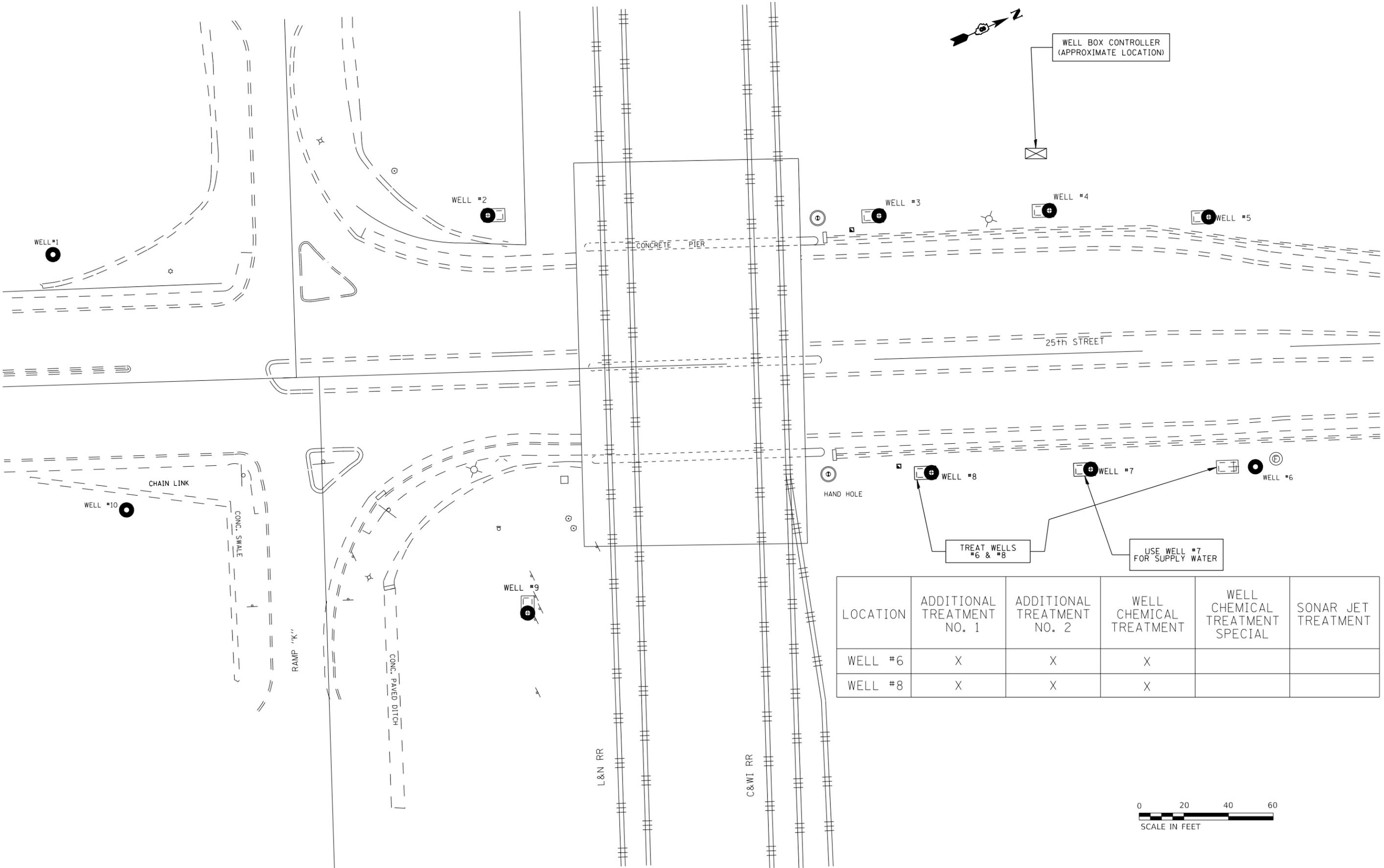
**LOCATION NO. 3: SITE PLAN  
 MISSOURI AVENUE WELLS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 DEEP WELLS 2020-1	ST. CLAIR	10	6
* = VARIOUS		CONTRACT NO. 76M37		
ILLINOIS		FED. AID PROJECT		



WELL BOX CONTROLLER  
(APPROXIMATE LOCATION)



LOCATION	ADDITIONAL TREATMENT NO. 1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	WELL CHEMICAL TREATMENT SPECIAL	SONAR JET TREATMENT
WELL #6	X	X	X		
WELL #8	X	X	X		



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USER NAME = boboja	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/28/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION NO. 4: SITE PLAN  
25TH ST. WELLS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 DEEP WELLS 2020-1	ST. CLAIR	10	7
* = VARIOUS		CONTRACT NO. 76M37		
		ILLINOIS FED. AID PROJECT		





