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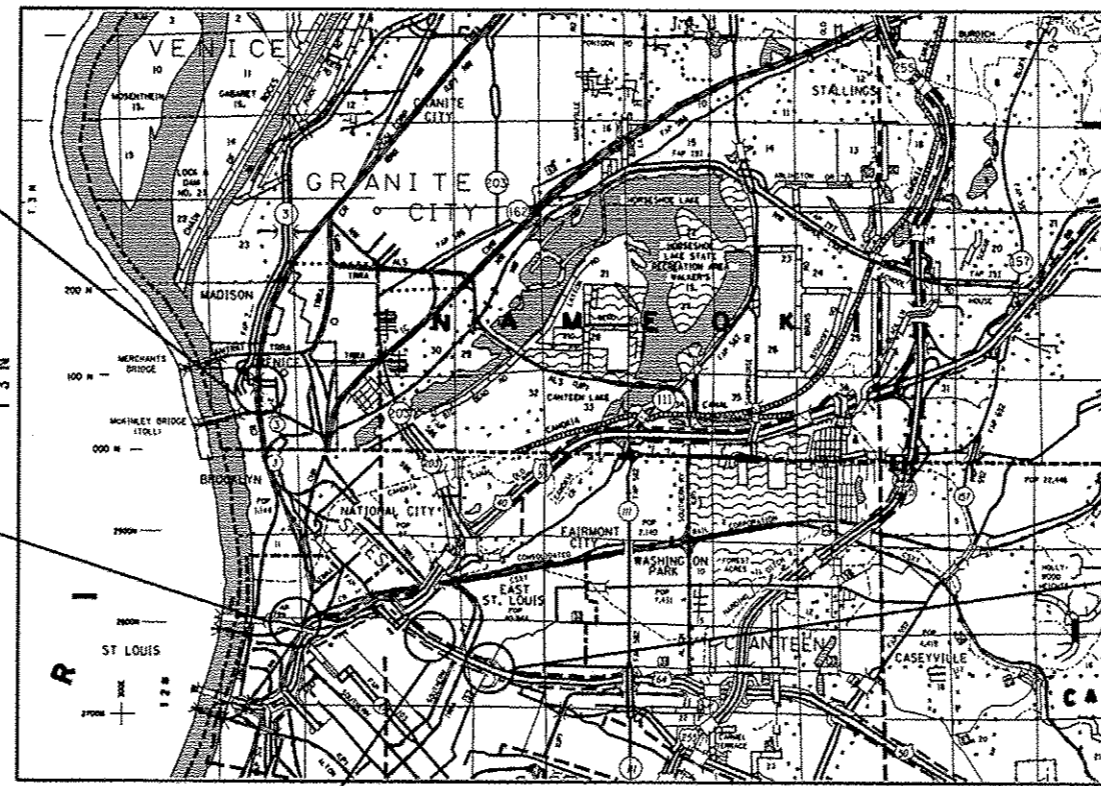
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

VARIOUS ROUTES
 SECTION DIST 8 DEEP WELLS 2016-1
 MADISON AND ST. CLAIR COUNTIES

C-98-059-15

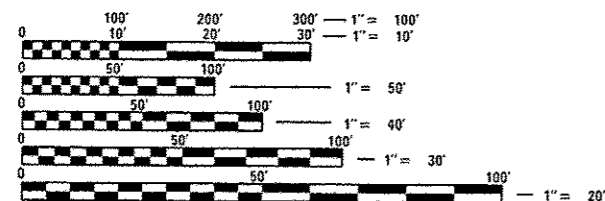


LOCATION 1
 VENICE WELLS (IL RTE 3)
 LOCATION 1
 LATITUDE: 38.67174
 LONGITUDE: -90.17479

LOCATION 3
 MISSOURI AVENUE WELLS
 LOCATION 3
 WELL 2:
 LATITUDE: 38.62881
 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
 15TH ST. WELLS
 LOCATION 2
 LATITUDE: 38.6335
 LONGITUDE: -90.1451

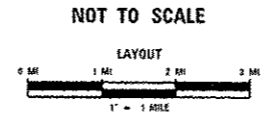


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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. 76J09



TRAFFIC DATA:
 LOCATION 1: VENICE (IL ROUTE 3) = 6,200 (2015)
 LOCATION 2: 15TH ST. = 68,900 (2015)
 ST. CLAIR AVENUE = 4,150 (2015)
 RAMP C = 950 (2015)
 LOCATION 3: MISSOURI AVENUE = 2,900 (2015)
 LOCATION 4: 15TH STREET & 25TH STREET = 68,800 (2015)

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED July 2 2015
 [Signature] Deputy Director of Highways, Region 5 Engineer
 Aug 14 2015
 [Signature] Engineer of Design and Environment
 Aug 14 2015
 [Signature] Director of Highways, Chief Engineer

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 OF THE STATE OF ILLINOIS

GENERAL NOTES

STANDARDS

701400-08
701406-09
701428
701601-09
701901-04

APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
LANE CLOSURES FREEWAY/EXPRESSWAY, DAY OPERATION ONLY
TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
TRAFFIC CONTROL DEVICES

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: (15TH ST. 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

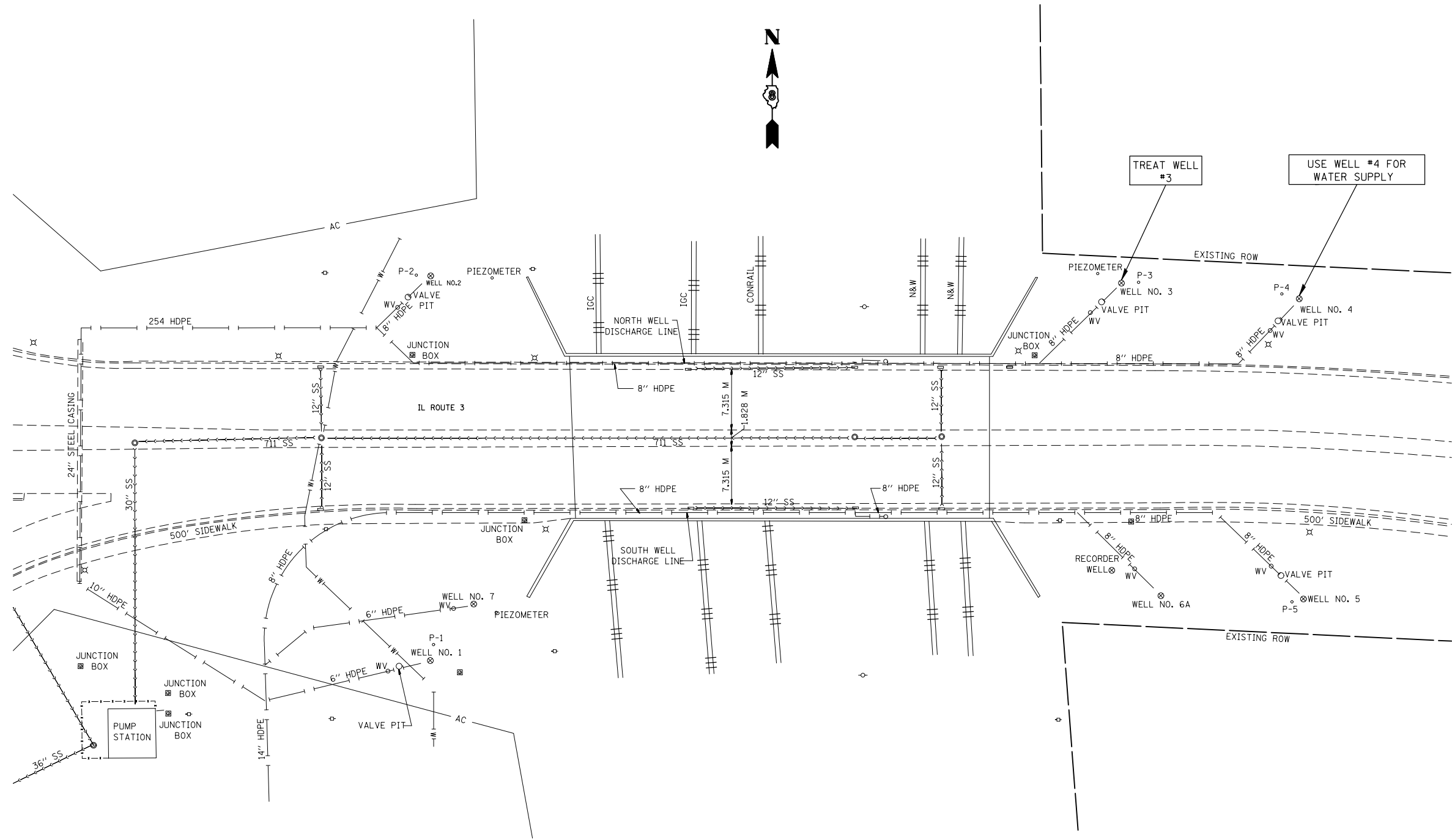
(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY).

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 INCOST 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.

REV.

** DIST 8 DEEP WELLS 2016-1
*** 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.	
o:\p\work\p\p\dot\milleraj\0437824\08	WJ9-eh-tr-plan.dgn	DRAWN -	REVISED -			VAR	**	***	9	2	
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 76J09					
	PLOT DATE = 8/23/2015	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.



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 #3	X	X	X		

•• DIST 8 DEEP WELLS 2016-1
 ••• MADISON & ST. CLAIR

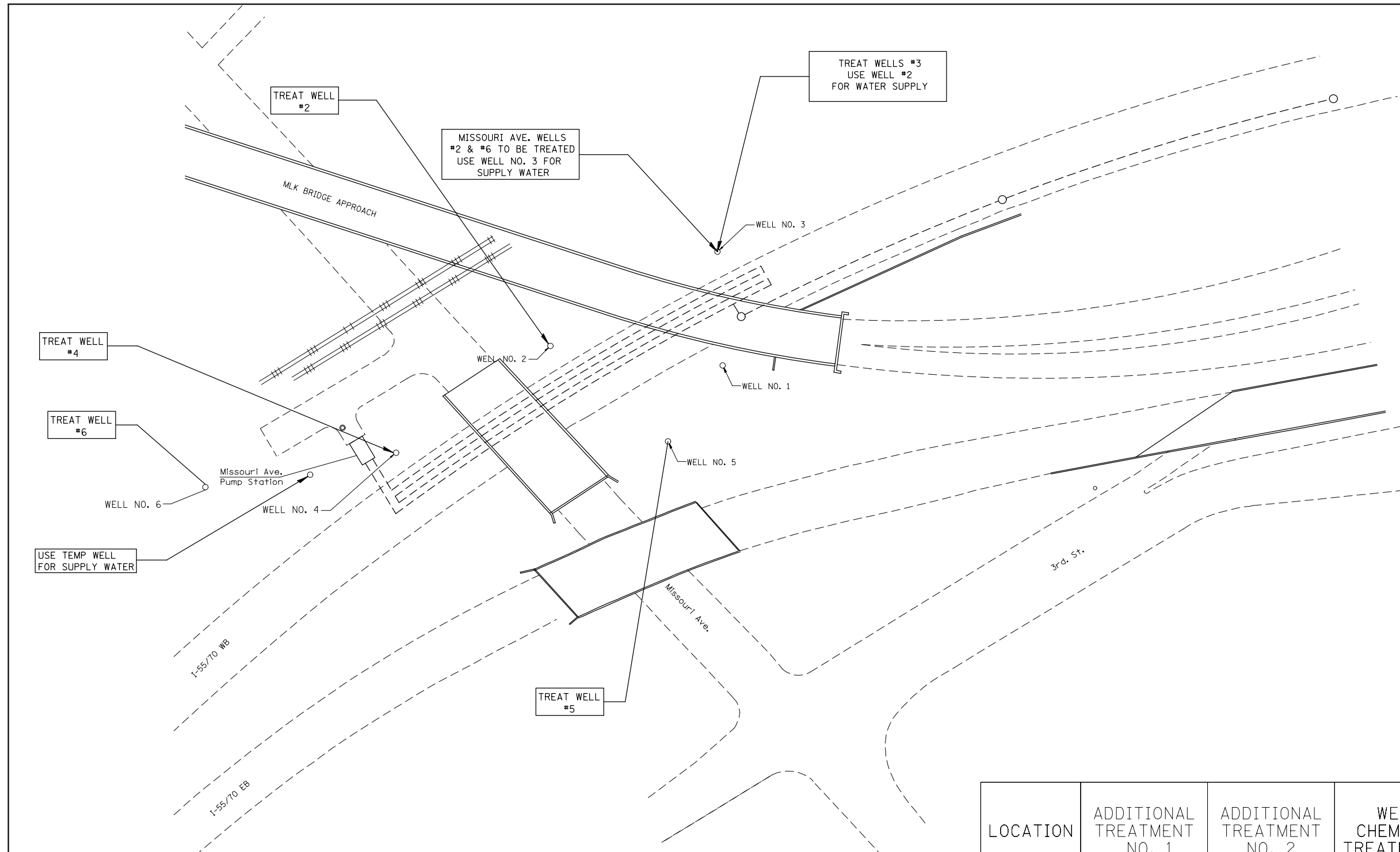
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	PLOT DATE = 7/2/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION 1 SITE PLAN VENICE WELLS (IL RTE 3)

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

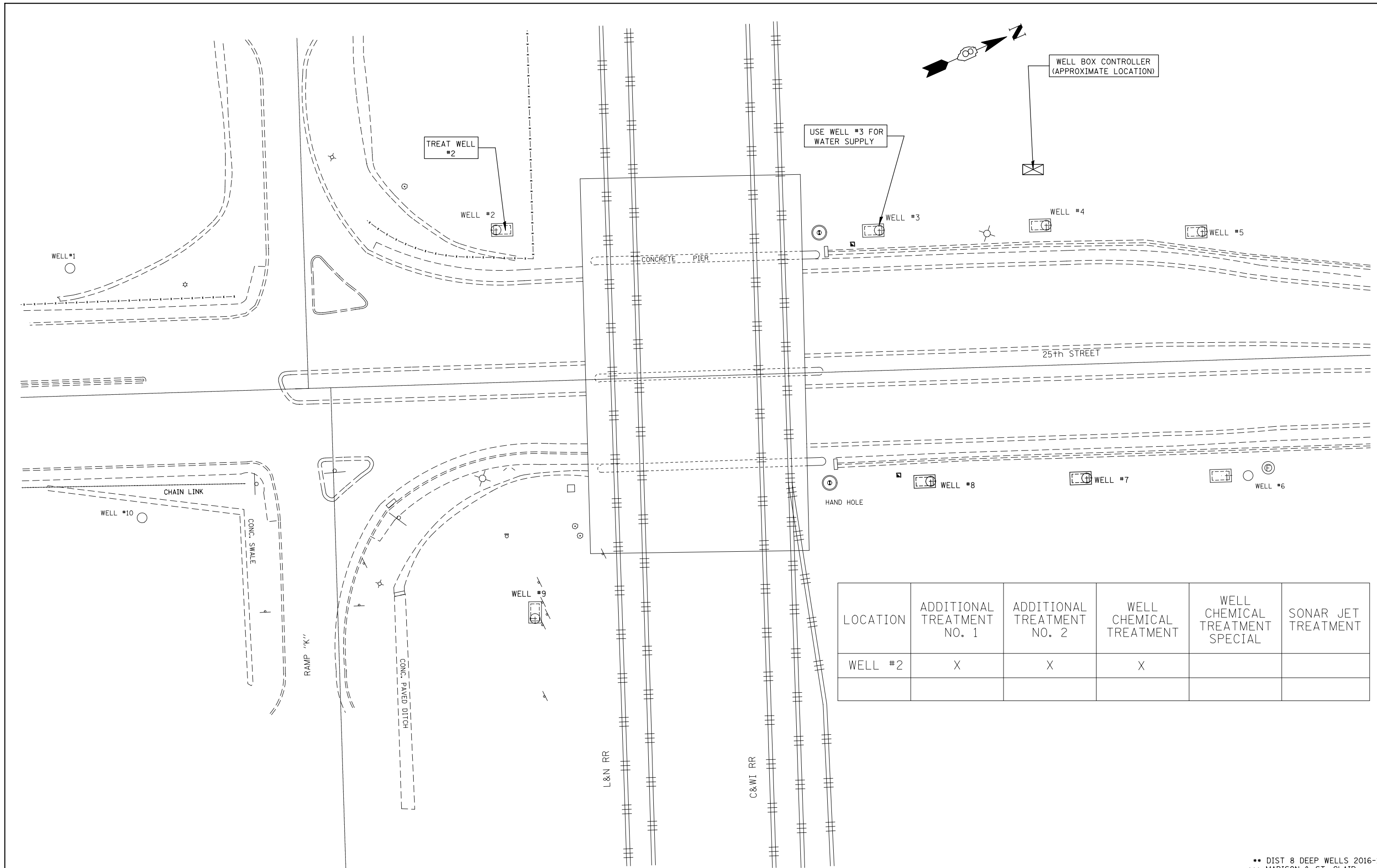
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	••	•••	9	4
CONTRACT NO. 76J09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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 2016-1
 ••• MADISON & ST. CLAIR



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

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	PLOT DATE = 7/2/2015	DATE -	REVISED -

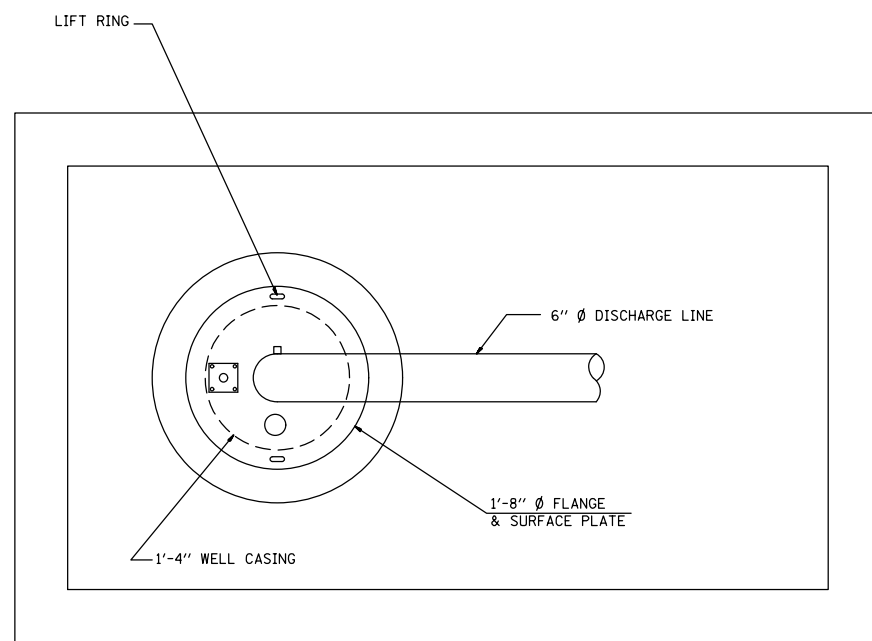
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 4 SITE PLAN 25th STREET WELLS

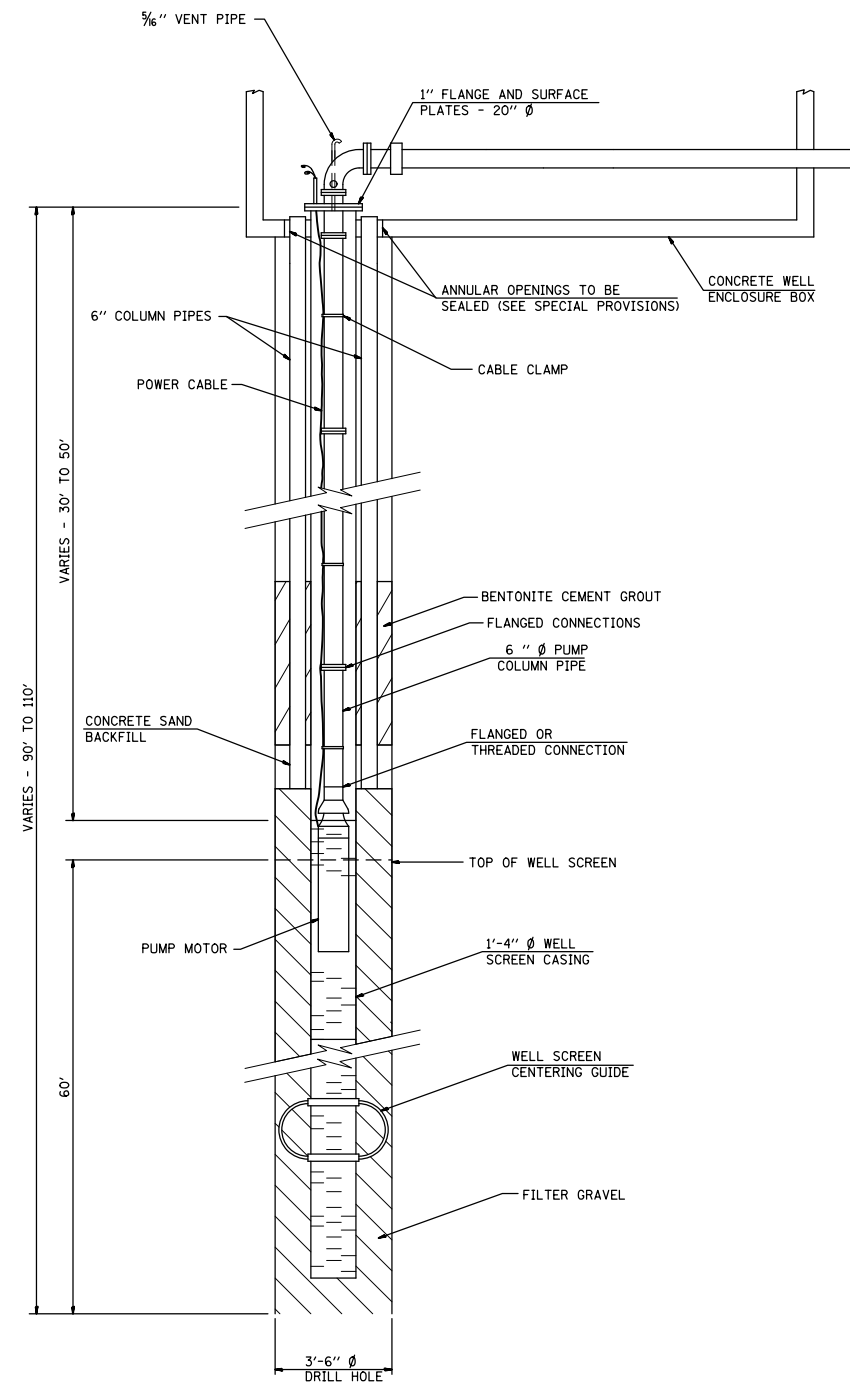
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	9	7
CONTRACT NO. 76J09				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

** DIST 8 DEEP WELLS 2016-1
*** MADISON & ST. CLAIR



WELL HEAD DETAIL



EXISTING

NOT TO SCALE

•• DIST 8 DEEP WELLS 2016-1
 ••• MADISON & ST. CLAIR

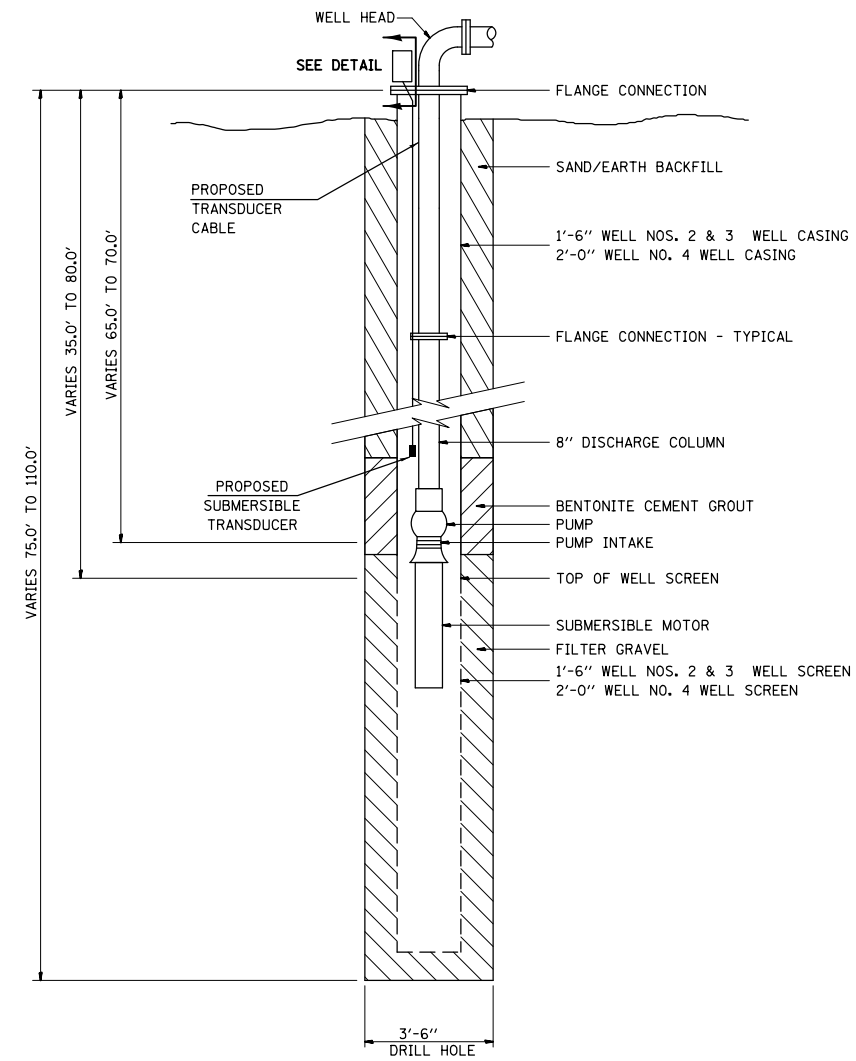
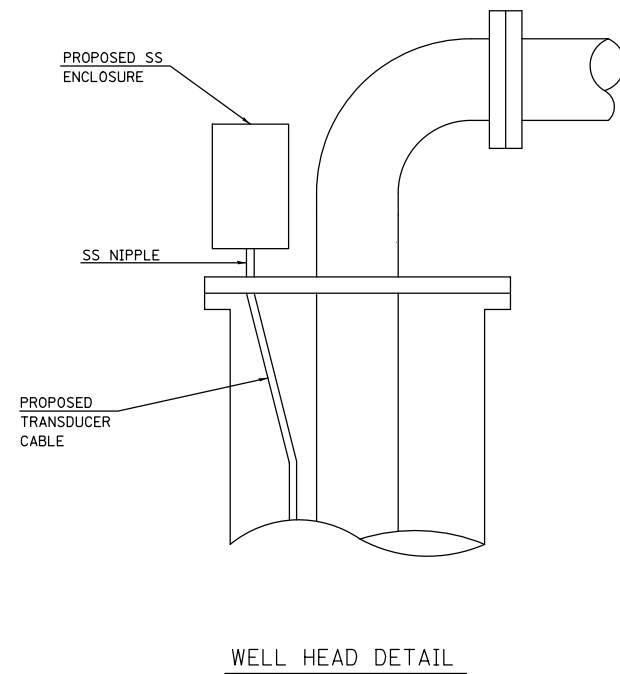
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PLOT DATE = 7/2/2015		DATE -	REVISÉ -

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
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 76J09	



NOT TO SCALE

•• DIST 8 DEEP WELLS 2016-1
 ••• MADISON & ST. CLAIR

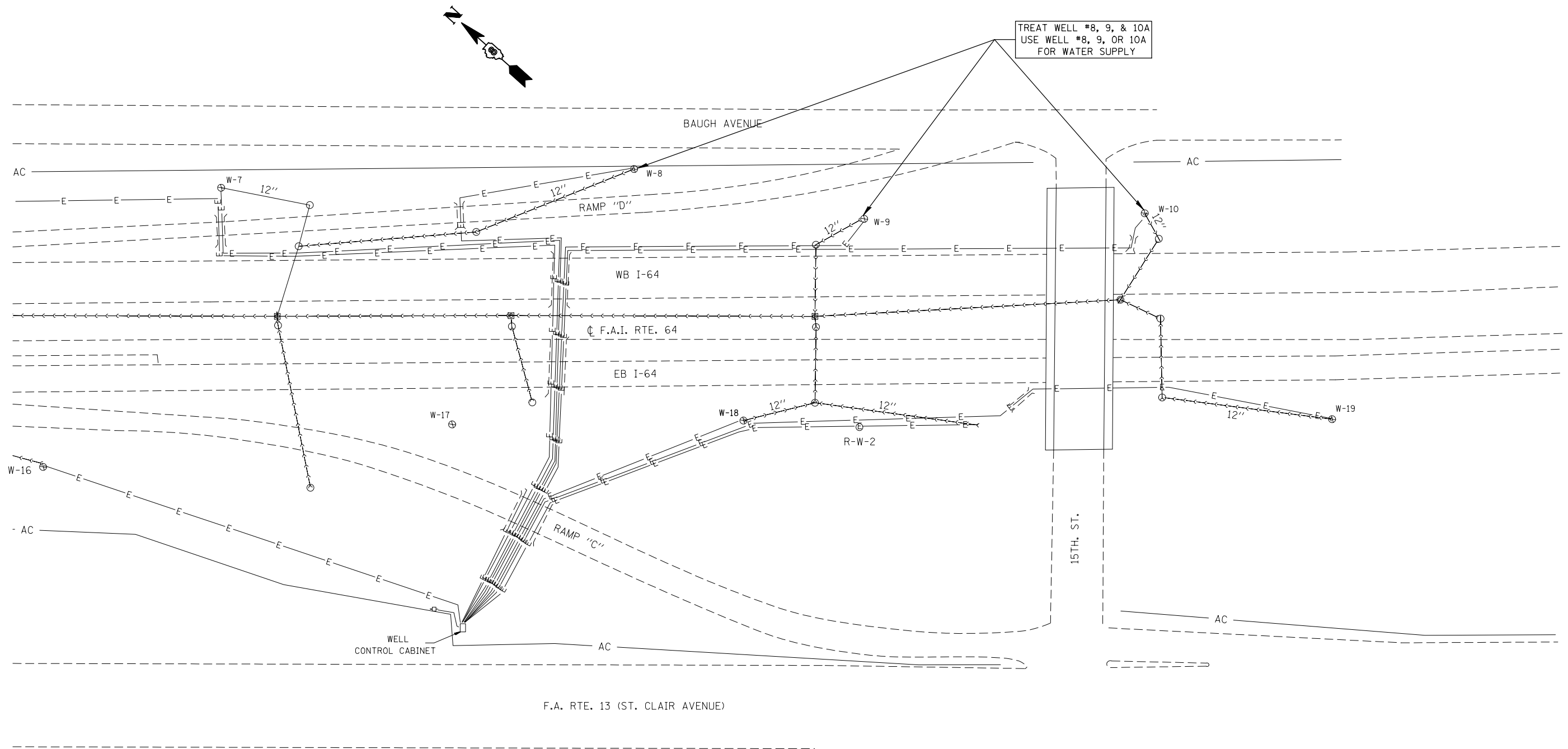
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PLOT DATE = 7/2/2015		DATE -	REVISER -

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. 76J09	



LOCATION	ADDITIONAL TREATMENT NO.1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	SONAR JET TREATMENT	WELL CHEMICAL TREATMENT SPECIAL
WELL #8	X	X	X		
WELL #9	X	X	X		
WELL #10A	X	X		X	

•• DIST 8 DEEP WELLS 2016-1
 ••• MADISON & ST. CLAIR

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION 2 SITE PLAN 15TH STREET WELLS				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	••	•••	9	5
CONTRACT NO. 76J09				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		