

09-21-12 LETTING ITEM 057

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STANDARDS

- 701601-07
- 701901-02
- 701404-06

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS  
**PROPOSED  
HIGHWAY PLANS**

VARIOUS ROUTES  
SECTION DIST 8 DEEP WELLS 2013-1

MADISON AND ST. CLAIR COUNTIES

C-98-093-12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V88	**	***	9	1

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

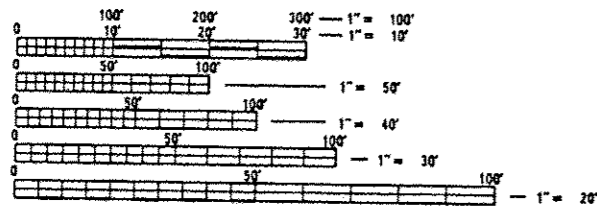


LOCATION 1  
VENICE WELLS (IL RTE 3)  
LOCATION 1  
LATITUDE: 38.67174  
LONGITUDE: -90.17479

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: 38.62858  
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 STREET  
LOCATION 2  
LATITUDE: 38.6339  
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: PATTI LEBEAU (618)346-3179  
PROJECT MANAGER: BILLIE OWEN (618)346-3186

CONTRACT NO. 76G01

TRAFFIC DATA:  
LOCATION 1: VENICE (IL ROUTE 3) = 6,200 (2009)  
LOCATION 2: 15TH STREET = 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 = 68,600 (2009)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *July 30, 2012* 2012  
*James J. [Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

*August 17, 2012*  
*John D. Baranzelli P.E. /sr*  
acting ENGINEER OF DESIGN AND ENVIRONMENT

*August 17, 2012*  
*William R. Frey /sr*  
acting 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

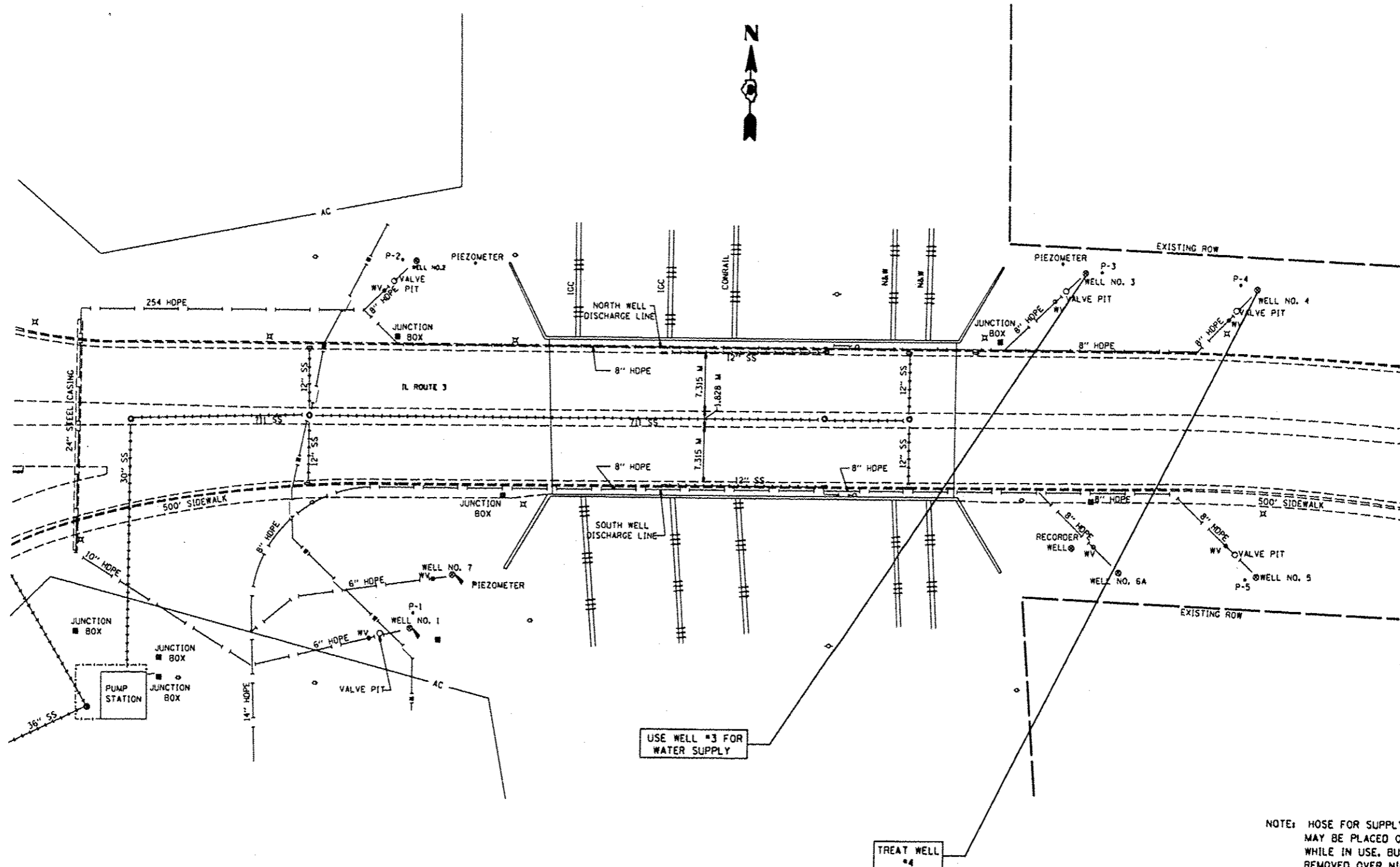
(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY •. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY).

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 -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE * 6/29/2012	DATE -	REVISED -							
						SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____	TO STA. _____	CONTRACT NO. 16601
						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		

FILE NAME	USER NAME	DESIGNED	REVISED
dl:\work\p1d01\millerj\0271218\087	millerj		
	F12:shp\plan.dgn	DRAWN	REVISED
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	PLOT DATE = 6/22/2012	DATE	REVISED

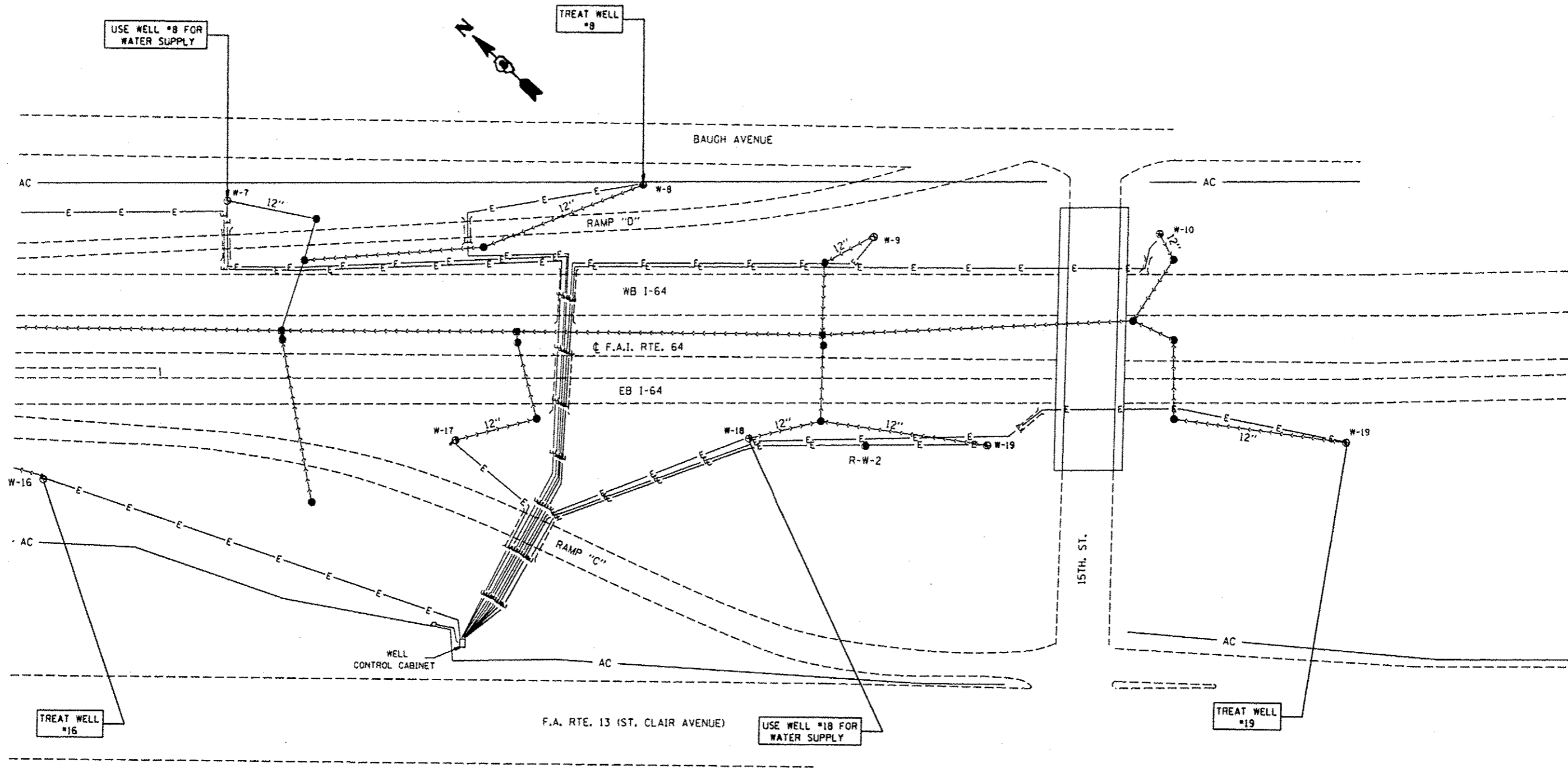
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.B. RTR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
YAB	22	222	9	4
CONTRACT NO. 16G01				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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



LOCATION	ADDITIONAL TREATMENT NO.1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	WELL CHEMICAL TREATMENT SPECIAL	SONAR JET TREATMENT
WELL #16	X	X	X		
WELL #19	X	X	X		

FILE NAME	USER NAME	DESIGNED	REVISED
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PLOT SCALE	CHECKED	DATE	REVISED
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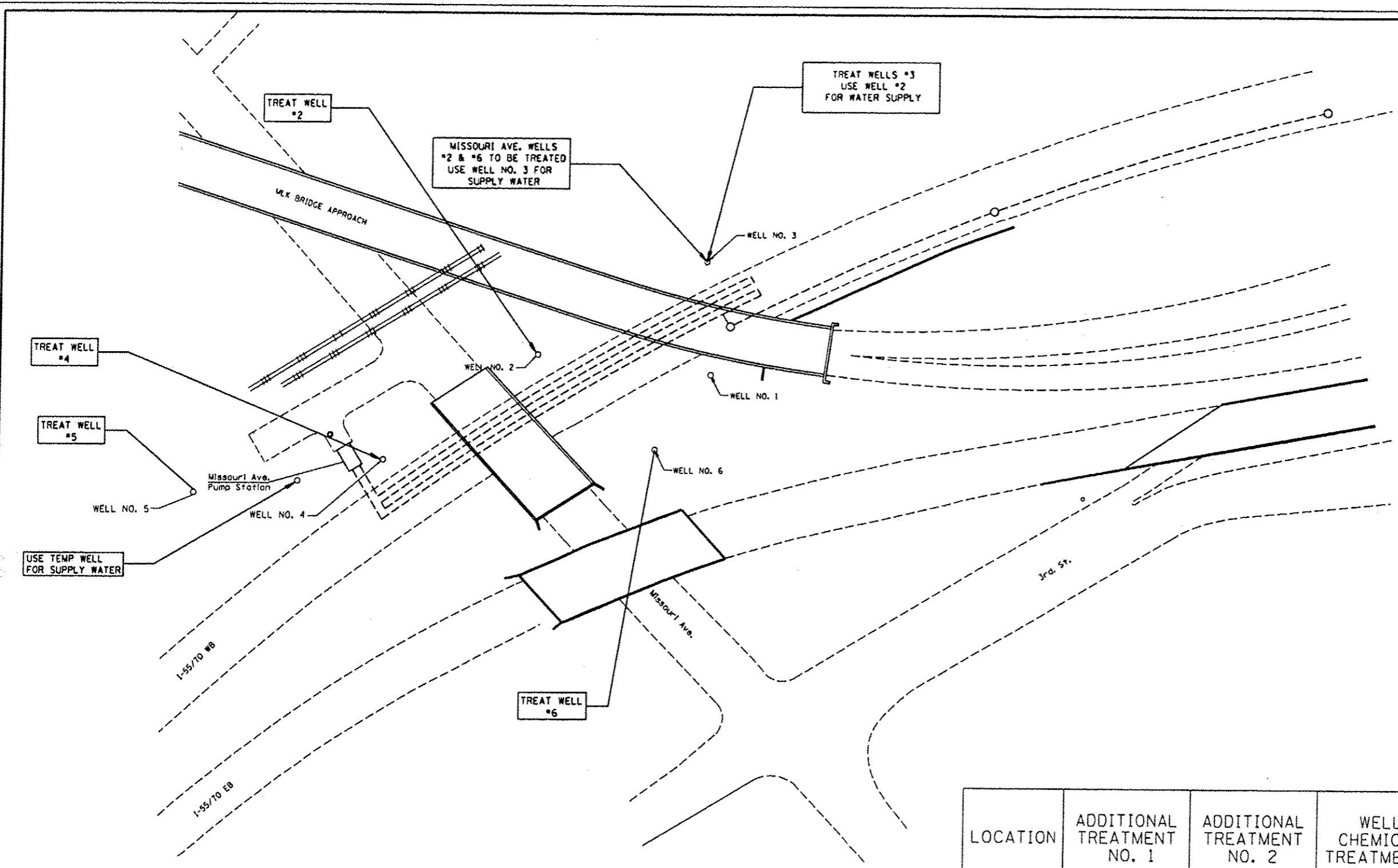
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION 2 SITE PLAN 15TH STREET WELLS**

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

F.A.E. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Y08	02	003	9	5
FED. ROAD DIST. NO. . ILLINOIS FED. AID PROJECT				
CONTRACT NO. 16001				

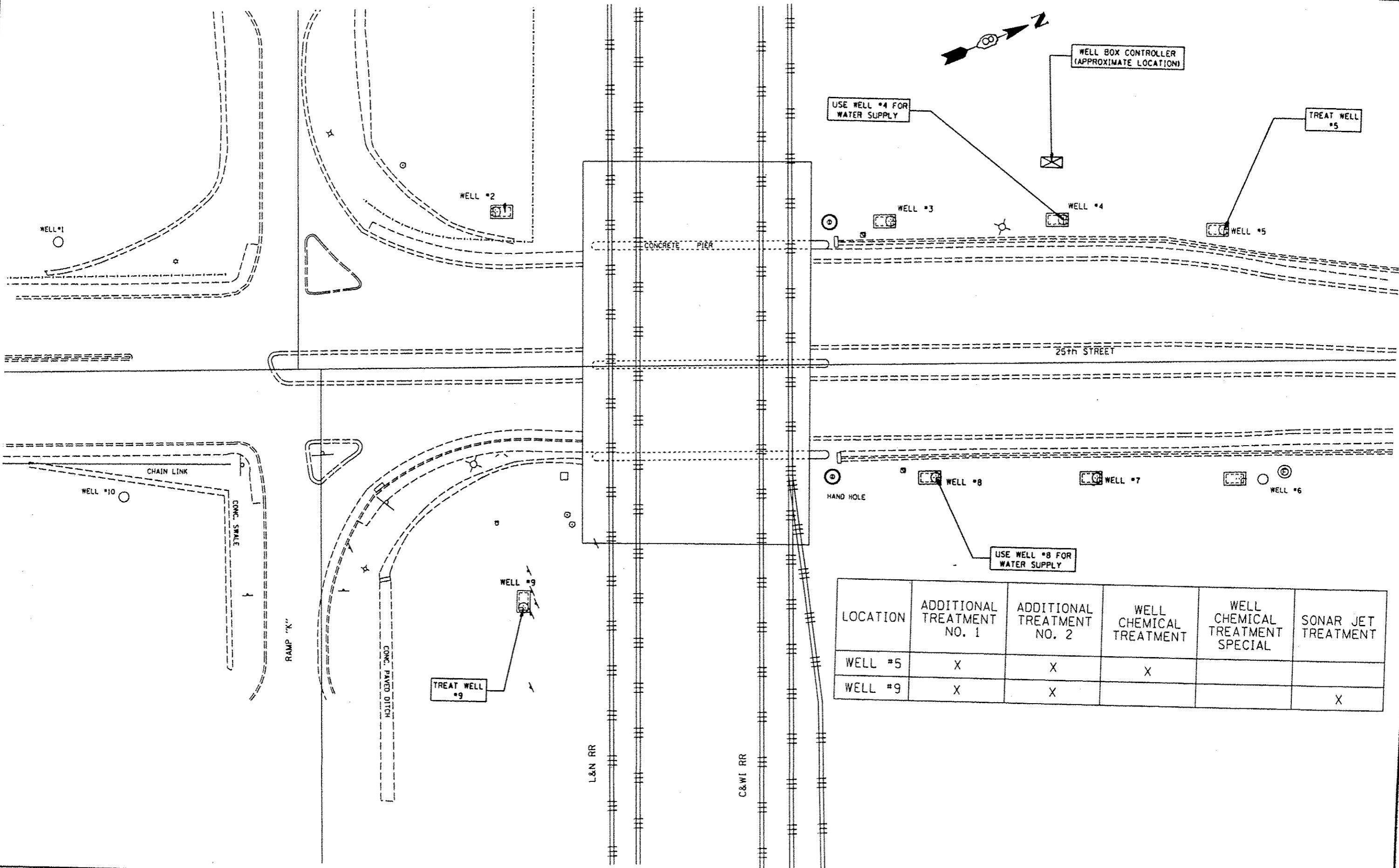
\*\* DIST 8 DEEP WELLS 2013-1  
\*\*\* MADISON & ST. CLAIR



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 2013-1  
\*\*\* MADISON & ST. CLAIR



LOCATION	ADDITIONAL TREATMENT NO. 1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	WELL CHEMICAL TREATMENT SPECIAL	SONAR JET TREATMENT
WELL #5	X	X	X		
WELL #9	X	X			X

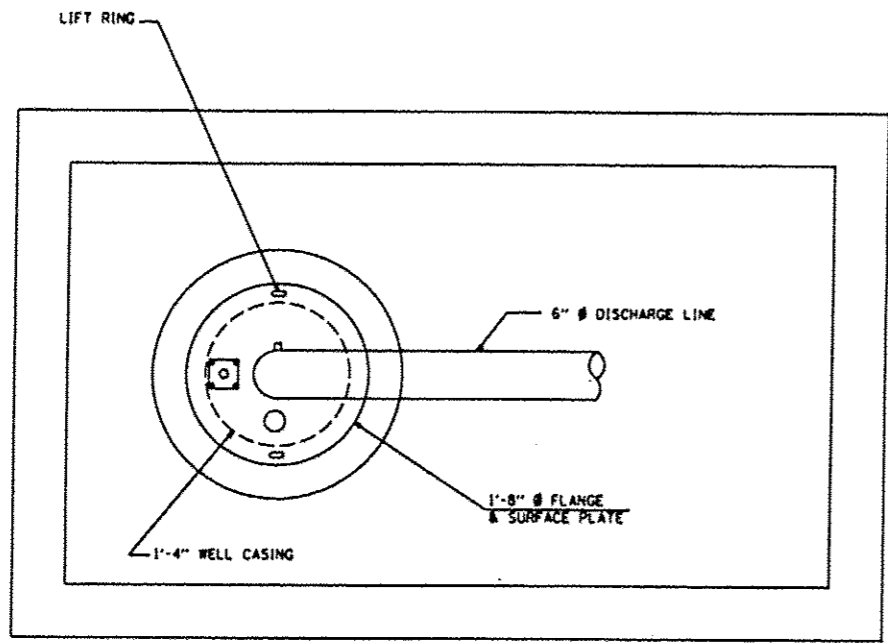
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	PLOT DATE = 8/22/2012	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

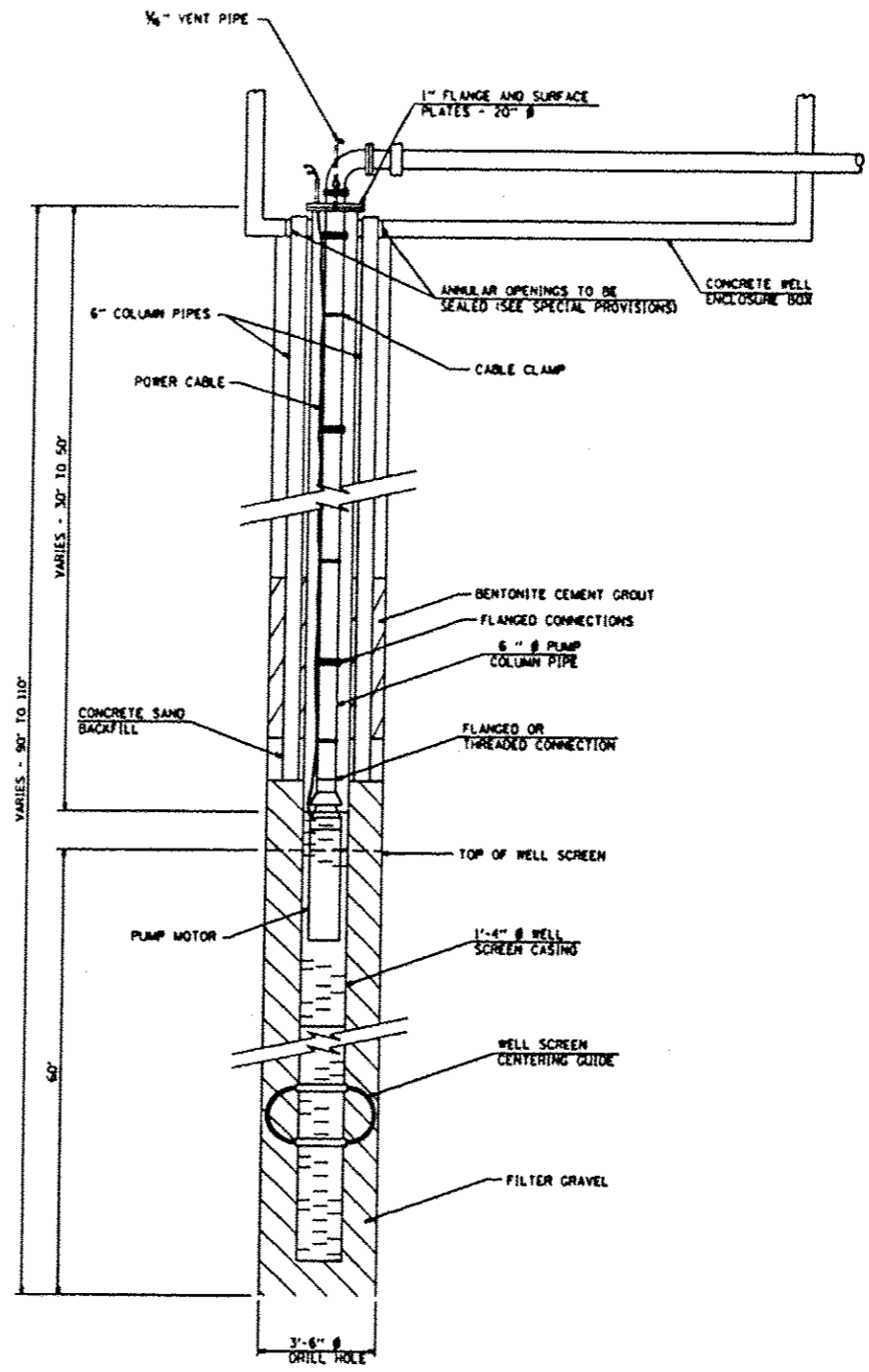
LOCATION 4 SITE PLAN 25th STREET WELLS

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

F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Y48	22	•••	9	7
SCALE:		SHEET NO. OF SHEETS		CONTRACT NO. 2003



**WELL HEAD DETAIL**



**EXISTING**

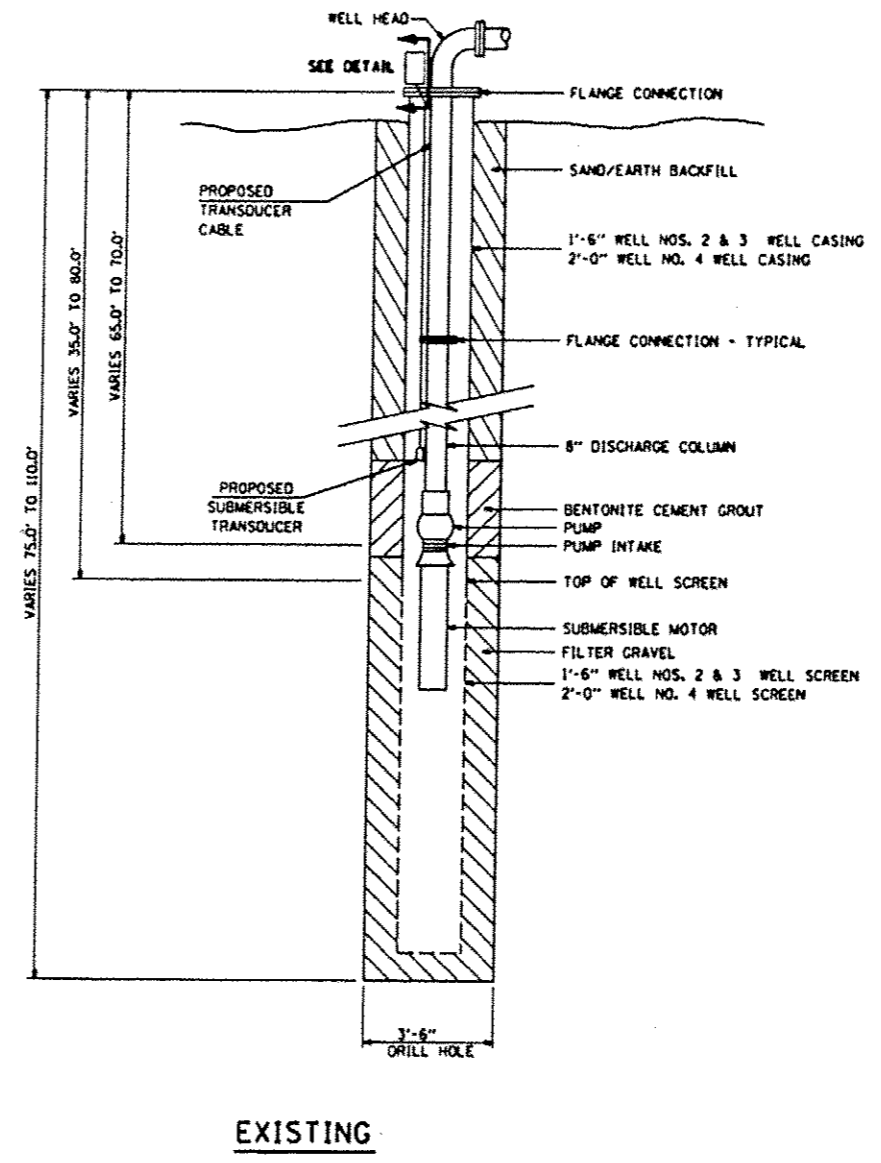
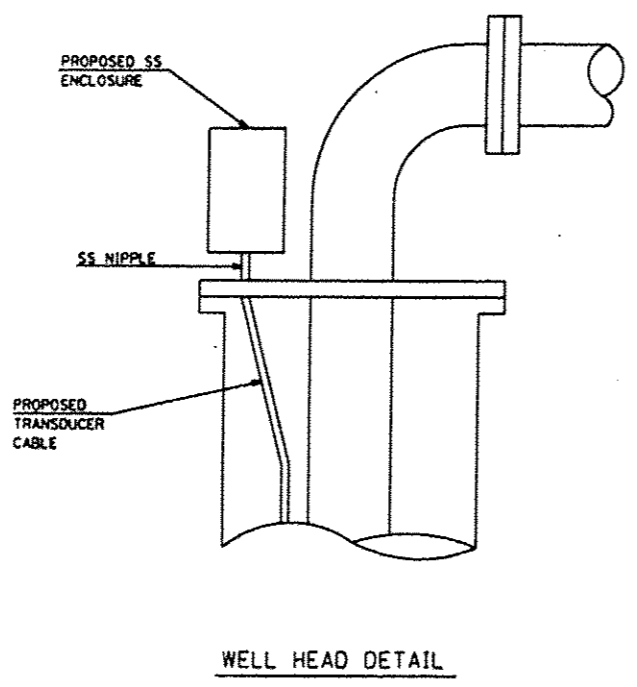
NOT TO SCALE

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

FILE NAME *	USER NAME * milleraj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL WELL DETAILS LOCATION 1, 2 &amp; 4</b>	F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
o:\pe_nork\p1010\milleraj\08271218\087	712-unt-plandgn	DRAWN -	REVISED -			XAR	11	---	9	8	
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PLOT DATE * 6/22/2012	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



98 85 98



NOT TO SCALE

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

FILE NAME *	USER NAME * millerj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL WELL DETAILS LOCATION 3</b>	F.A.B.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE * 6/22/2012	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					