

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	•••	•••	9	1

•• DIST 8 DEEP WELLS 2007-1  
••• MADISON & ST. CLAIR

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

VARIOUS ROUTES  
SECTION DIST 8 DEEP WELLS 2007-1  
PROJECT  
MADISON AND ST. CLAIR COUNTIES

C-98-053-06

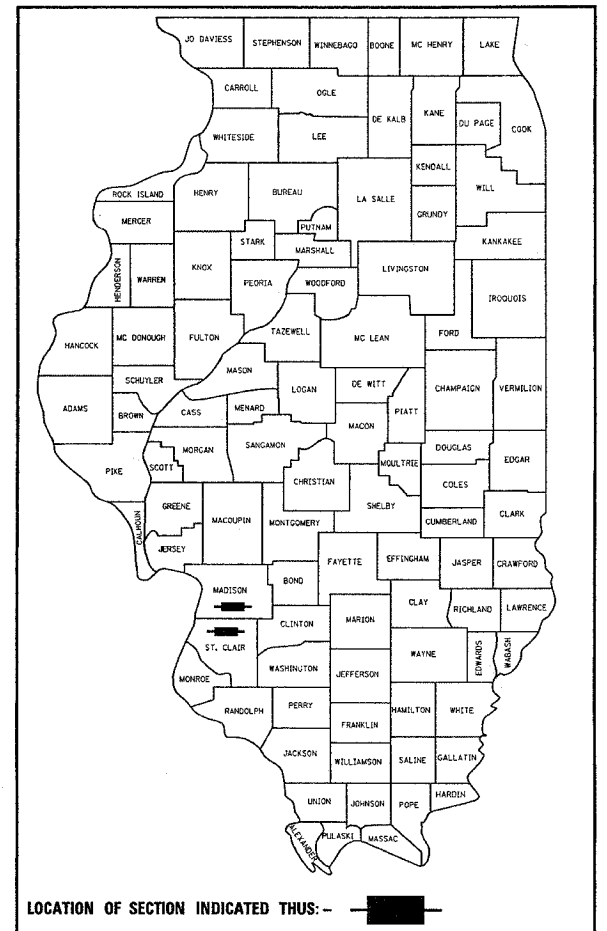
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- 4 LOCATION NO. 1: SITE PLAN VENICE WELLS (IL ROUTE 3)
- 5 LOCATION NO. 2: SITE PLAN 25TH STREET WELLS
- 6 LOCATION NO. 3: SITE PLAN MISSOURI AVENUE WELLS
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- 8 TYPICAL WELL DETAILS LOCATION 1, 2 & 4
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STANDARDS

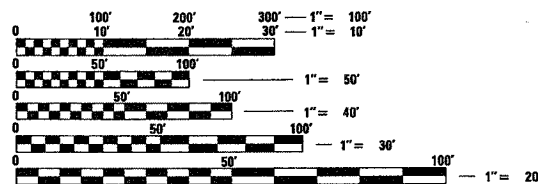
- 701400-02
- 701406-04
- 701601-04
- 702001-06

D-98-064-06



PROJECT ENGINEER: PATTI LEBEAU (618) 346-3179  
SQUAD LEADER: CHERYL KEPLAR (618) 346-3186

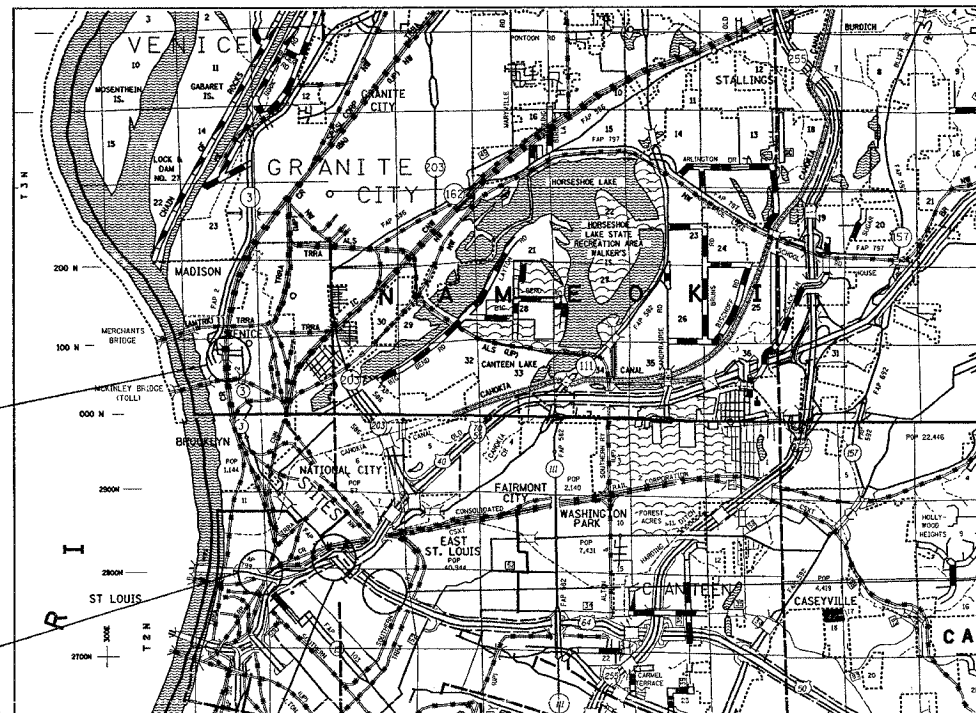
MICROFILMED \_\_\_\_\_  
REEL NUMBER \_\_\_\_\_  
AWARDED \_\_\_\_\_  
RESIDENT ENGINEER \_\_\_\_\_  
AS BUILT CHANGES WERE MADE  
ON THE FOLLOWING SHEETS



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

CONTRACT NO. 76A21



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 3:  
LATITUDE: 38.62905  
LONGITUDE: -90.16117  
WELL 4:  
LATITUDE: 38.62855  
LONGITUDE: -90.16222

LOCATION 4  
TRI-LEVEL WELLS  
LOCATION 4  
LATITUDE: 38.6335  
LONGITUDE: -90.1451

LOCATION 2  
25TH STREET WELLS  
LOCATION 2  
LATITUDE: 38.62752  
LONGITUDE: -90.13820

NOT TO SCALE

TRAFFIC DATA:  
LOCATION 1: VENICE (IL ROUTE 3) = 6,200 (2005)  
LOCATION 2: EB I-64 @ 25TH STREET = 3,900 (2003)  
ST. CLAIR AVENUE = 4,150 (2003)  
RAMP C = 950 (2003)  
LOCATION 3: MISSOURI AVENUE = 2,900 (2003)  
LOCATION 4: TRI-LEVEL & 25TH STREET = 68,800 (2005)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED 7/7/06 20  
Mary C. Harris  
DEPUTY DIRECTOR OF HIGHWAYS  
REGION FIVE ENGINEER

August 18, 2006  
Mike Hine  
ENGINEER OF DESIGN AND ENVIRONMENT

August 18/20 06  
Milton R. Sess  
DIRECTOR, DIVISION OF HIGHWAYS

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	**	***	9	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

•• DIST 8 DEEP WELLS 2007-1  
 ••• MADISON & ST. CLAIR

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: (25TH ST. WELLS)

- \* AMEREN IP
- \* AMEREN-UE
- \* AT&T ILLINOIS
- \* CITY OF EAST ST. LOUIS
- \* ILLINOIS AMERICAN WATER CO.
- \* MCLEOD USA TELECOMMUNICATIONS, INC.

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: (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

(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 OPERATE. THIS WORK WILL NOT BE PAID FOR SEPERATELY, BUT WILL BE INCLUDED IN COST OF THE SPECIFIED TREATMENT METHODS.

PLOT DATE = #DATE#  
 FILE NAME = #FILE#  
 PLOT SCALE = #SCALE#  
 REFERENCE = #REF#

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION GENERAL NOTES VARIOUS ROUTES SECTION D-8 DEEP WELLS 2007-1 MADISON & ST. CLAIR COUNTY
NAME	DATE	
		SCALE: VERT. HORIZ. DATE
DRAWN BY		CHECKED BY

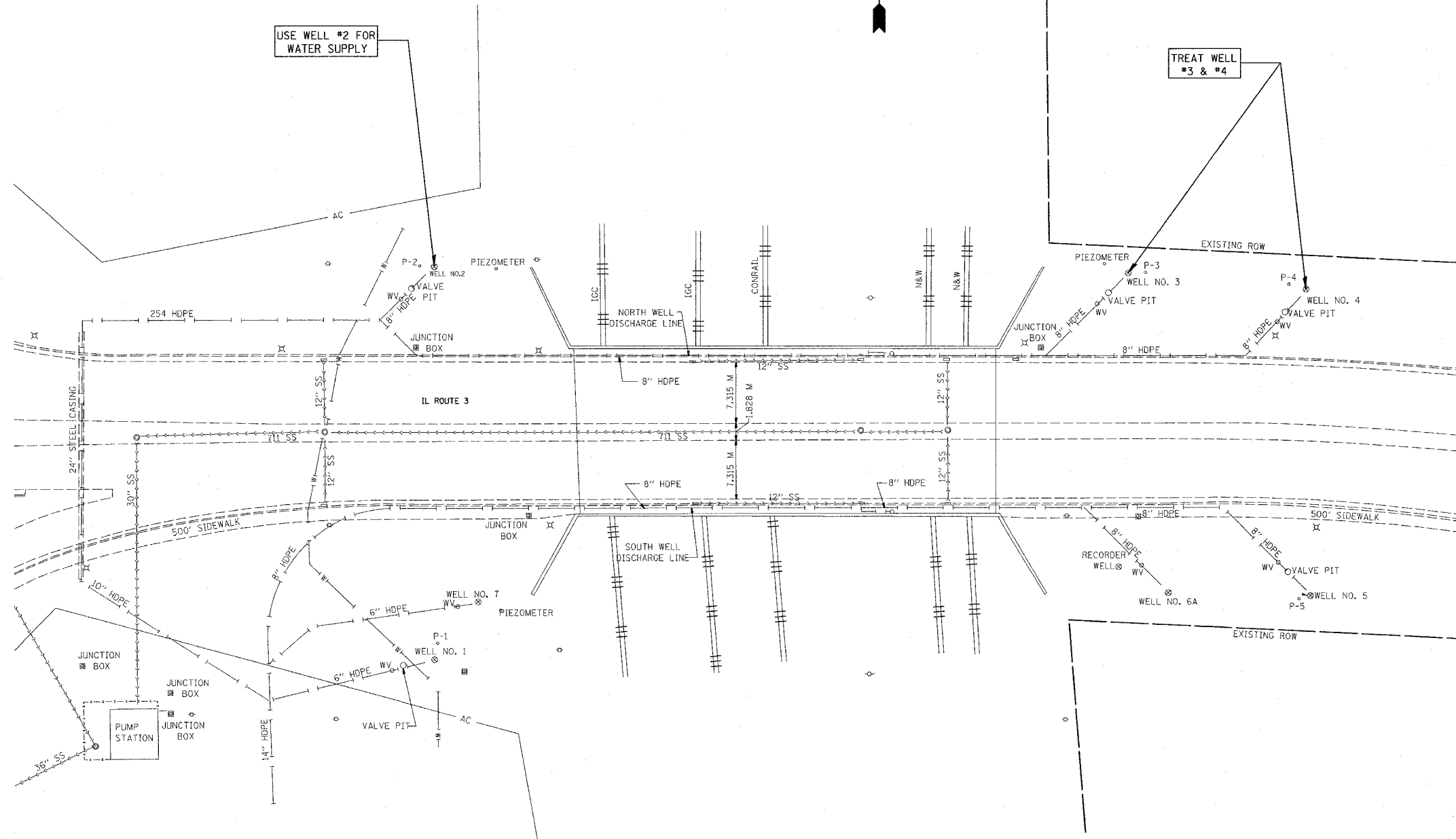
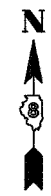
# SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	**	***	9	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
** DIST 8 DEEP WELLS 2007-1				
*** MADISON & ST. CLAIR				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE Y007			
CODE NO	ITEM	UNIT		100% STATE URBAN			
				LOCATION 1 MADISON	LOCATION 2 ST. CLAIR	LOCATION 3 ST. CLAIR	LOCATION 4 ST. CLAIR
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1				1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.5	0.5		
X0300358	ADDITIONAL TREATMENT NO. 1	EACH	10	2	2	3	3
X0300359	ADDITIONAL TREATMENT NO. 2	EACH	10	2	2	3	3
X0943700	WELL CHEMICAL TREATMENT	EACH	7	2	1	1	3
X0943705	WELL CHEMICAL TREATMENT, SPECIAL	EACH	1			1	
X0925539	BORE BLAST TREATMENT	EACH	2		1	1	

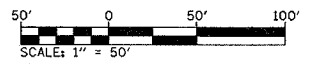
\* PLOT DATE \*  
 \* FILE NAME \*  
 \* PLOT SCALE \*  
 \* REFERENCE \*

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	**	***	9	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
** DIST 8 DEEP WELLS 2007-1				
*** MADISON & ST. CLAIR				



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	BORE BLAST TREATMENT
WELL #3	X	X	X		
WELL #4	X	X	X		



ILLINOIS DEPARTMENT OF TRANSPORTATION

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

VARIOUS ROUTES  
DISTRICT 8 DEEP WELLS 2007-1  
MADISON & ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

DRAWN BY:

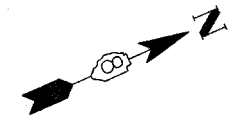
PLOT DATE: \*DATE-TIME\*

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	
NO.	BY	
	BY	
	BY	
	BY	
	BY	
	BY	
	BY	
	BY	

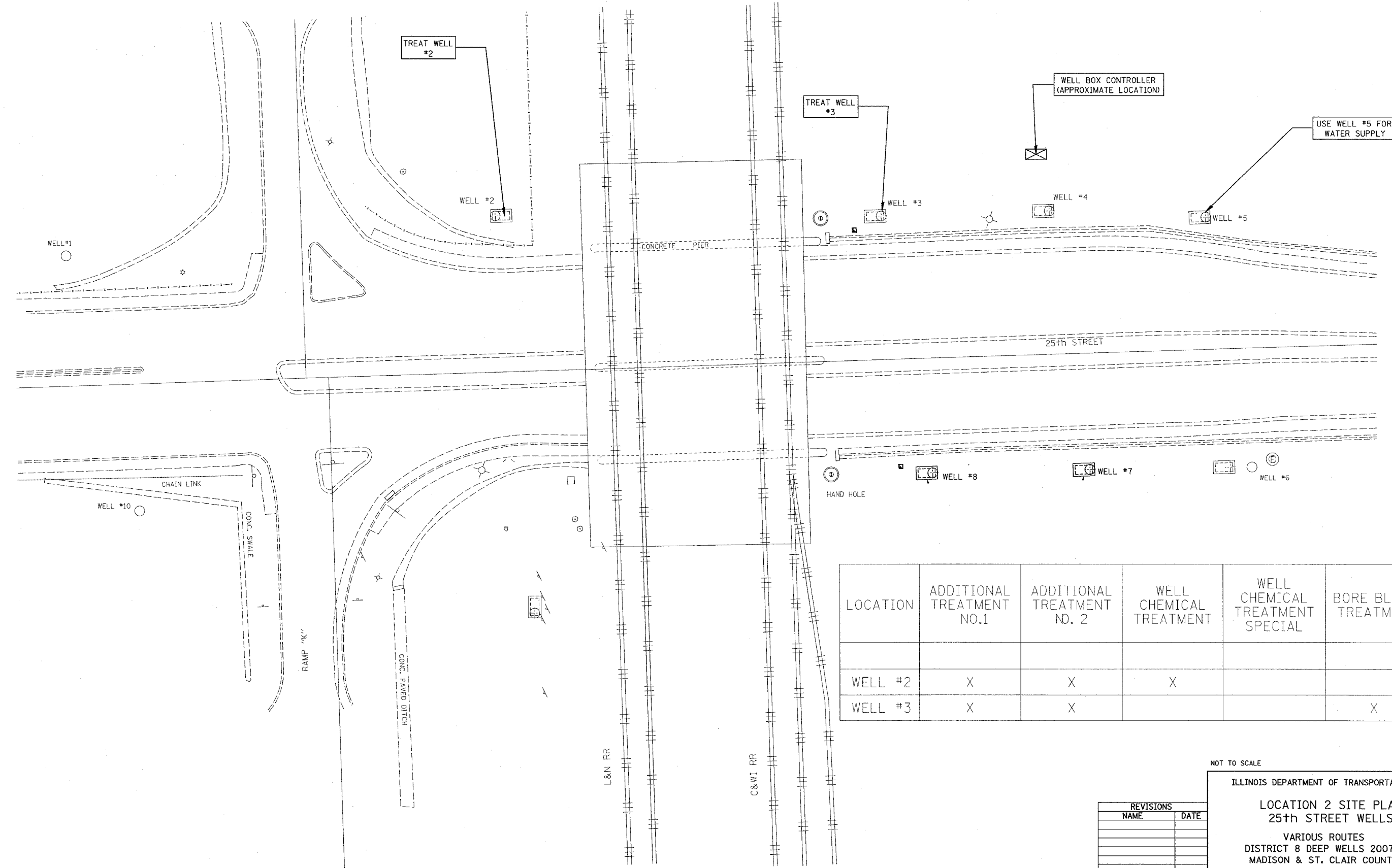
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\*DDN-SPEC\*  
\*REF\*  
\*REF\*

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	**	***	9	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

•• DIST 8 DEEP WELLS 2007-1  
 ••• MADISON & ST. CLAIR



PLAN	SURVEYED	DATE
NO.	BY	
	NOTED	
	PLANNED	
	CONTRACT	
	NO. OF WAYS CHECKED	
	DATE FILE NAME	



USE WELL #5 FOR WATER SUPPLY

LOCATION	ADDITIONAL TREATMENT NO.1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	WELL CHEMICAL TREATMENT SPECIAL	BORE BLAST TREATMENT
WELL #2	X	X	X		
WELL #3	X	X			X

NOT TO SCALE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LOCATION 2 SITE PLAN  
 25th STREET WELLS

VARIOUS ROUTES  
 DISTRICT 8 DEEP WELLS 2007-1  
 MADISON & ST. CLAIR COUNTY

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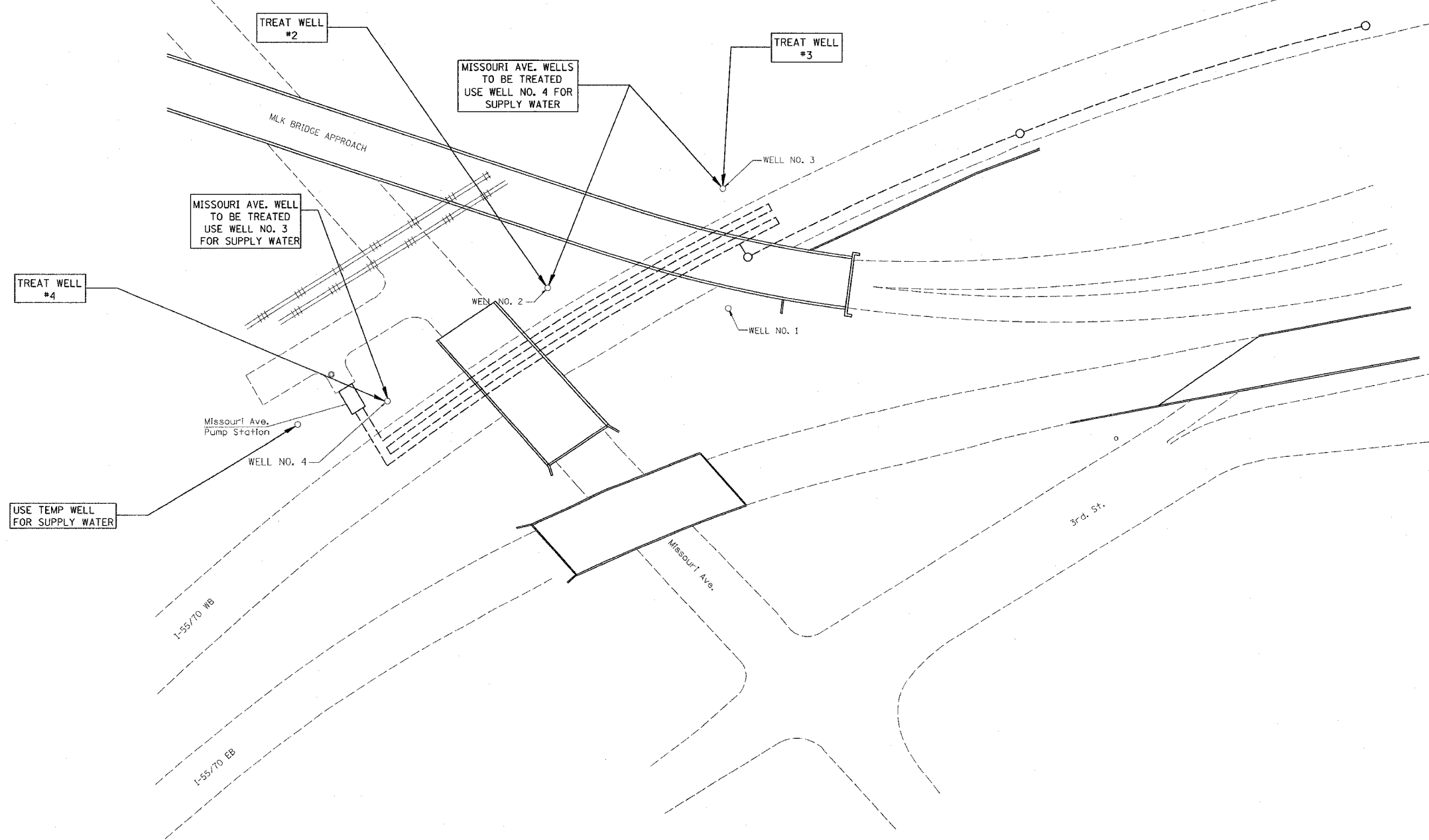
PLOT DATE: \*DATE-TIME\*

REVISIONS	
NAME	DATE

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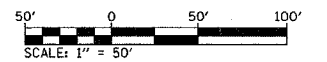
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	**	***	9	6
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

\*\* DIST 8 DEEP WELLS 2007-1  
 \*\*\* MADISON & ST. CLAIR



PLAN	DATE
NO.	
BY	
REVISIONS	
ALIGNED CHECKED	
NOTED	
DATE	
FILE NAME	

- NOTES: 1. WELL CHEMICAL TREATMENT SPECIAL, SHALL BE USED AT MISSOURI AVE, WELL NO. 4.  
 2. WELL NO. 3 SHALL BE TREATED FIRST AT THE MISSOURI AVE. SITE.



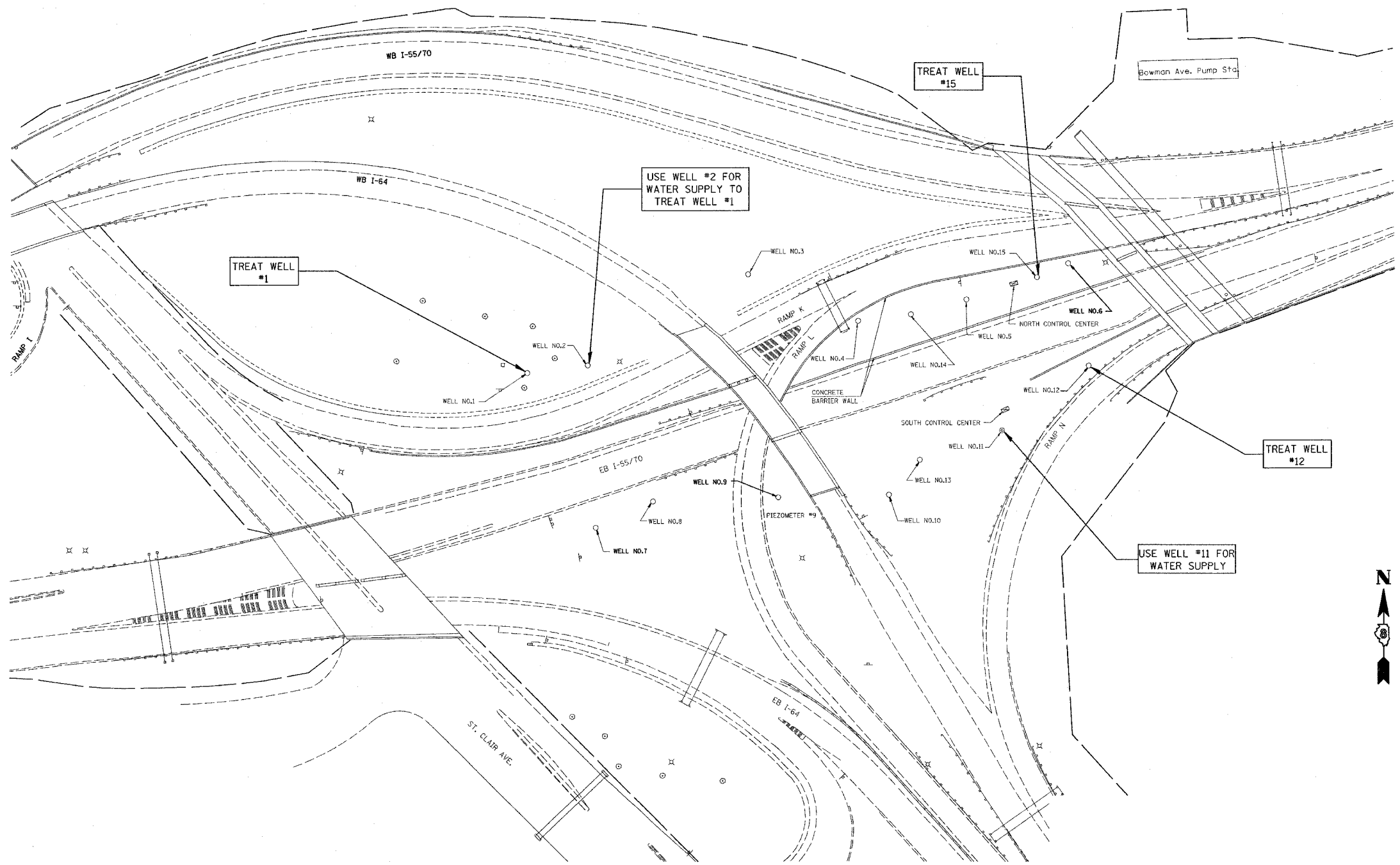
LOCATION	ADDITIONAL TREATMENT NO.1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	WELL CHEMICAL TREATMENT SPECIAL	BORE BLAST TREATMENT
WELL #2	X	X	X		
WELL #3	X	X			X
WELL #4	X	X		X	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**LOCATION 3 SITE PLAN**  
**MISSOURI AVENUE WELLS**  
 VARIOUS ROUTES  
 DISTRICT 8 DEEP WELLS 2007-1  
 MADISON & ST. CLAIR COUNTY  
 DRAWN BY:  
 PLOT DATE: \*DATE-TIME\*

DATE: \*DATE-TIME\*  
 REF. \*REF.\*  
 \*REF.\*

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	**	***	9	7
STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
** DIST 8 DEEP WELLS 2007-1				
*** MADISON & ST. CLAIR				



PLAN	DATE
BY	
DESIGNED	
PLOTTED	
CHECKED	
ALIGNED	
CADD FILE NAME	
NO.	



LOCATION	ADDITIONAL TREATMENT NO.1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	WELL CHEMICAL TREATMENT SPECIAL	BORE BLAST TREATMENT
WELL #1	X	X	X		
WELL #12	X	X	X		
WELL #15	X	X	X		

REVISIONS	
NAME	DATE

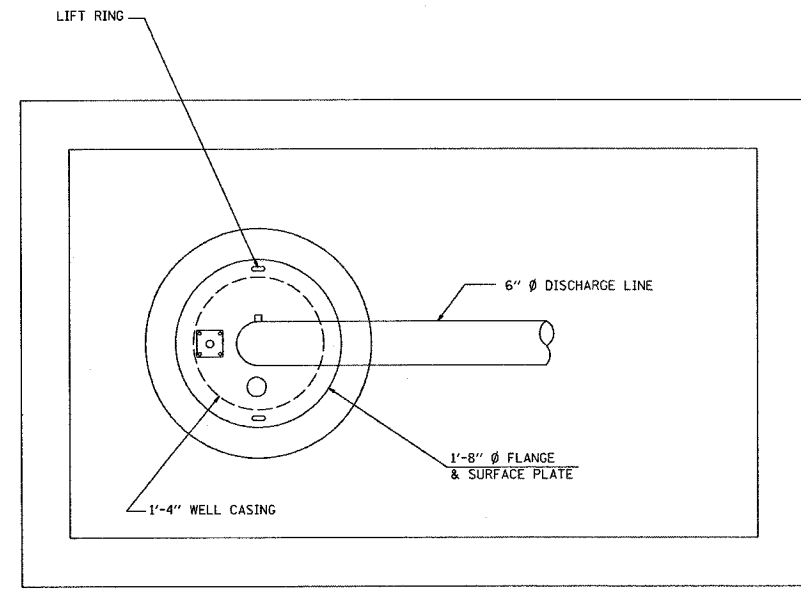
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 LOCATION 4 SITE PLAN  
 TRI-LEVEL WELLS  
 VARIOUS ROUTES  
 DISTRICT 8 DEEP WELLS 2007-1  
 MADISON & ST. CLAIR COUNTY  
 DRAWN BY:  
 PLOT DATE: \*DATE-TIME\*

\*DATE-TIME\*  
 \*\*DDM-SPEC\*  
 \*\*\*REF\*\*

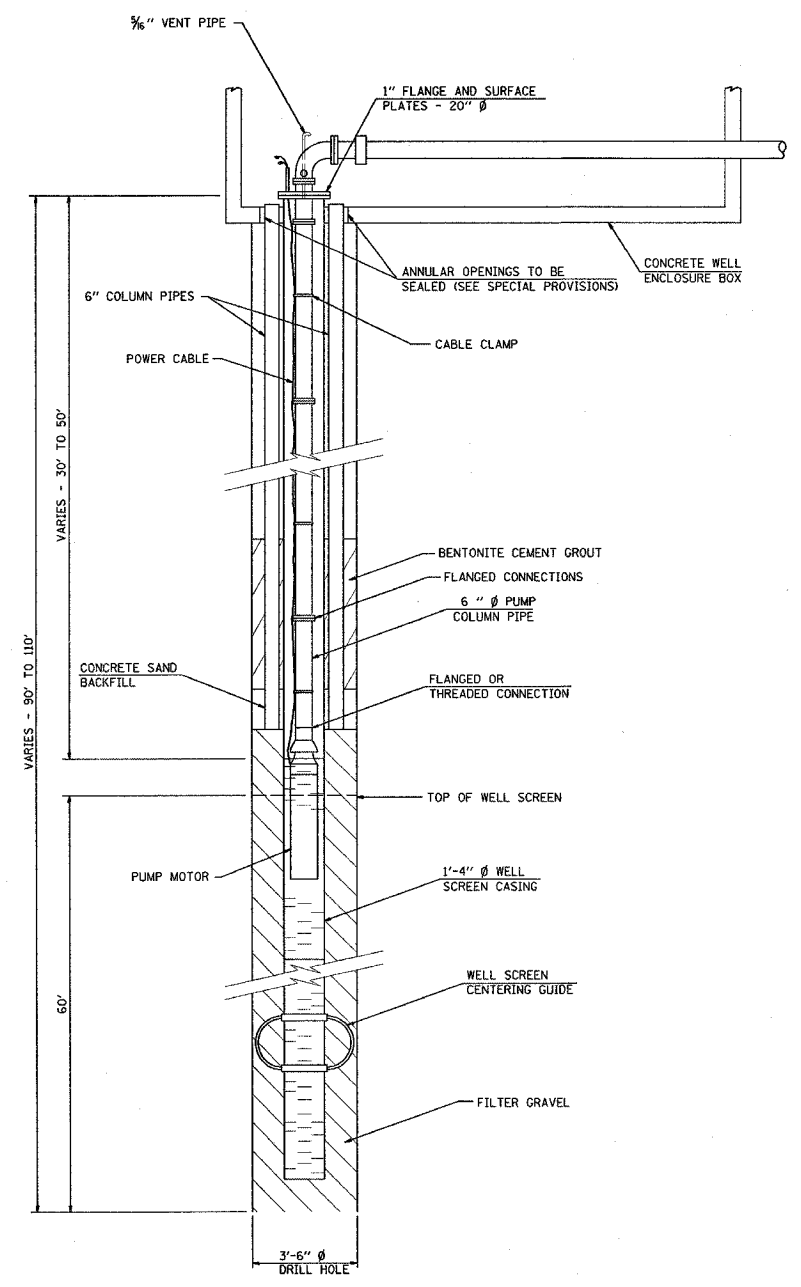
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	**	***	9	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

\*\* DIST 8 DEEP WELLS 2007-1  
 \*\*\* MADISON & ST. CLAIR

PLAN	SURVEYED	BY	DATE
NOTE BOOK No.	ALIGNED		
	CHECKED		
	BY		
	DATE		



WELL HEAD DETAIL



EXISTING

NOT TO SCALE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL WELL DETAILS  
 LOCATION 1, 2 & 4

VARIOUS ROUTES  
 DISTRICT 8 DEEP WELLS 2007-1  
 MADISON & ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

DRAWN BY:

PLOT DATE: \*DATE-TIME\*

•SUBJECTS  
 •CON-SPEC  
 •REF



