

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION DIST 8 DEEP WELLS 2017-1

WELL TREATMENT
ST. CLAIR COUNTY

C-98-033-16

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 DEEP WELLS 2017-1	*	8	1
*VARIOUS		ILLINOIS	CONTRACT NO. 76J55	

D-98-036-16



FUNCTIONAL CLASSIFICATION
RURAL MINOR ARTERIAL

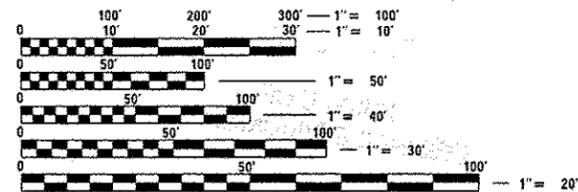
LOCATION 1:	LOCATION 2:
2017 ADT = 48000	2017 ADT = 24700
S.U. = 2.4% M.U. = 7.8%	S.U. = 2.4% M.U. = 10.5%

INDEX OF SHEETS

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

STANDARDS

- 000001-06
- 001006
- 701400-08
- 701401-09
- 701428-01
- 701901-05

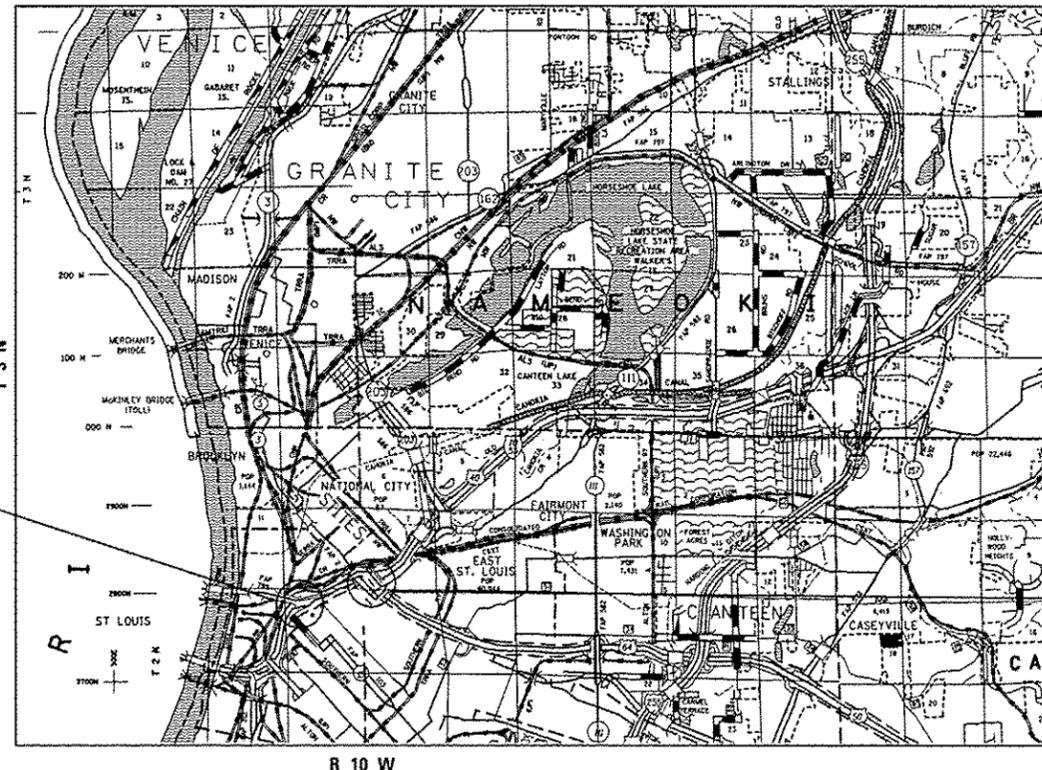


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

LOCATION 1
MISSOURI
AVENUE WELLS

- LOCATION 1
- WELL 2:
LATITUDE: 38.62881
LONGITUDE: -90.16176
 - WELL 3:
LATITUDE: 38.62905
LONGITUDE: -90.15909
 - 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 2
TRI-LEVEL
LOCATION 2
LATITUDE: 38.633
LONGITUDE: -90.14486

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *June 14 2016*
Jeffrey Z. Kamras
REGIONAL ENGINEER

Aug 12 2016
Maureen M. Addis
ENGINEER OF DESIGN AND ENVIRONMENT

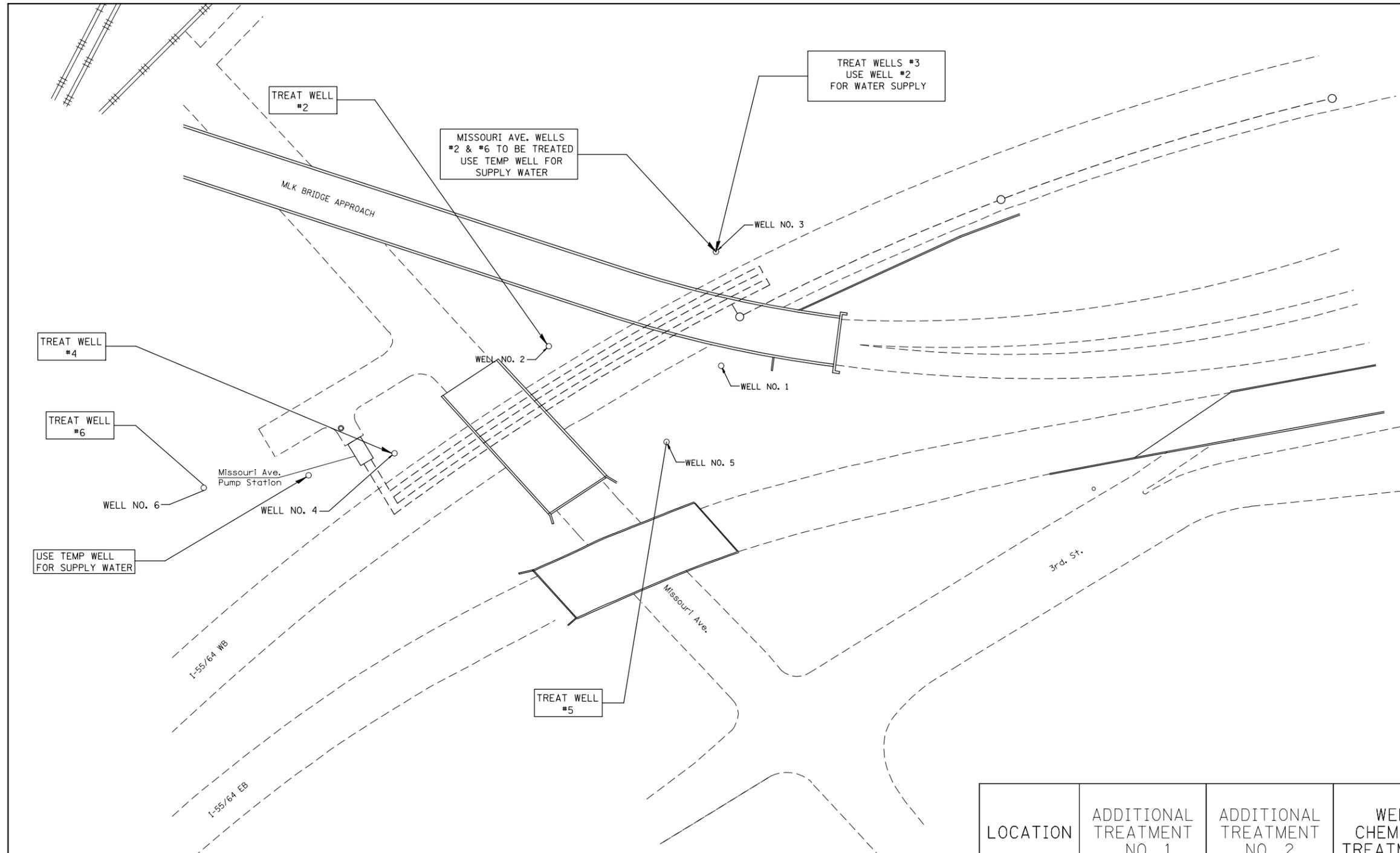
Aug 12 2016
Chris Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

GROSS LENGTH = 6683.727 FT. = 1.100 MILE
NET LENGTH = 6683.727 FT. = 1.100 MILE

CONTRACT NO. 76J55

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OF THE STATE OF ILLINOIS



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	

FILE NAME =	USER NAME = boboje	DESIGNED -	REVISED -
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	PLOT DATE = 6/14/2016	DATE -	REVISED -

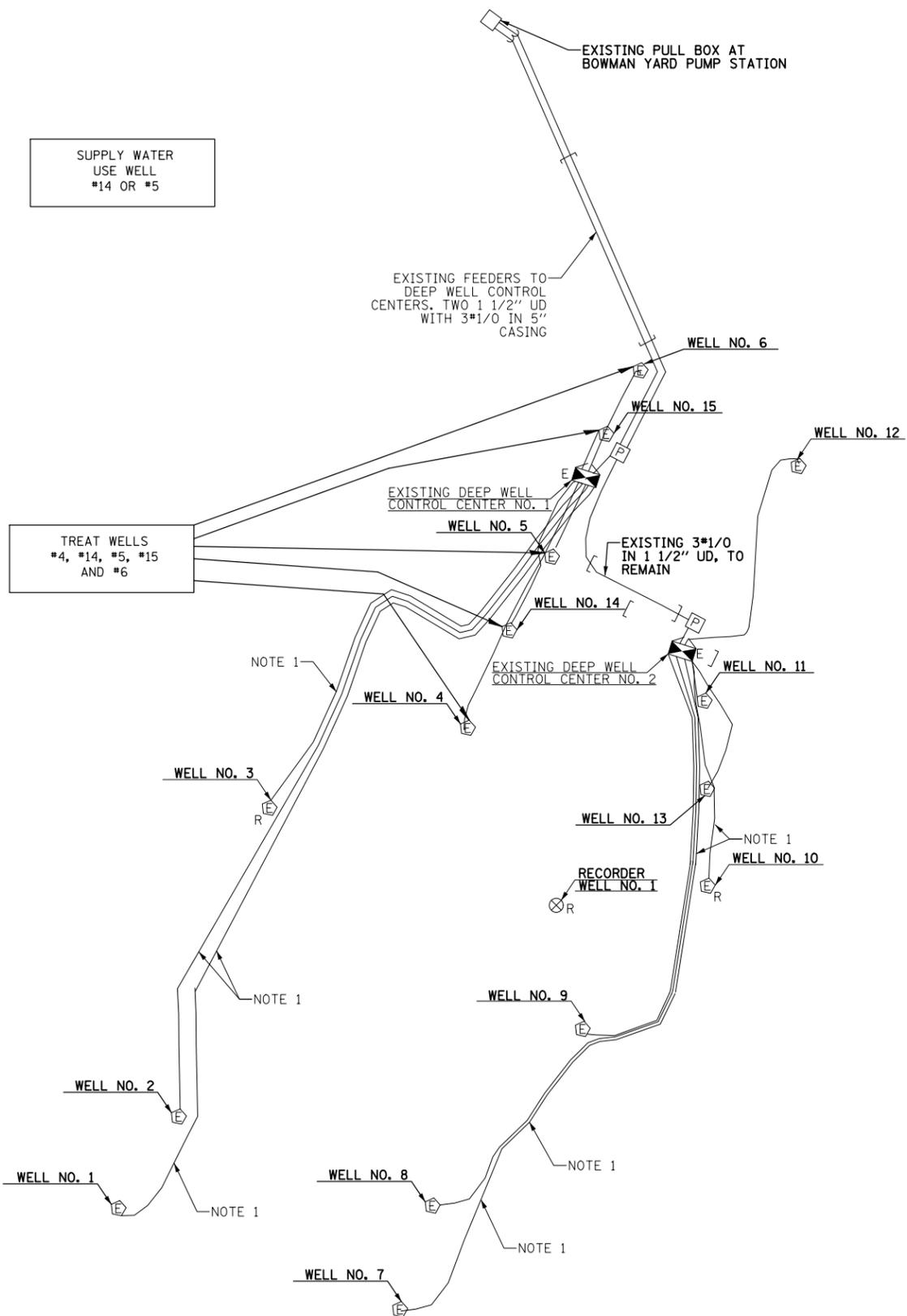
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 1 SITE PLAN MISSOURI AVENUE WELLS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

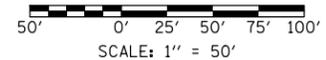
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 DEEP WELLS 2017-1	*	8	4
* = VARIOUS		CONTRACT NO. 76J55		
ILLINOIS FED. AID PROJECT				

NOTES:

- EXISTING CABLE AND RACEWAY TO BE DISCONNECTED AND ABANDONED.

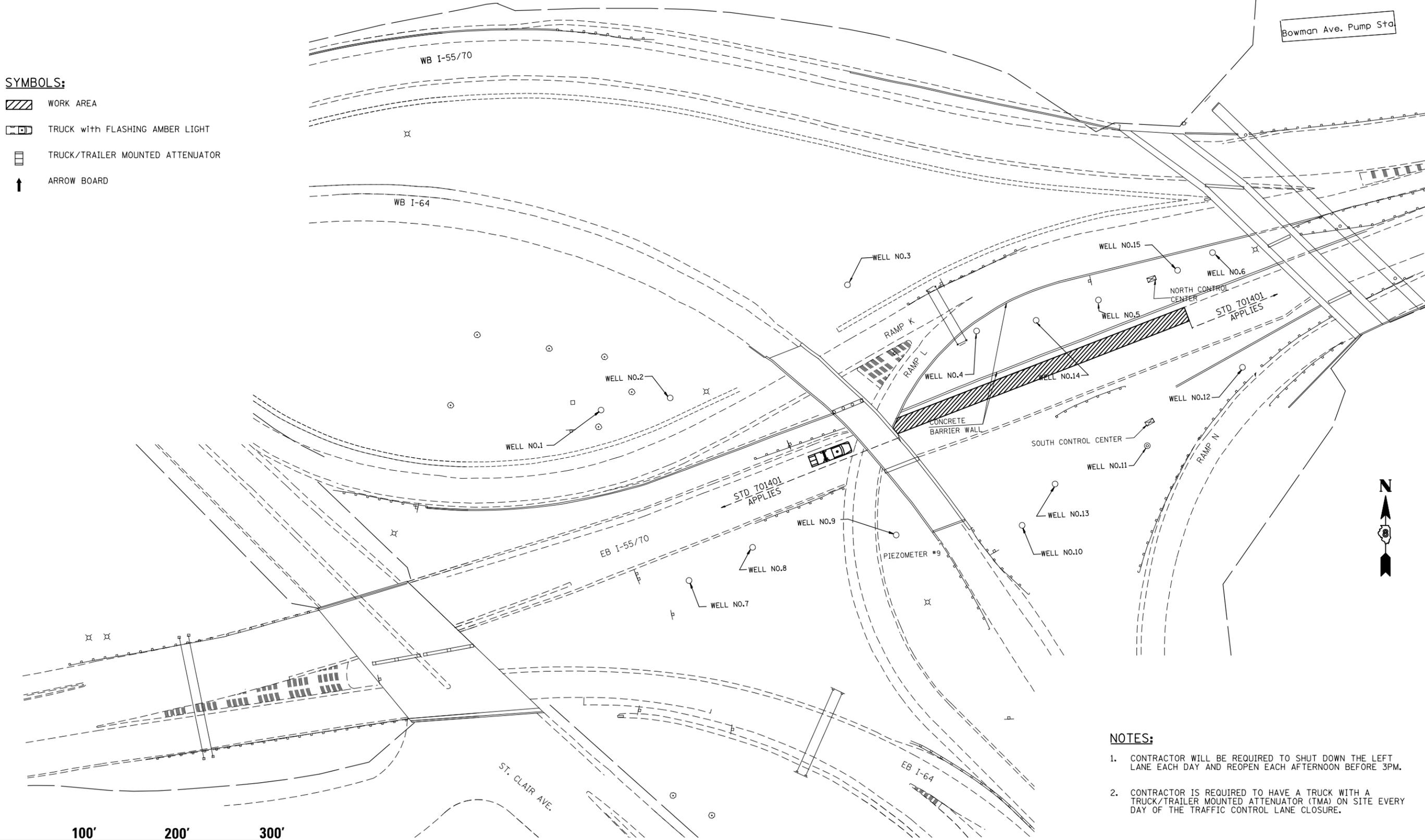


LOCATION	ADDITIONAL TREATMENT NO. 1	ADDITIONAL TREATMENT NO. 2	WELL CHEMICAL TREATMENT	SONAR JET TREATMENT	WELL CHEMICAL TREATMENT SPECIAL
WELL #4	X	X	X		
WELL #14	X	X	X		
WELL #5	X	X		X	
WELL #15	X	X	X		
WELL #6	X	X	X		



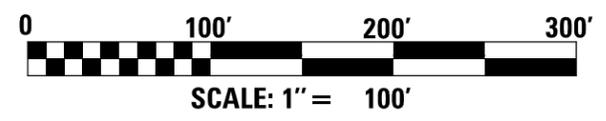
SYMBOLS:

-  WORK AREA
-  TRUCK with FLASHING AMBER LIGHT
-  TRUCK/TRAILER MOUNTED ATTENUATOR
-  ARROW BOARD

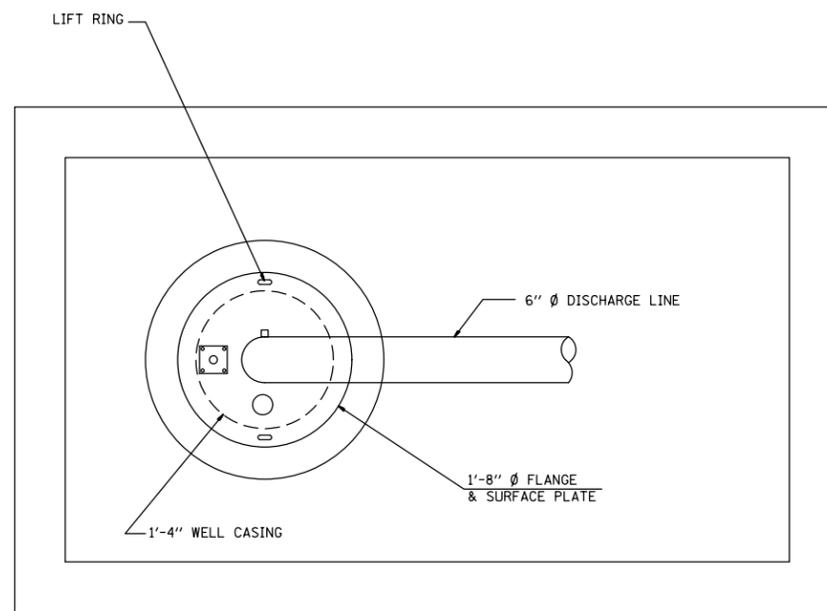


NOTES:

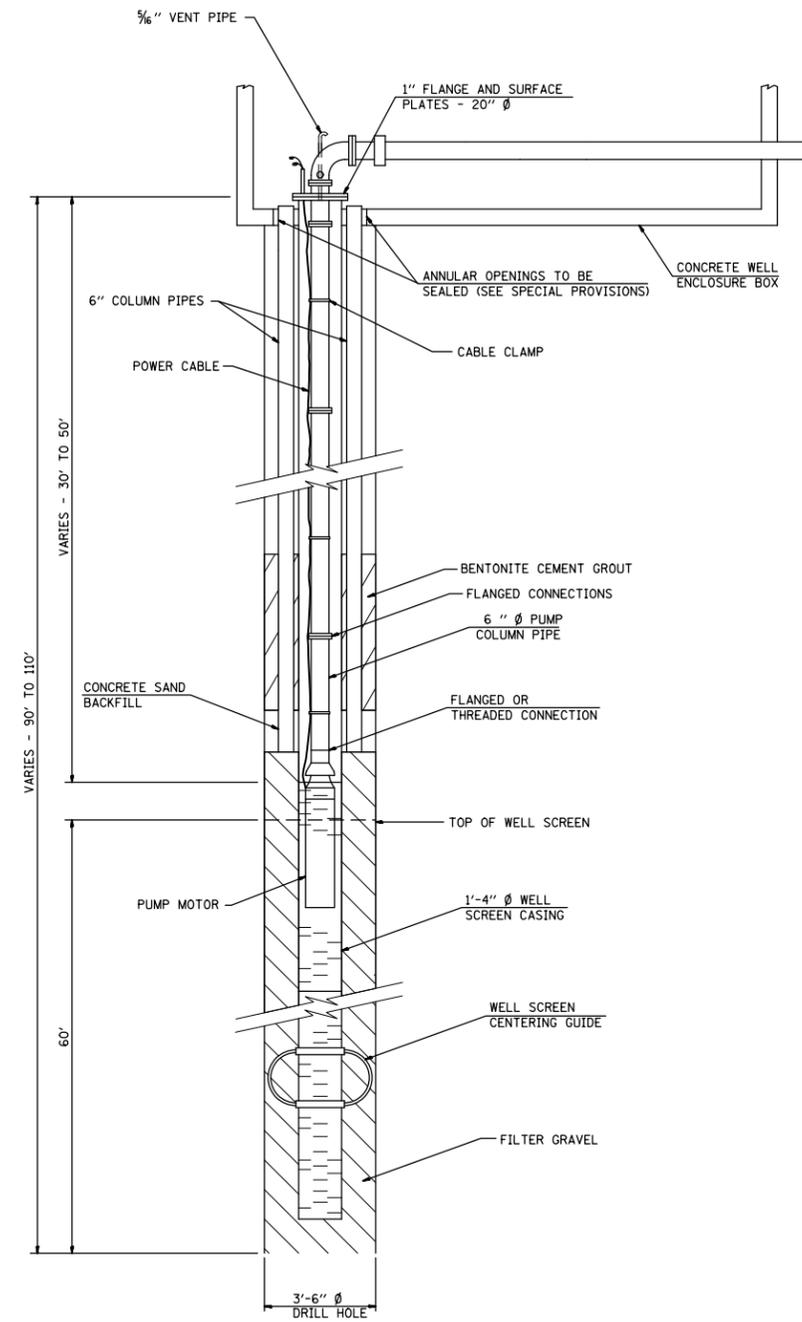
1. CONTRACTOR WILL BE REQUIRED TO SHUT DOWN THE LEFT LANE EACH DAY AND REOPEN EACH AFTERNOON BEFORE 3PM.
2. CONTRACTOR IS REQUIRED TO HAVE A TRUCK WITH A TRUCK/TRAILER MOUNTED ATTENUATOR (TMA) ON SITE EVERY DAY OF THE TRAFFIC CONTROL LANE CLOSURE.



FILE NAME =	USER NAME = boboja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION PLAN				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default					LOCATION 2				*	DIST 8 DEEP WELLS 2017-1	*	8	6
					SCALE: SHEET OF SHEETS STA. TO STA.				* = VARIOUS		CONTRACT NO. 76J55		
					ILLINOIS FED. AID PROJECT								



WELL HEAD DETAIL



EXISTING

NOT TO SCALE

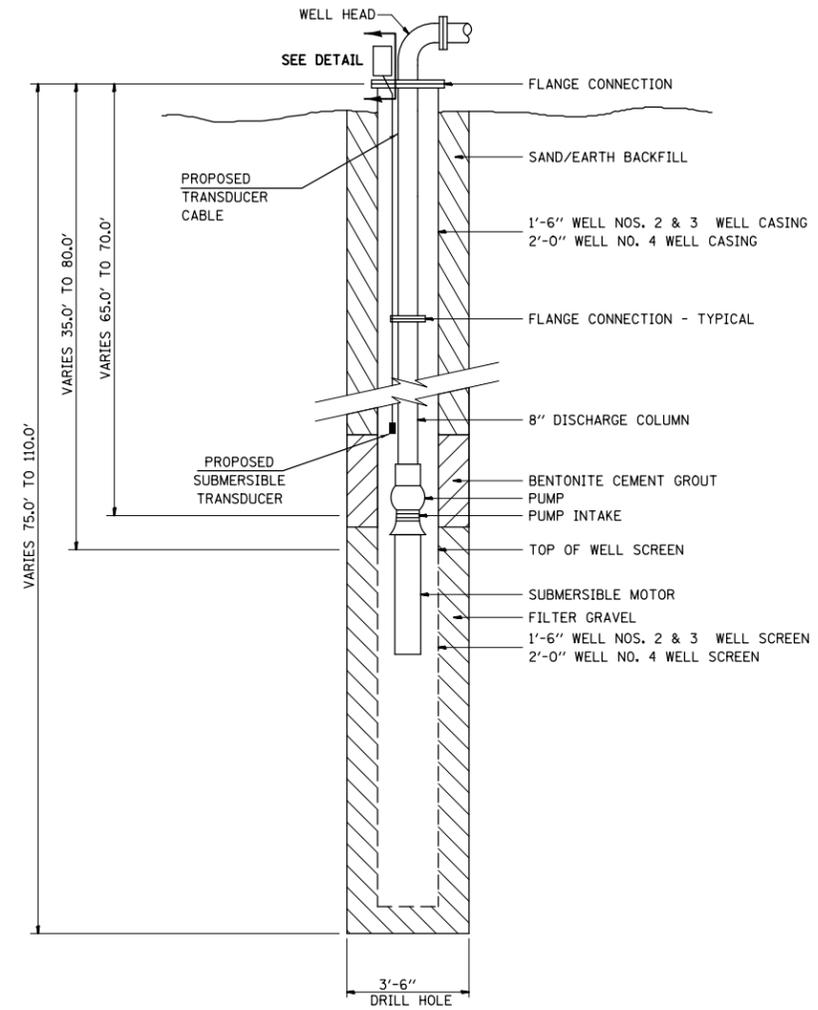
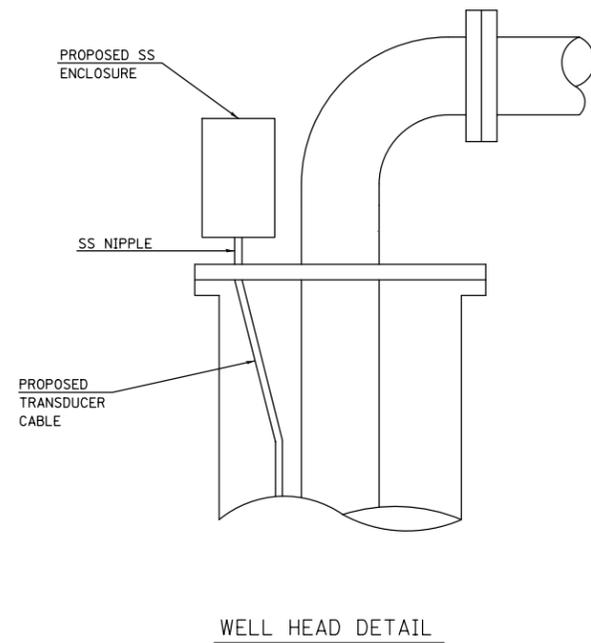
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Default	PLOT SCALE = 99.9630' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/14/2016	DATE -	REVISED -

**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 2017-1	*	8	7
* = VARIOUS			CONTRACT NO. 76J55	
ILLINOIS FED. AID PROJECT				



NOT TO SCALE

FILE NAME =	USER NAME = boboja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL WELL DETAILS LOCATION 2	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE = 99.9630' / in.	CHECKED -	REVISED -			•=VARIOUS		CONTRACT NO. 76J55			
	PLOT DATE = 6/14/2016	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
						ILLINOIS FED. AID PROJECT					