

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

** DIST 8 DEEP WELLS 2008-1
*** MADISON & ST. CLAIR

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION DIST 8 DEEP WELLS 2008-1
PROJECT
MADISON AND ST. CLAIR COUNTIES

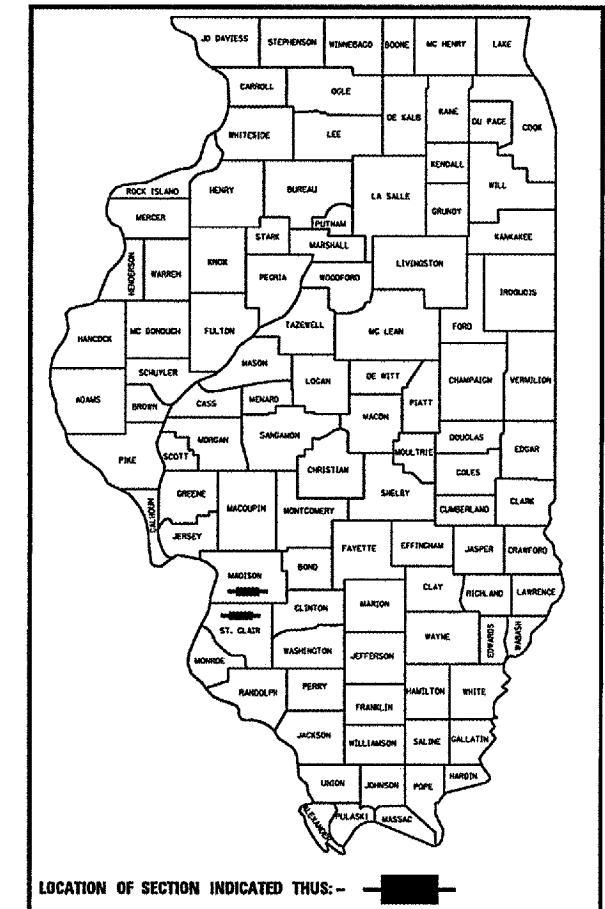
C-98-108-07

INDEX OF SHEETS

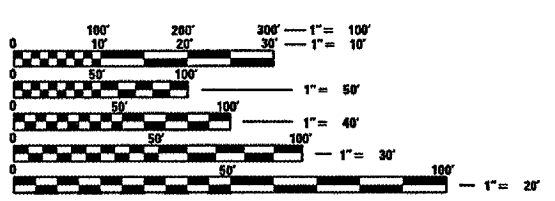
- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 LOCATION NO. 1: SITE PLAN VENICE WELLS (IL ROUTE 3)
- 5 LOCATION NO. 2: SITE PLAN 25TH STREET WELLS
- 6 LOCATION NO. 3: SITE PLAN MISSOURI AVENUE WELLS
- 7 LOCATION NO. 4: SITE PLAN TRI-LEVEL WELLS
- 8 TYPICAL WELL DETAILS LOCATION 1, 2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

STANDARDS
701601-04
702001-06

D-98-103-07



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. 76B28



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



NOT TO SCALE

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

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 June 20, 2007
Mary C. Spivey
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER

August 17, 2007
Eric E. Starn
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

August 17, 2007
Milton R. Sees, P.E.
DIRECTOR, DIVISION OF HIGHWAYS

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

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

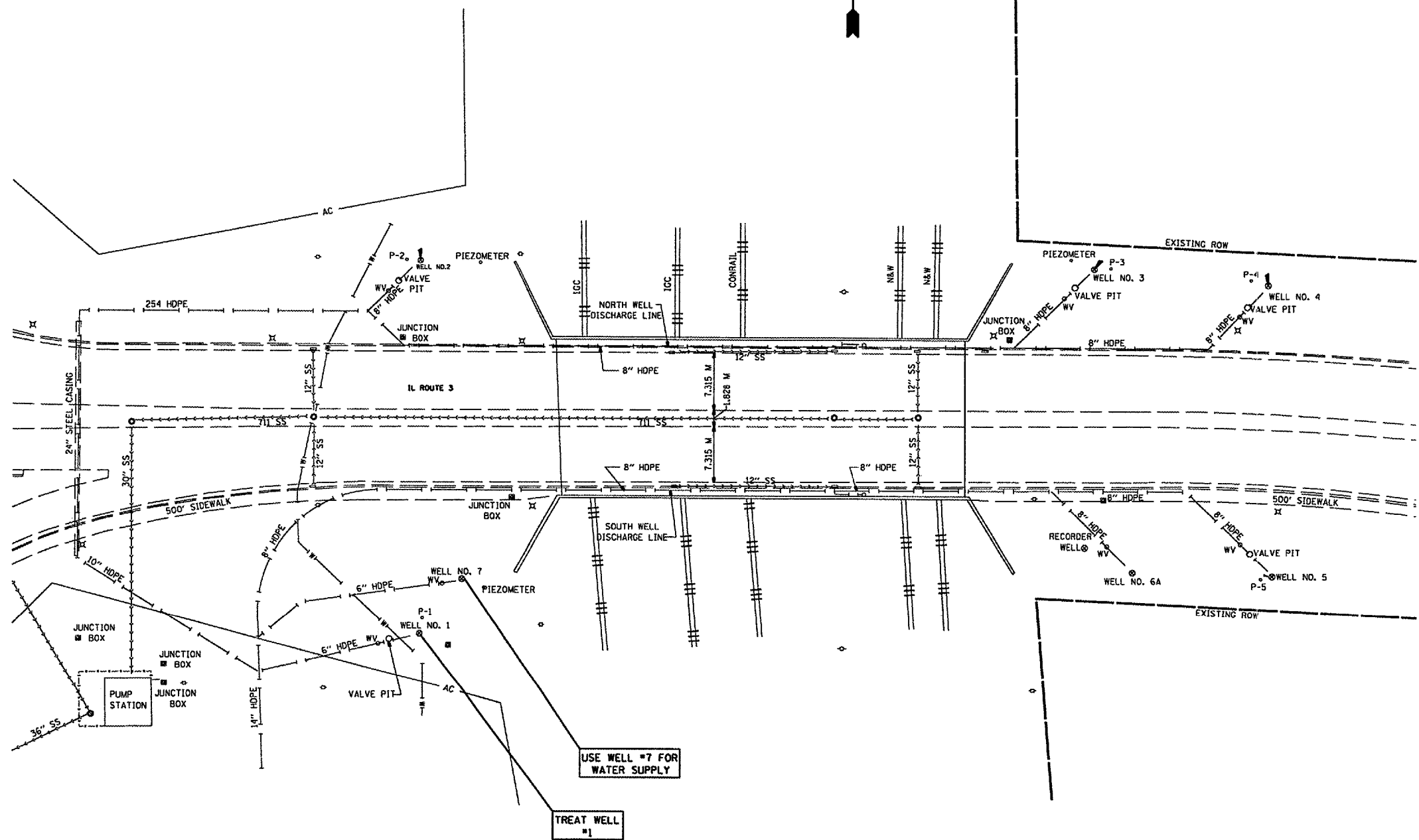
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DATE-TIME: 10:00 AM
REF: SPEC

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 2008-1		
		*** MADISON & ST. CLAIR		

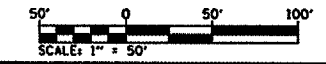
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE Y007			
CODE NO	ITEM	UNIT		100% STATE URBAN			
				LOCATION 1 MADISON	LOCATION 2 ST. CLAIR	LOCATION 3 ST. CLAIR	LOCATION 4 ST. CLAIR
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1		1		
X0300358	ADDITIONAL TREATMENT NO. 1	EACH	10	1	3	4	2
X0300359	ADDITIONAL TREATMENT NO. 2	EACH	10	1	3	4	2
X0943700	WELL CHEMICAL TREATMENT	EACH	7	1	3	3	
X0943705	WELL CHEMICAL TREATMENT, SPECIAL	EACH	1			1	
X0925850	SONAR-JET TREATMENT	EACH	2				2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	9	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
** DIST 8 DEEP WELLS 2008-1 *** 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	SONAR JET TREATMENT
WELL #1	X	X	X		



ILLINOIS DEPARTMENT OF TRANSPORTATION
LOCATION 1 SITE PLAN
VENICE WELLS (IL RTE 3)
 VARIOUS ROUTES
 DISTRICT 8 DEEP WELLS 2008-1
 MADISON & ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

DRAWN BY:
 PLOT DATE: *DATE-TIME*

PLAN	DATE
REVISION	BY
NO.	
NOTE BOOK	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	

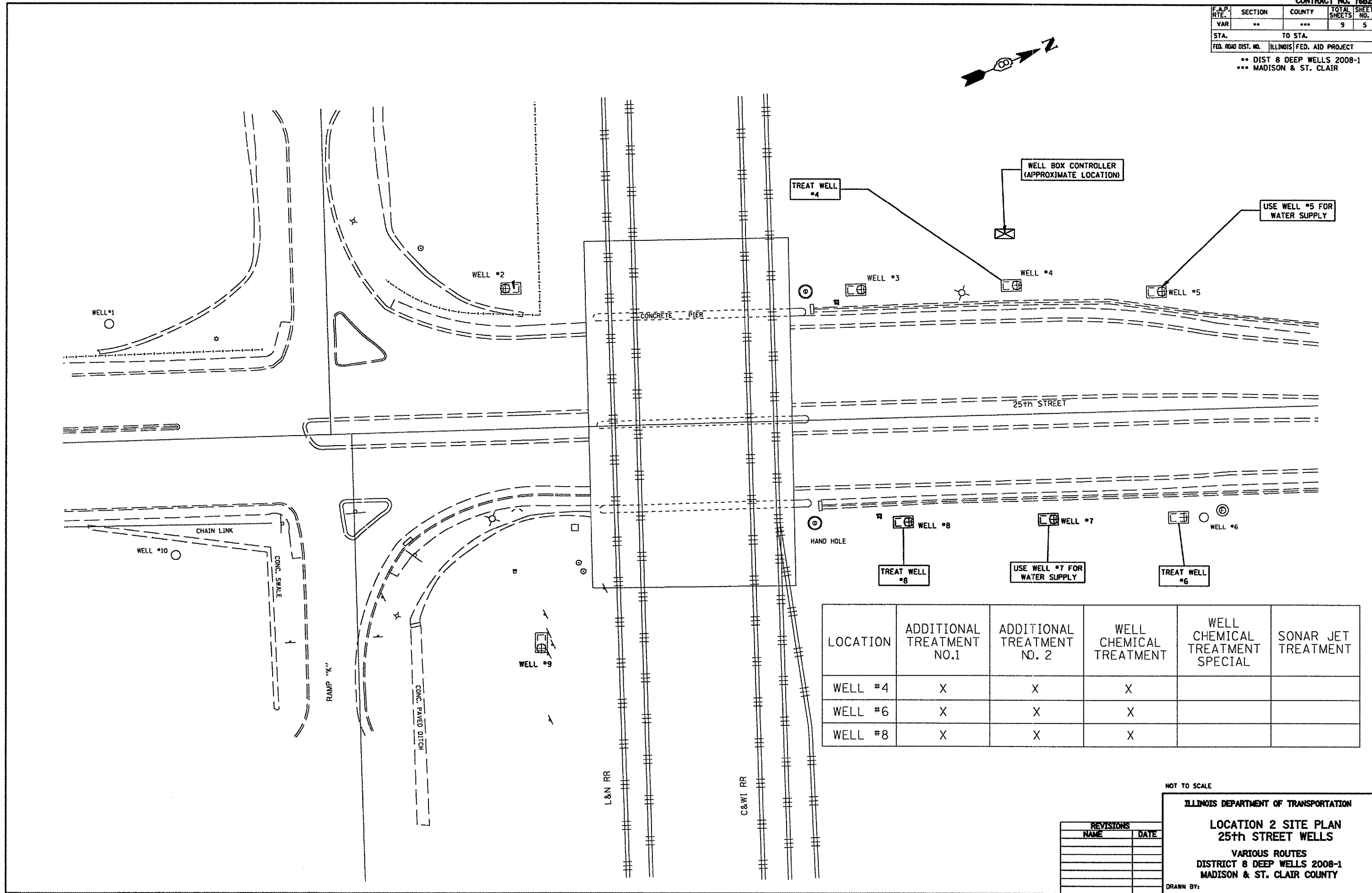
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 PLOT DATE

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 2008-1
 *** MADISON & ST. CLAIR



PLAN	DATE
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	



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		
WELL #8	X	X	X		

NOT TO SCALE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LOCATION 2 SITE PLAN
25th STREET WELLS
 VARIOUS ROUTES
 DISTRICT 8 DEEP WELLS 2008-1
 MADISON & ST. CLAIR COUNTY

REVISIONS	
NAME	DATE

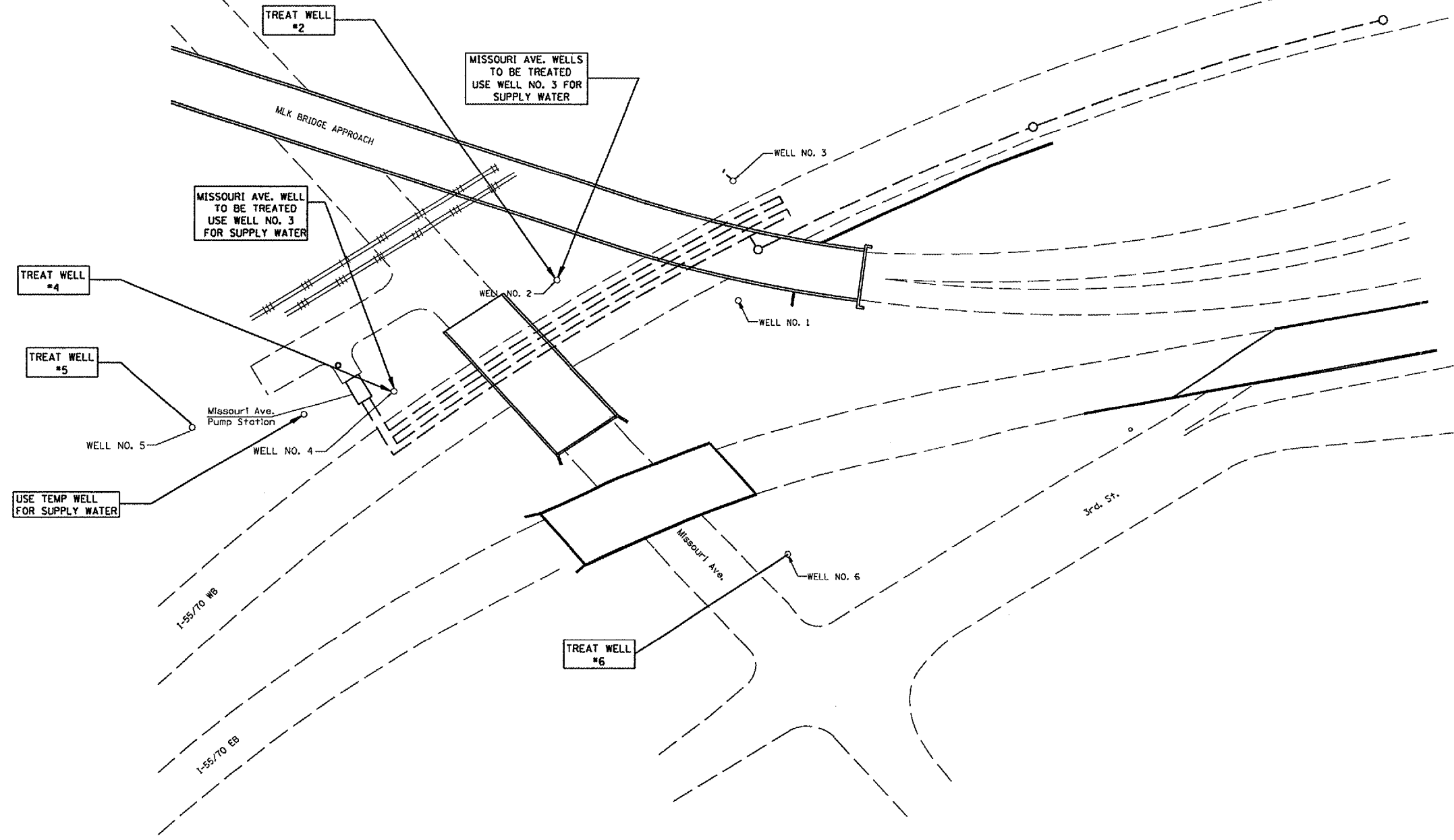
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PLOT DATE: *DATE-TIME*

DATE-TIME
 DATE-TIME
 DATE-TIME
 DATE-TIME

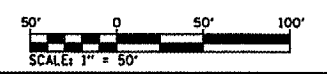
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..V88	..*	..*	9	6
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

•• DIST 8 DEEP WELLS 2008-1
 ••• MADISON & ST. CLAIR



PLAN	DATE
BY	
NO. OF WELLS CHECKED	
NO. OF TREAT WELLS CHECKED	
NO. OF PUMP STATIONS CHECKED	
NO. OF TREAT WELLS CHECKED	

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



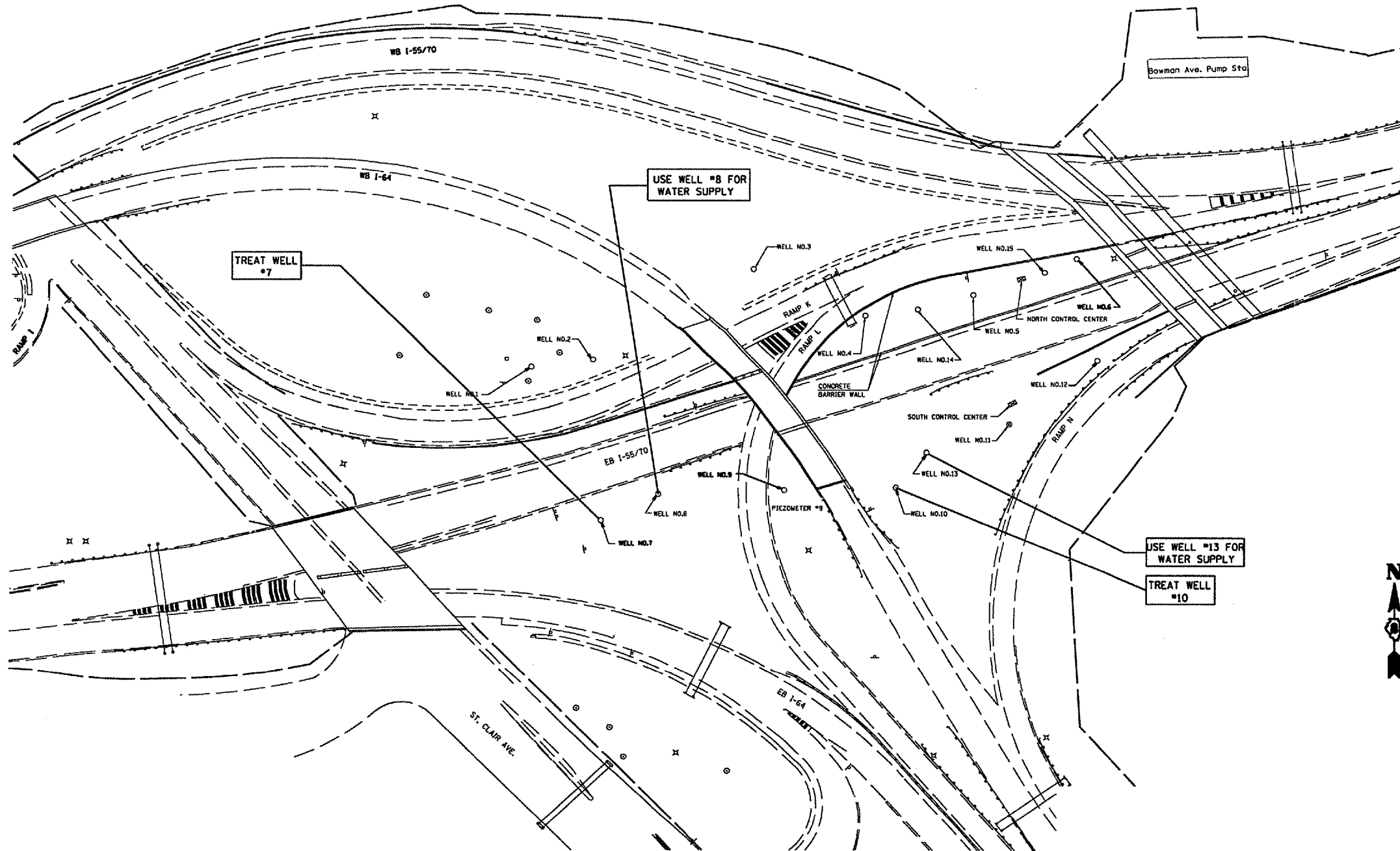
LOCATION	ADDITIONAL TREATMENT NO.1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	SONAR JET TREATMENT	WELL CHEMICAL TREATMENT SPECIAL
WELL #5	X	X	X		
WELL #2	X	X	X		
WELL #6	X	X	X		
WELL #4	X	X	X		X

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LOCATION 3 SITE PLAN
MISSOURI AVENUE WELLS
 VARIOUS ROUTES
 DISTRICT 8 DEEP WELLS 2008-1
 MADISON & ST. CLAIR COUNTY
 DRAWN BY: _____
 PLOT DATE: _DATE-TIME_

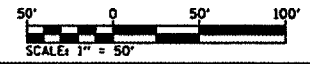
DATE-TIME
 CON-SPEC
 REF.

CONTRACT NO. T6B28				
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 2008-1				
*** MADISON & ST. CLAIR				



DATE	
BY	
REVISIONS	
PLAN	
NOTE BOOK	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	

LOCATION	ADDITIONAL TREATMENT NO.1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	WELL CHEMICAL TREATMENT SPECIAL	SONAR JET TREATMENT
WELL #7	X	X			X
WELL #10	X	X			X



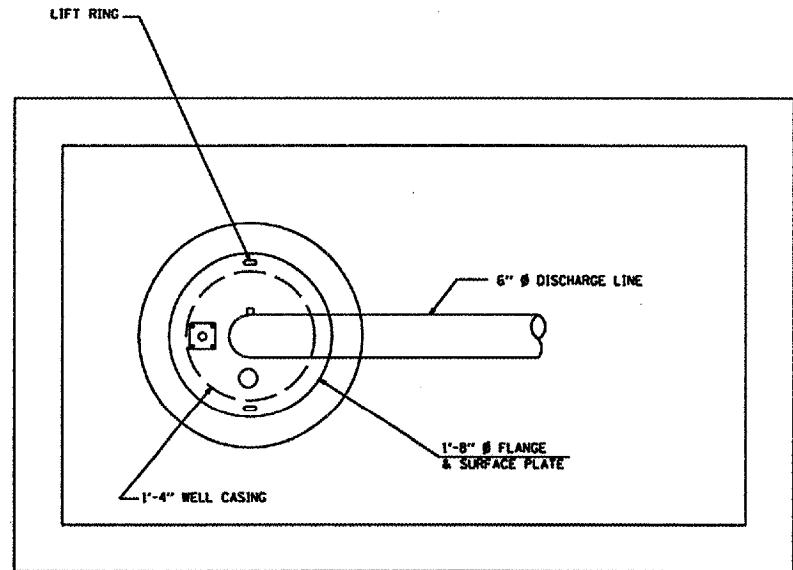
REVISORS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LOCATION 4 SITE PLAN
TRI-LEVEL WELLS
 VARIOUS ROUTES
 DISTRICT 8 DEEP WELLS 2008-1
 MADISON & ST. CLAIR COUNTY
 DRAWN BY:
 PLOT DATE: *DATE-TIME*

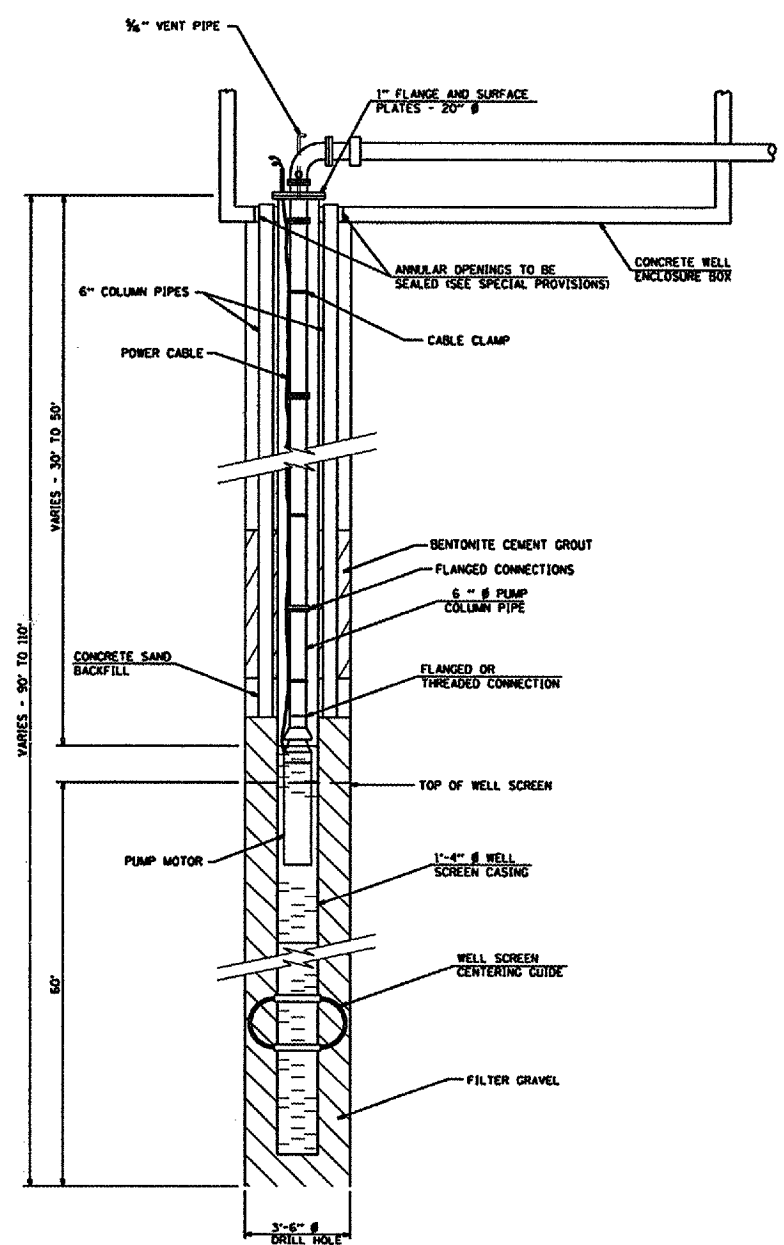
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 REF.

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 2008-1		
		*** MADISON & ST. CLAIR		

PLAN	DATE
NO.	
BY	
DESIGNED	
PLOTTED	
CHECKED	
REVISIONS	
DATE	
BY	
NO.	
DATE	
BY	
NO.	
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 2008-1
MADISON & ST. CLAIR COUNTY

DRAWN BY:

PLOT DATE: *DATE-TIME*

REVISIONS	
NAME	DATE

DATE
TIME
REF
REF

