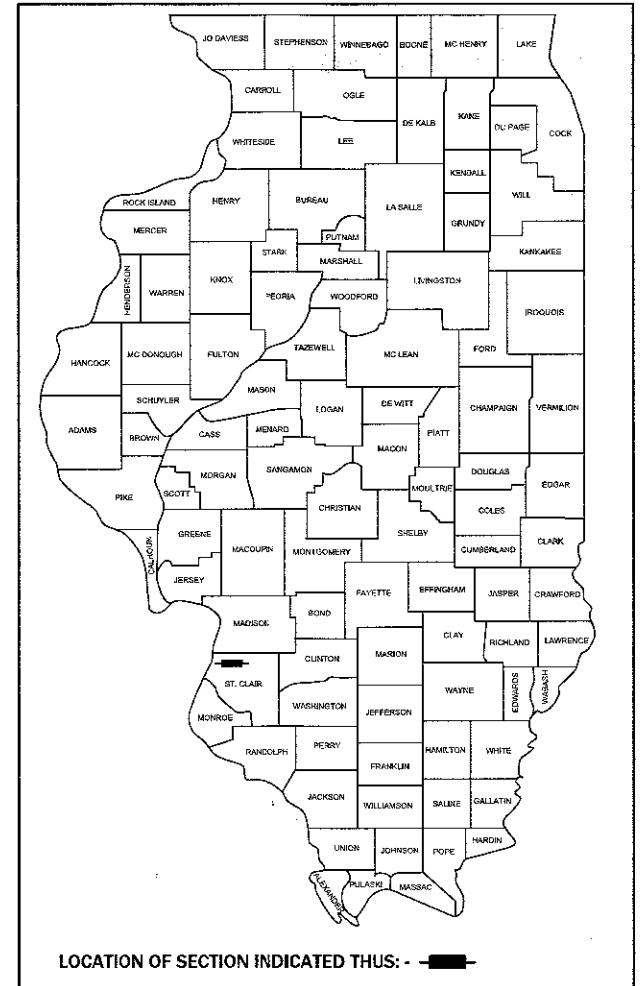


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 DEEP WELLS 2018-1		9	1
* = VARIOUS		ILLINOIS	CONTRACT NO. 76K87	

D-98-105-17



PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION DIST 8 DEEP WELLS 2018-1

WELL TREATMENT
VARIOUS COUNTIES

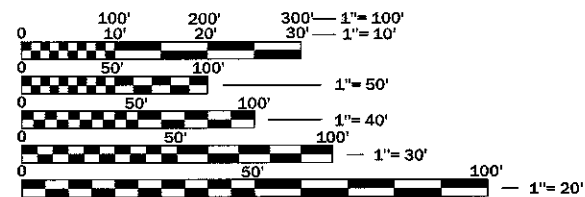
C-98-071-17

INDEX OF SHEETS

- 1 COVER SHEET AND STANDARDS
- 2 GENERAL NOTES, COMMITMENTS AND ADT
- 3 SUMMARY OF QUANTITIES
- 4 LOCATION NO. 1: SITE PLAN MISSOURI AVENUE WELLS
- 5 LOCATION NO. 2: SITE PLAN TRI-LEVEL WELLS
- 6 LOCATION NO. 3: SITE PLAN 15TH ST. WELLS
- 7 LOCATION NO. 4: SITE PLAN 25TH ST. WELLS
- 8 TYPICAL WELL DETAILS LOCATION 2, 3, 4
- 9 TYPICAL WELL DETAILS LOCATION 1

STANDARDS

- 000001-06
- 001006
- 701101-05
- 701106-02
- 701400-09
- 701401-10
- 701428-01
- 701901-06
- 701601-09

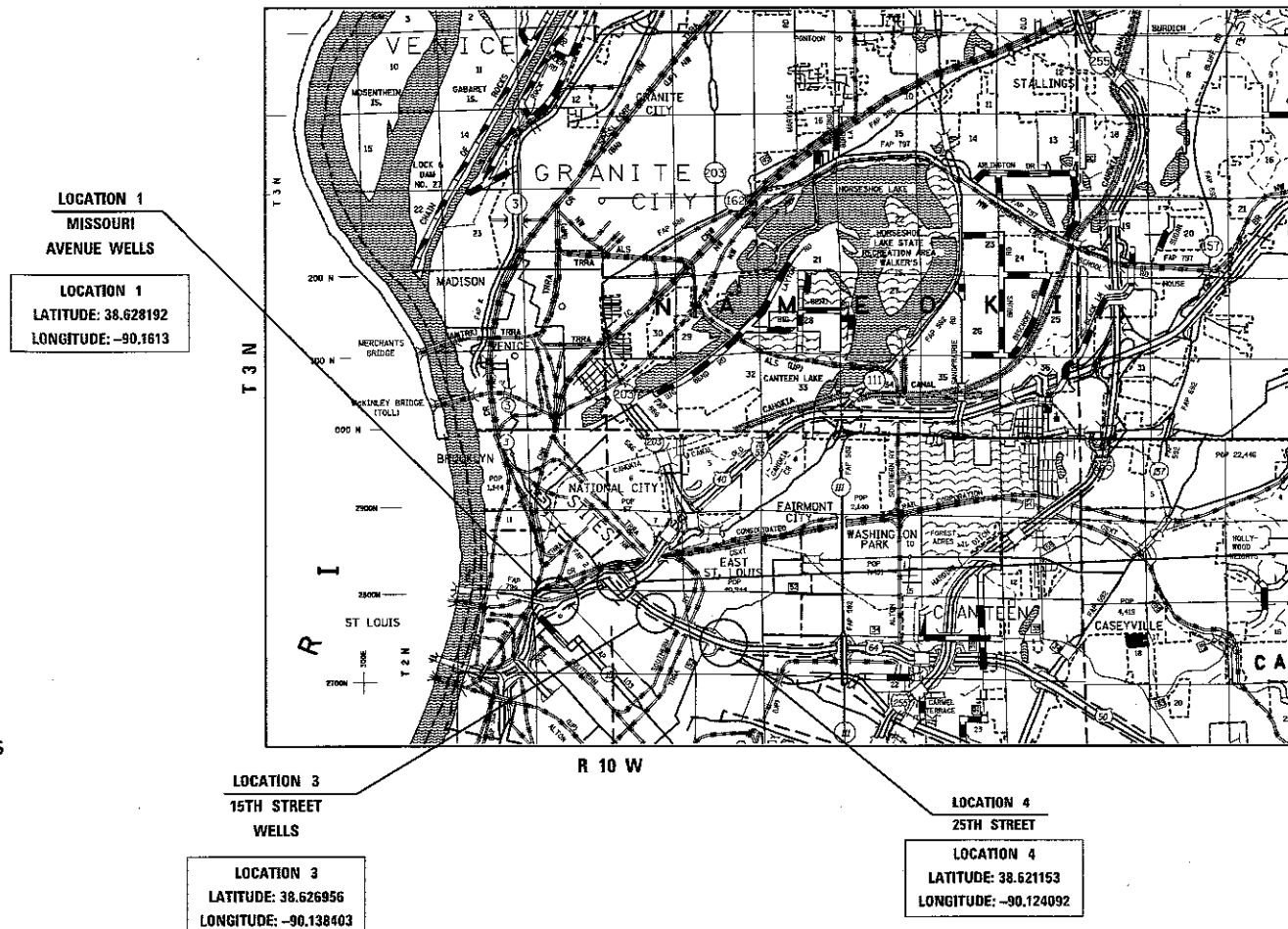


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: HERVE GELIN (618) 346-3179
PROJECT MANAGER: JEYCEA BOBO (618) 346-3190

CONTRACT NO. 76K87



LOCATION 1
MISSOURI AVENUE WELLS
LOCATION 1
LATITUDE: 38.628192
LONGITUDE: -90.1613



LOCATION 2
TRI-LEVEL
LOCATION 2
LATITUDE: 38.633
LONGITUDE: -90.14486

LOCATION 3
15TH STREET WELLS
LOCATION 3
LATITUDE: 38.626956
LONGITUDE: -90.138403

LOCATION 4
25TH STREET
LOCATION 4
LATITUDE: 38.621153
LONGITUDE: -90.124092

GROSS LENGTH = 6800 FT. = 1.288 MILE
NET LENGTH = 6800 FT. = 1.288 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *July 4 2017*
Jeffrey Z. Kan... REGIONAL ENGINEER

Aug 18 2017
Marcus M. Ad... ENGINEER OF DESIGN AND ENVIRONMENT

Aug 10 2017
... DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

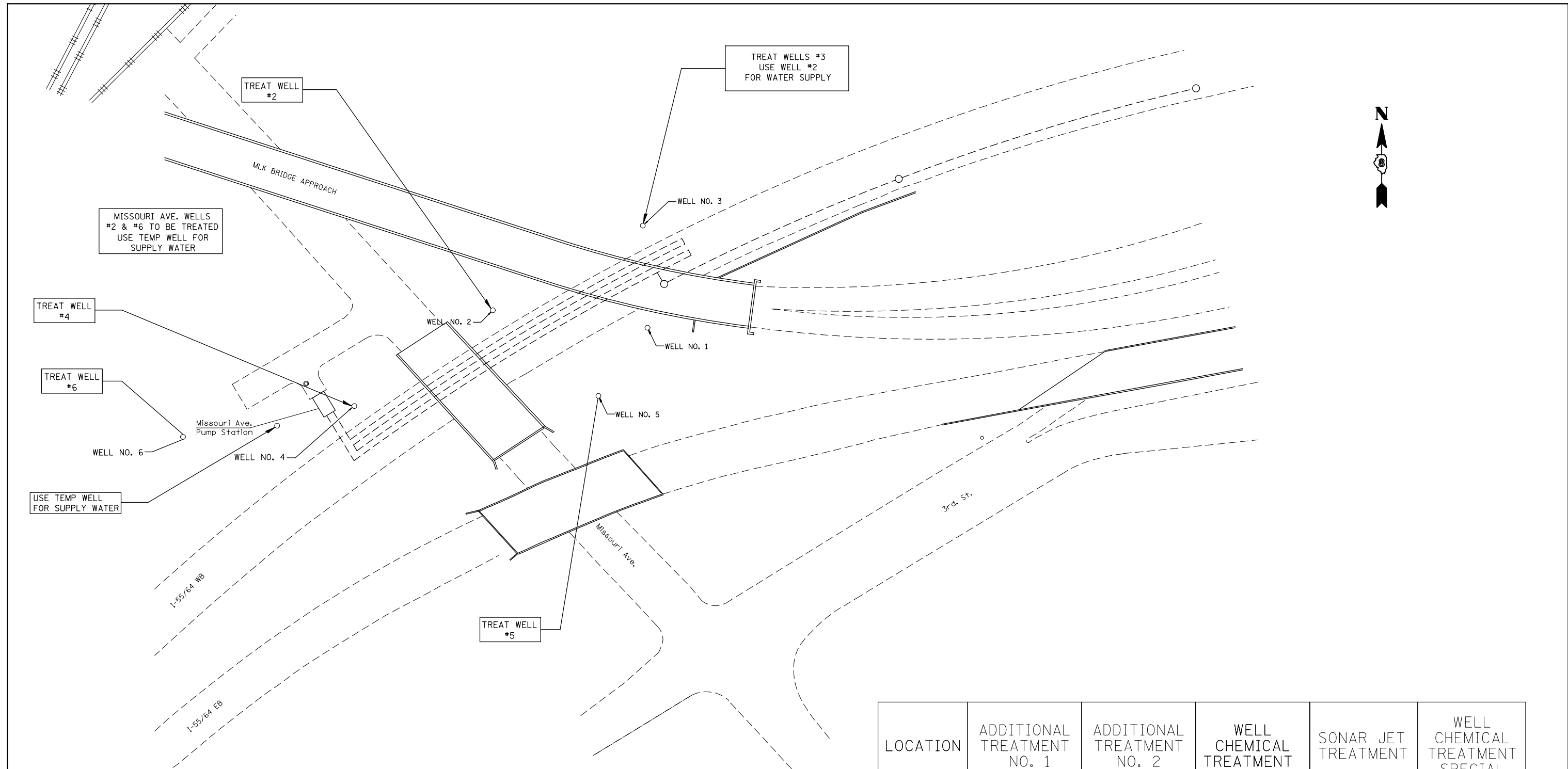
1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
2. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.
3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (1-800-892-0123 OR 811) OR FOR NON-MEMBERS THE UTILITY COMPANY DIRECTLY.
4. ALL WELLS REQUIRE SEALING OF MISCELLANEOUS 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 WELL 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.

COMMITMENTS
NONE

FUNCTIONAL CLASSIFICATION
RURAL MINOR ARTERIAL

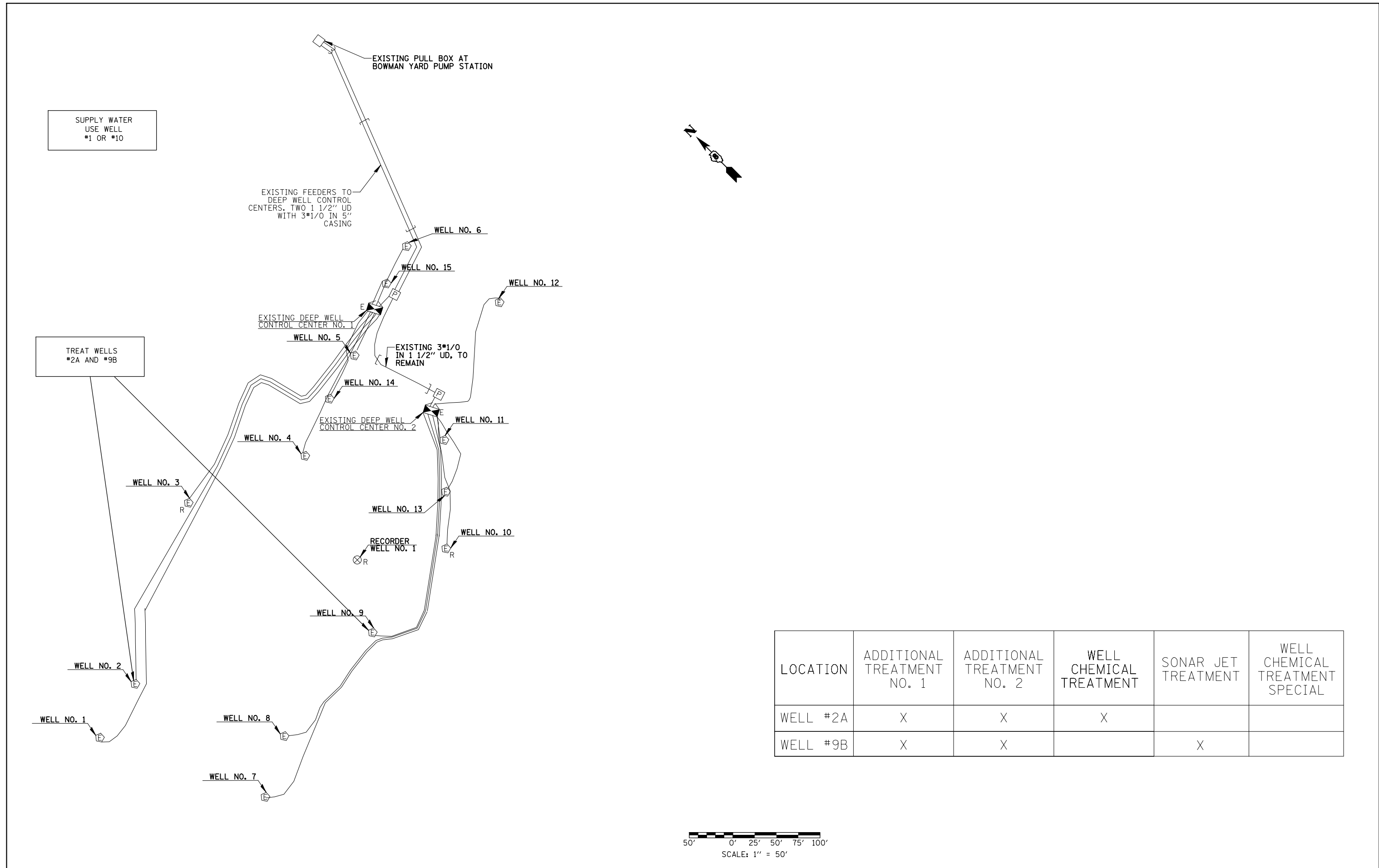
LOCATION 1	LOCATION 2
WB: 2018 ADT = 41600	NB: 2018 ADT = 36500
S.U.=2.0% M.U.=8.7%	S.U.=3.2% M.U.=9.6%
EB: 2018 ADT = 49200	
S.U.=2.4% M.U.=7.7%	
LOCATION 3	LOCATION 4
EB RAMP: 2018 ADT = 2800	WB: 2018 ADT = 7200
S.U.=4.5% M.U.=4.5%	S.U.=2.7% M.U.=1.1%

FILE NAME =	USER NAME = boboja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, COMMITMENTS AND ADT			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\04\EB\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 8\Projects\D876K87\CADData\CADsheets\D876K87.dgn	DRAM	CHECKED -	REVISED -					*	DIST 8 DEEP WELLS 2018-1	*	9	2
Default	PLOT SCALE = 100,0000' / in.	DATE -	REVISED -		* = VARIOUS			CONTRACT NO. 76K87				
	PLOT DATE = 7/3/2017				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	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		



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

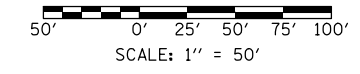
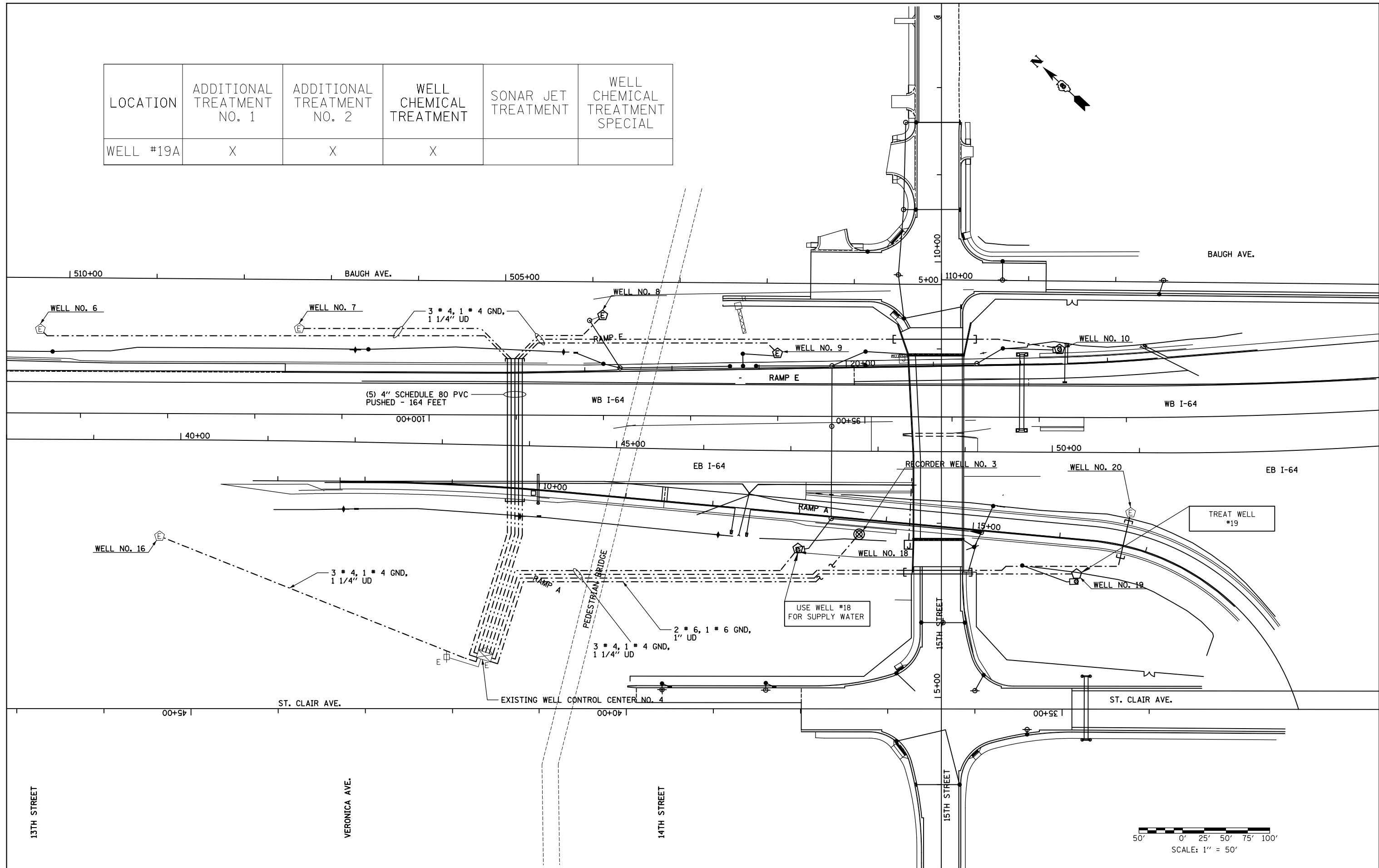
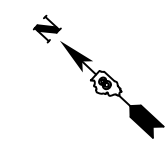
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Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 7/3/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 2 SITE PLAN TRI-LEVEL WELLS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 DEEP WELLS 2018-1	*	9	5
* = VARIOUS			CONTRACT NO. 76K87	
ILLINOIS		FED. AID PROJECT		

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

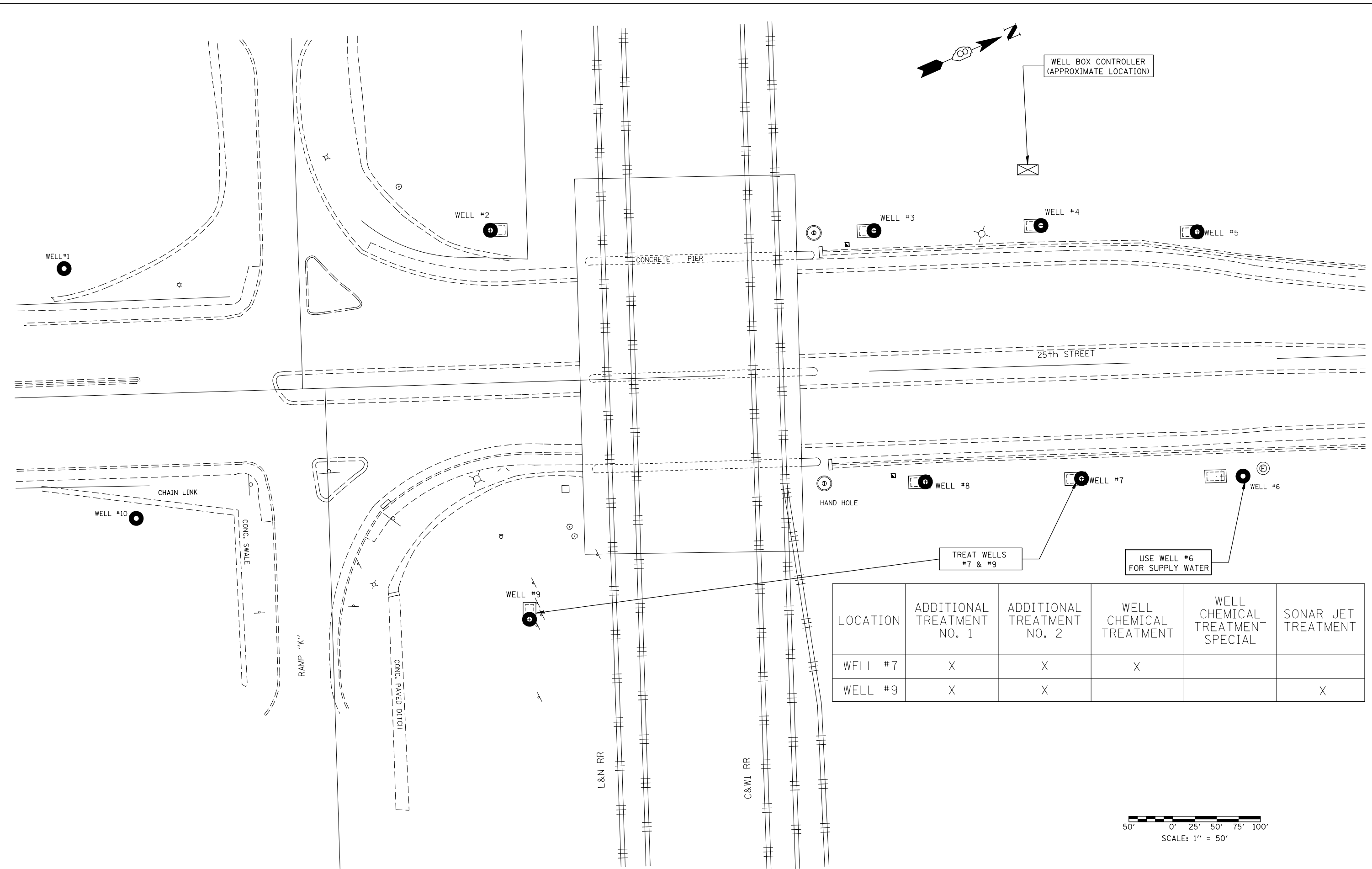


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DATE = 7/3/2017	DATE -	REVISED -	REVISED -

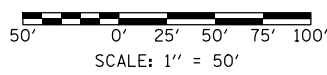
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

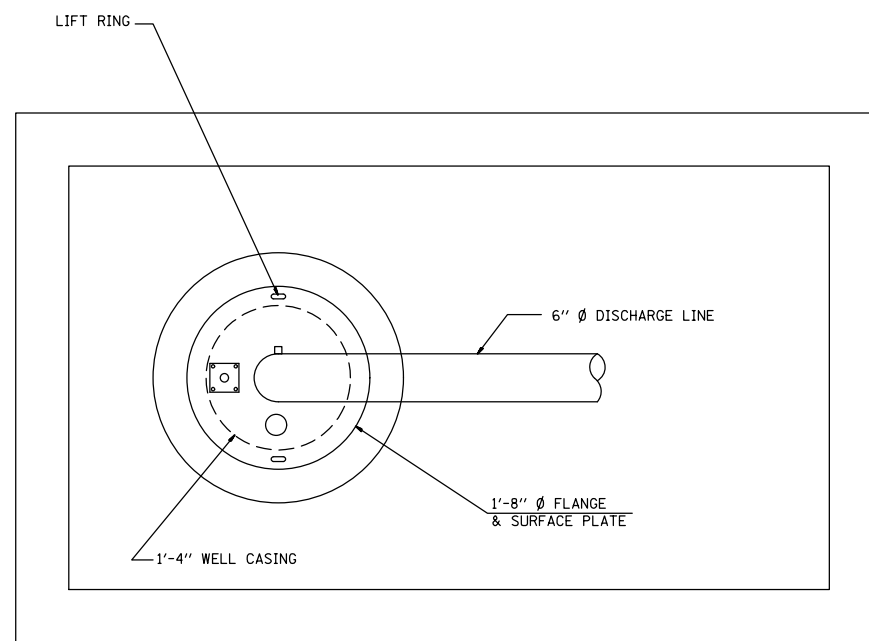
LOCATION 3 SITE PLAN 15TH ST WELLS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	DIST 8 DEEP WELLS 2018-1	-	9	6
* = VARIOUS			CONTRACT NO. 76K87	
ILLINOIS		FED. AID PROJECT		

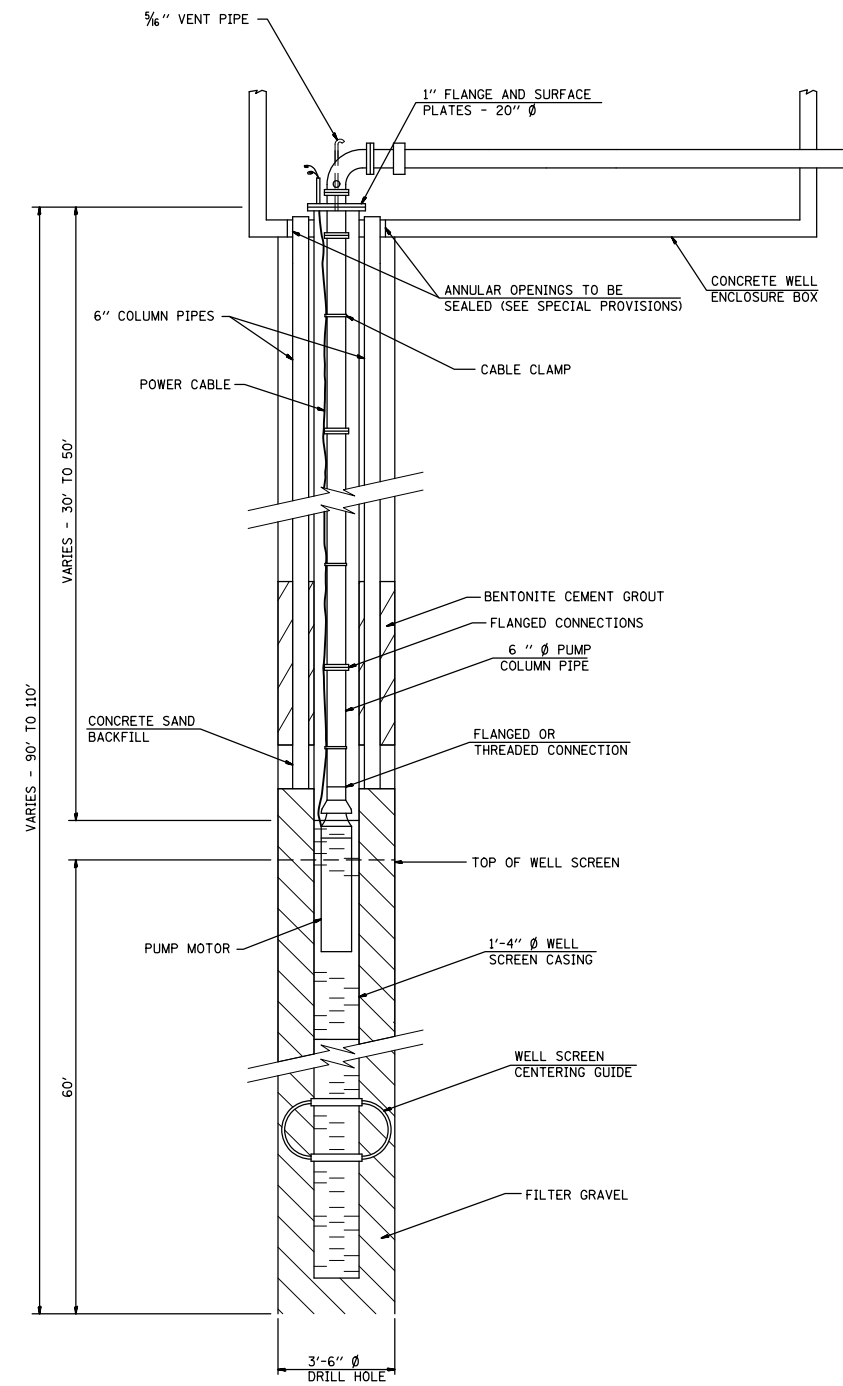


LOCATION	ADDITIONAL TREATMENT NO. 1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	WELL CHEMICAL TREATMENT SPECIAL	SONAR JET TREATMENT
WELL #7	X	X	X		
WELL #9	X	X			X





WELL HEAD DETAIL



EXISTING

NOT TO SCALE

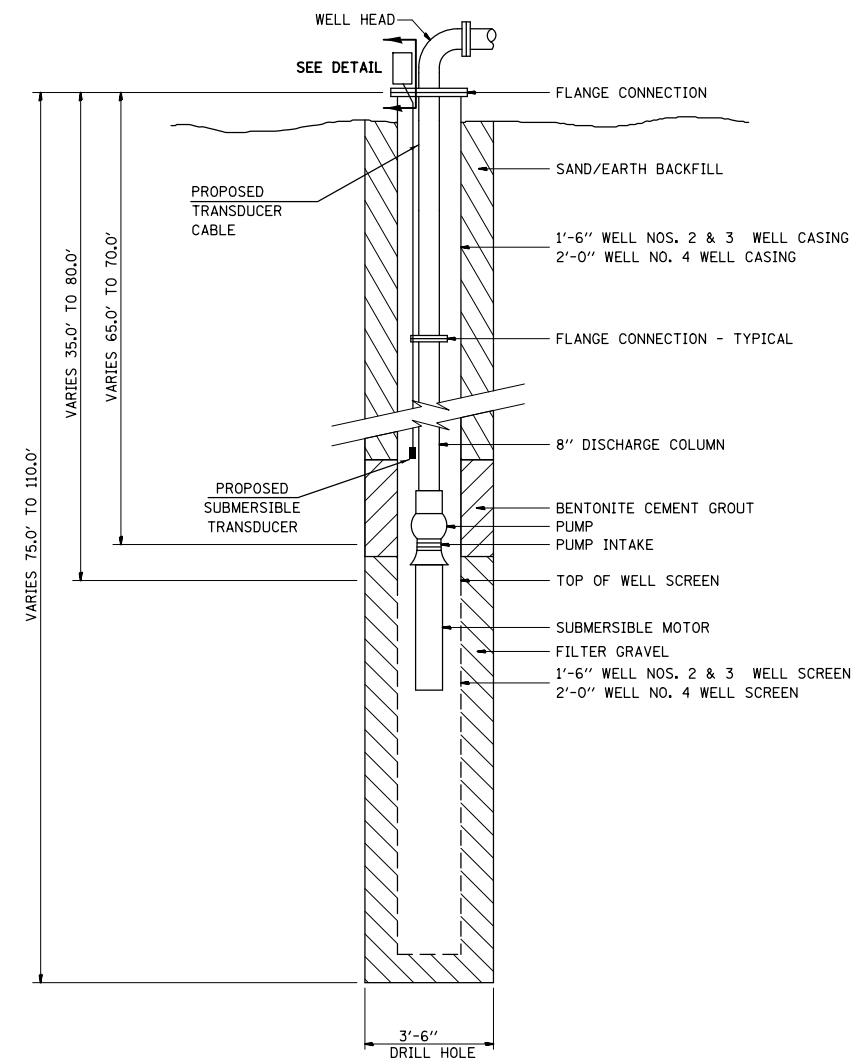
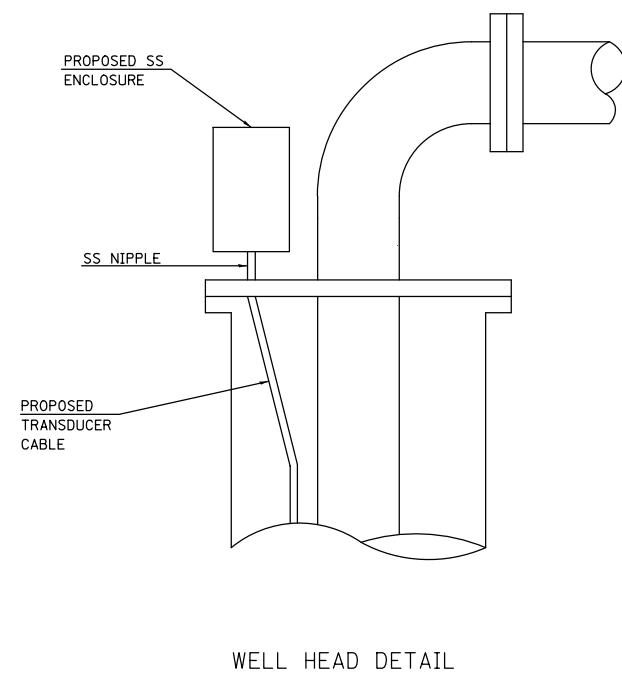
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DATE = 7/3/2017	DATE -	REVISOR -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL WELL DETAILS LOCATION 2, 3, 4

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 DEEP WELLS 2018-1	*	9	8
* = VARIOUS			CONTRACT NO. 76K87	
ILLINOIS		FED. AID PROJECT		



NOT TO SCALE

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	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 7/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL WELL DETAILS LOCATION 1

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 DEEP WELLS 2018-1	*	9	9
* = VARIOUS			CONTRACT NO. 76K87	
ILLINOIS		FED. AID PROJECT		