

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V&B	**	***	9	1

•• DIST 8 DEEP WELLS 2014-1
••• MADISON & ST. CLAIR

INDEX OF SHEETS

- 1 COVER SHEET, STANDARDS, ADT
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 LOCATION NO. 1: SITE PLAN VENICE WELLS (IL ROUTE 3)
- 5 LOCATION NO. 2: SITE PLAN TRI-LEVEL
- 6 LOCATION NO. 3: SITE PLAN MISSOURI AVENUE WELLS
- 7 LOCATION NO. 4: SITE PLAN 25TH STREET
- 8 TYPICAL WELL DETAILS LOCATION 1, 2 & 4
- 9 TYPICAL WELL DETAILS LOCATION 3

STANDARDS
701406-06
701601-08
701901-02

VARIOUS ROUTES
SECTION DIST 8 DEEP WELLS 2014-1

MADISON AND ST. CLAIR COUNTIES

C-98-076-13

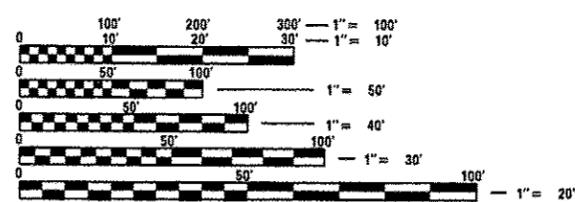


LOCATION 1
VENICE WELLS (IL RTE 3)
LOCATION 1
LATITUDE: 38.67174
LONGITUDE: -90.17479

LOCATION 3
MISSOURI AVENUE WELLS
WELL 2:
LATITUDE: 38.62861
LONGITUDE: -90.16176
WELL 4:
LATITUDE: 38.62905
LONGITUDE: -90.16117
WELL 5:
LATITUDE: 38.62855
LONGITUDE: -90.16222
WELL 6:
LATITUDE: 38.78946
LONGITUDE: -90.16568

LOCATION 4
25TH STREET
LOCATION 4
LATITUDE: 38.627812
LONGITUDE: -90.138259

LOCATION 2
TRI-LEVEL
LOCATION 2
LATITUDE: 38.6335
LONGITUDE: -90.1451

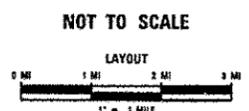


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: MIKE PRITCHETT (618)346-3180
PROJECT MANAGER: GWEN LAGEMANN (618)346-3181

CONTRACT NO. 76G75



TRAFFIC DATA:
LOCATION 1: VENICE (IL ROUTE 3) = 6,200 (2009)
LOCATION 2: TRI-LEVEL = 68,900 (2009)
ST. CLAIR AVENUE = 4,150 (2009)
RAMP C = 950 (2009)
LOCATION 3: MISSOURI AVENUE = 2,900 (2009)
LOCATION 4: 15TH STREET & 25TH STREET = 68,800 (2009)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED June 27, 2013

John D. Baranzelli PE
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Aug 16, 2013
John D. Baranzelli PE
ENGINEER OF DESIGN AND ENVIRONMENT

Aug 16, 2013
Omur Osman PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
2. 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.
3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO UTILITY BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES IN THE AREA OF THIS PROJECT ARE:

- LOCATION 1: (VENICE WELLS)
- * AMEREN IP
 - * AMEREN IP (GAS)
 - * AT&T CORPORATION
 - * AT&T ILLINOIS
 - * CENTERPOINT ENERGY
 - * CHARTER COMMUNICATIONS, INC.
 - * CONSOLIDATED COMMUNICATIONS
 - * EXPLORER PIPELINE COMPANY
 - * ILLINOIS AMERICAN WATER CO.
 - * LEVEL 3 COMMUNICATIONS
 - * MCLEOD USE TELECOMMUNICATIONS, INC.
 - * NETWORKS, 360
 - * QWEST COMMUNICATIONS
 - * SPRINT COMMUNICATIONS CO.
 - * VERIZON BUSINESS

- LOCATION 2: (TRI-LEVEL WELLS)
- * AMEREN IP
 - * AMEREN-UE
 - * AT&T ILLINOIS
 - * CITY OF EAST ST. LOUIS
 - * ILLINOIS AMERICAN WATER CO.
 - * MCLEOD USA TELECOMMUNICATIONS, INC.
 - * QWEST COMMUNICATIONS

- LOCATION 3: (MISSOURI AVE WELLS)
- * AMEREN IP
 - * AMEREN-UE
 - * AT&T ILLINOIS
 - * CHARTER COMMUNICATIONS, INC.
 - * CITY OF EAST ST. LOUIS
 - * ILLINOIS AMERICAN WATER CO.
 - * LEVEL 3 COMMUNICATIONS, LLC
 - * LIGHTCORE
 - * MCLEOD USA TELECOMMUNICATIONS, INC.
 - * NETWORKS, 360
 - * QWEST COMMUNICATIONS
 - * VERIZON BUSINESS

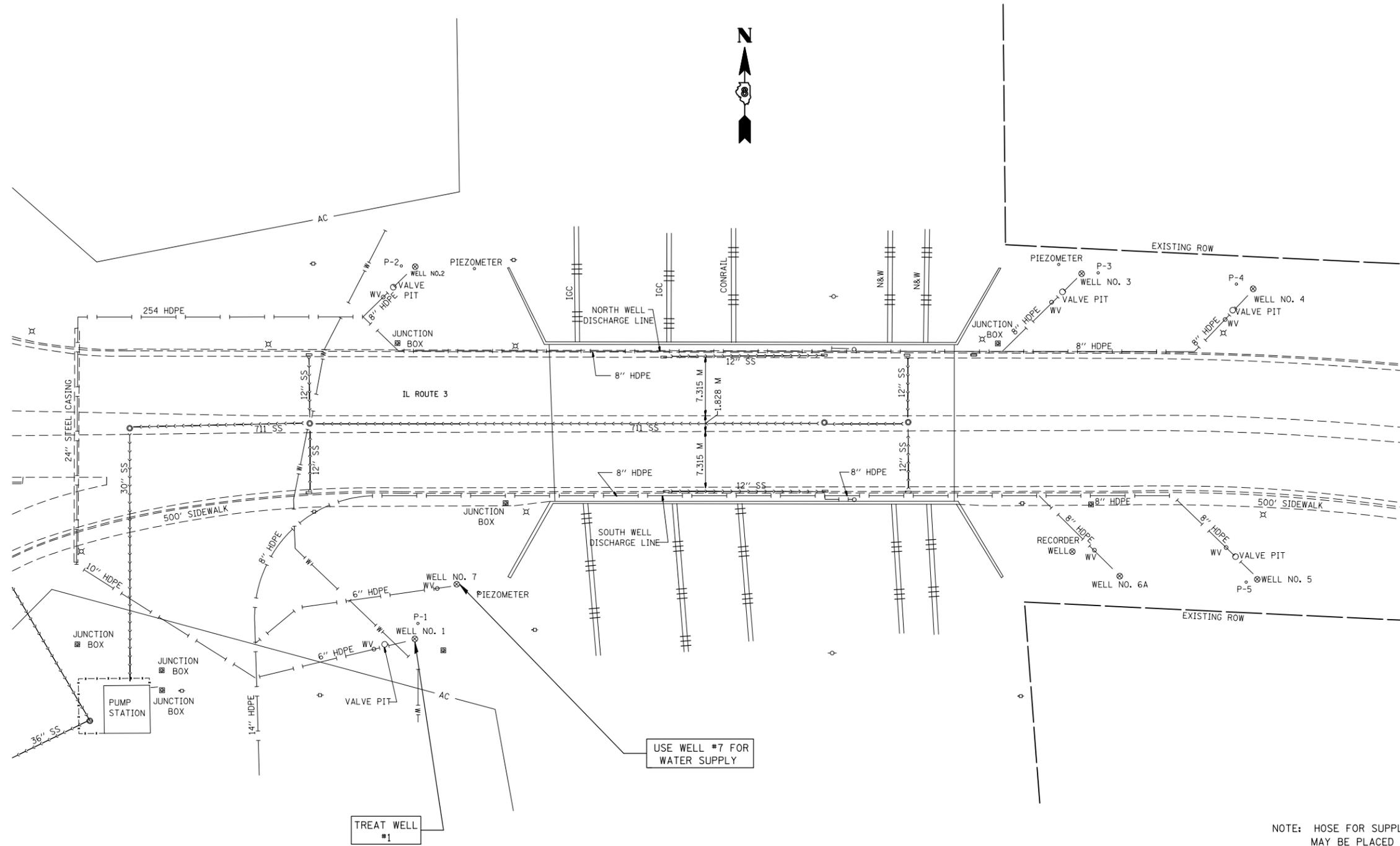
- LOCATION 4: (25TH ST. WELLS)
- * AMEREN IP
 - * AMEREN-UE
 - * AT&T ILLINOIS
 - * CITY OF EAST ST. LOUIS
 - * ILLINOIS AMERICAN WATER CO.
 - * MCLEOD USA TELECOMMUNICATIONS, INC.
 - * QWEST COMMUNICATIONS

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY).

4. ALL WELLS REQUIRE SEALING OF MISCELLANIOUS 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.
5. 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 WALL FORCE MAINS.
6. 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.

** DIST 8 DEEP WELLS 2013-1
 *** MADISON & ST. CLAIR

FILE NAME =	USER NAME = milleraj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 6/27/2013	DATE -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



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

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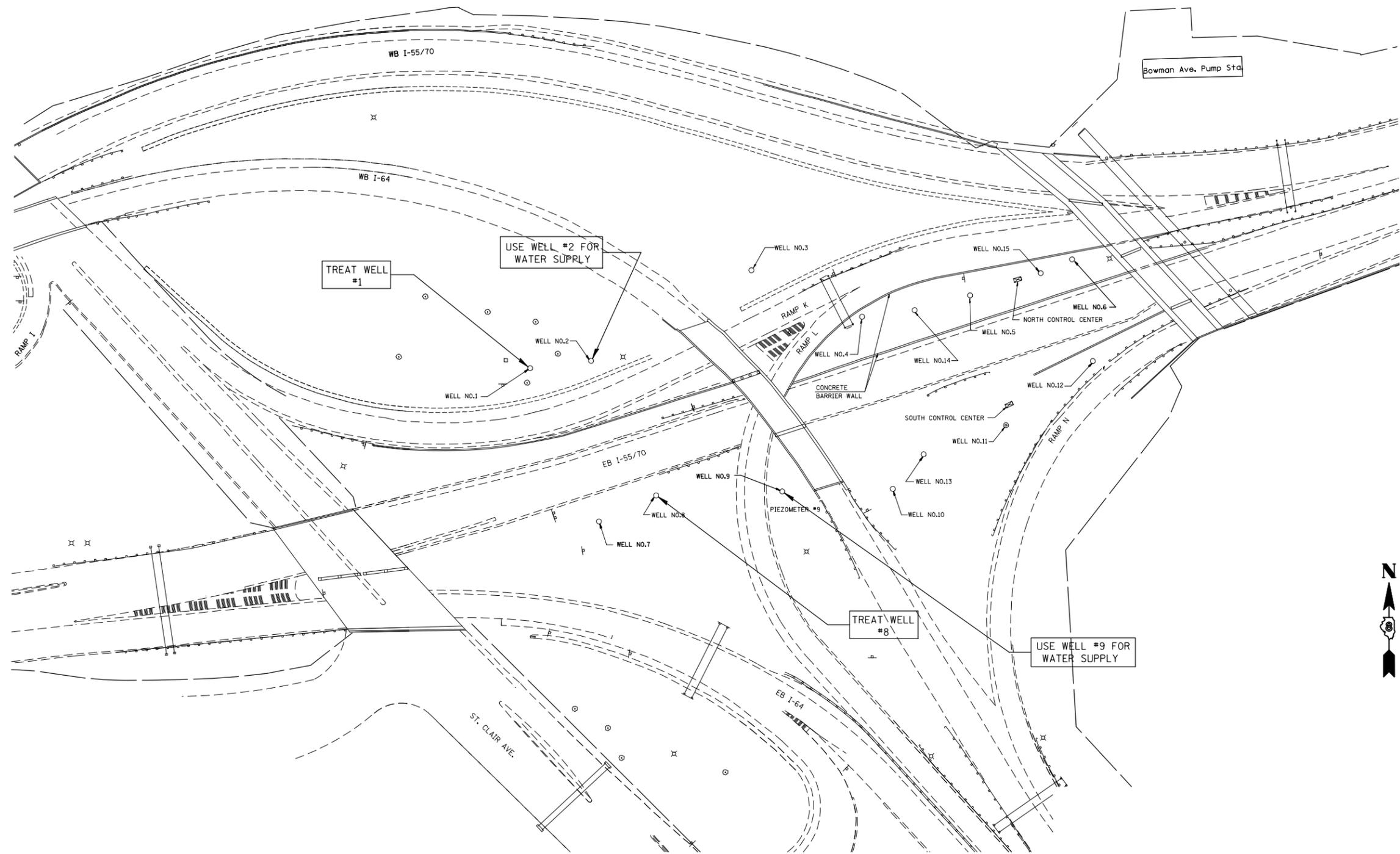
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 1 SITE PLAN VENICE WELLS (IL RTE 3)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	**	...	9	4
CONTRACT NO. 76G75				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

** DIST 8 DEEP WELLS 2014-1
*** MADISON & ST. CLAIR



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

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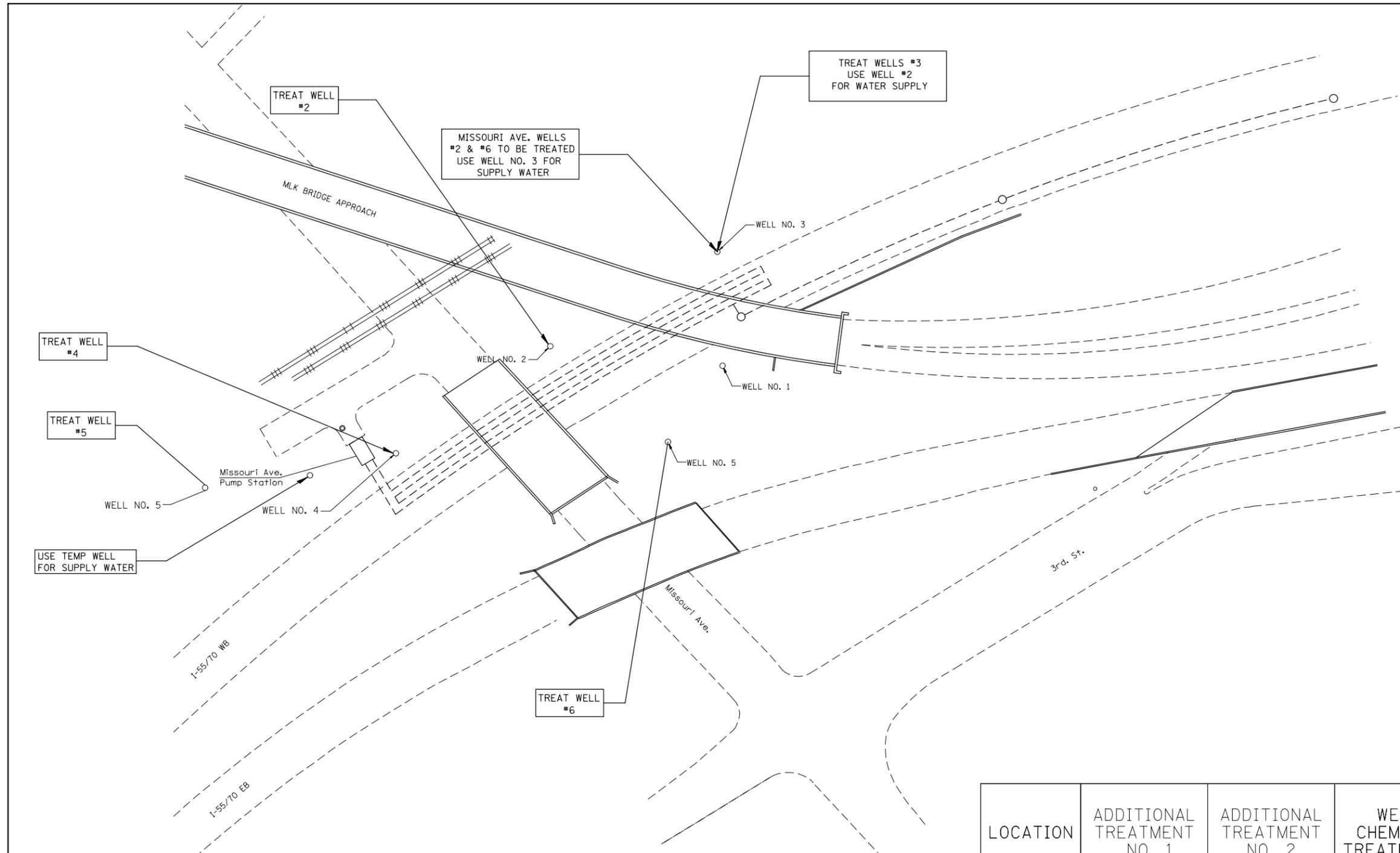
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 2 SITE PLAN TRI-LEVEL WELLS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	9	5
CONTRACT NO. 76G75				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

** DIST 8 DEEP WELLS 2014-1
*** MADISON & ST. CLAIR

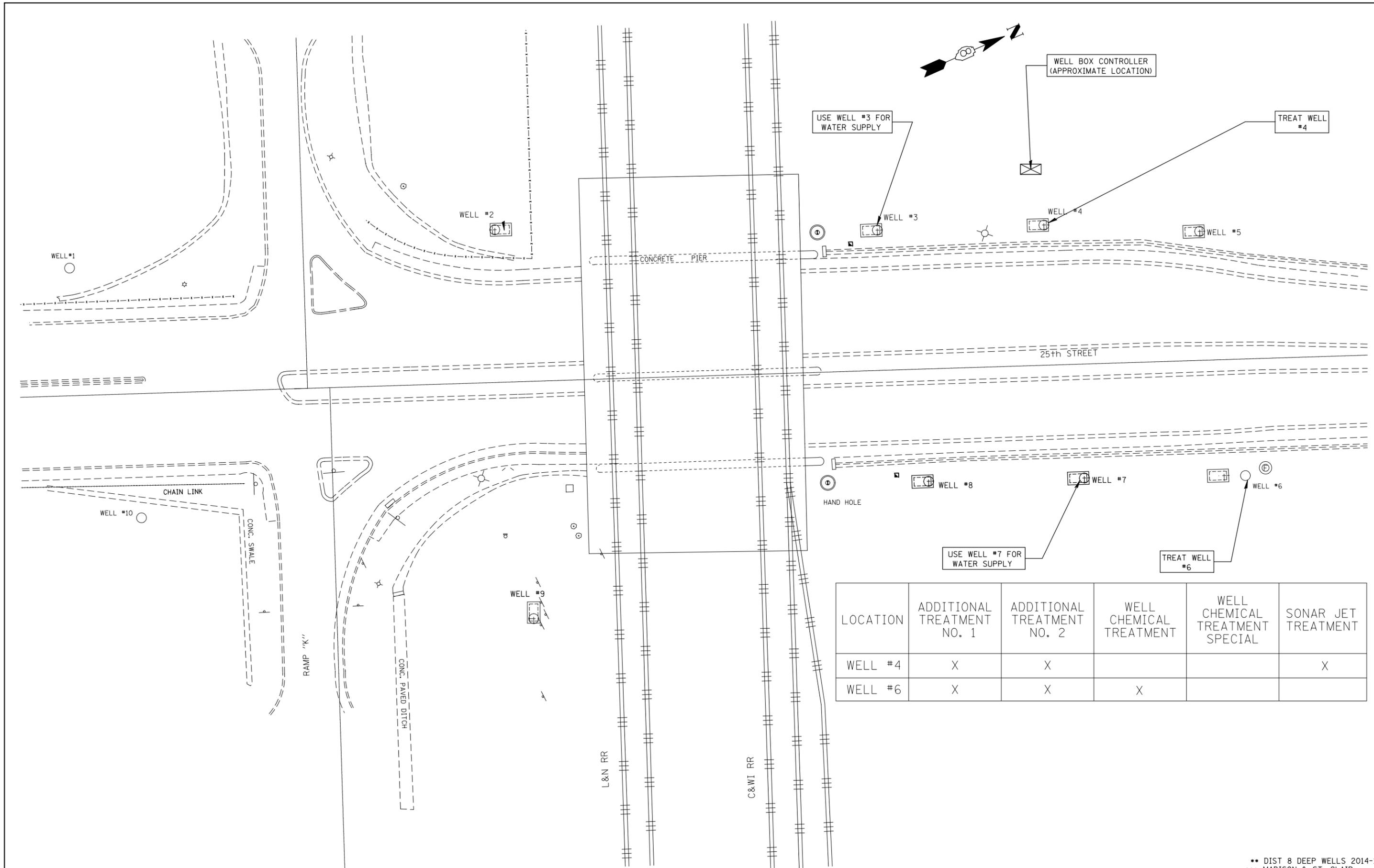


NOTES: 1. WELL CHEMICAL TREATMENT SPECIAL, SHALL BE USED AT MISSOURI AVE. WELL NO. 4.

LOCATION	ADDITIONAL TREATMENT NO. 1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	SONAR JET TREATMENT	WELL CHEMICAL TREATMENT SPECIAL
WELL #2	X	X	X		
WELL #3	X	X	X		
WELL #4	X	X			X
WELL #5	X	X	X		
WELL #6	X	X		X	

•• DIST 8 DEEP WELLS 2014-1
 ••• MADISON & ST. CLAIR

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PLOT DATE = 6/27/2013	DATE -	REVISED -	SCALE:			SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 76G75		
						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT				



LOCATION	ADDITIONAL TREATMENT NO. 1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	WELL CHEMICAL TREATMENT SPECIAL	SONAR JET TREATMENT
WELL #4	X	X			X
WELL #6	X	X	X		

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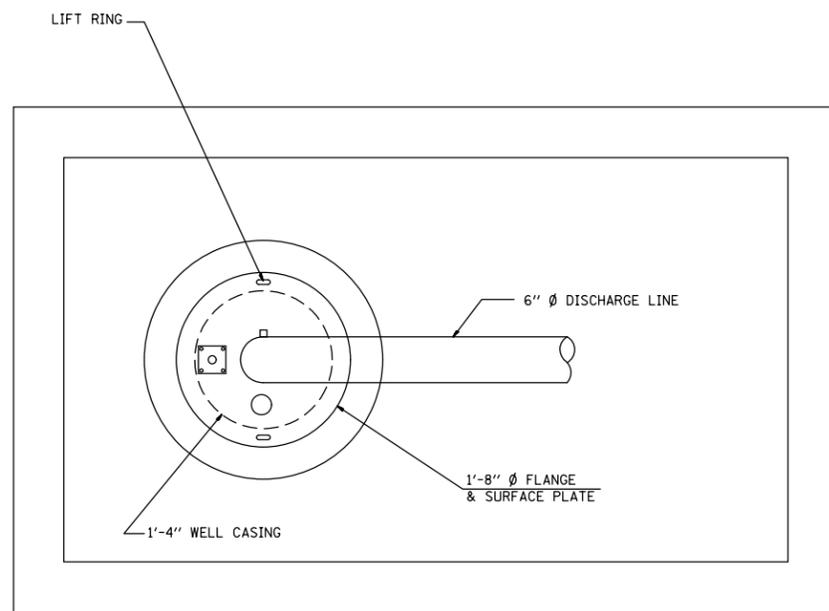
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 4 SITE PLAN 25th STREET WELLS

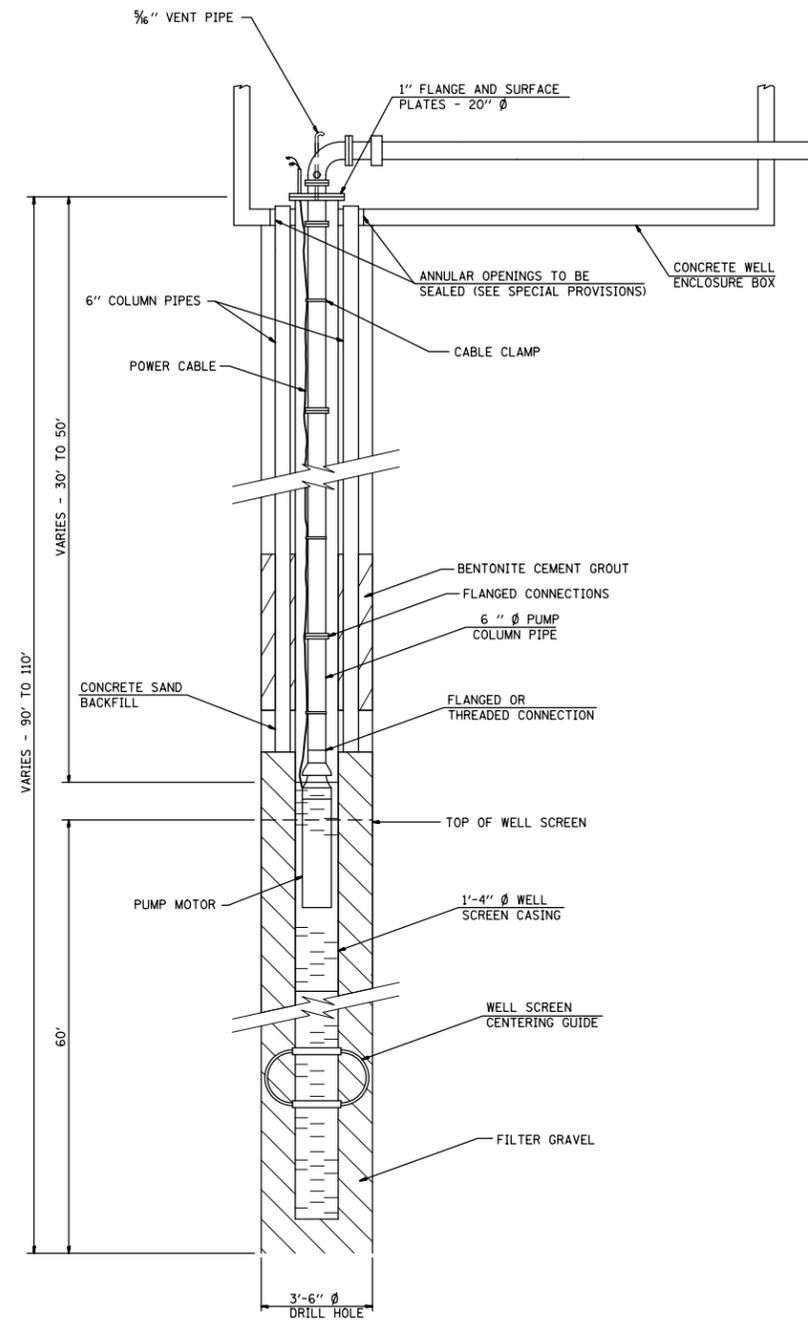
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	9	7
CONTRACT NO. 76G75				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

** DIST 8 DEEP WELLS 2014-1
*** MADISON & ST. CLAIR



WELL HEAD DETAIL



EXISTING

NOT TO SCALE

•• DIST 8 DEEP WELLS 2014-1
 ••• MADISON & ST. CLAIR

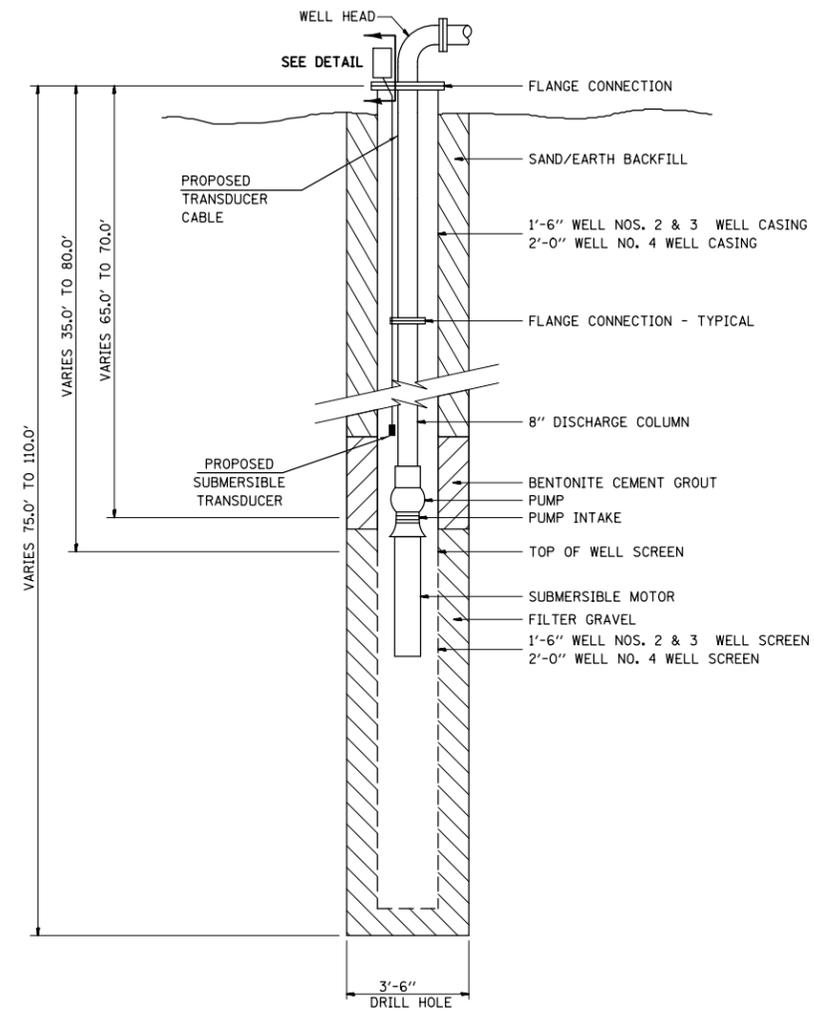
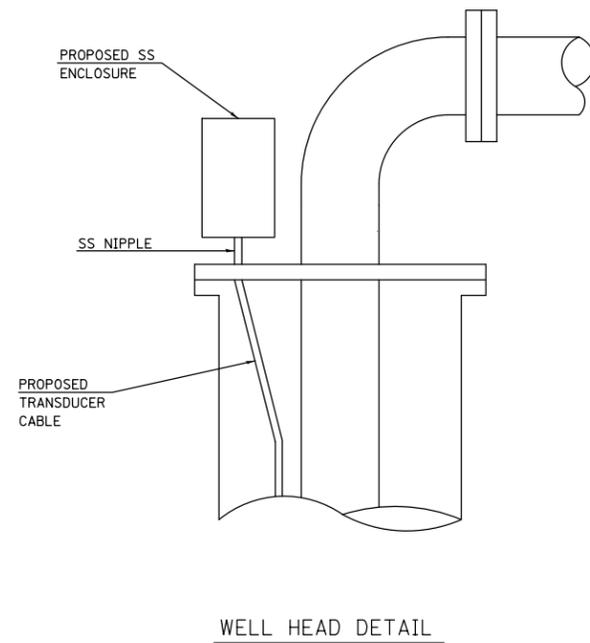
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL WELL DETAILS LOCATION 1, 2 & 4

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	••	•••	9	8
CONTRACT NO. 76G75			ILLINOIS FED. AID PROJECT	



NOT TO SCALE

•• DIST 8 DEEP WELLS 2014-1
 ••• MADISON & ST. CLAIR

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	PLOT DATE = 6/27/2013	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL WELL DETAILS LOCATION 3

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	••	•••	9	9
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G75	