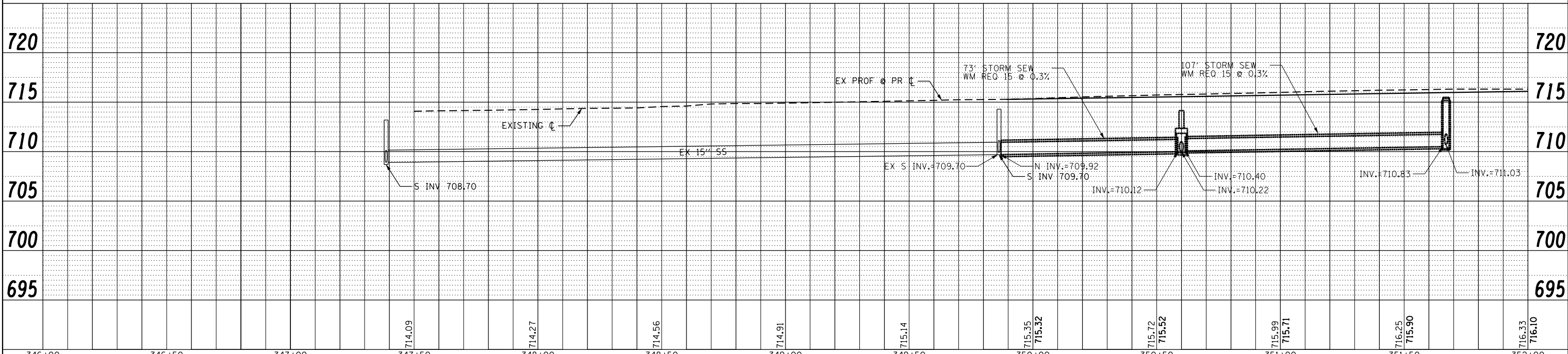
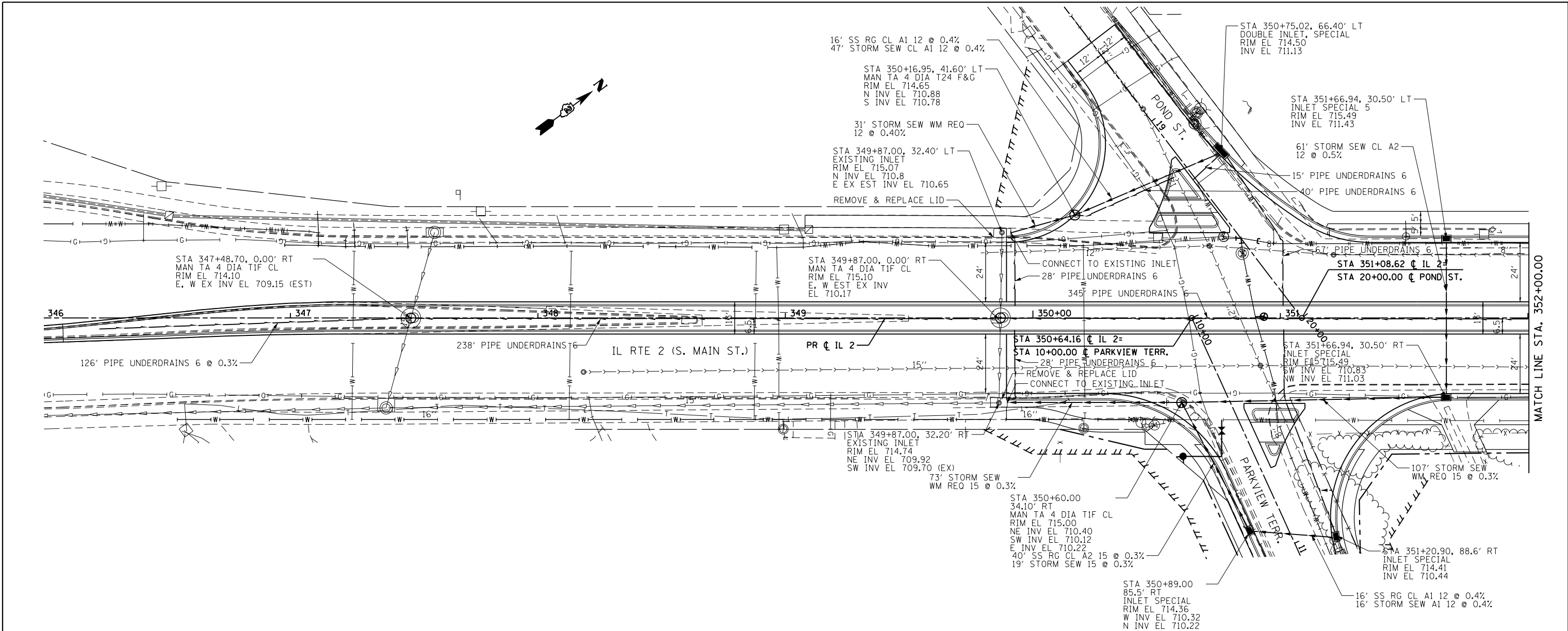


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	PLOTTED	BY
	GRADES CHECKED	
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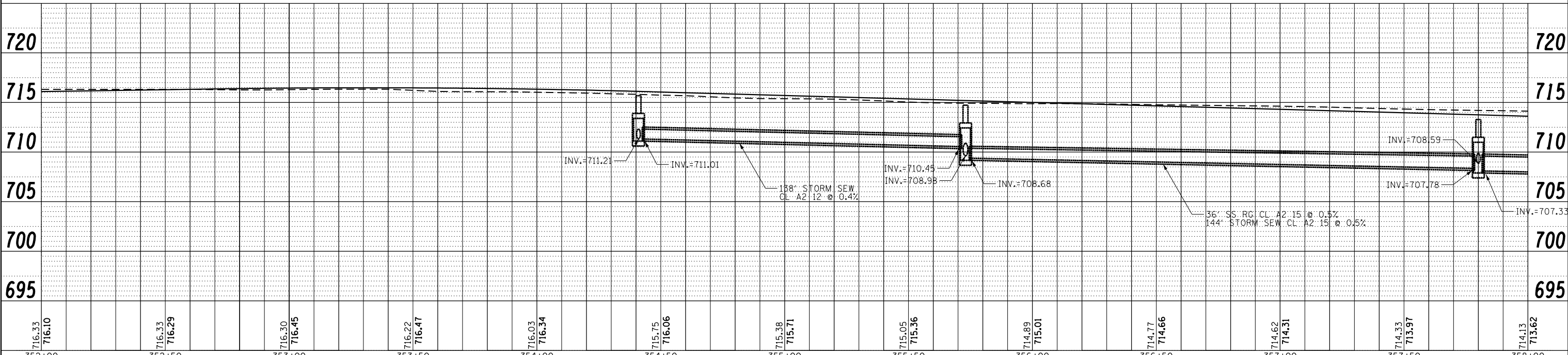
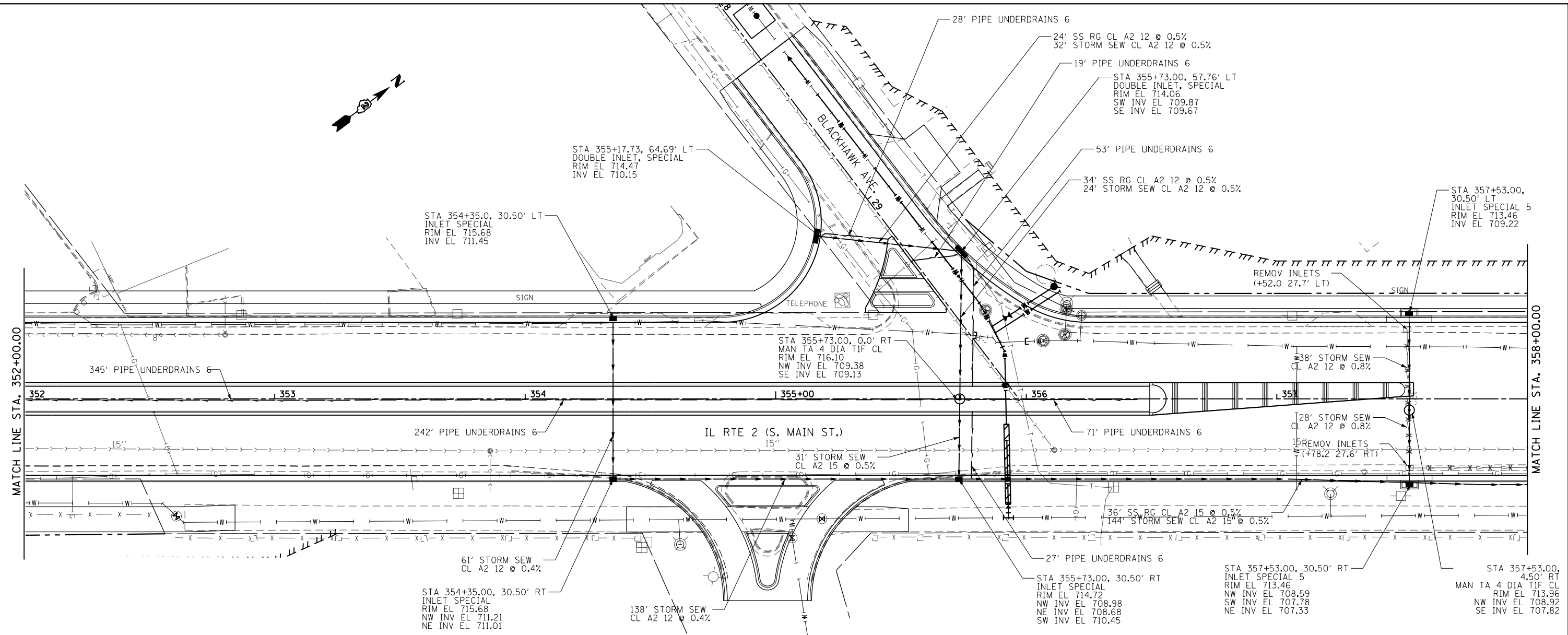
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	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY IL RTE 2			F.A.P. RTE. = 742	SECTION = (32, 33) R-1	COUNTY = WINNEBAGO	TOTAL SHEETS = 705	SHEET NO. = 301
FILEL		DRAWN -	REVISED -		SCALE: 1:20	SHEET NO. 2 OF 35 SHEETS	STA. 346+00 TO STA. 352+00	CONTRACT NO. 64821				
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
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	NOTE BOOK NO.	
	FILE NAME	

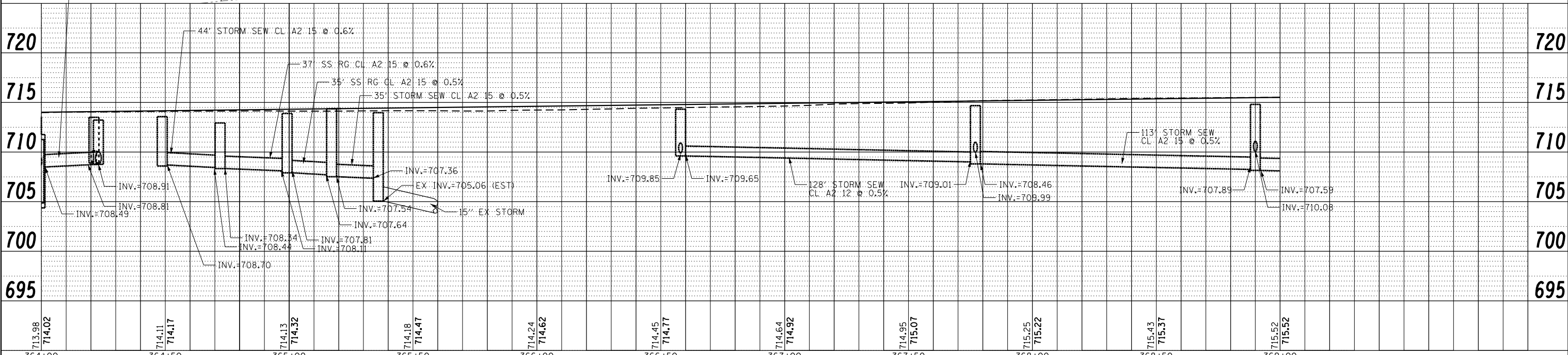
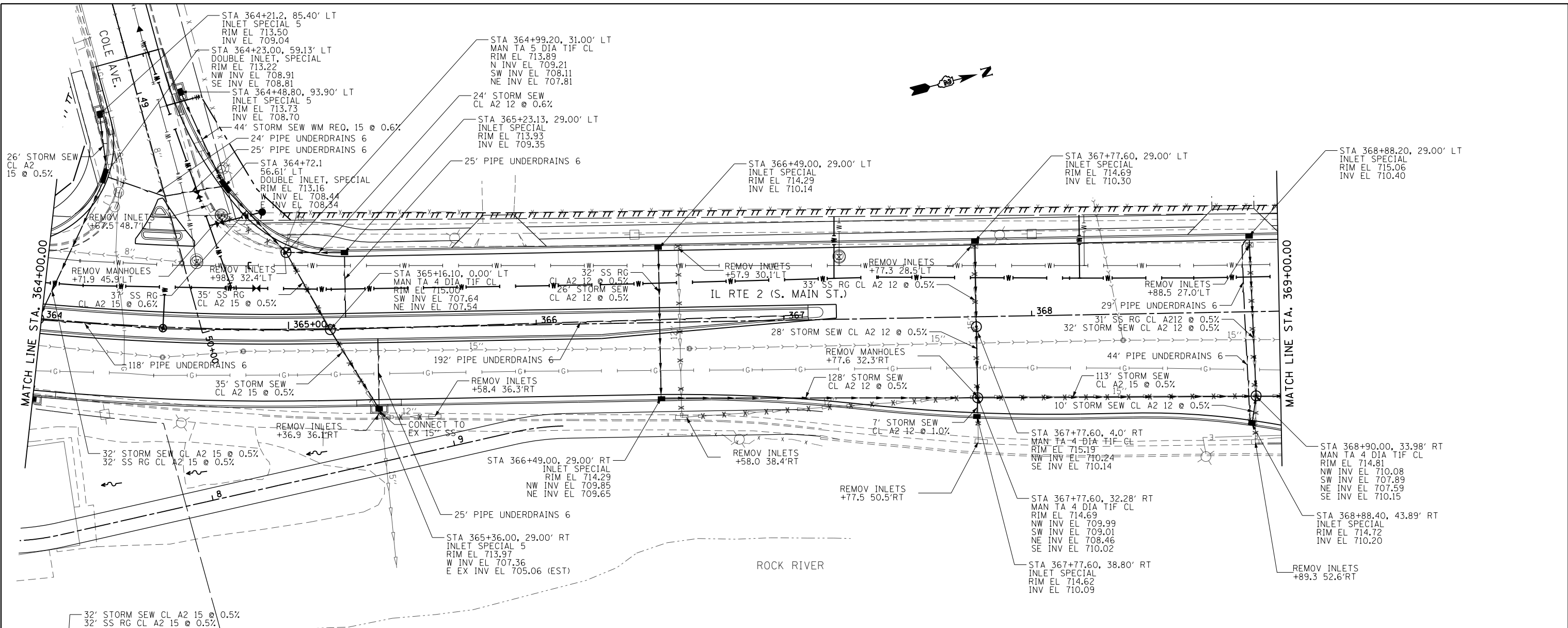
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	PLOTTED	BY
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	NOTE BOOK NO.	
	FILE NAME	



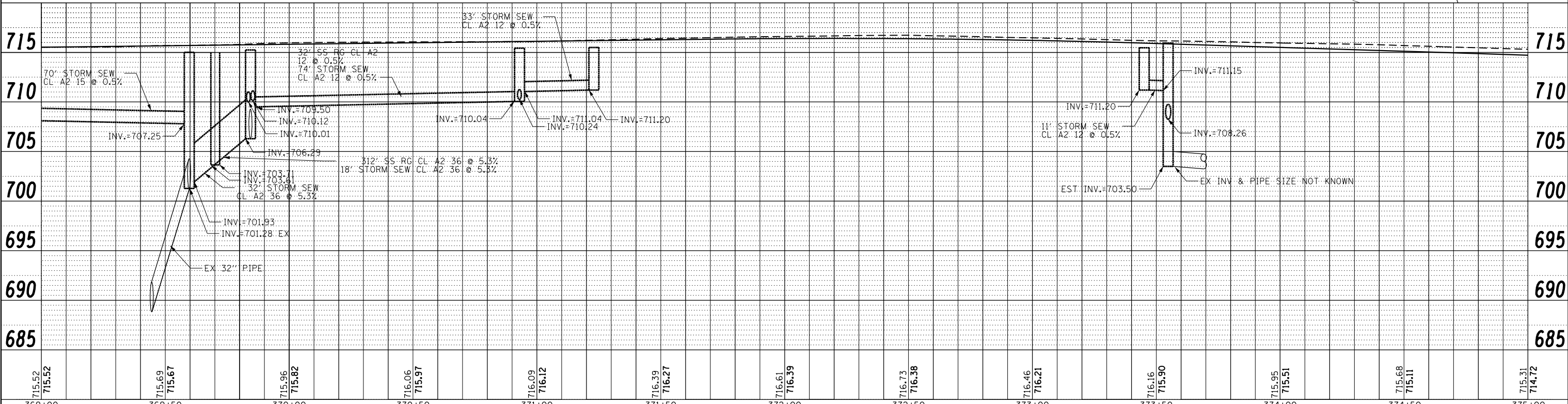
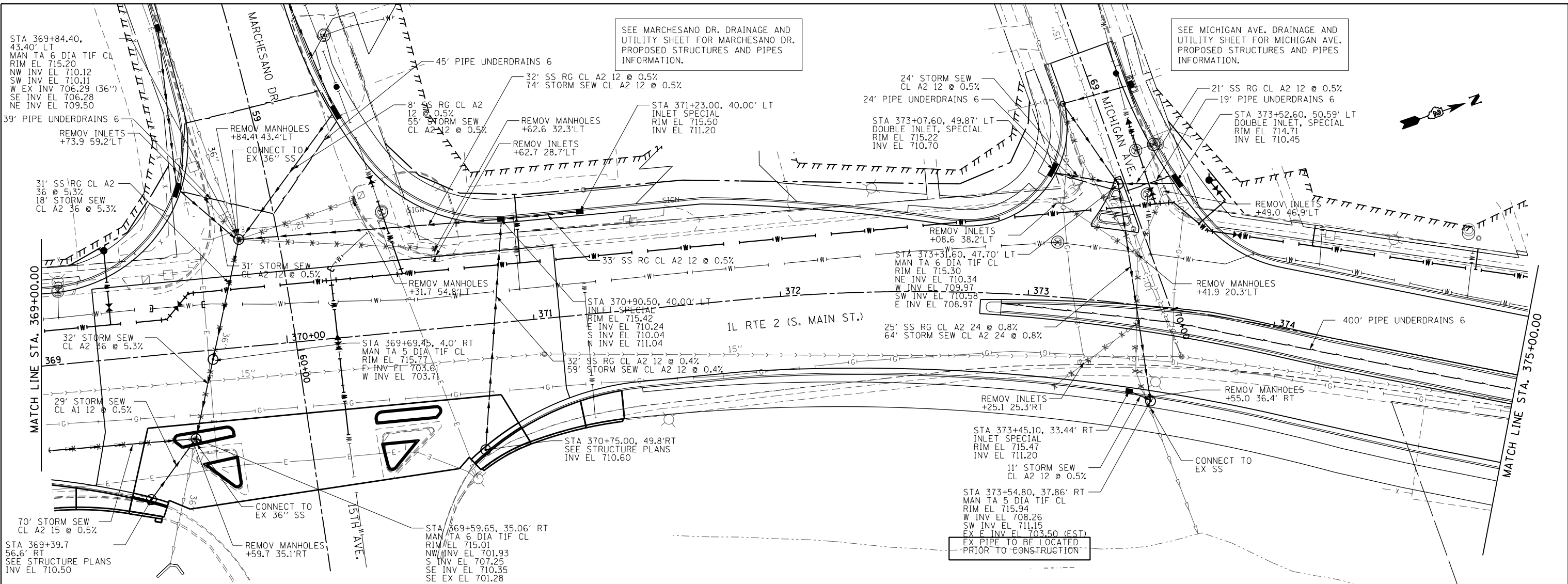
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FILEL	PLOT SCALE = *SCALE*	DRAWN -	REVISED -		SCALE: 1:20	SHEET NO. 3 OF 35 SHEETS	STA. 352+00 TO STA. 358+00	CONTRACT NO. 64821				
	PLOT DATE = *DATE*	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

DATE	
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	ALIGNED
	CHECKED
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	GRADES
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	STRUCTURE
	NOTATIONS
	CHFD
	NO.



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY IL RTE 2	F.A.P. R.T.E. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	304	
		CHECKED -	REVISED -			CONTRACT NO. 64821					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHP/D	

SEE MARCHESANO DR. DRAINAGE AND UTILITY SHEET FOR MARCHESANO DR. PROPOSED STRUCTURES AND PIPES INFORMATION.

SEE MICHIGAN AVE. DRAINAGE AND UTILITY SHEET FOR MICHIGAN AVE. PROPOSED STRUCTURES AND PIPES INFORMATION.

EX PIPE TO BE LOCATED PRIOR TO CONSTRUCTION

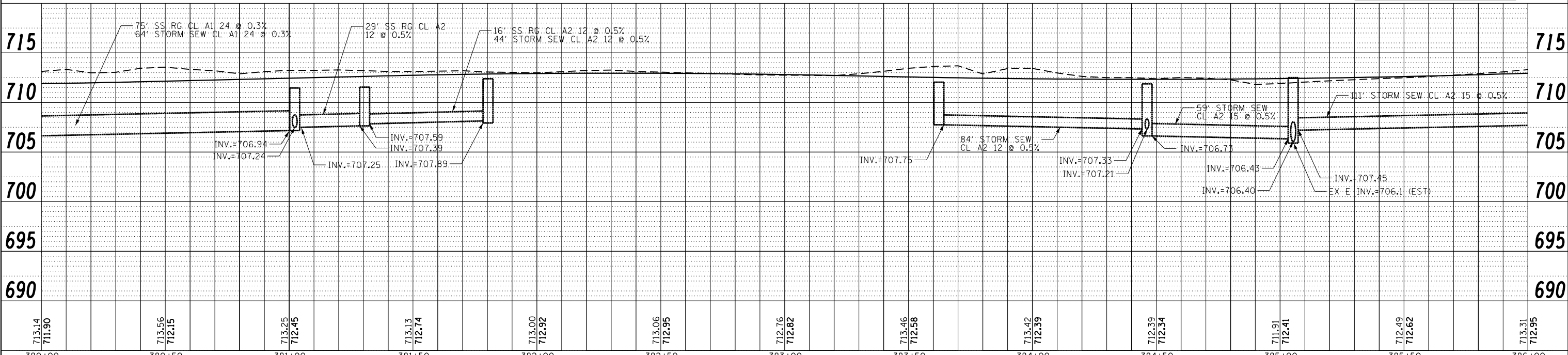
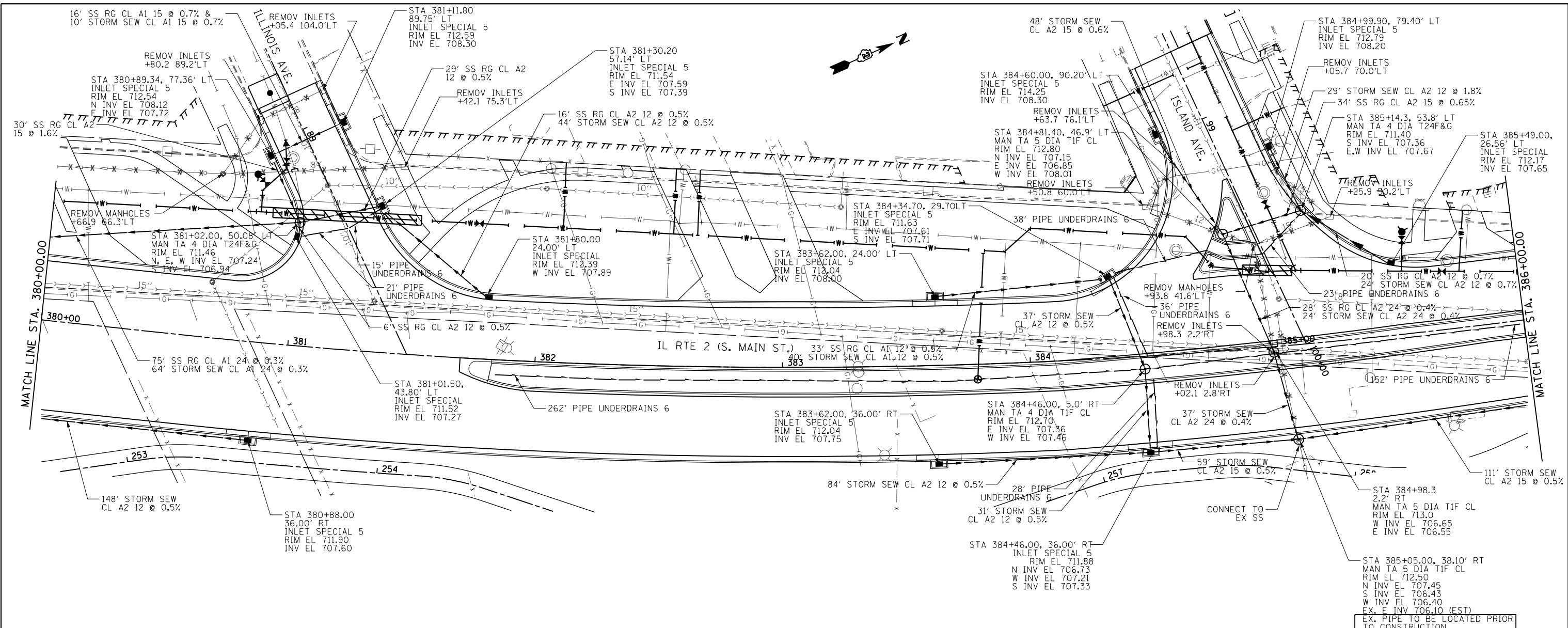
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY
IL RTE 2

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	SCALE: 1:20	SHEET NO. 6 OF 35 SHEETS	STA. 369+00 TO STA. 375+00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL		DRAWN -	REVISED -				742	(32, 33) R-1	WINNEBAGO	705	305
		CHECKED -	REVISED -				CONTRACT NO. 64821				
		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

DATE	
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PLAN	SURVEYED
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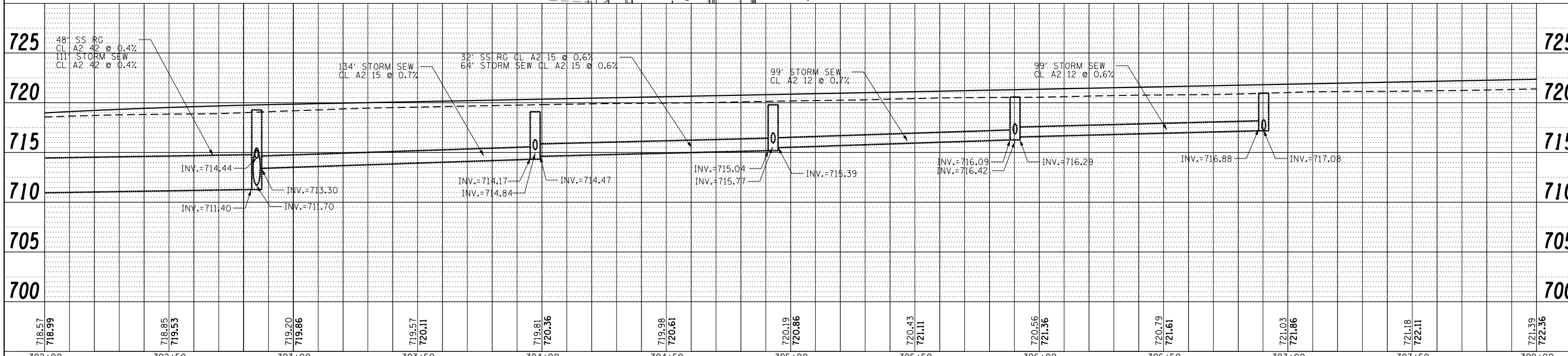
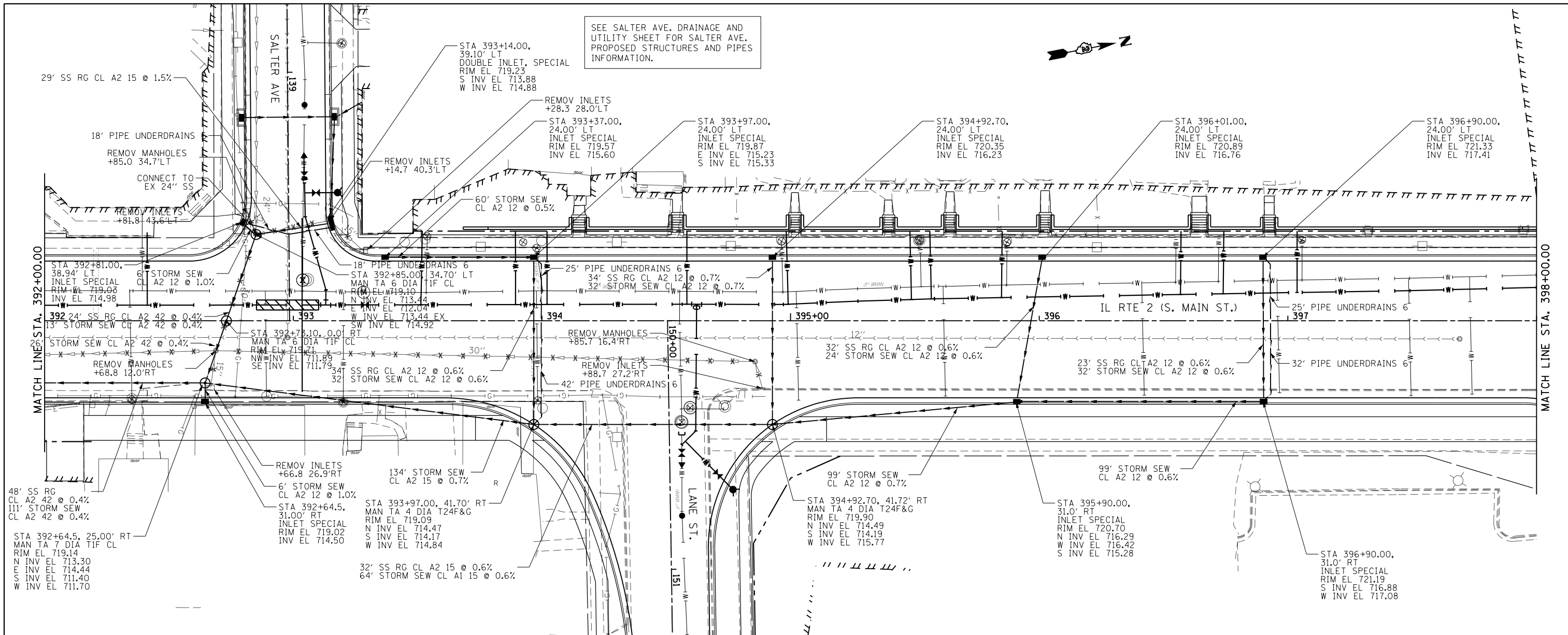


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FILEL		DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	307	
		CHECKED -	REVISED -			CONTRACT NO. 64821					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1:20 SHEET NO. 8 OF 35 SHEETS STA. 380+00 TO STA. 386+00

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PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	DESIGNED
	NO. _____
	FILE NAME

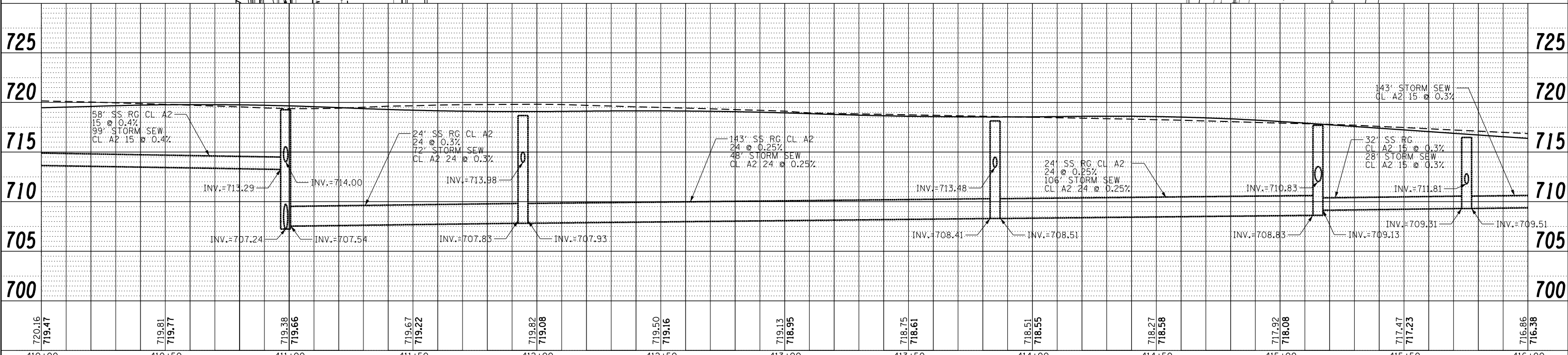
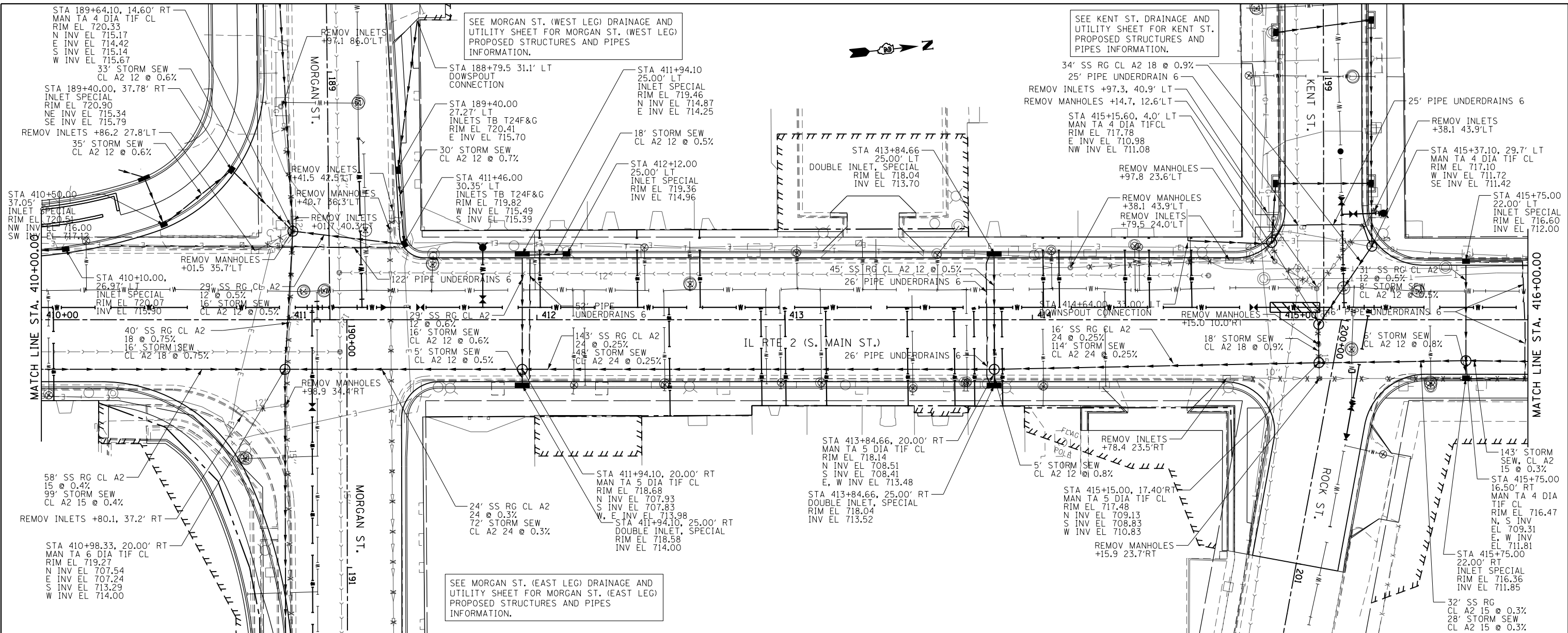
DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
	NO. _____
	FILE NAME



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY IL RTE 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL		DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	309
		CHECKED -	REVISED -			CONTRACT NO. 64821				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
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	DESIGNED
	DRAWN
	FILED
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DATE	
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PROFILE	SURVEYED
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	GRADES
	STRUCTURE
	NOTATIONS
	CHPND
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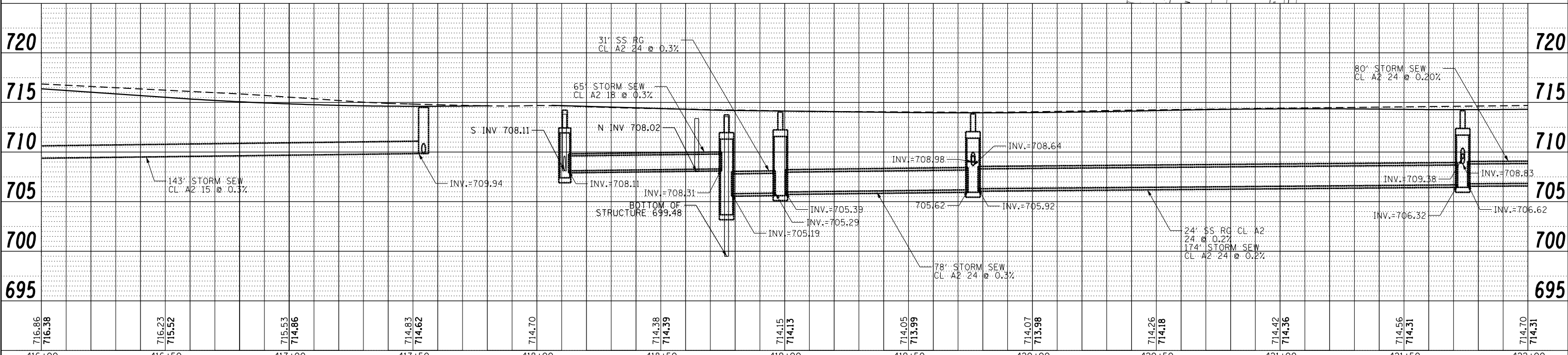
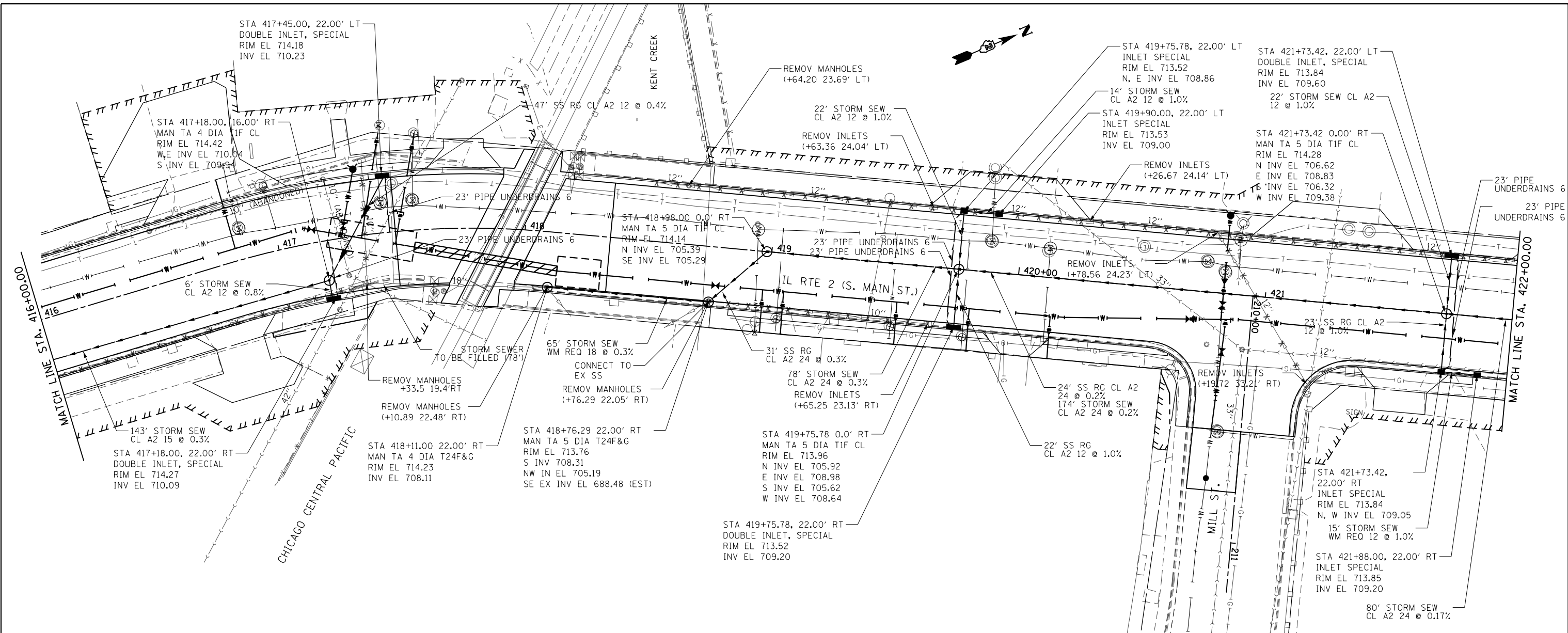


FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY IL RTE 2	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL	PLOT SCALE = *SCALE*	DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	312
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		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: 1:20 SHEET NO. 13 OF 35 SHEETS STA. 410+00 TO STA. 416+00

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

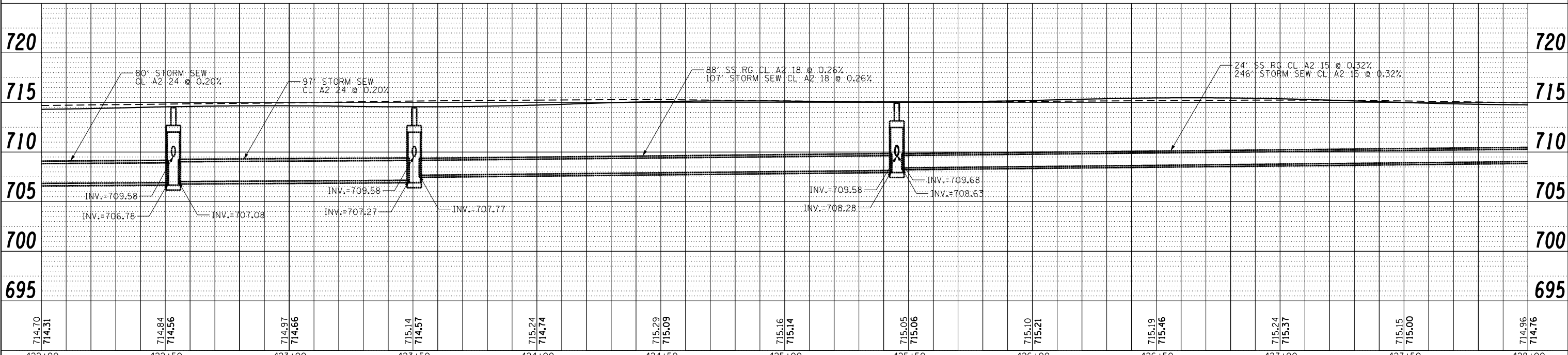
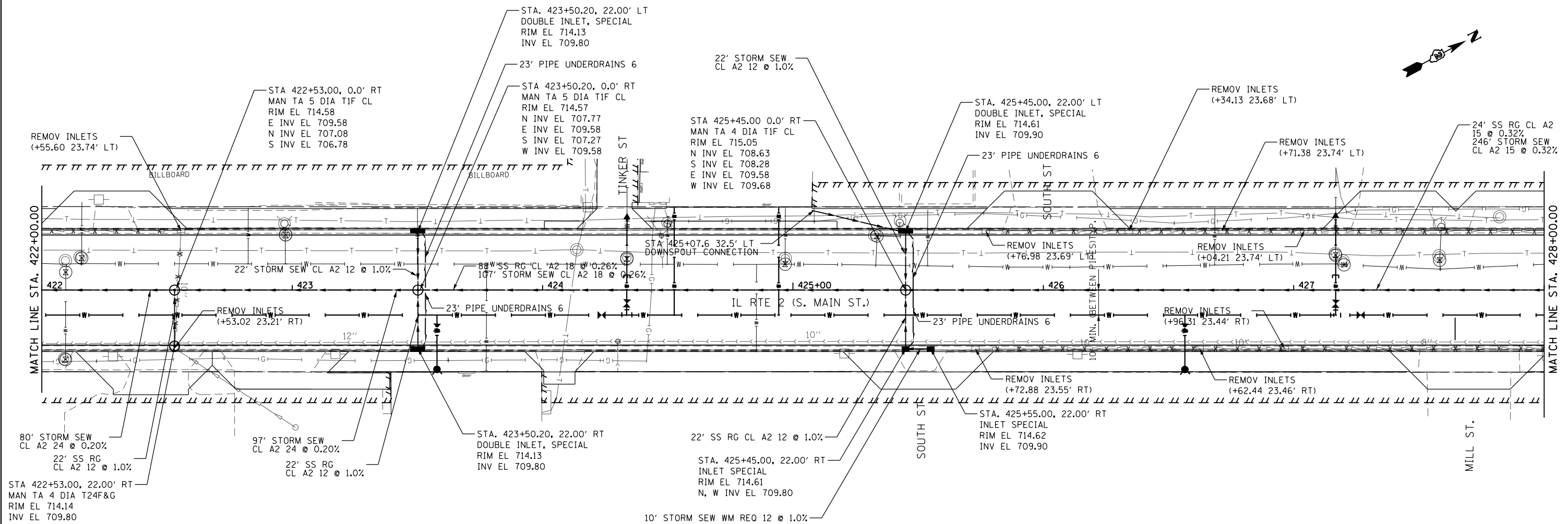
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY IL RTE 2			F.A.P. R.T.E. = 742	SECTION = (32, 33) R-1	COUNTY = WINNEBAGO	TOTAL SHEETS = 705	SHEET NO. = 313
FILEL		DRAWN -	REVISED -		SCALE: 1:20	SHEET NO. 14 OF 35 SHEETS	STA. 416+00 TO STA. 422+00	CONTRACT NO. 64821				
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
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	FILED	
NO.	FILE NAME	

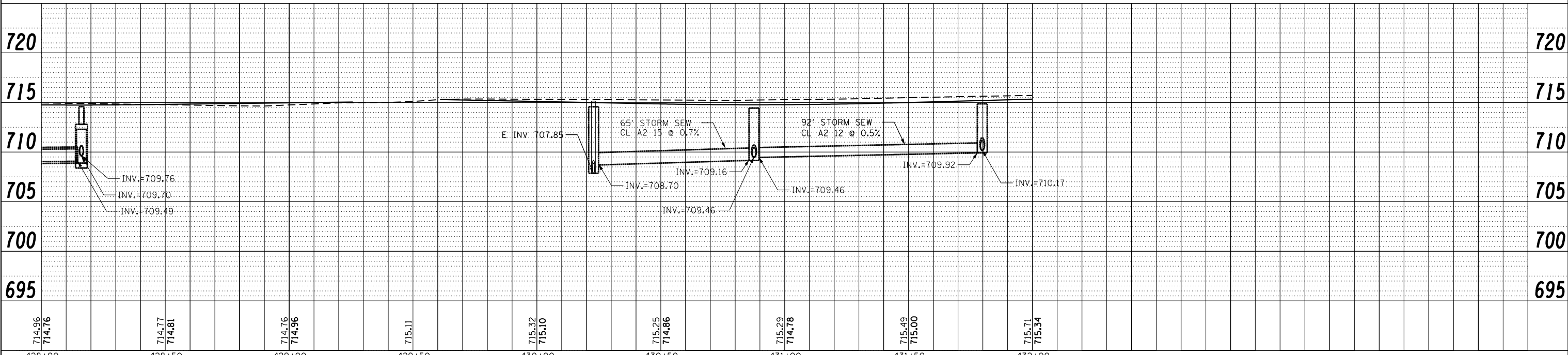
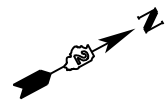
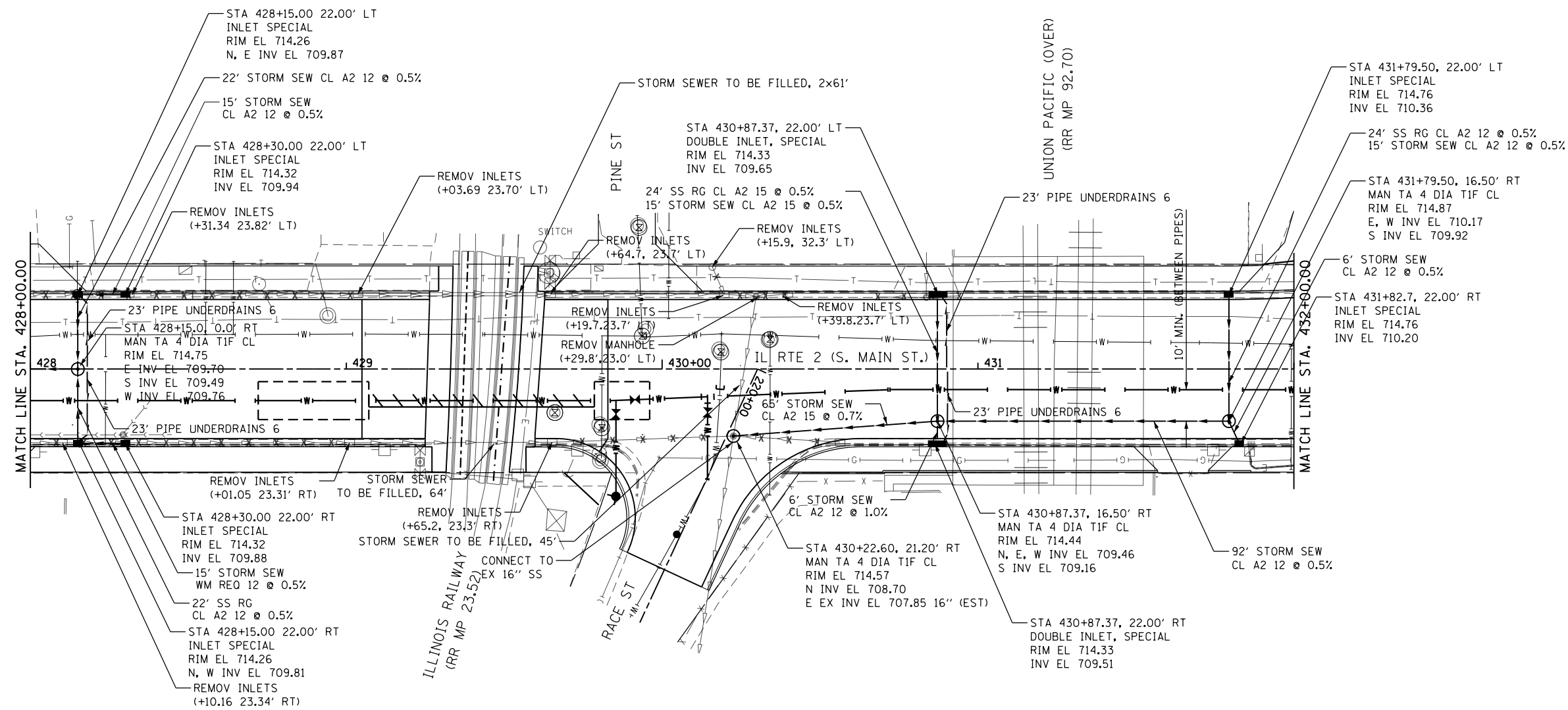
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	PLOTTED	
	GRADES CHECKED	
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NO.	NOTATION	



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY IL RTE 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	314	
		CHECKED -	REVISED -			CONTRACT NO. 64821					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
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	NOTATIONS	
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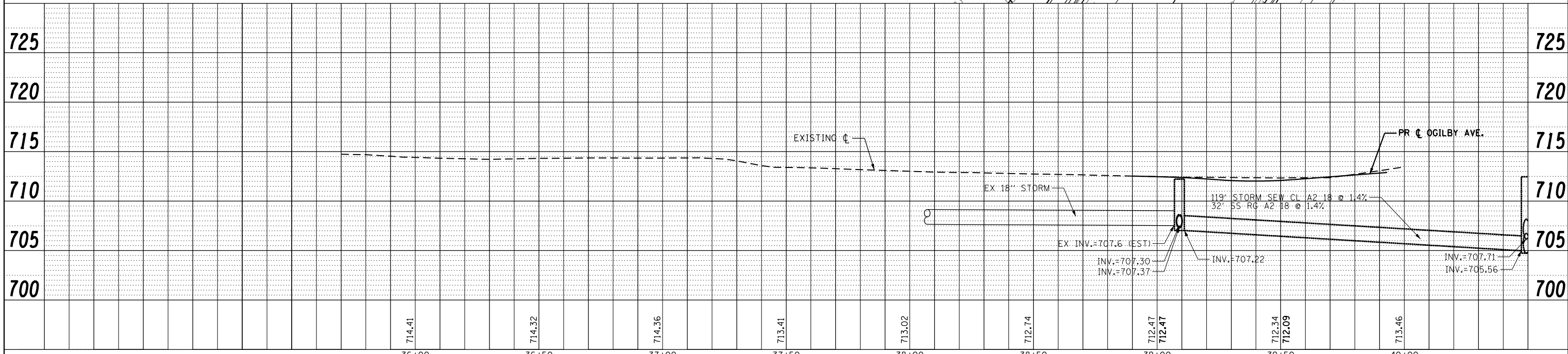
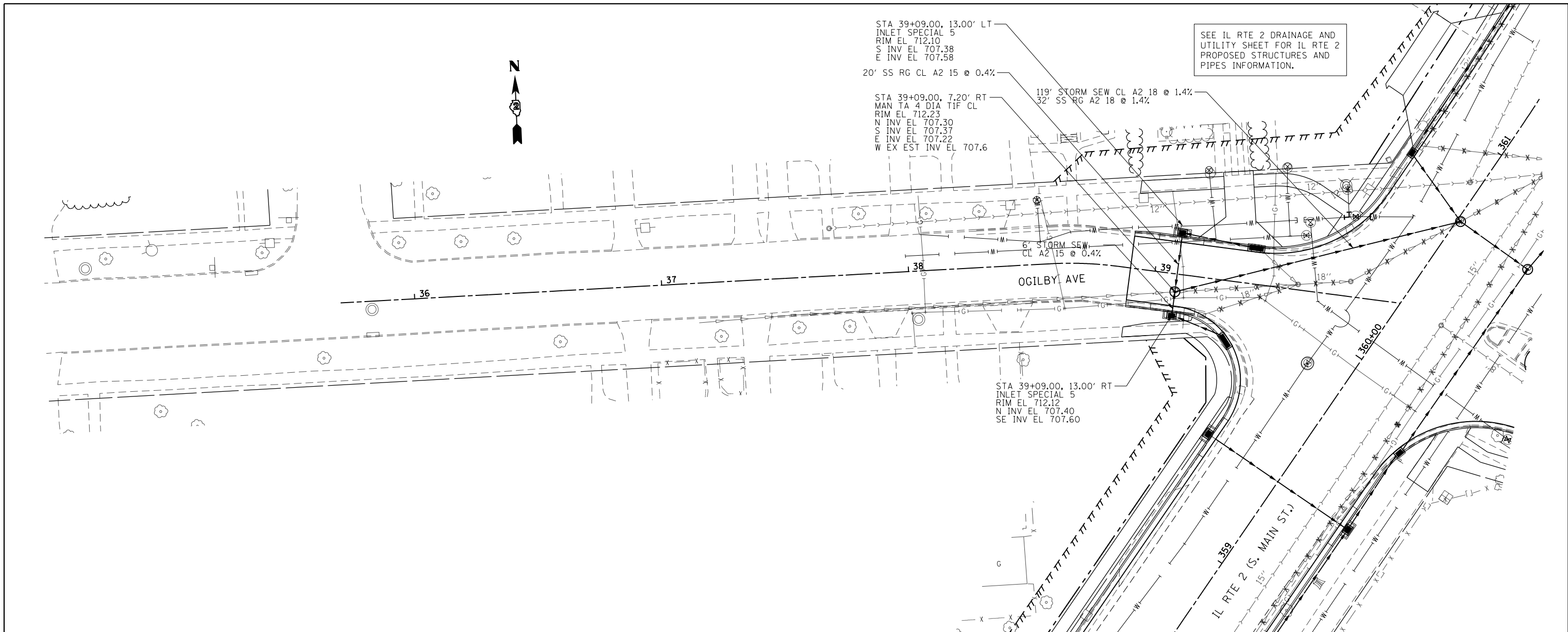


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FILEL		DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	315	
		CHECKED -	REVISED -			CONTRACT NO. 64821					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1:20 SHEET NO. 16 OF 35 SHEETS STA. 428+00 TO STA. 432+00

PLAN	SURVEYED	DATE
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	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	CADD FILE NAME	

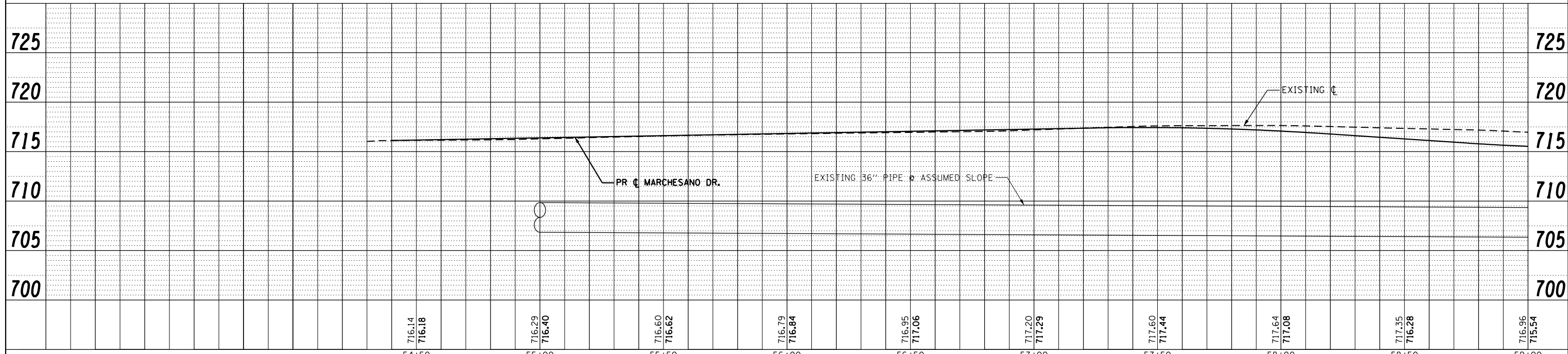
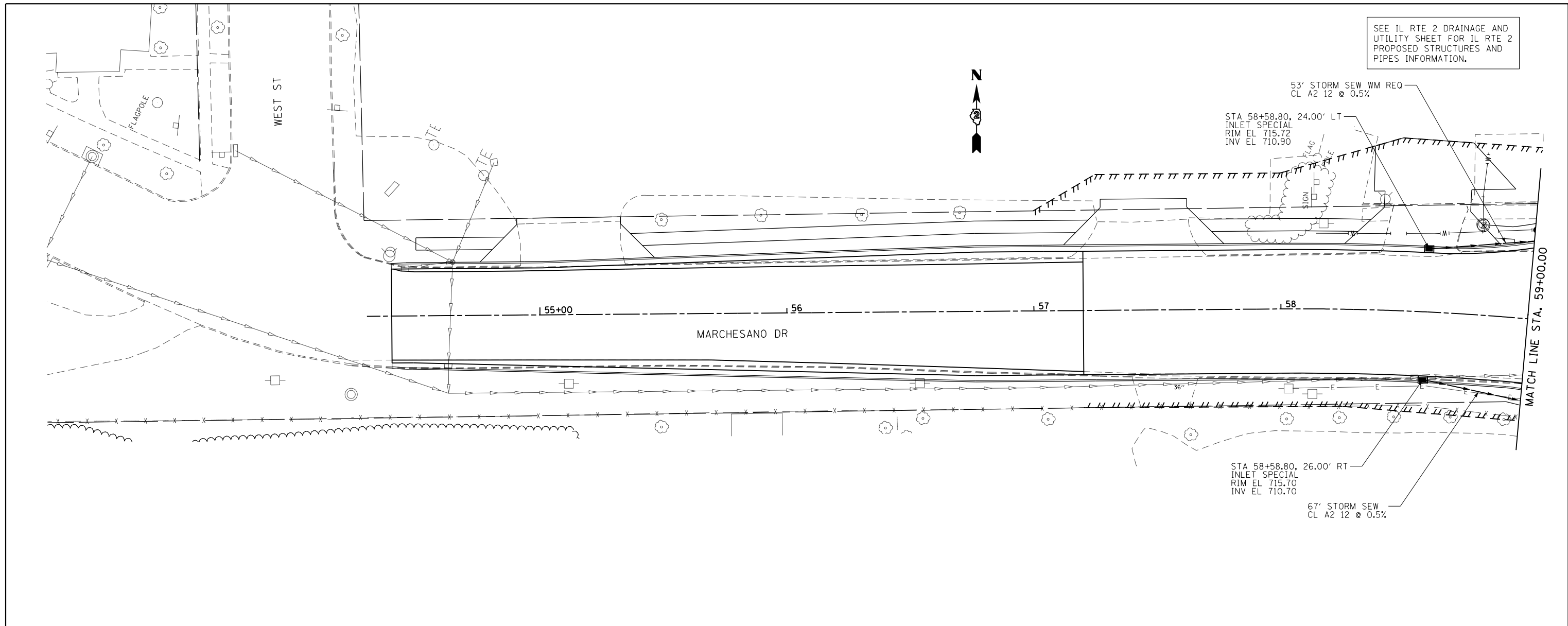
PROFILE	SURVEYED	DATE
	PLOTTED	
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NOTE BOOK NO.	NOTATION CHFD	



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY OGILBY AVE.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL	PLOT SCALE = *SCALE*	DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	317	
	PLOT DATE = *DATE*	CHECKED -	REVISED -			CONTRACT NO. 64821					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
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	DESIGNED		
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PROFILE	SURVEYED	BY	DATE
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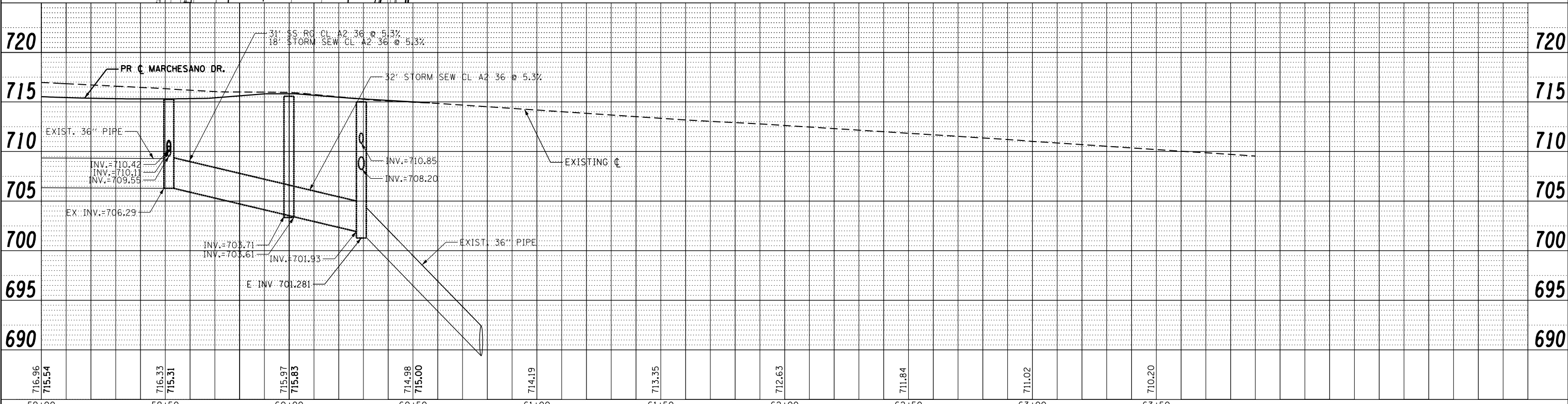
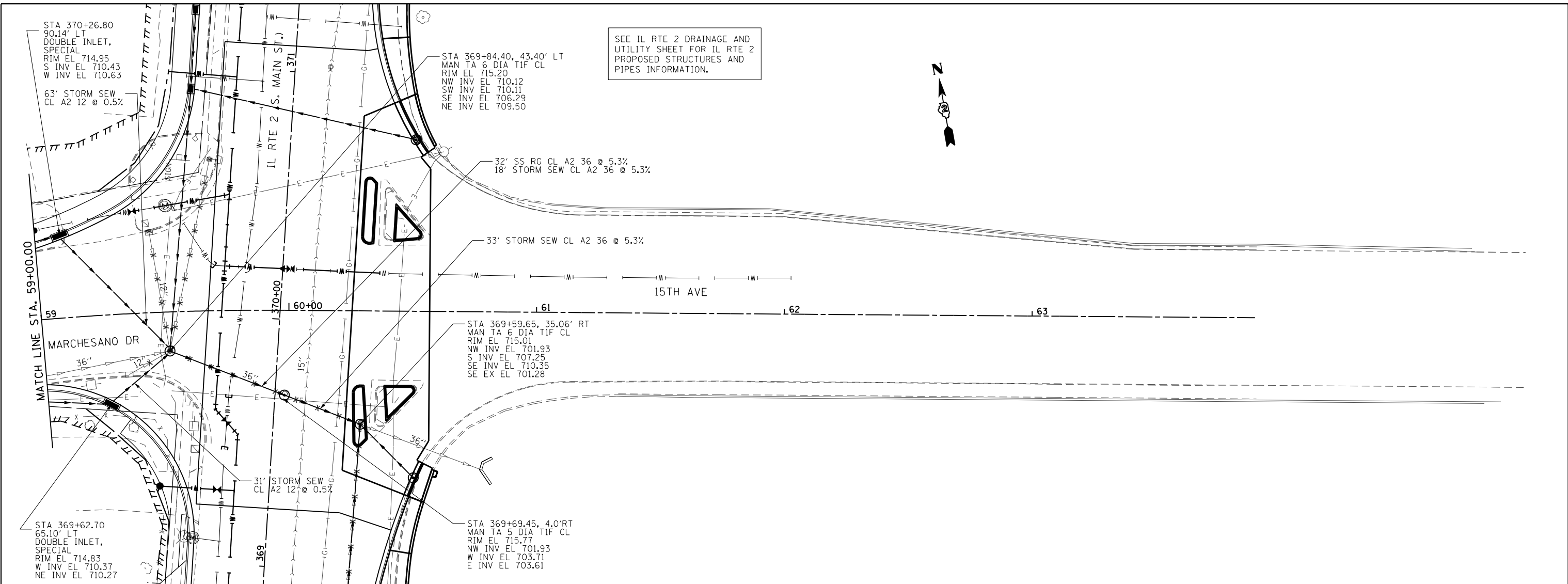


FILE NAME =	USER NAME = #USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY MARCHESANO DR.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL		DRAWN -	REVISED -		SCALE: 1:20	SHEET NO. 19 OF 35 SHEETS	STA. 54+30.00 TO STA. 59+00.00	742	(32, 33) R-1	WINNEBAGO	705	318
		CHECKED -	REVISED -					CONTRACT NO. 64821				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

SEE IL RTE 2 DRAINAGE AND UTILITY SHEET FOR IL RTE 2 PROPOSED STRUCTURES AND PIPES INFORMATION.

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
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	STRUCTURE	
	NOTATIONS	
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FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -
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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY
15TH AVE.

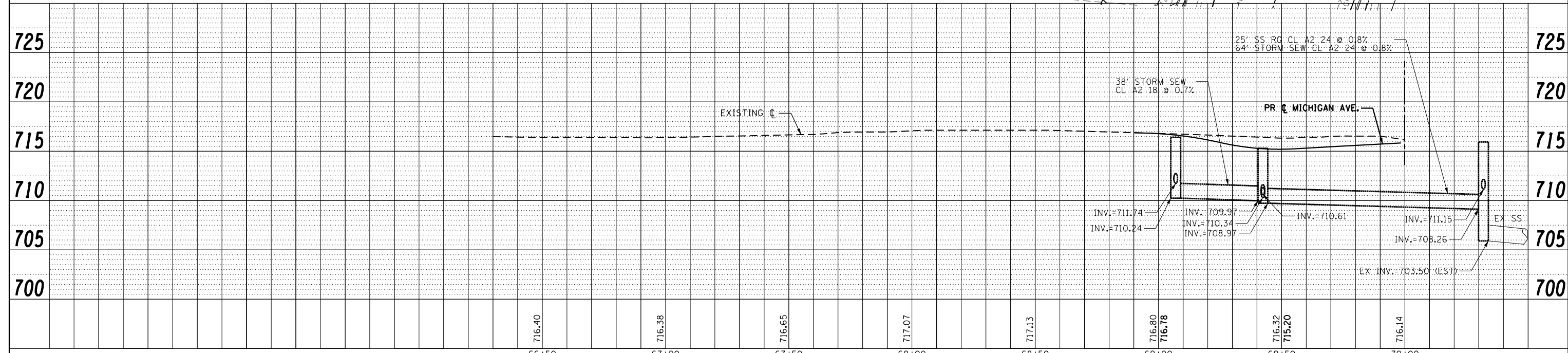
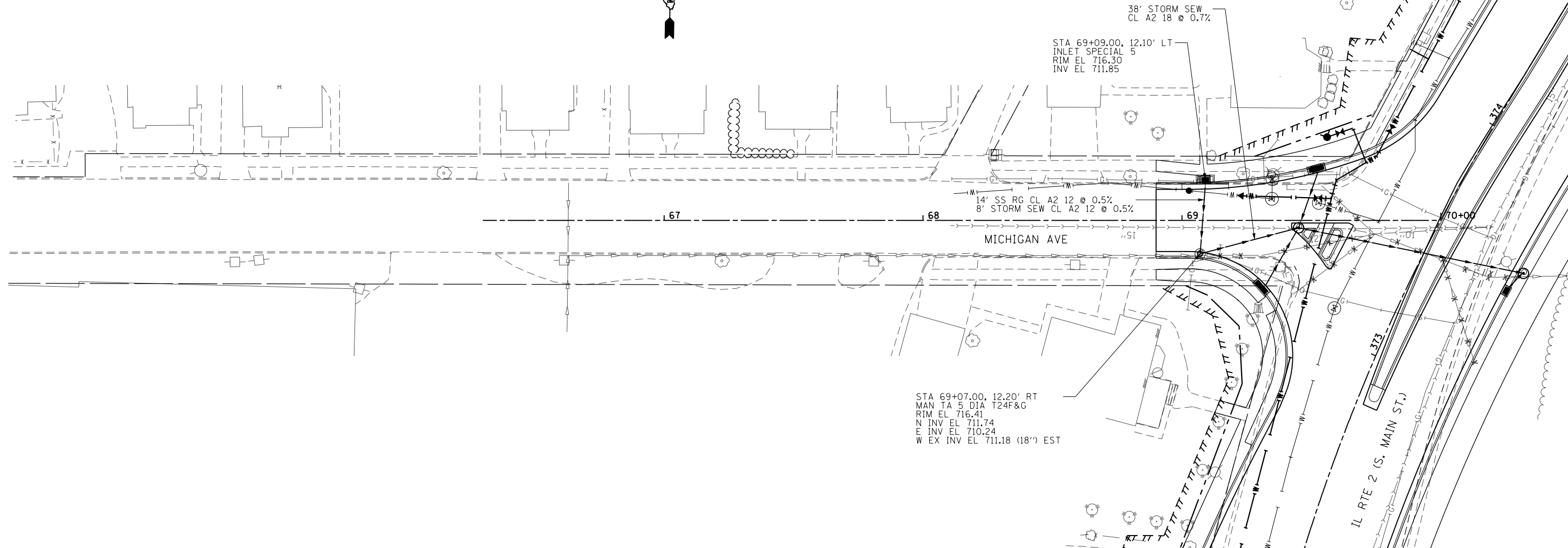
SCALE: 1:20 SHEET NO. 20 OF 35 SHEETS STA. 59+00.00 TO STA. 63+90.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32, 33) R-1	WINNEBAGO	705	319
CONTRACT NO. 64821			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	FILE NAME		

SEE IL RTE 2 DRAINAGE AND UTILITY SHEET FOR IL RTE 2 PROPOSED STRUCTURES AND PIPES INFORMATION.



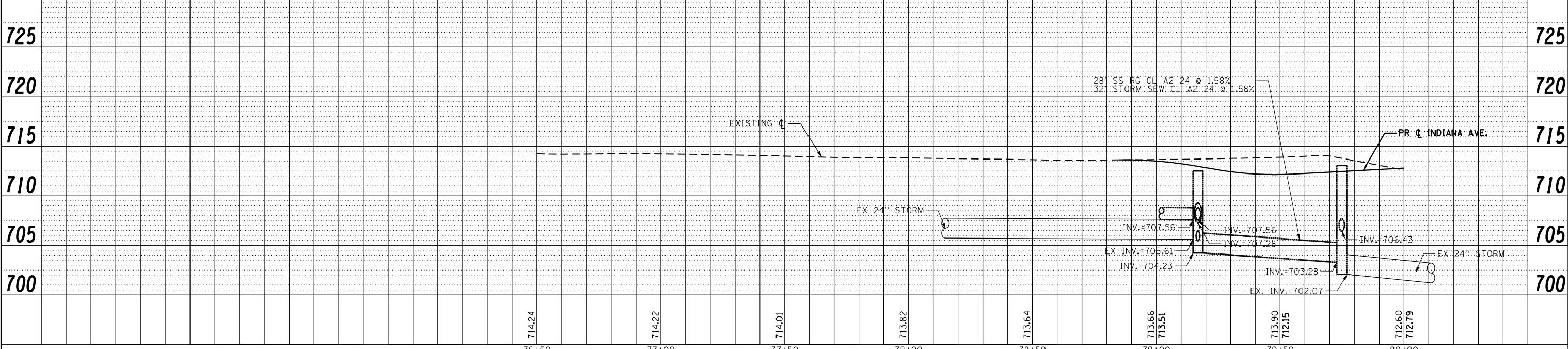
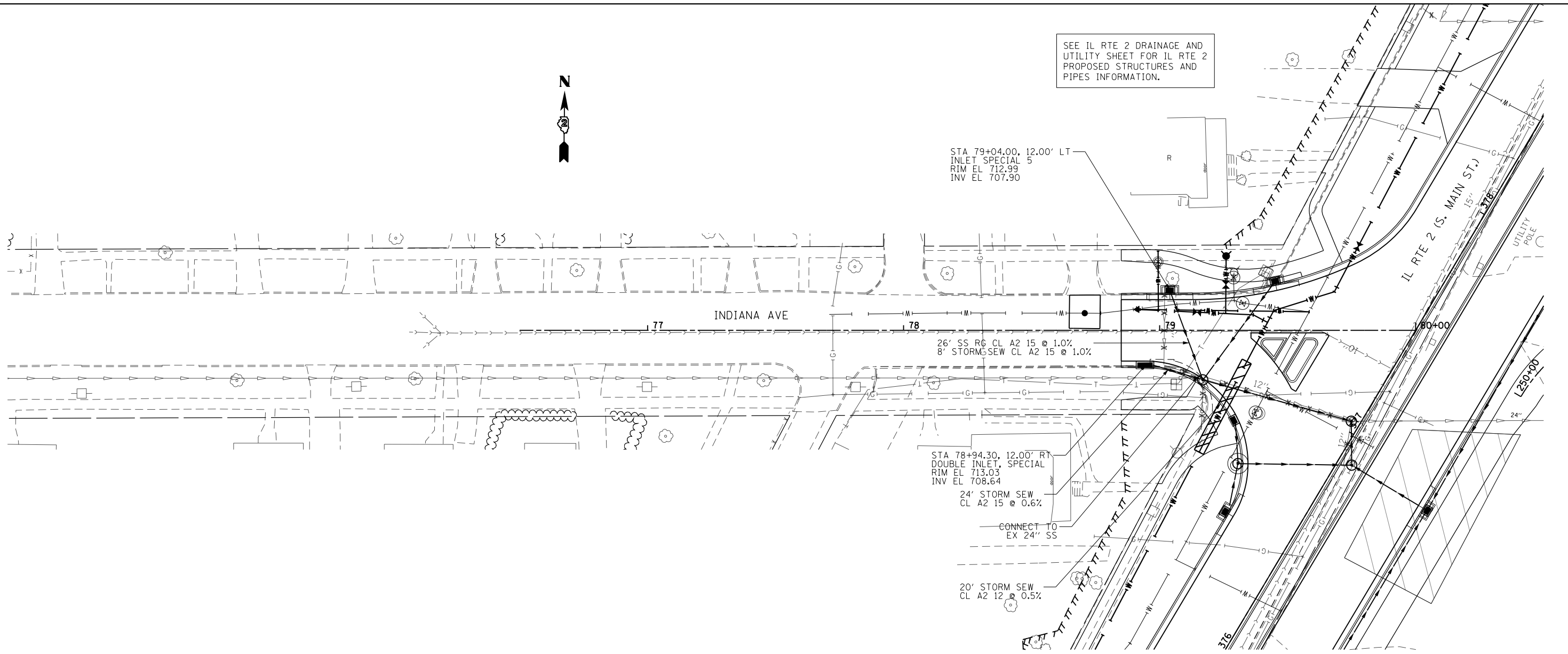
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FILEL	PLOT SCALE = #SCALE*	DRAWN -	REVISED -		SCALE: 1:20	SHEET NO. 21 OF 35 SHEETS	STA. 66+30.00 TO STA. 70+00.00	CONTRACT NO. 64821				
	PLOT DATE = #DATE*	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

PLAN	SURVEYED	DATE
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	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
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	CHPND	
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SEE IL RTE 2 DRAINAGE AND UTILITY SHEET FOR IL RTE 2 PROPOSED STRUCTURES AND PIPES INFORMATION.

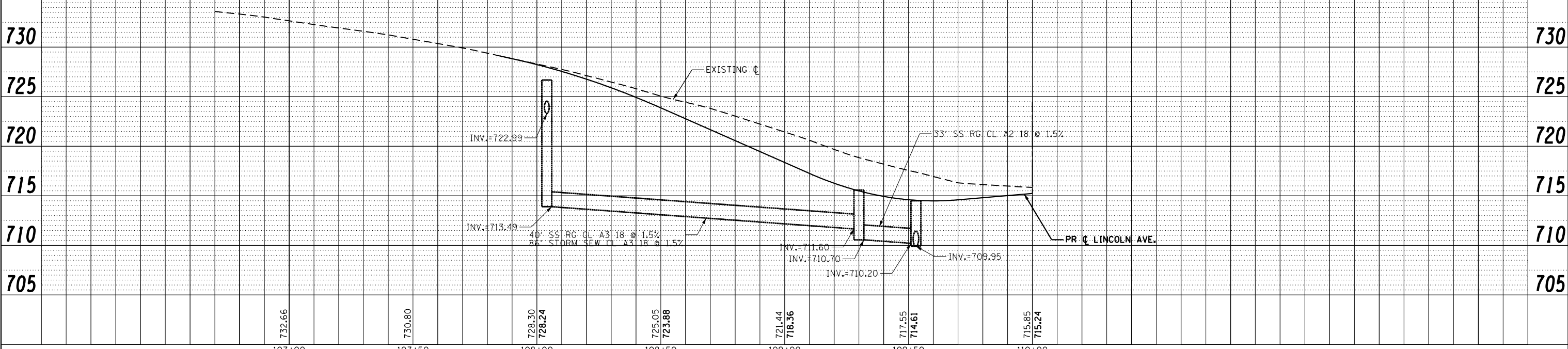
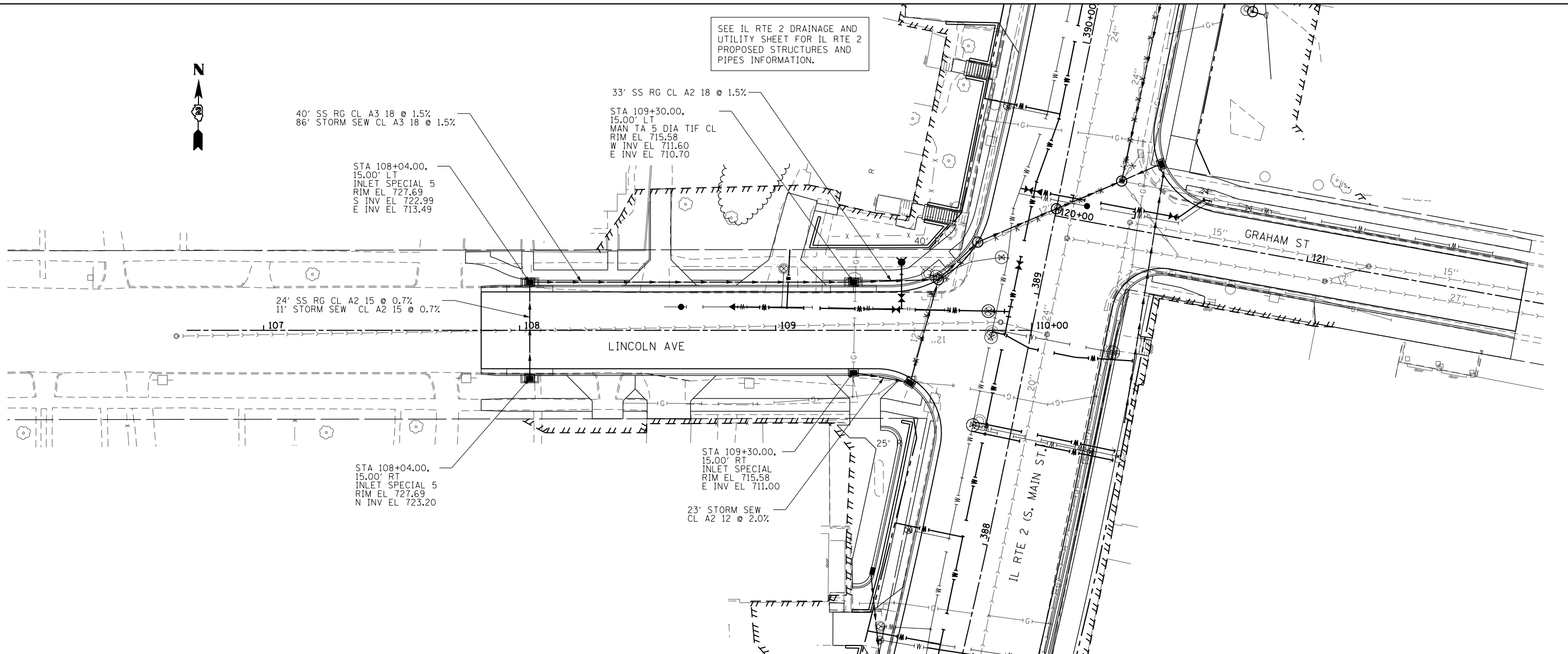


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FILEL		DRAWN -	REVISED -		SCALE: 1:20	SHEET NO. 22 OF 35 SHEETS	STA. 76+50.00 TO STA. 80+00.00	742	(32, 33) R-1	WINNEBAGO	705	321
		CHECKED -	REVISED -		CONTRACT NO. 64821							
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

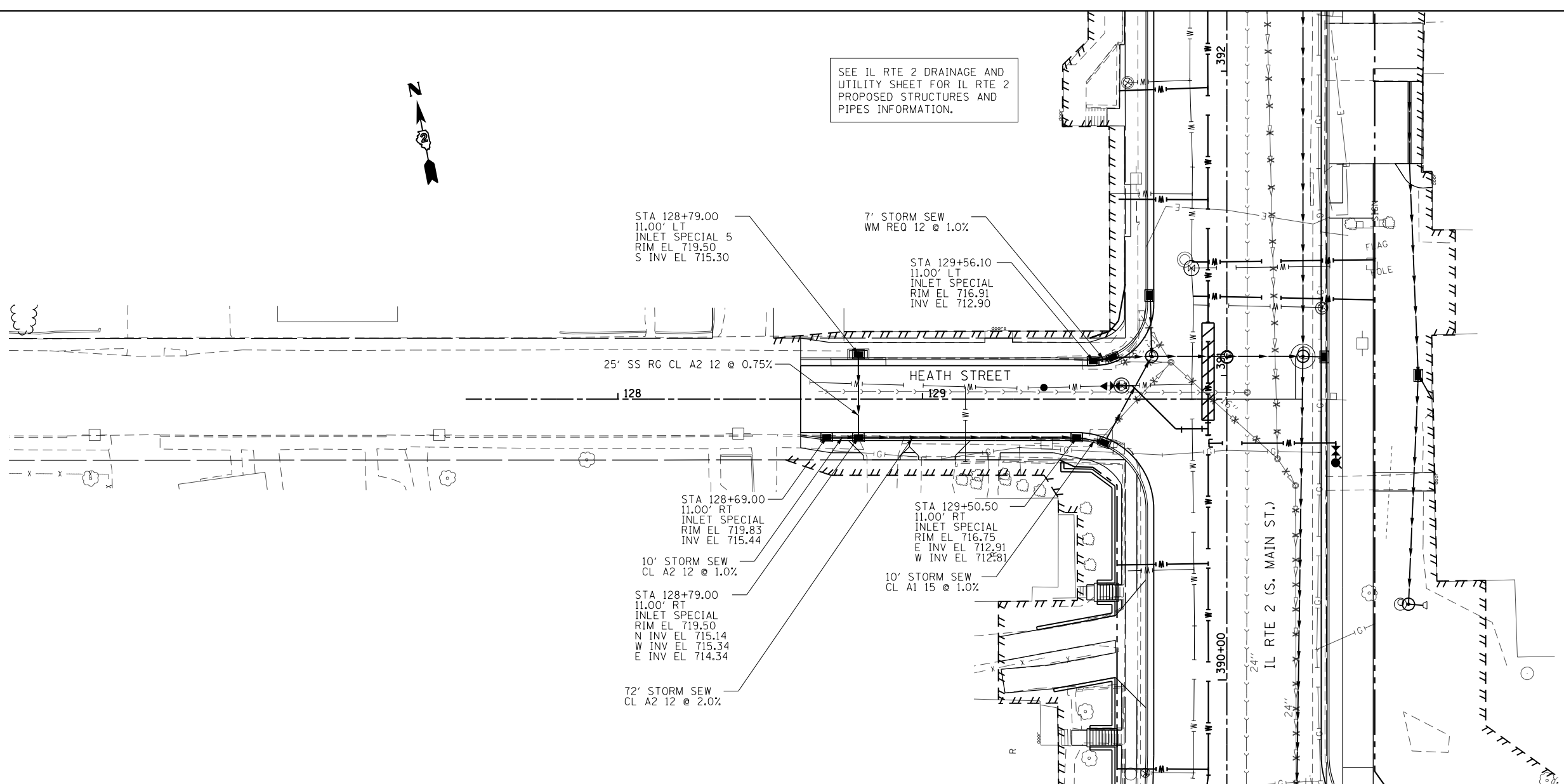
SEE IL RTE 2 DRAINAGE AND UTILITY SHEET FOR IL RTE 2 PROPOSED STRUCTURES AND PIPES INFORMATION.



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY LINCOLN AVE.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	322	
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		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

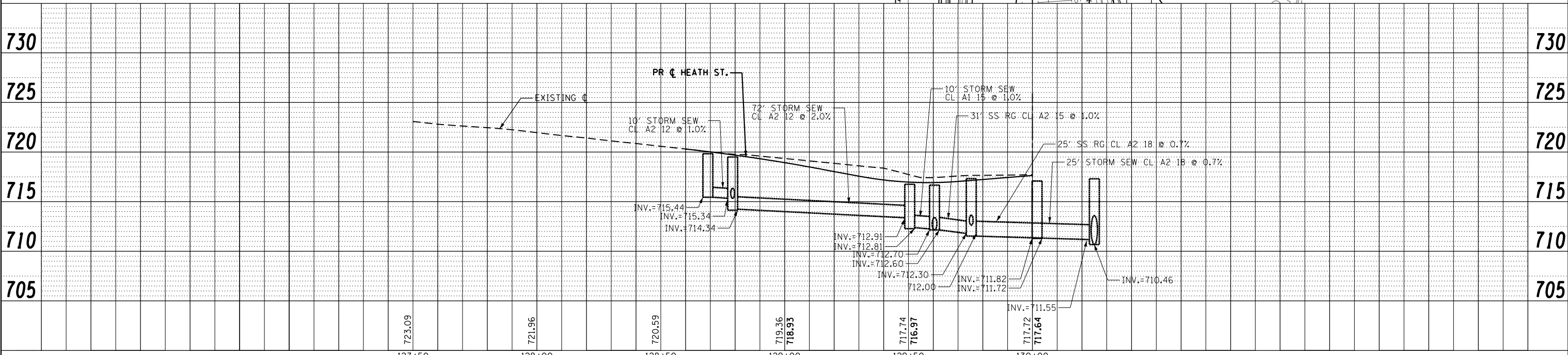


SEE IL RTE 2 DRAINAGE AND UTILITY SHEET FOR IL RTE 2 PROPOSED STRUCTURES AND PIPES INFORMATION.



PLAN	SURVEYED	DATE
	PLOTTED	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
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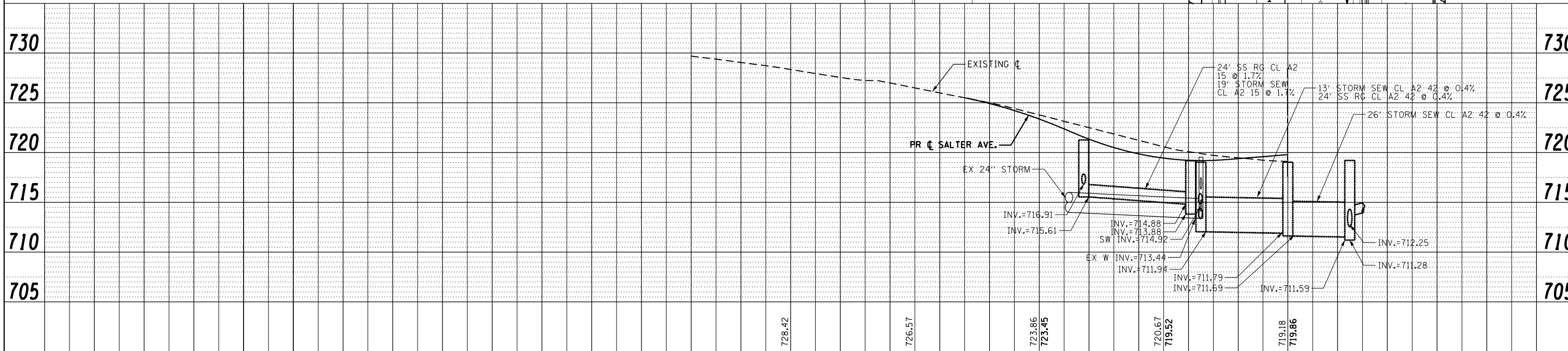
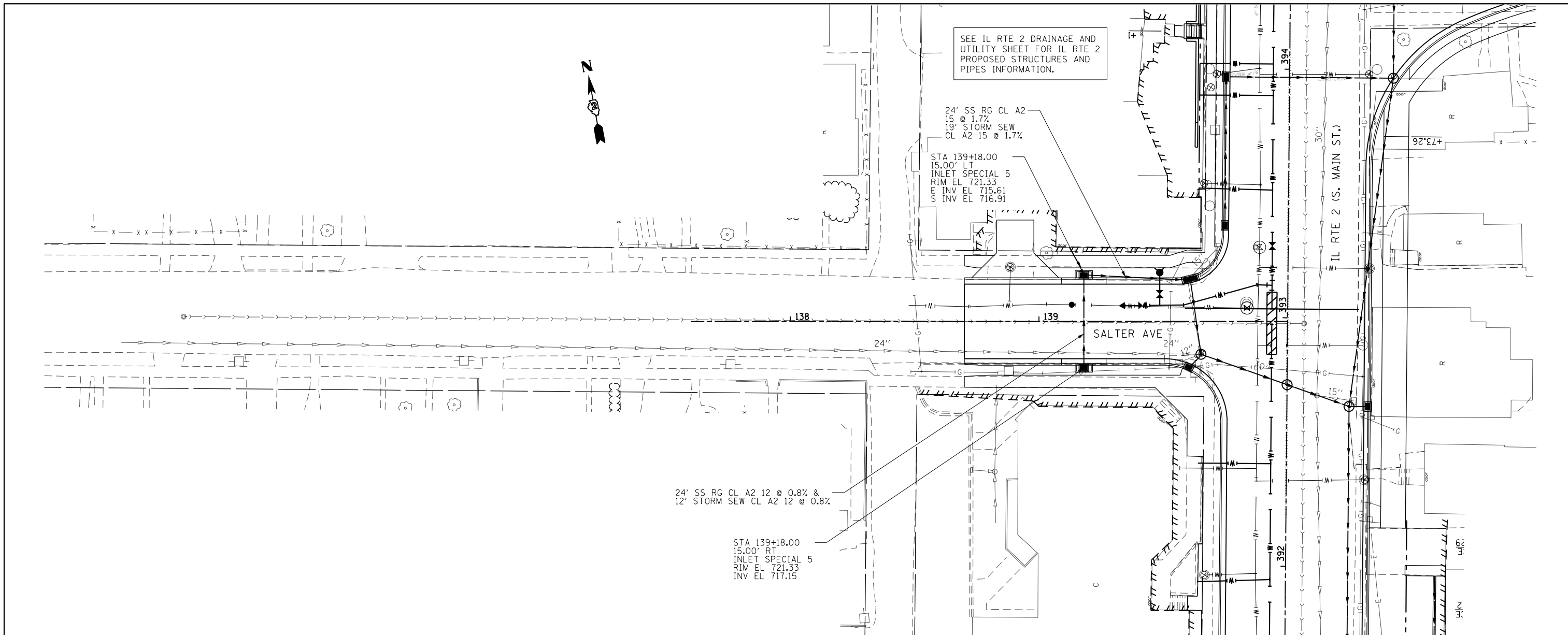


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FILEL		DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	323	
		CHECKED -	REVISED -			CONTRACT NO. 64821					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1:20 SHEET NO. 24 OF 35 SHEETS STA. 127+50.00 TO STA. 130+00.00

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
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	NOTE BOOK NO.	
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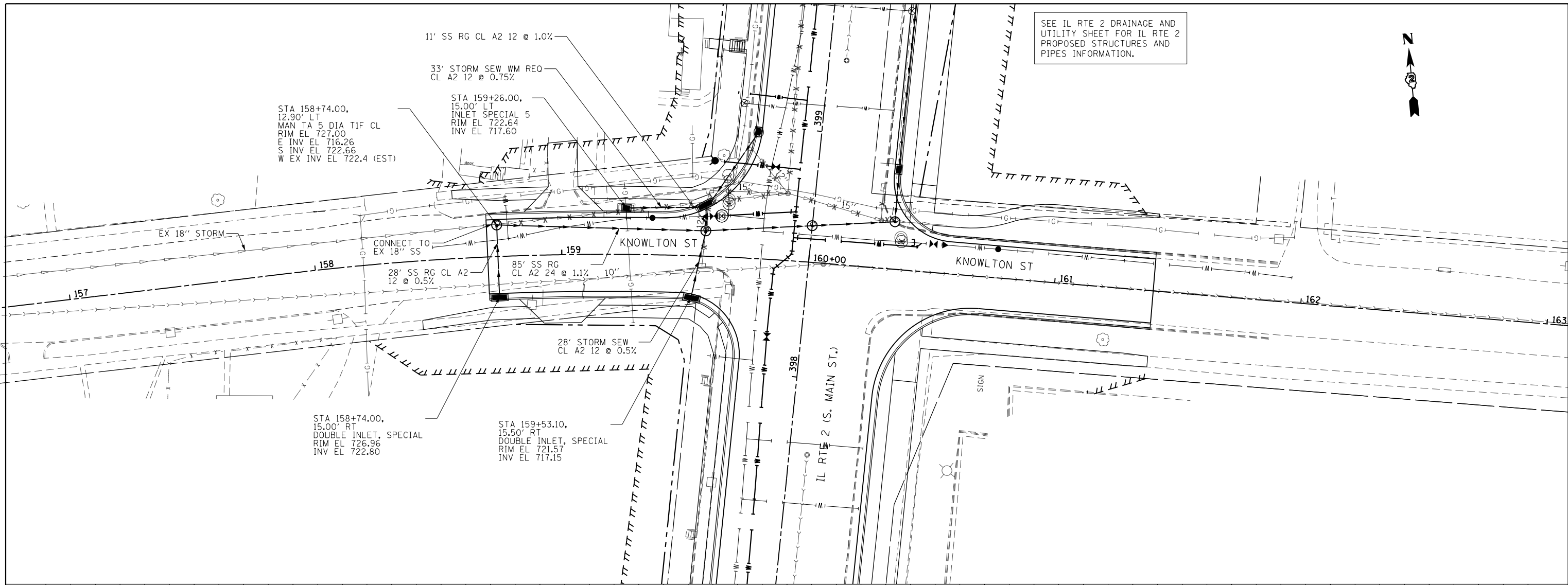
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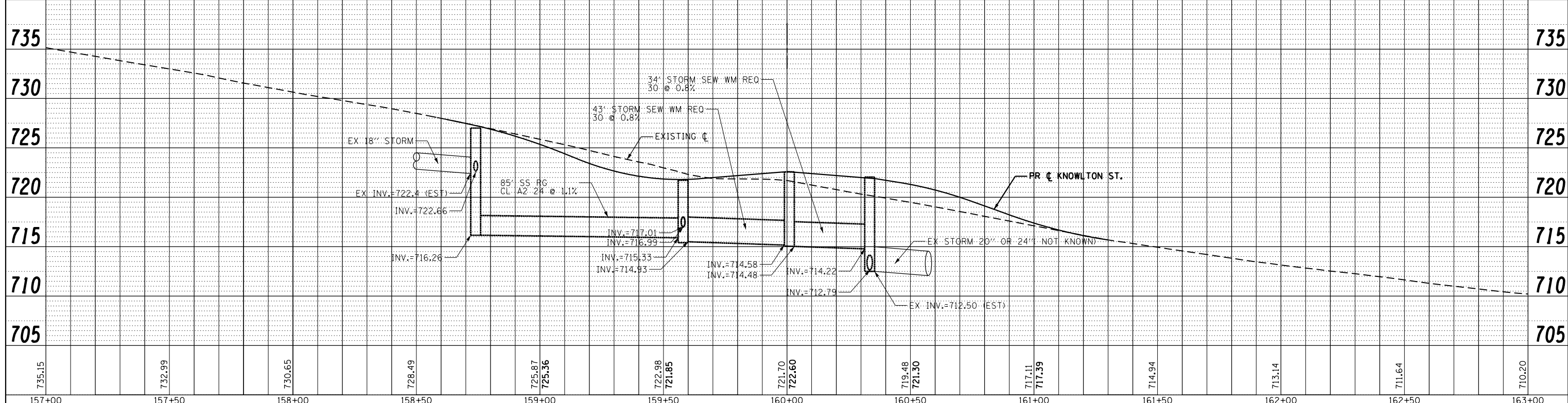
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FILEL		DRAWN -	REVISED -		SCALE: 1:20	SHEET NO. 25 OF 35 SHEETS	STA. 137+60.00 TO STA. 140+00.00	CONTRACT NO. 64821				
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

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NOTE BOOK NO.	CARD FILE NAME	

PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
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NOTE BOOK NO.	NOTATIONS CHECKED	



SEE IL RTE 2 DRAINAGE AND UTILITY SHEET FOR IL RTE 2 PROPOSED STRUCTURES AND PIPES INFORMATION.

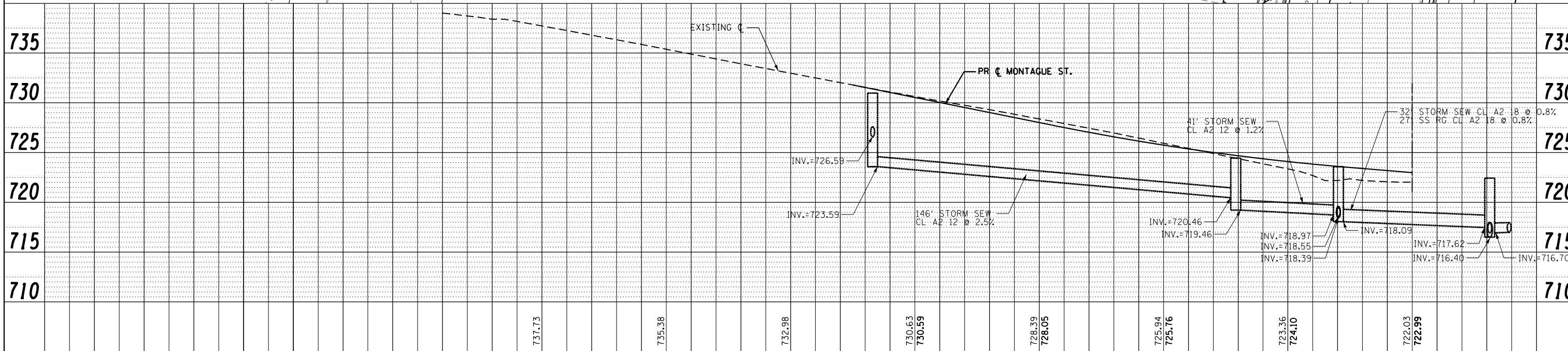
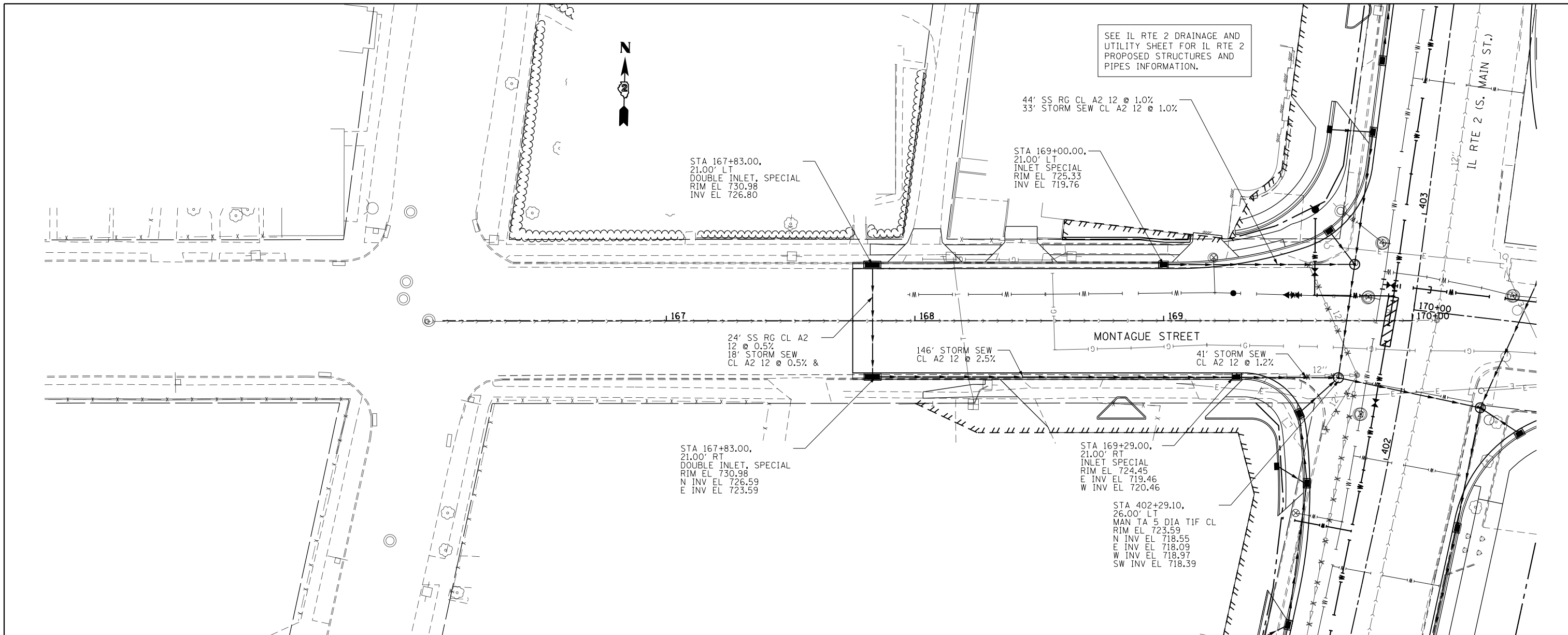


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FILEL		DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	325	
		CHECKED -	REVISED -			CONTRACT NO. 64821					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1:20 SHEET NO. 26 OF 35 SHEETS STA. 156+20.00 TO STA. 163+20.00

PLAN	SURVEYED	DATE
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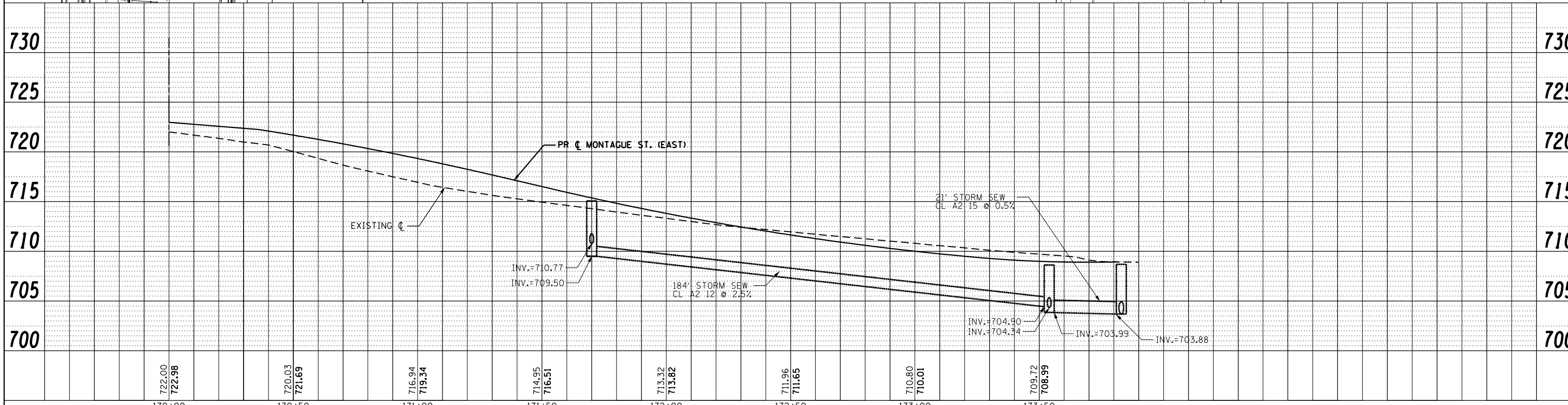
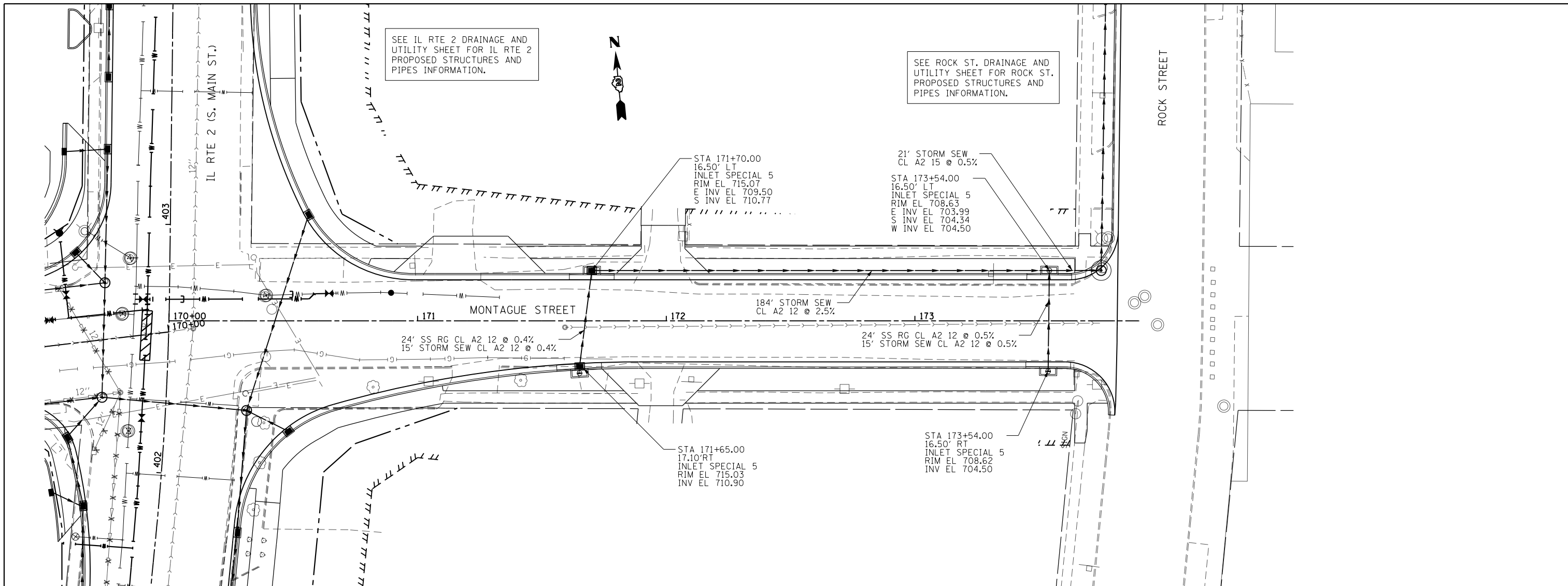
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	PLOTTED	
	GRADES	
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	STRUCTURE	
	NOTATIONS	
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FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY MONTAGUE ST. (WEST LEG)			F.A.P. RTE. 742	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 326	
FILEL		DRAWN -	REVISED -		SCALE: 1:20	SHEET NO. 27 OF 35 SHEETS	STA. 166+10.00 TO STA. 170+00.00	CONTRACT NO. 64821				
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

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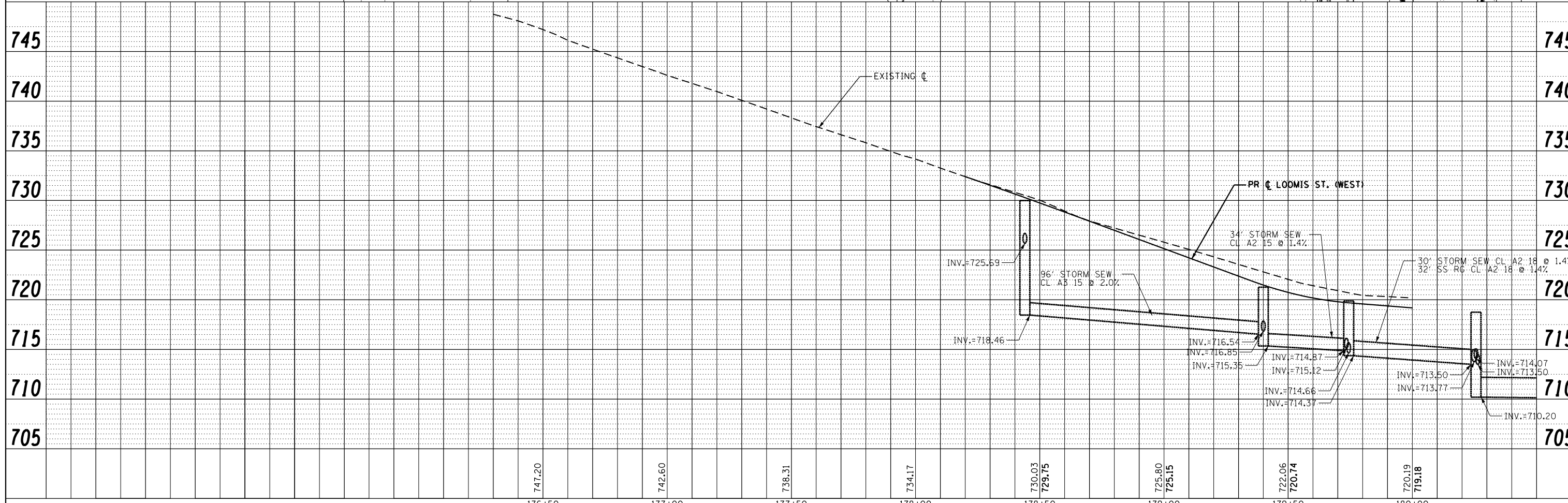
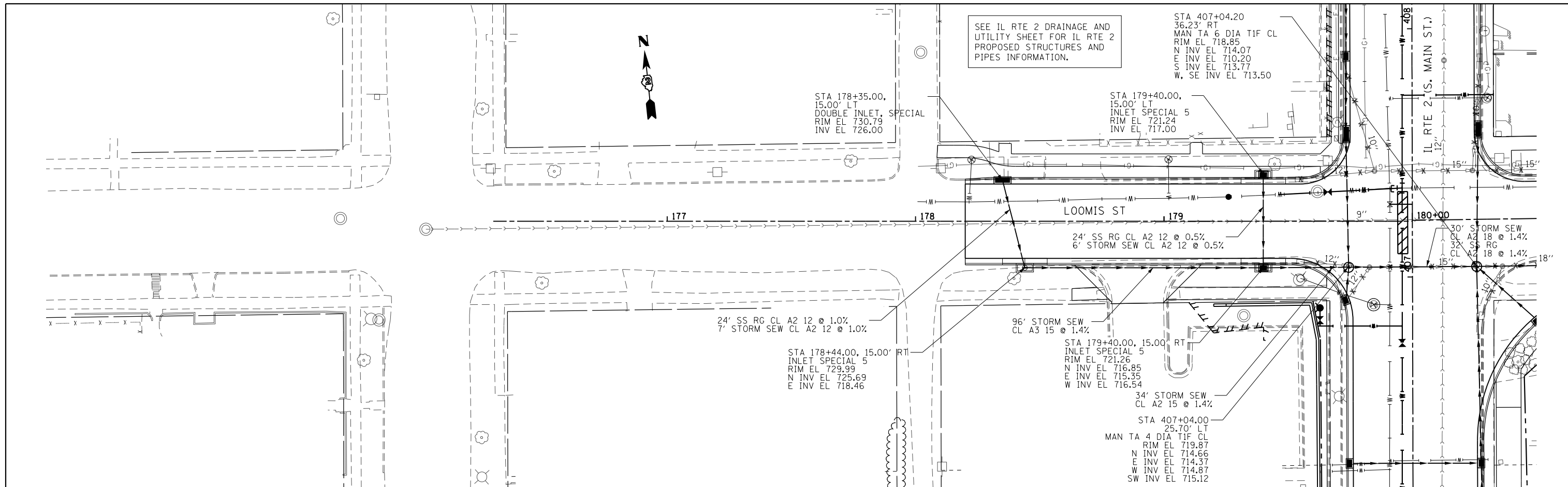
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FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY MONTAGUE ST. (EAST LEG)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	327	
		CHECKED -	REVISED -			CONTRACT NO. 64821					
		DATE -	REVISED -			SCALE: 1:20	SHEET NO. 28 OF 35 SHEETS	STA. 170+00.00 TO STA. 173+90.00	ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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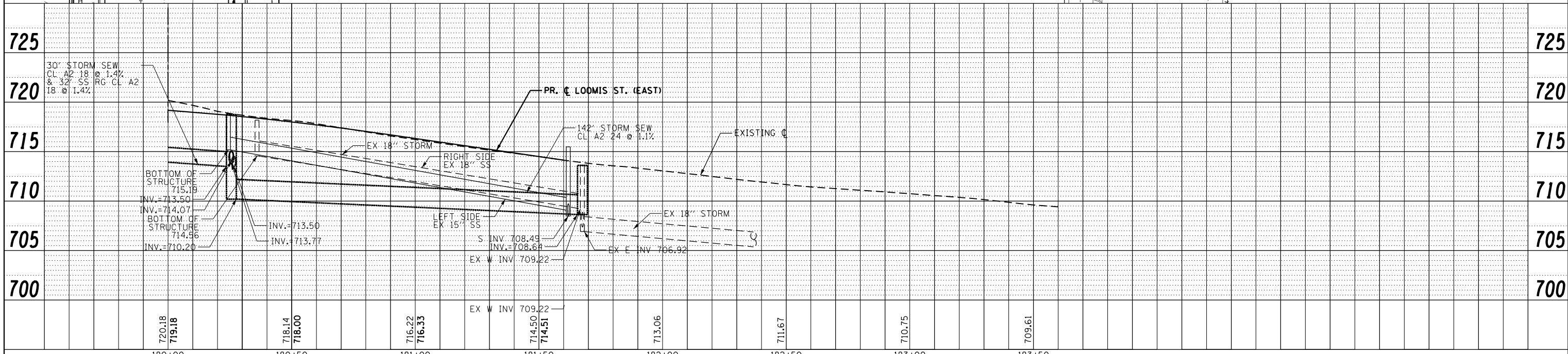
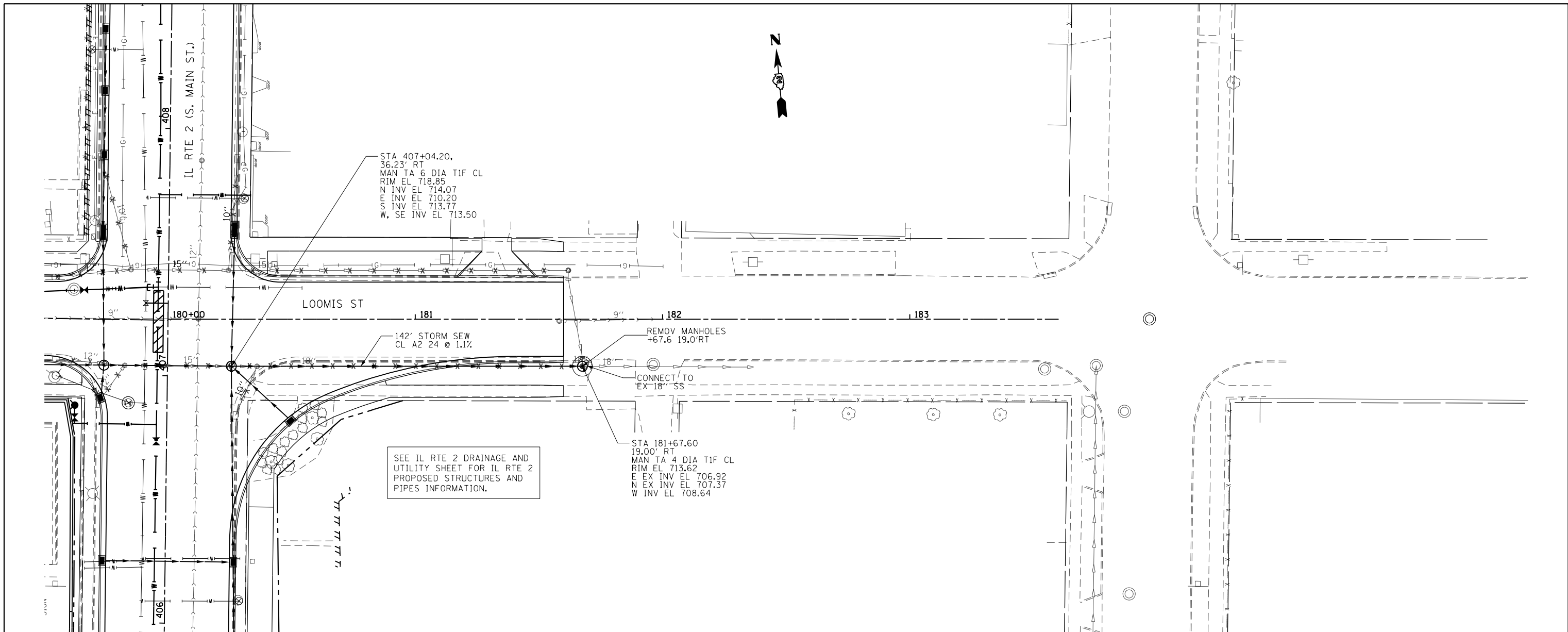


FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY LOOMIS ST. (WEST LEG)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	328	
		CHECKED -	REVISED -			CONTRACT NO. 64821					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1:20 SHEET NO. 29 OF 35 SHEETS STA. 176+30.00 TO STA. 180+00.00

PLAN	SURVEYED	DATE
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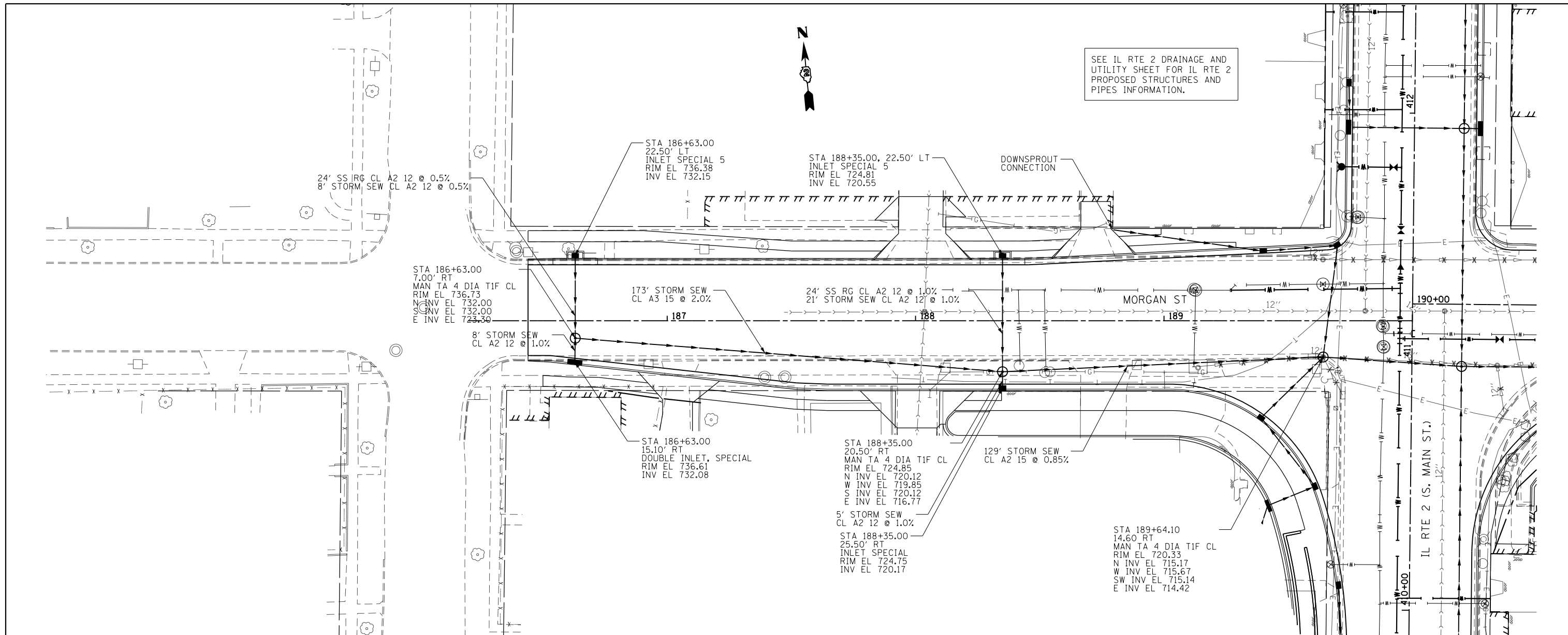


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FILEL		DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	329
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		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

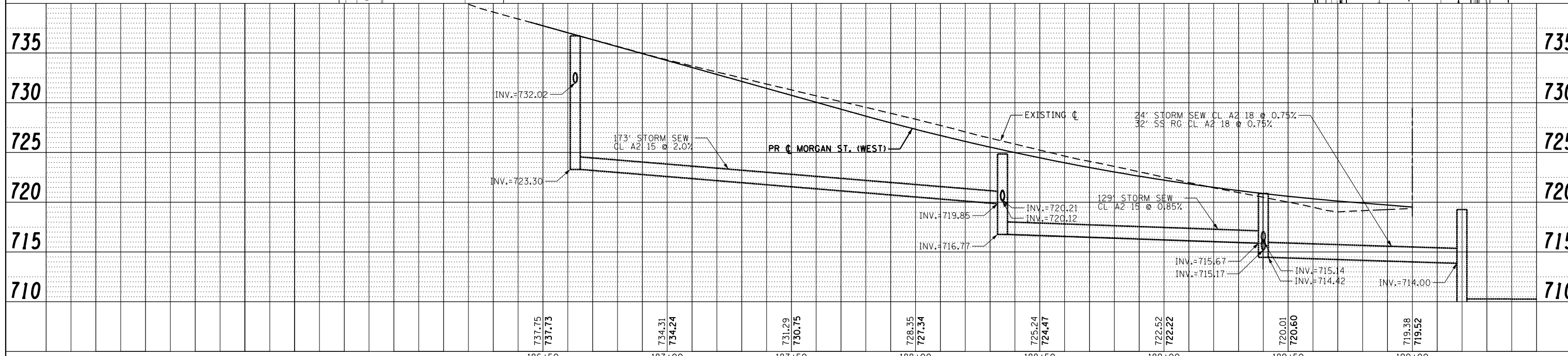
SCALE: 1:20 SHEET NO. 30 OF 35 SHEETS STA. 180+00.00 TO STA. 183+60.00

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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
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PROFILE	SURVEYED	DATE
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	NOTE BOOK NO.	
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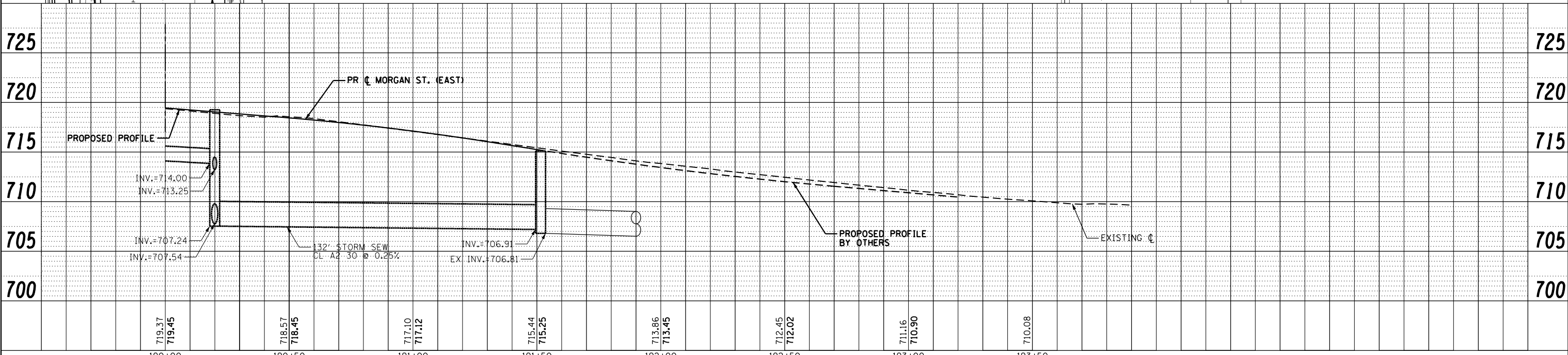
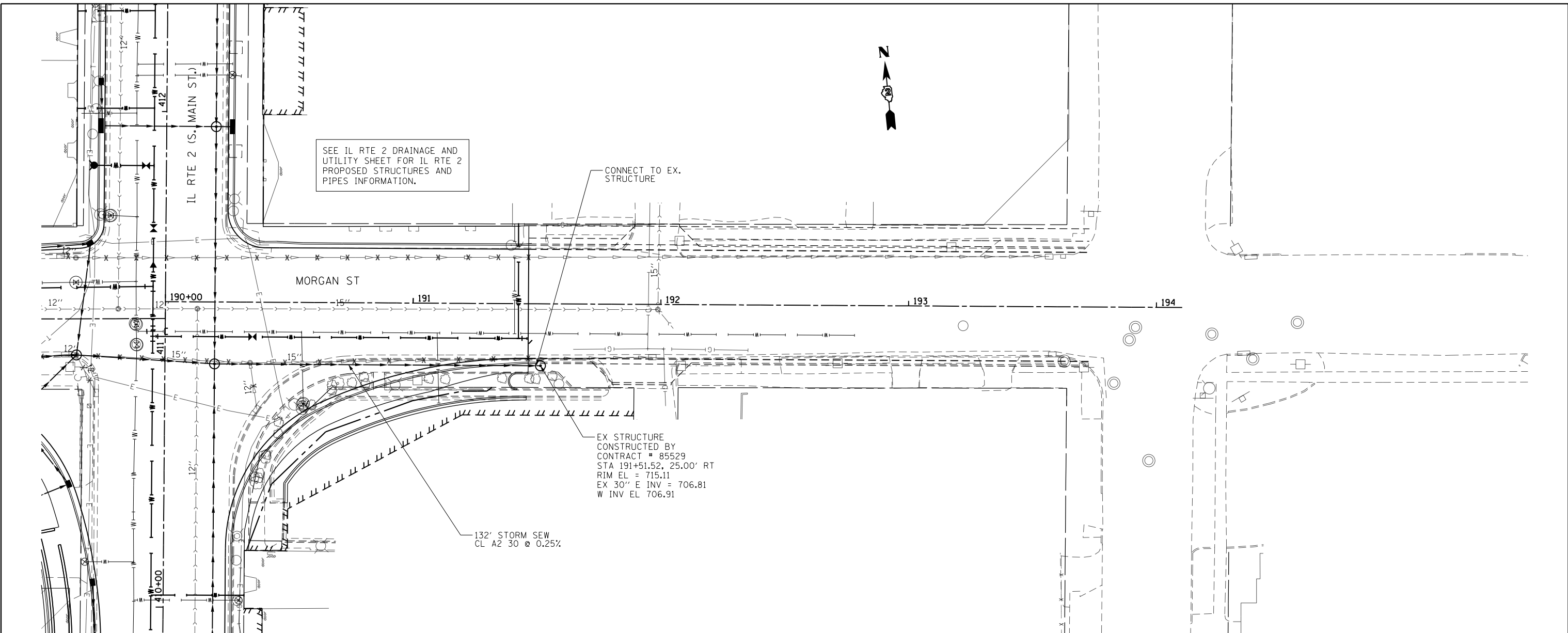
SEE IL RTE 2 DRAINAGE AND UTILITY SHEET FOR IL RTE 2 PROPOSED STRUCTURES AND PIPES INFORMATION.



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY MORGAN ST. (WEST LEG)	F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 330		
FILEL		DRAWN -	REVISED -			SCALE: 1:20	SHEET NO. 31 OF 35 SHEETS	STA. 186+20.00 TO STA. 190+00.00	CONTRACT NO. 64821			
		CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT						
		DATE -	REVISED -									

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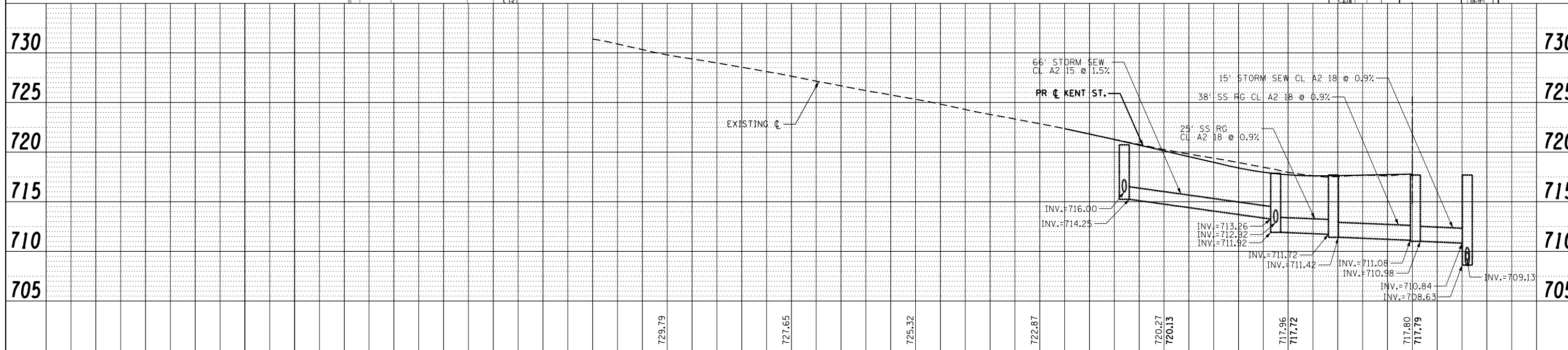
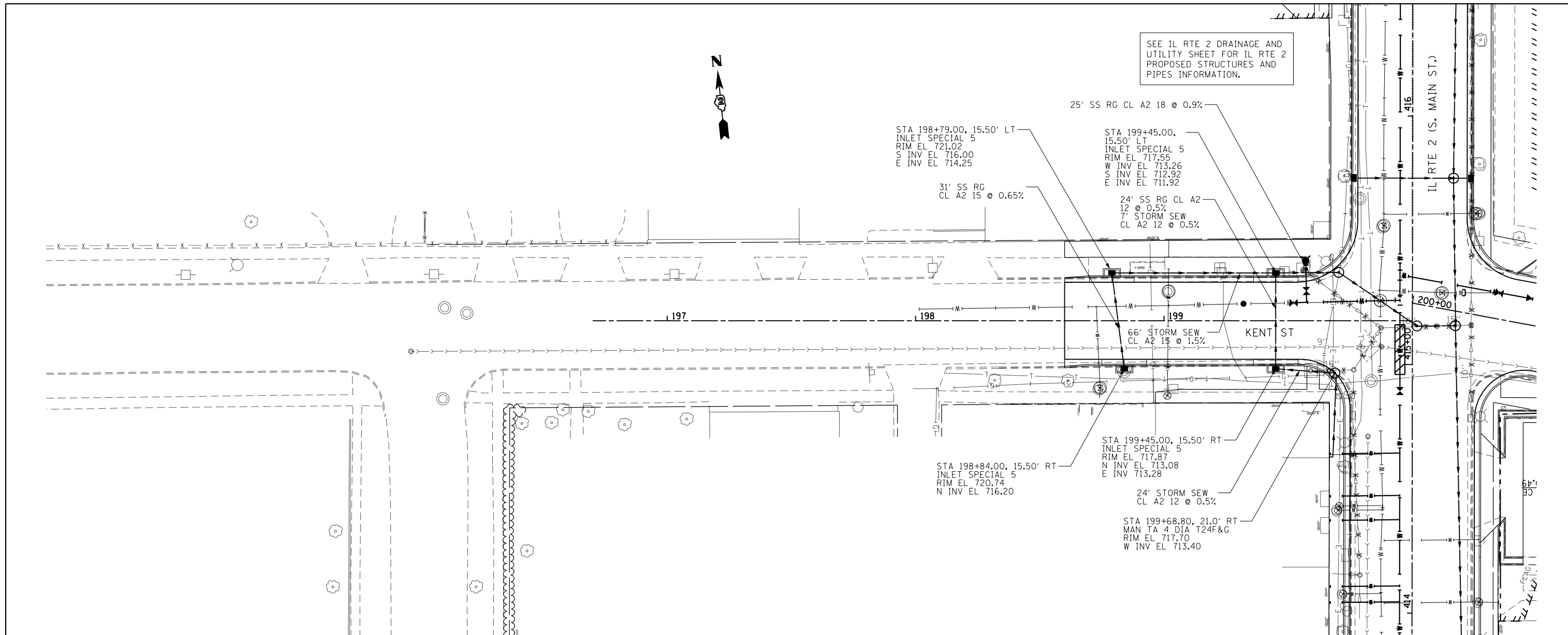


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FILEL		DRAWN -	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	331	
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	PLOT DATE = *DATE*	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1:20 SHEET NO. 32 OF 35 SHEETS STA. 190+00.00 TO STA. 193+90.00

PLAN	SURVEYED	DATE
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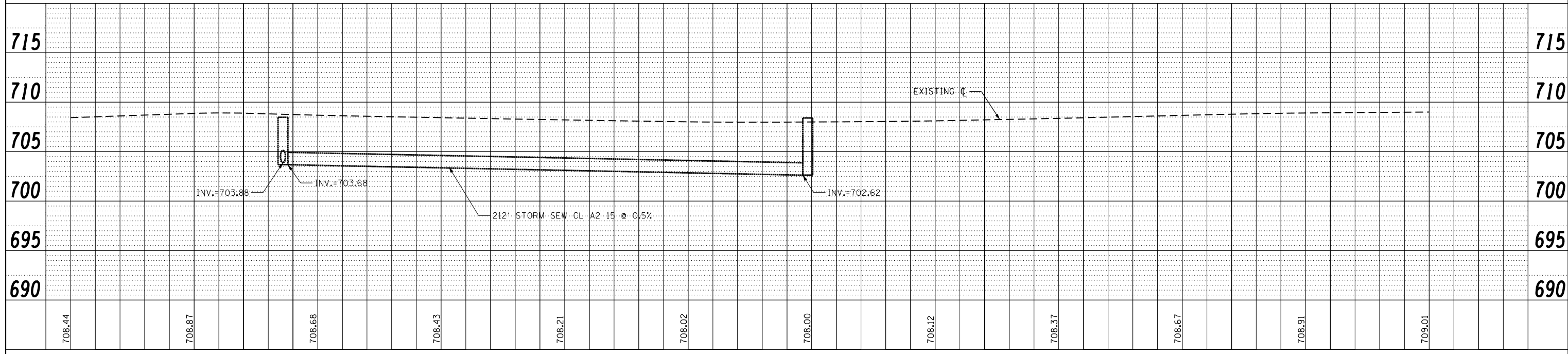
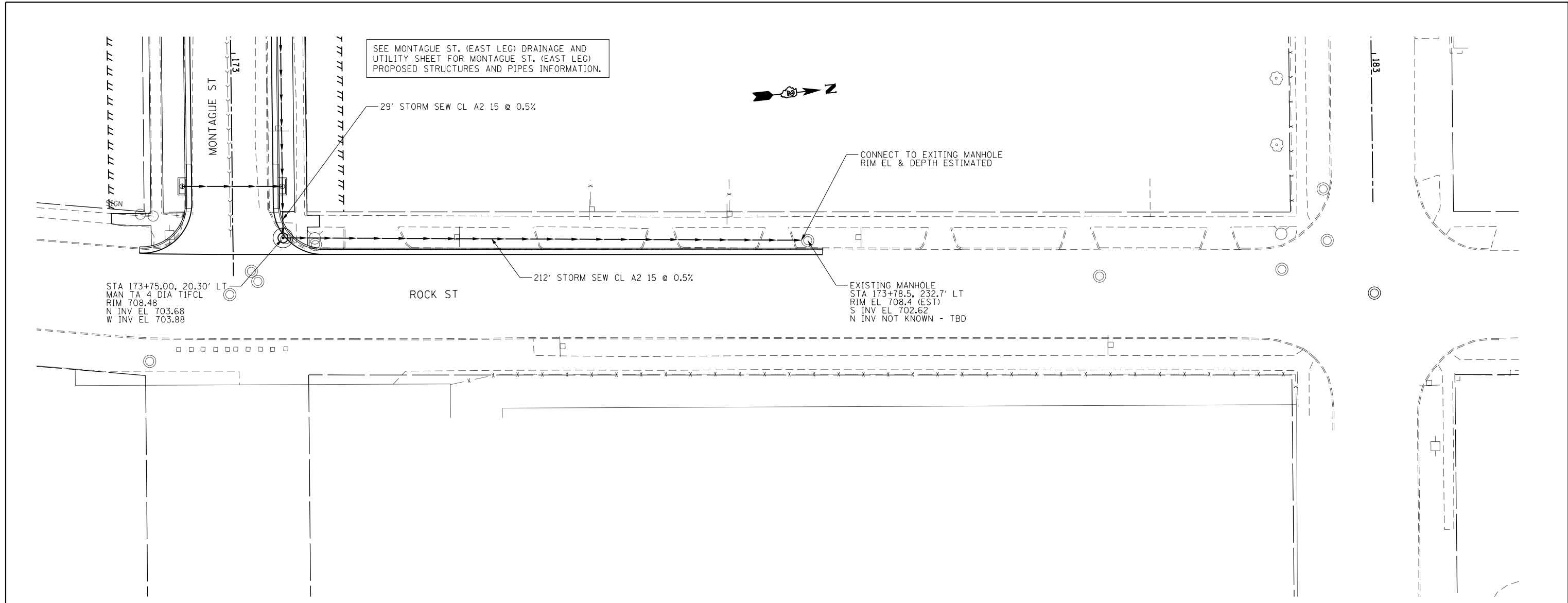
PROFILE	SURVEYED	DATE
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FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY KENT ST.			F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 332
FILEL		DRAWN -	REVISED -		SCALE: 1:20	SHEET NO. 33 OF 35 SHEETS	STA. 196+70.00 TO STA. 200+00.00	CONTRACT NO. 64821		ILLINOIS FED. AID PROJECT		
		CHECKED -	REVISED -									
		DATE -	REVISED -									

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PROFILE	SURVEYED	BY	DATE
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	STRUCTURE		
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FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY ROCK ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN -	REVISED -		742	(32, 33) R-1	WINNEBAGO	705	334	CONTRACT NO. 64821			
		CHECKED -	REVISED -		SCALE: 1:20	SHEET NO. 35 OF 35 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -										

SANITARY SEWER GENERAL NOTES

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF WORK TO THE LINES AND GRADES SHOWN ON THESE PLANS. CONSTRUCTION SHALL NOT VARY FROM PLANS WITHOUT DISTRICT APPROVAL.

THE ROCK RIVER WATER RECLAMATION DISTRICT, MUNICIPALITIES, PERTINENT ROADWAY AUTHORITIES, AND ALL AFFECTED PROPERTY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS BEFORE STARTING CONSTRUCTION.

- 3 ALL SERVICE LOCATIONS ARE APPROXIMATE AND MAY BE CHANGED IN THE FIELD WITH THE APPROVAL OF THE INSPECTOR. NO ADDITIONAL COMPENSATION WILL BE AWARDED DUE TO REVISED LOCATION.
- 4 ALL CASTINGS SHALL BE ADJUSTED TO FINAL GRADE PER THE ROCK RIVER WATER RECLAMATION DISTRICT REQUIREMENTS.
- 5 SANITARY SEWER TO BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN THE STATE OF ILL. LATEST EDITION, AND THE REQUIREMENTS OF THE ROCK RIVER WATER RECLAMATION DISTRICT.
- 6 THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. AT 1-800-892-0123 AND ANY OTHER UTILITIES NOT ON THE J.U.L.I.E. SYSTEM 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- 7 SOME EXISTING SANITARY MANHOLES TO BE REMOVED OR ABANDONED HAVE CITY OF ROCKFORD WATER MAINS INSIDE THE MANHOLE. ABANDONMENT OF THE EXISTING WATER MAIN SHALL BE COORDINATED WITH THE CITY OF ROCKFORD WATER DEPARTMENT AND THE PLAN SHEETS DETAILING THIS WORK.
- 8 THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE I.E.P.A. STANDARDS AND SPECIFICATIONS, THE ILLINOIS URBAN MANUAL FOR SOIL EROSION AND SEDIMENT CONTROL.
- 9 PROTECTION OF WATER SUPPLIES SHALL BE PER THE REQUIREMENTS OF TITLE 35, C, SECTION 370.350 OF THE IL RECOMMENDED STANDARDS FOR SEWAGE WORKS.
- 10 SANITARY SEWER CONSTRUCTION SHALL BE STAGED TO CONFORM WITH THE ROADWAY MAINTENANCE OF TRAFFIC PLANS.
- 11 AT VARIOUS LOCATIONS THE CONTRACTOR SHALL INSTALL TEMPORARY SANITARY SEWER PIPE PLUGS OR MAKE TEMPORARY CONNECTIONS TO EXISTING PIPE FOR THE PURPOSE OF CONSTRUCTION STAGING. SEWER MAINS, CASING PIPE, OR SERVICES WHICH CROSS BETWEEN STAGE 1 AND STAGE 2 WORK AREAS SHALL BE CONSTRUCTED IN A MANNER THAT ADEQUATELY PROTECTS ANY ITEMS OR PERMANENT SURFACES FROM DAMAGE BETWEEN THE TIME THE TEMPORARY PLUG OR CONNECTION IS INSTALLED AND THE TIME THAT THE PLUG OR TEMPORARY CONNECTION IS REMOVED AND THE INSTALLATION OF NEW SEWER MAIN, CASING OR SERVICE PIPE IS RESUMED. TEMPORARY PLUGS OR CONNECTIONS SHALL BE INSTALLED AS REQUIRED TO CONSTRUCT THIS PROJECT AND THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT COST FOR ALL ASSOCIATED SANITARY SEWER ITEMS.
- 12 AT VARIOUS LOCATIONS THE CONTRACTOR SHALL INSTALL TEMPORARY PAVEMENT FOR THE PURPOSE OF CONSTRUCTION STAGING. SEWER MAINS, CASING PIPE OR SERVICES WHICH CROSS BETWEEN STAGE 1 AND STAGE 2 WORK AREAS SHALL BE CONSTRUCTED IN A MANNER THAT ADEQUATELY PROTECTS ANY ITEMS OR PERMANENT SURFACES FROM DAMAGE BETWEEN THE TIME ONE PHASE OF CONSTRUCTION IS COMPLETED AND THE INSTALLATION OF NEW SEWER MAIN, CASING OR SERVICE PIPE IS RESUMED. TEMPORARY PAVEMENT SHALL BE INSTALLED AS REQUIRED TO CONSTRUCT THIS PROJECT AND THE COST SHALL BE PAID FOR BASED ON THE CONTRACT UNIT COST FOR TEMPORARY PAVEMENT VARIABLE DEPTH.
- 13 THE TEMPORARY PAVEMENT SECTION SHALL CONSIST OF HOT MIX ASPHALT SURFACE COURSE, 4 3/4" OVER AGGREGATE BASE COURSE, TYPE B, 12".
- 14 SOUTH MAIN STREET & OGILBY ROAD SANITARY SEWER MAIN (STA. 360+87): THE SANITARY SEWER MAIN EXTENSION COLE AVE. & SOUTH MAIN ST. (STA. 364+78) AND THE SANITARY SEWER SERVICE RECONNECTION TO 2303 S. MAIN STREET MUST BE CONSTRUCTED PRIOR TO ABANDONING THE 8" VCP SANITARY SEWER FROM MH 014-007 TO MH 014-009 .
- 15 THE SANITARY SEWER SERVICE RECONNECTION TO 1821 SOUTH MAIN STREET MUST BE CONSTRUCTED PRIOR TO ABANDONING AND FILLING THE EXISTING 6" VCP SANITARY SEWER NORTH OF INDIANA AVE. & SOUTH MAIN STREET (STA. 377+20).
- 16 THE SANITARY SEWER SERVICE RECONNECTION TO 1717 AND 1721 SOUTH MAIN STREET MUST BE CONSTRUCTED PRIOR TO ABANDONING AND FILLING THE EXISTING 10" VCP SANITARY SEWER NORTH OF ILLINOIS AVE. & SOUTH MAIN STREET FROM MH 021-003 TO 021-004 (STA. 381+13).
- 17 TRAFFIC CONTROL REQUIRED TO CONSTRUCT SANITARY SEWERS AND SANITARY SEWER RELATED WORK SHALL BE PAID FOR UNDER PAY ITEMS, 70102620, 70102622, 70102625, 70102630, 70102635 AND 70102640.
- 18 SANITARY SEWER SERVICES AND SERVICE RECONNECTIONS SHALL BE LAID AT A MINIMUM OF 1.0% SLOPE. MAINTAIN A MINIMUM OF 18-INCH VERTICAL SEPERATION WITH PROPOSED OR EXISTING WATER MAINS.

SANITARY SEWER GENERAL NOTES

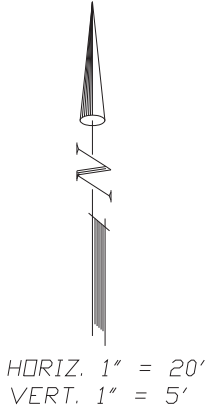
- 19 TRAFFIC CONTROL REQUIRED TO CONSTRUCT SANITARY SEWERS AND SANITARY SEWER RELATED WORK SHALL BE PAID FOR UNDER PAY ITEMS 70102620, 70102622, 70102625, 70102630, 70102635, AND 70102640.
- 20 IN THE EVENT THE WATER TABLE IS ABOVE THE BOTTOM OF THE PIPE BEDDING, OR THE TRENCH BOTTOM IS UNSTABLE OR UNSUITABLE, A POROUS GRANULAR FOUNDATION MEETING I.D.O.T. SPECIFICATIONS OF CA5, CA3 OR 1/2 A 3/2 STONE SHALL BE INSTALLED AS NECESSARY BELOW THE GRANULAR BEDDING MATERIAL, EXTENDING TO THE LIMITS OF THE BEDDING DIAGRAM AT NO EXTRA COST TO THE OWNER. SHOULD BOULDERS, FROZEN MATERIAL, ETC., WHICH COULD DAMAGE THE PIPE BE PRESENT IN THE NATIVE BACKFILL MATERIAL, THE CONTRACTOR SHALL BRING THE BEDDING MATERIAL TO A POINT TWENTY-FOUR INCHES (24") ABOVE THE CROWN OF THE PIPE (COST INCIDENTAL).
- 21 CONTRACTOR SHALL PROPERLY DISPOSE OF ALL SPOIL AT NO ADDITIONAL COST TO THE DISTRICT.
- 22 PAYMENT FOR BEDDING, BACKFILL AND COMPACTION SHALL BE INCLUDED IN THE UNIT PRICE FOR ALL SANITARY SEWER RELATED BID ITEMS, COMPLETE IN PLACE.
- 23 THE CONTRACTOR SHALL PROVIDE BYPASS PUMPING AS REQUIRED AND SHALL BE TOTALLY RESPONSIBLE FOR PROVIDING ALL PUMPS, CONDUITS, PLUGS AND OTHER EQUIPMENT TO DIVERT THE FLOW OF SEWAGE AS REQUIRED TO CONSTRUCT THE PROPOSED SANITARY SEWER. THE CONTRACTOR SHALL ONLY PUMP FLOW INTO OTHER SANITARY SEWER MANHOLES AS APPROVED BY THE DISTRICT. THE PUMPING SYSTEM SHALL HAVE SUFFICIENT CAPACITY TO HANDLE THE EXISTING FLOW PLUS ANY ADDITIONAL FLOW THAT MAY OCCUR DURING PEAK FLOW PERIODS. THE CONTRACTOR SHALL PROVIDE SUFFICIENT INSPECTION PERSONNEL TO ENSURE THAT SURCHARGING AND BACKUPS DO NOT OCCUR ON PUBLIC OR PRIVATE PROPERTY. IF PUMPING IS REQUIRED ON A 24 1/2 HOUR BASIS, THE EQUIPMENT SUPPLIED SHALL BE EQUIPPED TO MINIMIZE NOISE TO A LEVEL OF NINETY DECIBELS (90 DB) OR LESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE CURRENT LEVEL OF SERVICE TO ALL PROPERTIES AND LIABLE FOR ANY DAMAGE CAUSED BY SEWER BACK-UPS RESULTING FROM THIS PROJECT. ALL PLUGS OR BLOCKING SHALL BE RESTRAINED TO ENSURE THAT THEY CANNOT BE WASHED DOWNSTREAM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEAN UP, REPAIR, RESTORATION OF DAMAGED PROPERTY AND ANY COSTS AND CLAIMS RESULTING FROM SEWAGE BACKUPS. PAYMENT FOR BYPASS PUMPING SHALL BE INCLUDED IN THE UNIT PRICE FOR ALL SANITARY SEWER RELATED BID ITEMS, COMPLETE IN PLACE.
- 24 SANITARY SEWER REMOVAL SHALL CONSIST OF REMOVING EXISTING VITRIFIED CLAY SANITARY SEWER. THE EXISTING SANITARY SEWER PIPE SHALL BE REMOVED COMPLETELY AND DISPOSED OF PER SECTION 202.03 OF THE I.D.O.T. STANDARD SPECIFICATIONS. PAYMENT FOR REMOVE SANITARY SEWER SHALL BE INCLUDED IN THE UNIT PRICE FOR ALL SANITARY SEWER RELATED BID ITEMS, COMPLETE IN PLACE.
- 25 CONTRACTOR SHALL USE ALL MEANS AT HIS DISPOSAL TO MAINTAIN A DRY TRENCH TO THE SATISFACTION OF THE DISTRICT. GROUND WATER WILL NOT BE ALLOWED TO BE PUMPED ON EXISTING GROUND SURFACES OR PAVEMENTS WHERE IT MAY CAUSE A TRAFFIC NUISANCE, OR INTO EXISTING SANITARY SEWERS; IT SHALL BE DISCHARGED TO A POINT ACCEPTABLE TO THE DISTRICT, WITH ALL EROSION CONTROL SPECIFICATIONS TAKEN INTO ACCOUNT. ANY PERMITS REQUIRED TO PERFORM DEWATERING WORK ON THIS PROJECT SHALL BE SECURED BY THE CONTRACTOR. DEWATERING WELL POINTS SHALL REQUIRE PERMITS ISSUED BY THE WINNEBAGO COUNTY DEPARTMENT OF PUBLIC HEALTH. IF GENERATORS ARE REQUIRED TO RUN ON A 24-HOUR BASIS, THEY SHALL BE EQUIPPED WITH AN ADEQUATE MUFFLER AND PROPERLY MAINTAINED TO PREVENT NOISE TO A LEVEL OF 90 DB OR LESS. PAYMENT FOR DEWATERING SHALL BE INCLUDED IN THE UNIT PRICE FOR ALL SANITARY SEWER RELATED BID ITEMS, COMPLETE IN PLACE.
- 26 GENERAL LOCATION OF SEWER IS GOVERNED BY EXISTING OBSTRUCTIONS IN THE FIELD. MINOR VARIATIONS IN LOCATION MAY BE MADE AFTER APPROVAL BY DISTRICT TO FACILITATE CONSTRUCTION OPERATIONS.
- 27 FINAL INSPECTION, TESTING AND ACCEPTANCE TESTS SHALL BE IN ACCORDANCE WITH GENERAL PROVISIONS AND TECHNICAL SPECIFICATIONS FOR SANITARY SEWER CONSTRUCTION AND THE REQUIREMENTS OF THE ROCK RIVER WATER RECLAMATION DISTRICT. LOW PRESSURE AIR TESTING SHALL BE PERFORMED ON ALL NEW SANITARY SEWER LINES, AND SHALL USE AN ALLOWABLE PRESSURE DROP OF 0.5 PSIG. ALL FLEXIBLE SEWER PIPE SHALL BE DEFLECTION TESTED. DEFLECTION SHALL NOT EXCEED 5% OF BASE I.D. INDICATED IN THE APPLICABLE ASTM STANDARD. THE FINAL DEFLECTION TEST SHALL NOT BE MADE UNTIL ALL THE BACKFILL HAS BEEN IN-PLACE FOR A MINIMUM OF THIRTY (30) DAYS.
- 28 NOTE: LOW PRESSURE AIR TESTING OF SEWER MAIN WITH LIVE SERVICE CONNECTIONS AND SANITARY SEWER MAIN LINE REPAIRS WILL NOT BE REQUIRED. LIVE SEWERS AND MAIN LINE REPAIRS SHALL BE TELEVISED BY THE DISTRICT FOR FINAL ACCEPTANCE. CONTACT TERRY STOLL AT (815) 543-7983 TO SCHEDULE TELEVISIONING. A MINIMUM OF 48 HOURS NOTICE IS REQUIRED.
- 29 ALL NEW SANITARY SEWER MANHOLES SHALL BE VACUUM TESTED PER ASTM C1244 1/2 STANDARD TEST METHOD FOR CONCRETE SEWER MANHOLES BY THE NEGATIVE PRESSURE (VACUUM) TEST 1/2 PRIOR TO PLACING INTO SERVICE.

ROCK RIVER WATER RECLAMATION DISTRICT	USER NAME = BOB FREY	DESIGNED MKR	REVISED 07/10/2012 BPF	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SANITARY SEWER GENERAL NOTES IL RTE 2		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = AS NOTED	DRAWN BPF	REVISED 07/16/2012 BPF				742	(32, 33) R-1	WINNEBAGO	705	335
	PLOT DATE = 07/16/2012	CHECKED DLC	REVISED 10/02/2012 BPF				CONTRACT NO. 64821				
		DATE 04/20/2012	REVISED 11/28/2012 BPF				SCALE: N/A	SHEET NO. 335 OF 705 SHEETS		ILLINOIS FED. AID PROJECT	

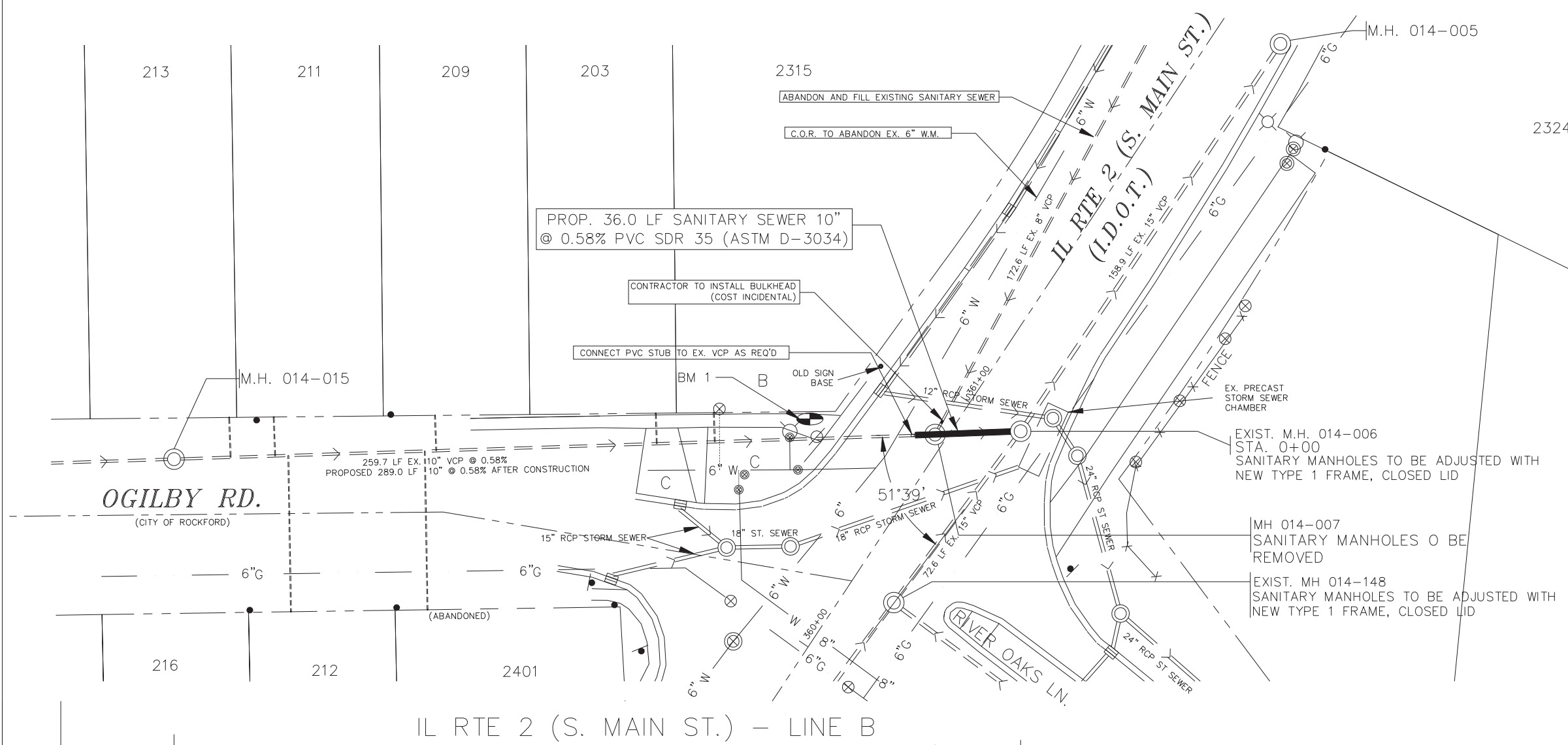
BENCHMARKS				
NO.	DESCRIPTION	STATION	OFFSET	ELEV.
NO. 1	RR SPIKE E. FACE OF P.P.	0+70	1' RT	713.15
	NW CORNER OGILBY / S. MAIN			

NOTE: THIS PLAN SHEET SHOWS EXISTING CONDITIONS ONLY. ALL REMOVALS NECESSARY TO COMPLETE THIS WORK ARE INCLUDED AS PART OF THE I.D.O.T. ROADWAY PLANS.

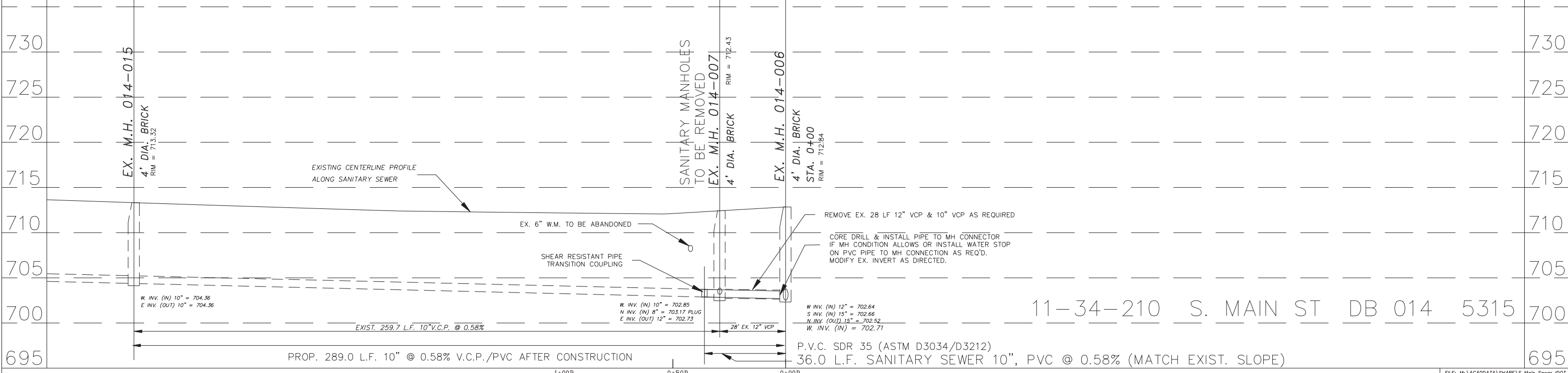
ROCK RIVER



- NOTES:
- NOT ALL UTILITY SERVICES ARE SHOWN.
 - SANITARY SEWER SERVICE RECONNECTION TO 2303 S. MAIN ST. MUST BE CONNECTED TO 15" SAN. AND THE COLE AVE. SEWER EXTENSION STA. 364+78 MUST BE CONSTRUCTED PRIOR TO ABANDONING THE 8" SAN. UPSTREAM OF MH 014-007.



IL RTE 2 (S. MAIN ST.) - LINE B

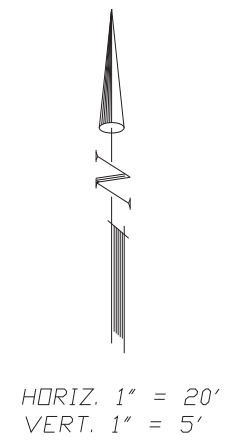
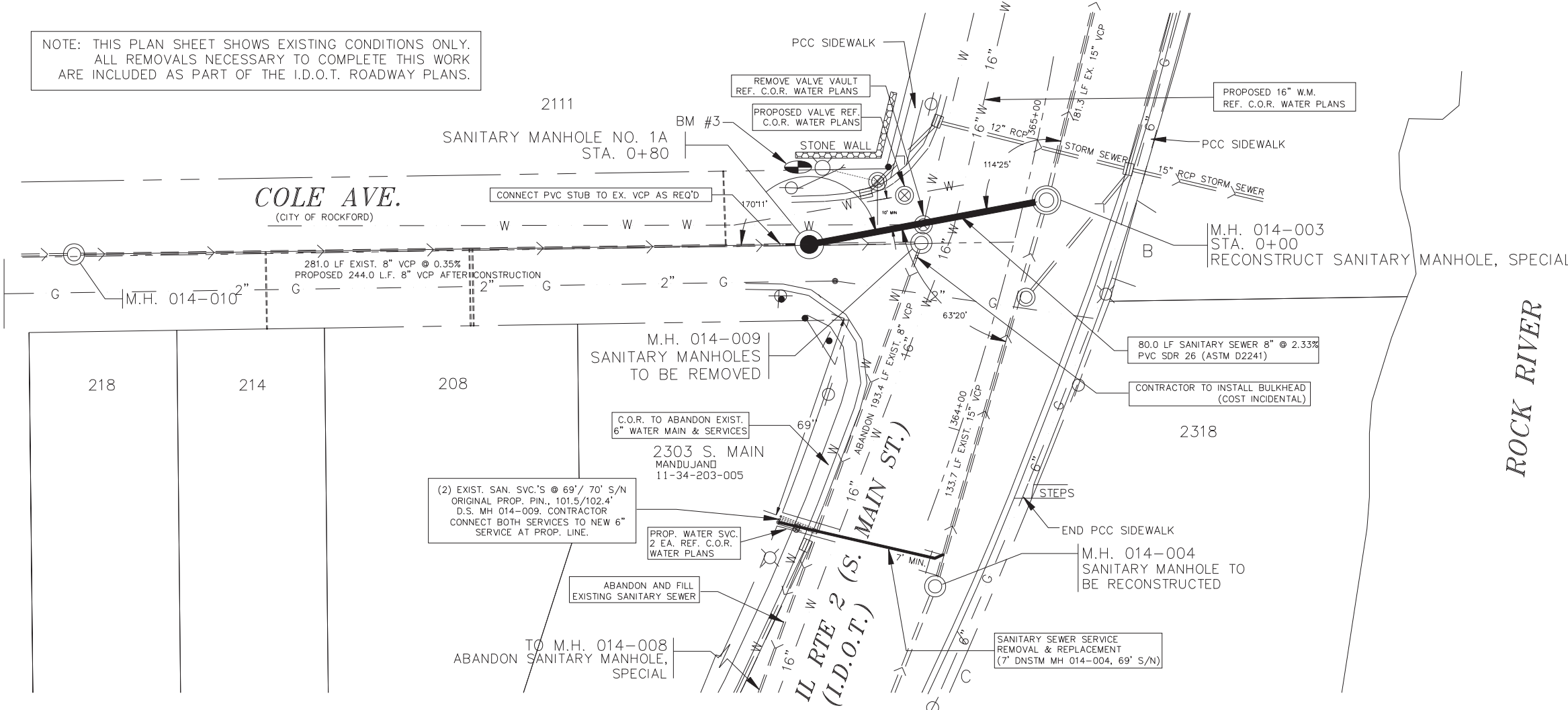


11-34-210 S. MAIN ST DB 014 5315

FILE NAME = S MAIN SEWER IDOT.DWG	USER NAME = M RIEGER	DESIGNED - MKR/MAW	REVISED 10/09/2012 BPF	ROCK RIVER WATER RECLAMATION DISTRICT 3501 KISHWAUKEE STREET ROCKFORD, ILLINOIS 61109 (815) 387-7660	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE - S. MAIN ST. STA. 0+00B - STA. 0+36B	F.A.P. RTE. 742	SECTION (32, 33) R-1	SCALE: 1:20	TOTAL SHEETS NO. 705	SHEET NO. 336
	PLOT SCALE AS NOTED	CHECKED - MAW	REVISED -		SOUTH MAIN ST. SAN. SEWER IMPROVEMENTS					CONTRACT NO. 64821	
	DATE - 4/16/2012	REVISD -	REVISD -		CAPITAL PROJECT 1257, 2012					ILLINOIS FED. AID PROJECT	

NOTE: THIS PLAN SHEET SHOWS EXISTING CONDITIONS ONLY. ALL REMOVALS NECESSARY TO COMPLETE THIS WORK ARE INCLUDED AS PART OF THE I.D.O.T. ROADWAY PLANS.

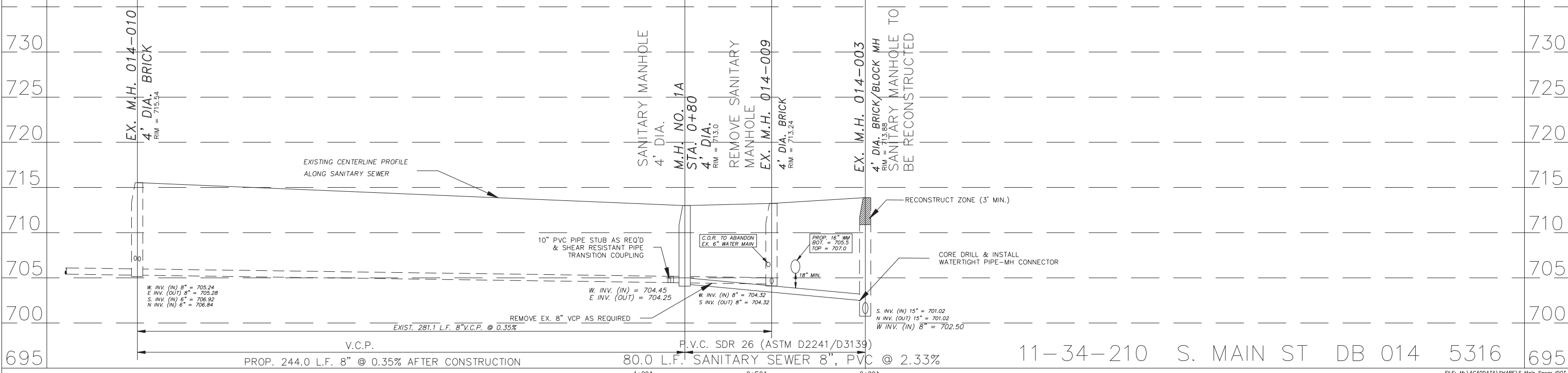
BENCHMARKS				
NO.	DESCRIPTION	STATION	OFFSET	ELEV.
NO. 3	SW BONNET BOLT ON HYDRANT	0+70	22' RT	716.58
NW CORNER COLE AVE / S. MAIN				



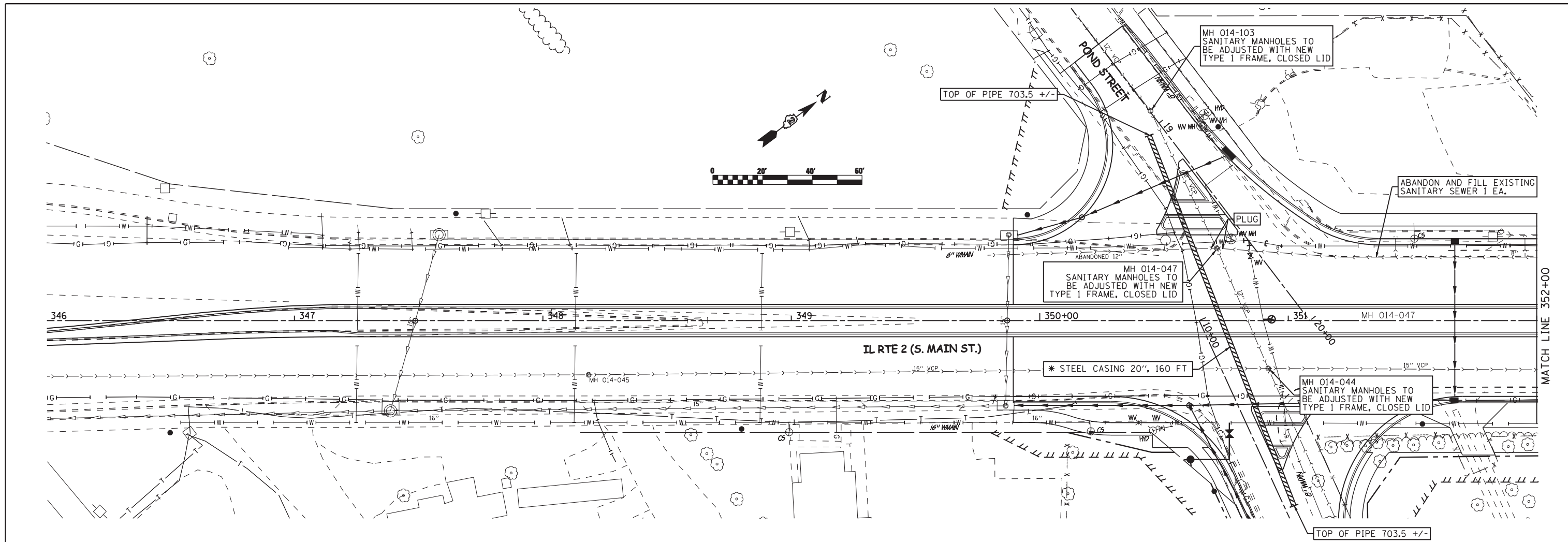
NOTES
 R = REMOVE TREE
 T = RELOCATE TREE
 S = SAVE TREE

NOTE: NOT ALL UTILITY SERVICES ARE SHOWN.

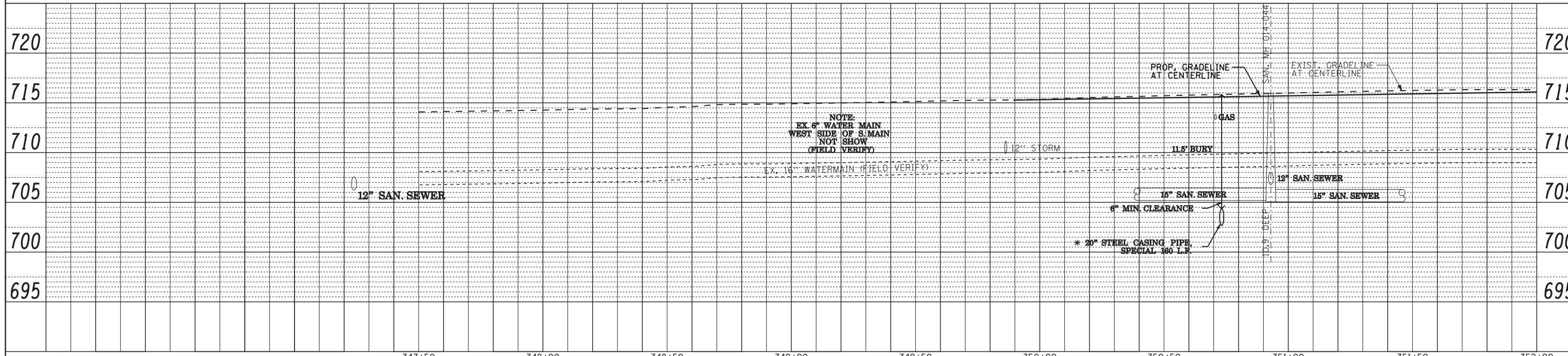
IL RTE 2 (S. MAIN ST.) - LINE A



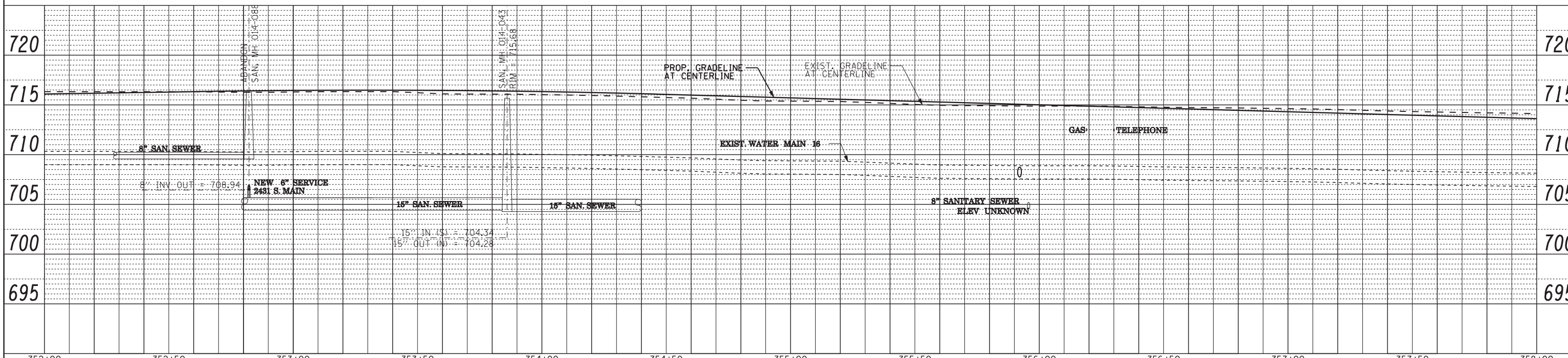
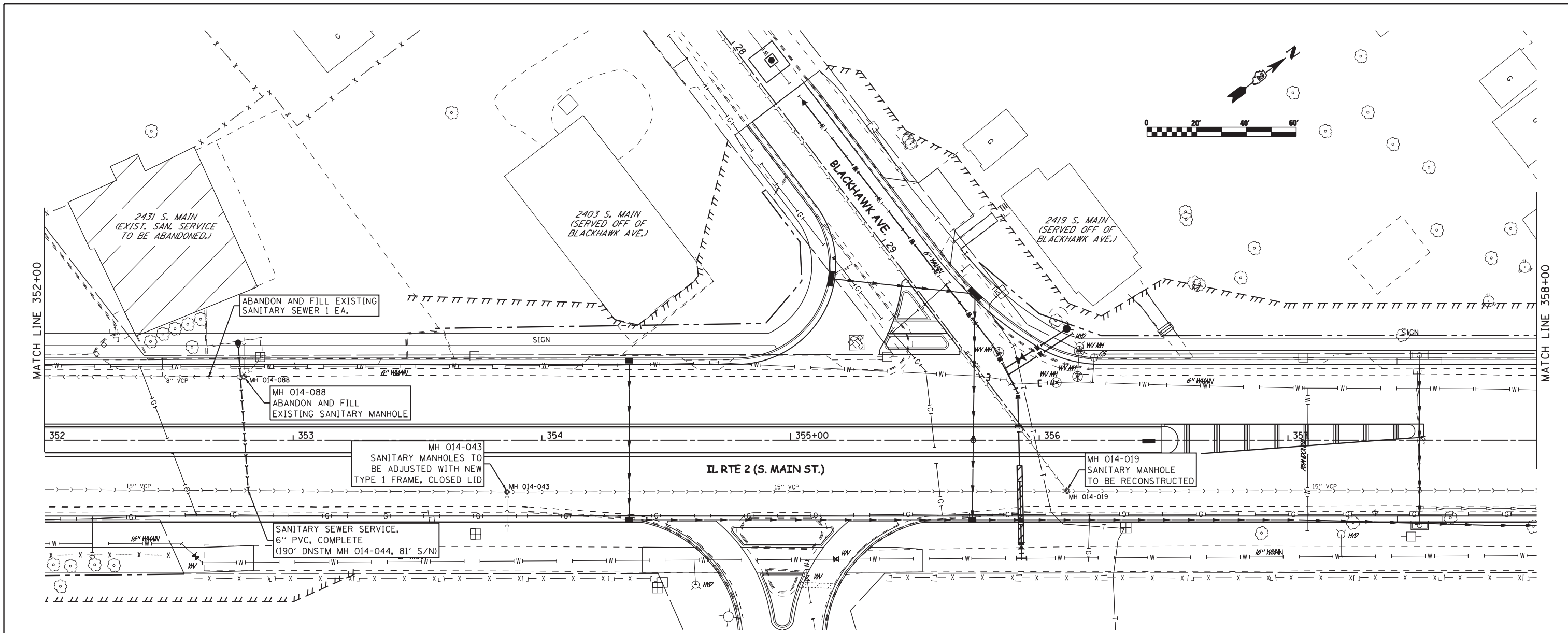
FILE NAME = S MAIN SEWER IDOT.DWG	USER NAME = M RIEGER	DESIGNED - MKR/MAW	REVISED 10/09/2012 BPF	ROCK RIVER WATER RECLAMATION DISTRICT 3501 KISHWAUKEE STREET ROCKFORD, ILLINOIS 61109 (815) 387-7660	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE - S. MAIN ST. STA. 0+00A - STA. 0+80A	F.A.P. RTE. 742	SECTION (32, 33) R-1	SCALE: 1:20	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 337
DATE - 4/16/2012				SOUTH MAIN ST. SAN. SEWER IMPROVEMENTS CAPITAL PROJECT 1257, 2012		CONTRACT NO. 64821		ILLINOIS FED. AID PROJECT				



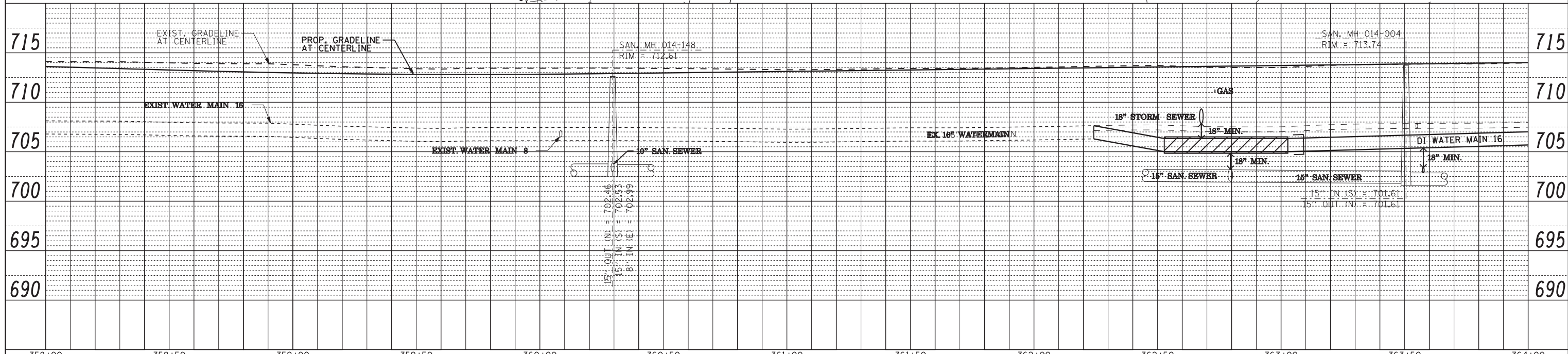
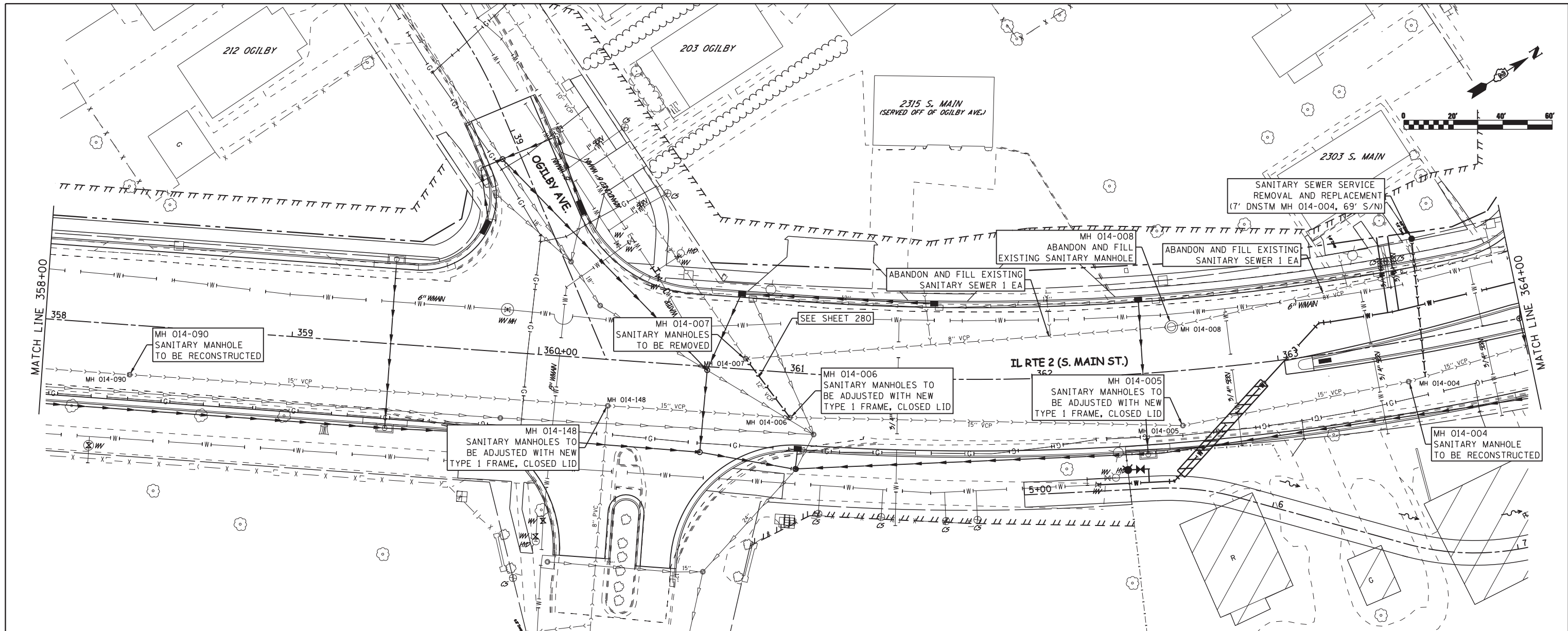
* NOTE: CASING PIPE IS FOR FUTURE RRWRD POND STREET PUMP STATION FORCEMAIN



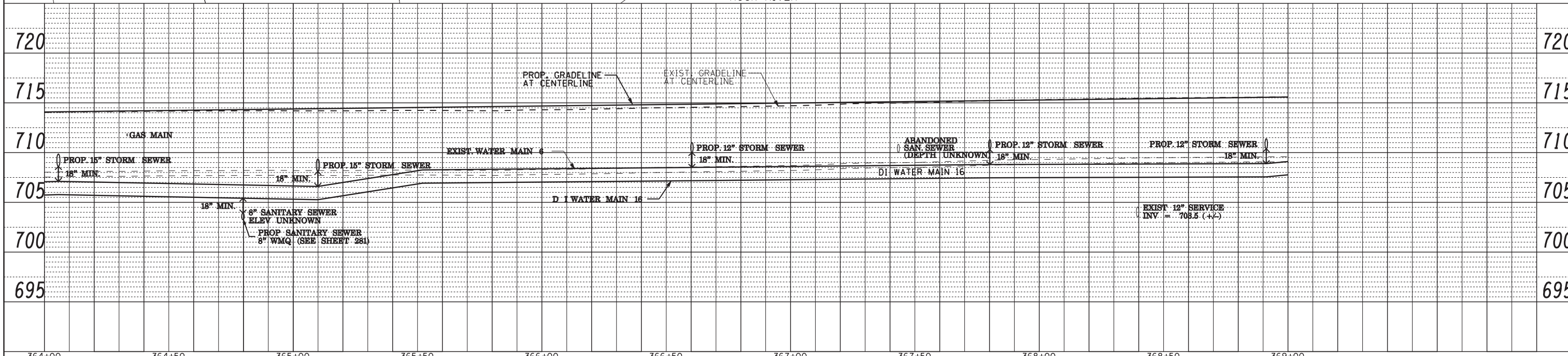
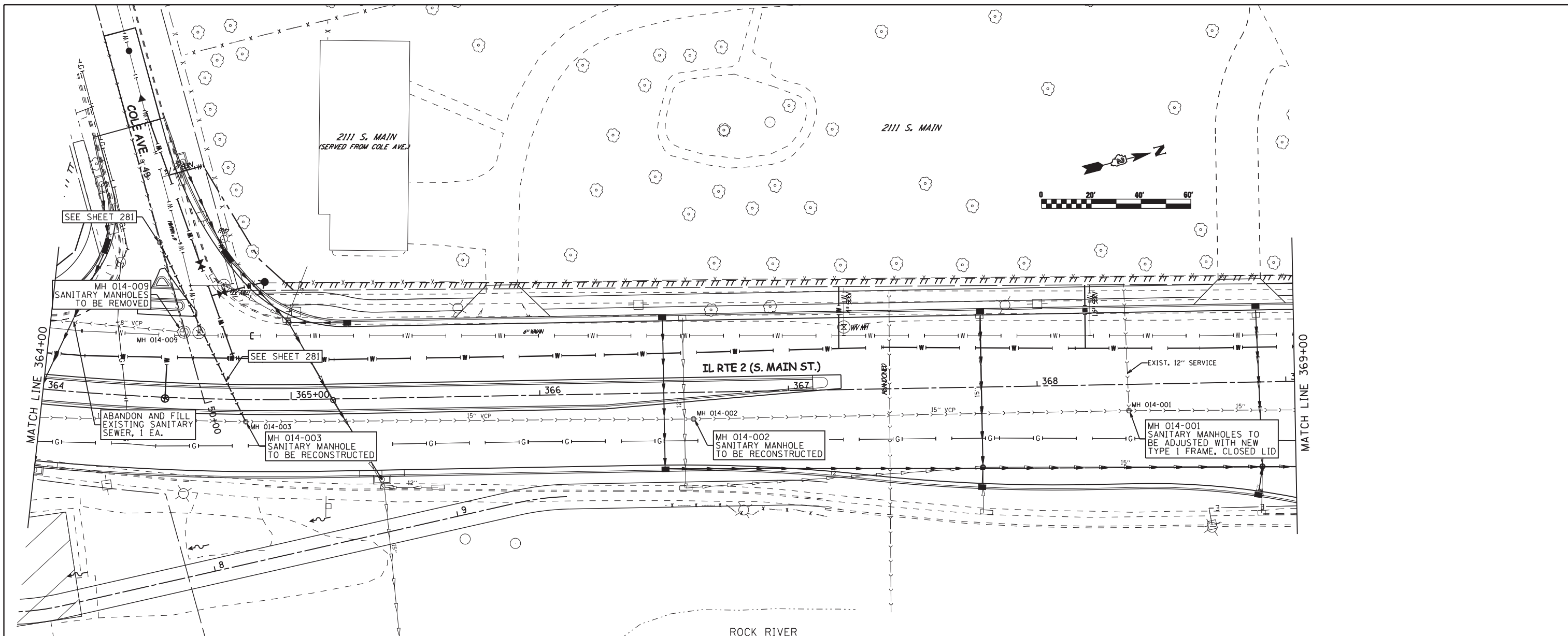
ROCK RIVER WATER RECLAMATION DISTRICT	USER NAME = BOB FREY	DESIGNED MKR	REVISED 07/10/2012 BPF	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SANITARY SEWER PLAN & PROFILE IL RTE 2			F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 338		
	PLOT SCALE = AS NOTED	CHECKED DLC	REVISED 10/02/2012 BPF					SCALE: AS NOTED SHEET NO. 338 OF 705 SHEETS STA. 346+00 TO STA. 352+00			CONTRACT NO. 64821 ILLINOIS FED. AID PROJECT			
	PLOT DATE = 07/16/2012	DATE 04/20/2012	REVISED 11/27/2012 BPF											



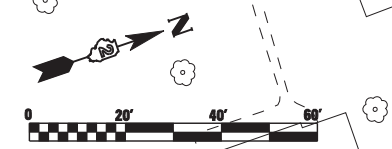
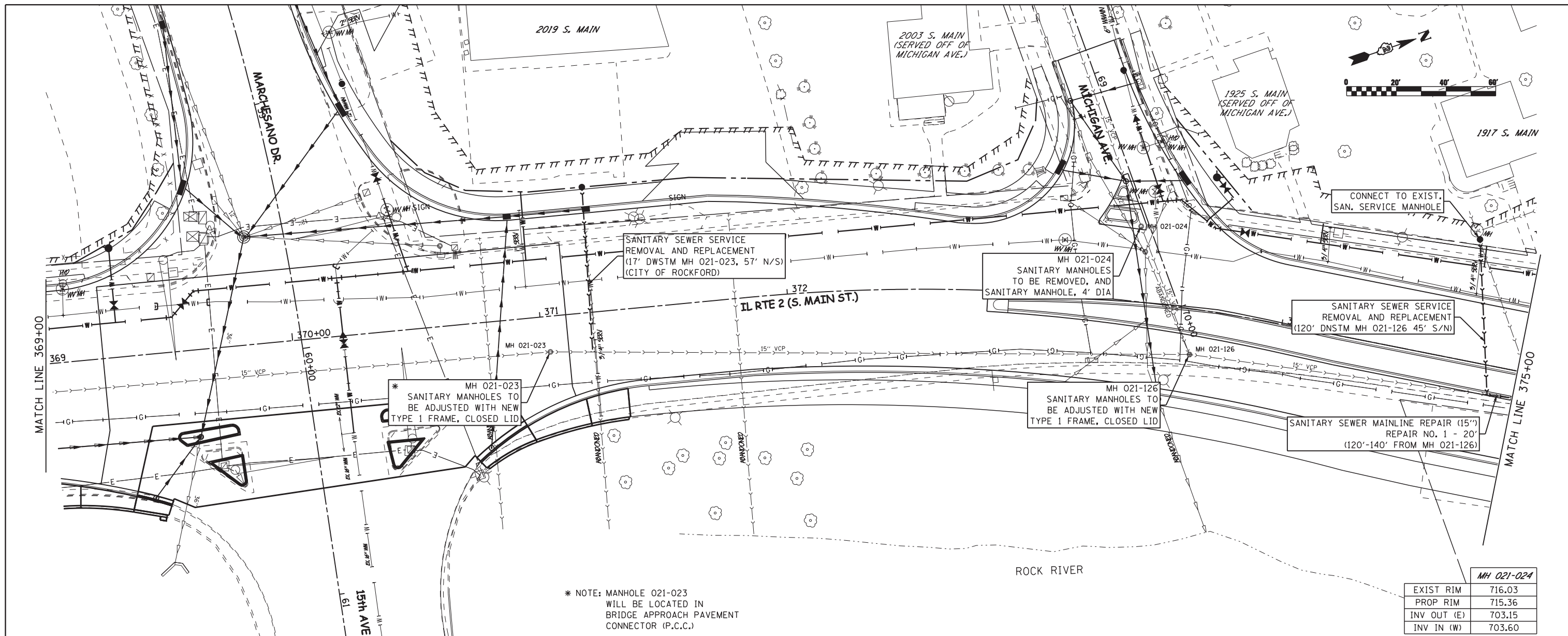
ROCK RIVER WATER RECLAMATION DISTRICT	USER NAME = BOB FREY	DESIGNED MKR	REVISED 07/10/2012 BPF	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SANITARY SEWER PLAN & PROFILE IL RTE 2	F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 339
	PLOT SCALE = AS NOTED	CHECKED DLC	REVISED 10/02/2012 BPF			SCALE: AS NOTED	SHEET NO. 339 OF 705 SHEETS	STA. 352+00 TO STA. 358+00	CONTRACT NO. 64821	
PLOT DATE = 07/16/2012	DATE 04/20/2012	REVISOR	REVISED 11/27/2012 BPF							



ROCK RIVER WATER RECLAMATION DISTRICT	USER NAME = BOB FREY	DESIGNED MKR	REVISED 07/10/2012 BPF	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SANITARY SEWER PLAN & PROFILE IL RTE 2	F.A.P. R.T.E. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 340
	PLOT SCALE = AS NOTED	DRAWN BPF	REVISED 07/16/2012 BPF			CONTRACT NO. 64821				
	PLOT DATE = 07/16/2012	CHECKED DLC	REVISED 10/02/2012 BPF			ILLINOIS FED. AID PROJECT				
	DATE 04/20/2012	DATE 04/20/2012	REVISED 11/27/2012 BPF							

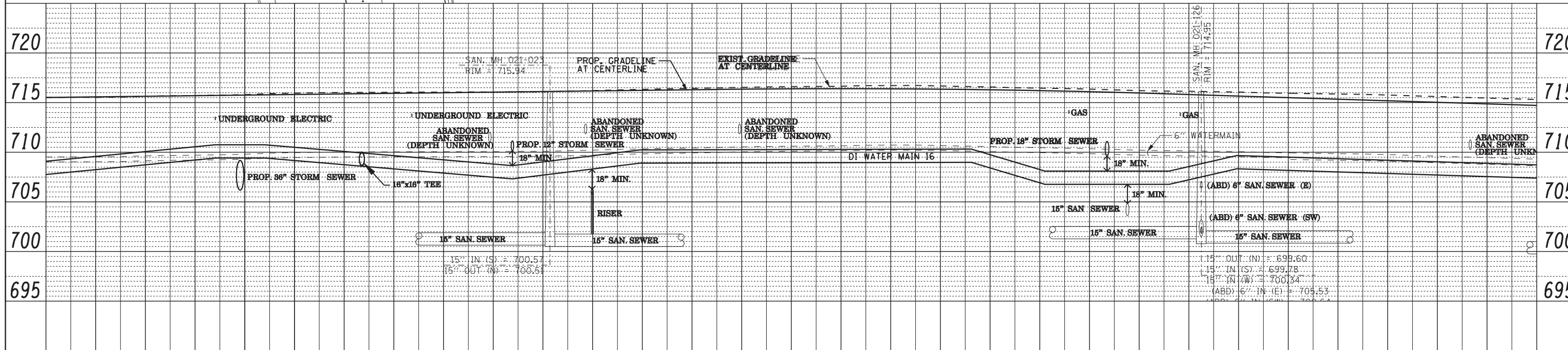


ROCK RIVER WATER RECLAMATION DISTRICT	USER NAME = BOB FREY	DESIGNED MKR	REVISED 07/10/2012 BPF	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SANITARY SEWER PLAN & PROFILE IL RTE 2	F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 341
	PLOT SCALE = AS NOTED	CHECKED DLC	REVISED 10/02/2012 BPF			SCALE: AS NOTED	SHEET NO. 341 OF 705 SHEETS	STA. 364+00 TO STA. 369+00	CONTRACT NO. 64821	ILLINOIS FED. AID PROJECT
PLOT DATE = 07/16/2012	DATE 04/20/2012	REVISOR BPF	REVISOR BPF							

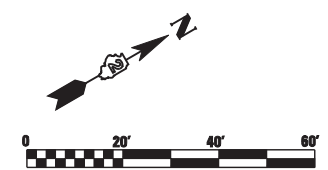
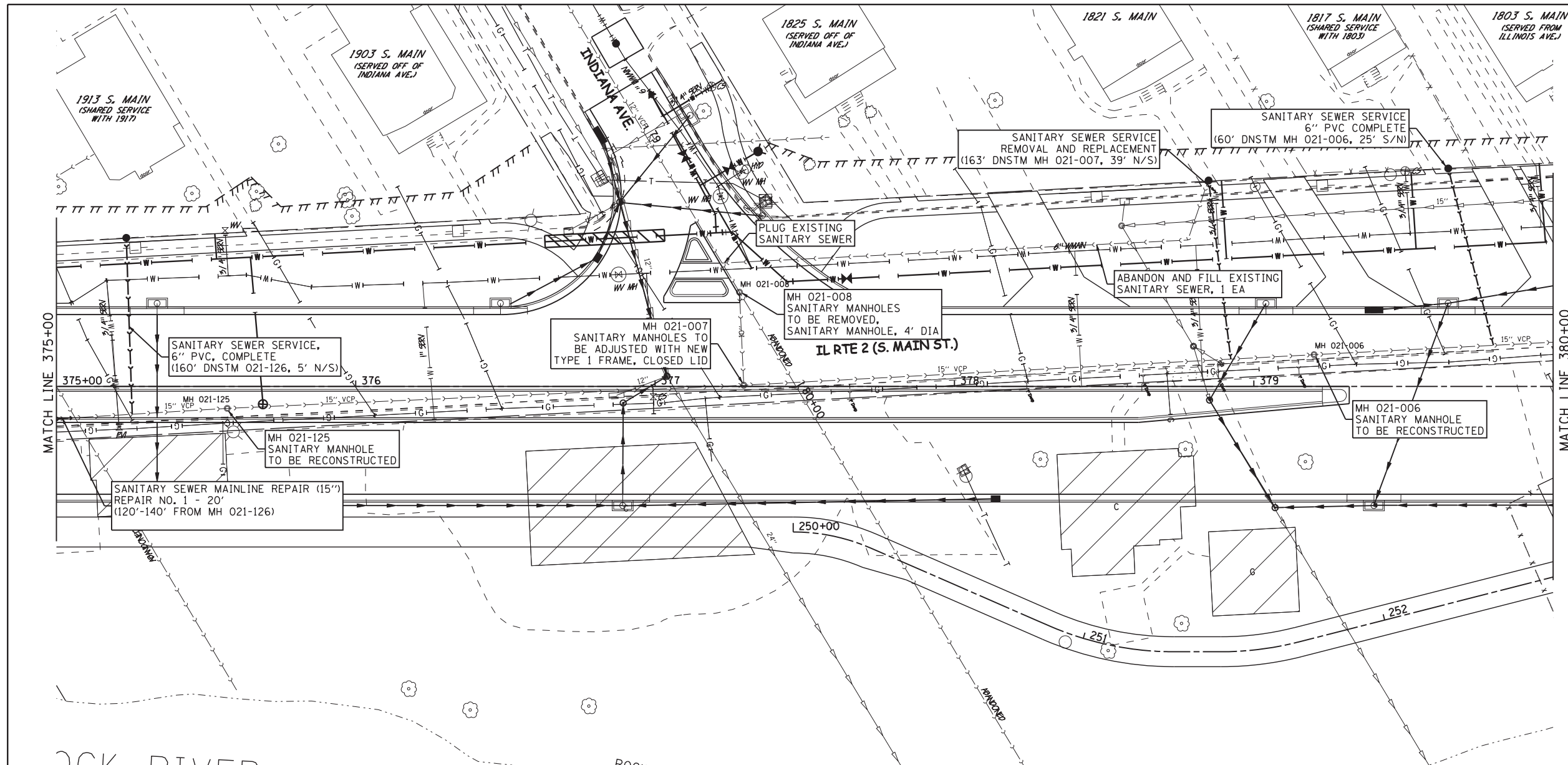


* NOTE: MANHOLE 021-023
WILL BE LOCATED IN
BRIDGE APPROACH PAVEMENT
CONNECTOR (P.C.C.)

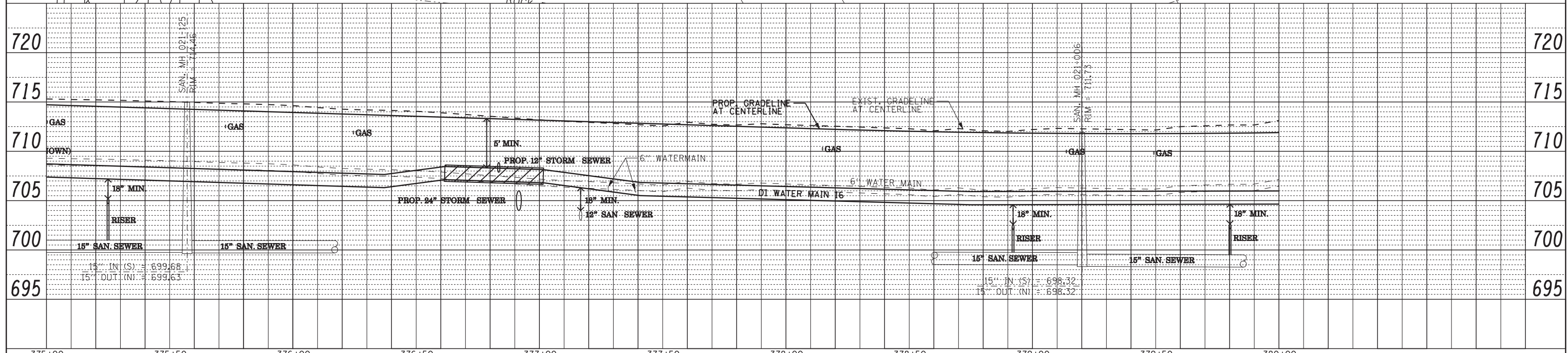
MH 021-024	
EXIST RIM	716.03
PROP RIM	715.36
INV OUT (E)	703.15
INV IN (W)	703.60



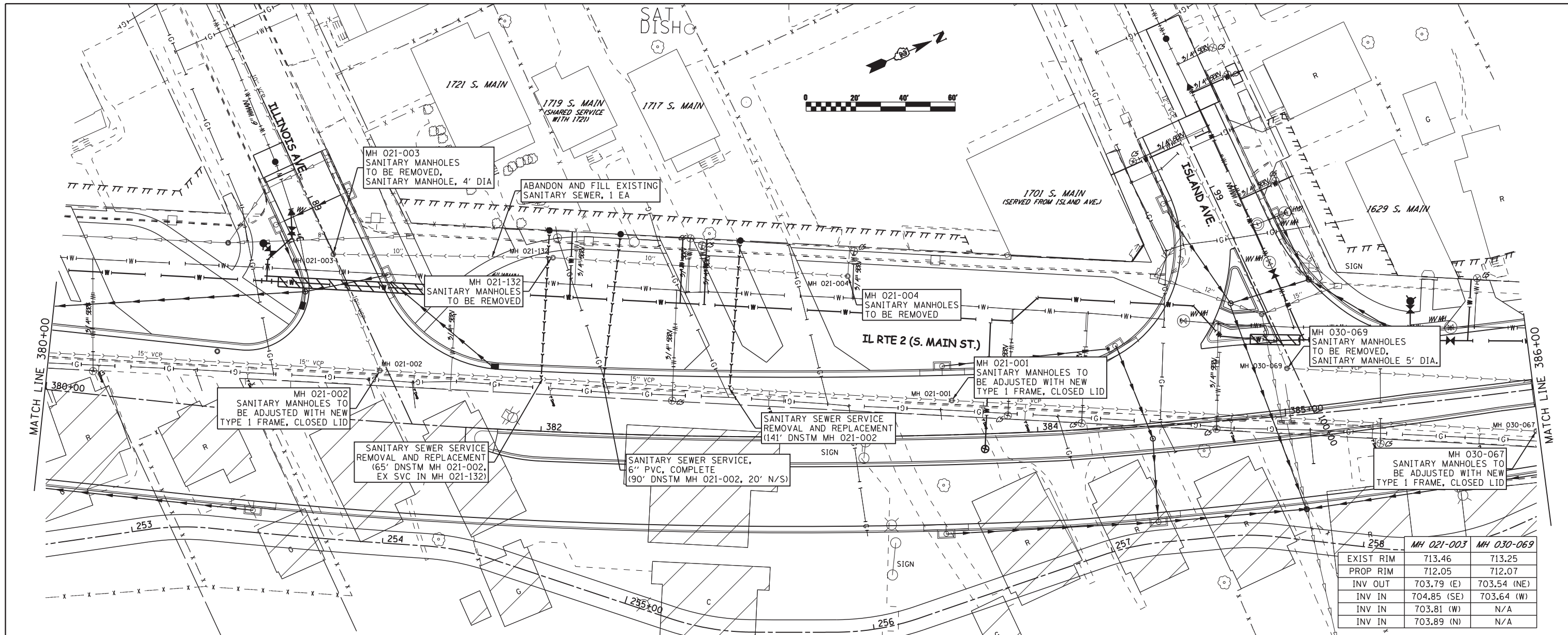
ROCK RIVER WATER RECLAMATION DISTRICT	USER NAME = BOB FREY	DESIGNED MKR	REVISED 07/10/2012 BPF	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SANITARY SEWER PLAN & PROFILE IL RTE 2		F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 342		
	PLOT SCALE = AS NOTED	DRAWN BPF	REVISED 07/16/2012 BPF				SCALE: AS NOTED SHEET NO. 342 OF 705 SHEETS STA. 369+00 TO STA. 375+00		CONTRACT NO. 64821 ILLINOIS FED. AID PROJECT				
	PLOT DATE = 07/16/2012	CHECKED DLC	REVISED 10/02/2012 BPF										
		DATE 04/20/2012	REVISOR BPF				REVISED 11/27/2012 BPF						



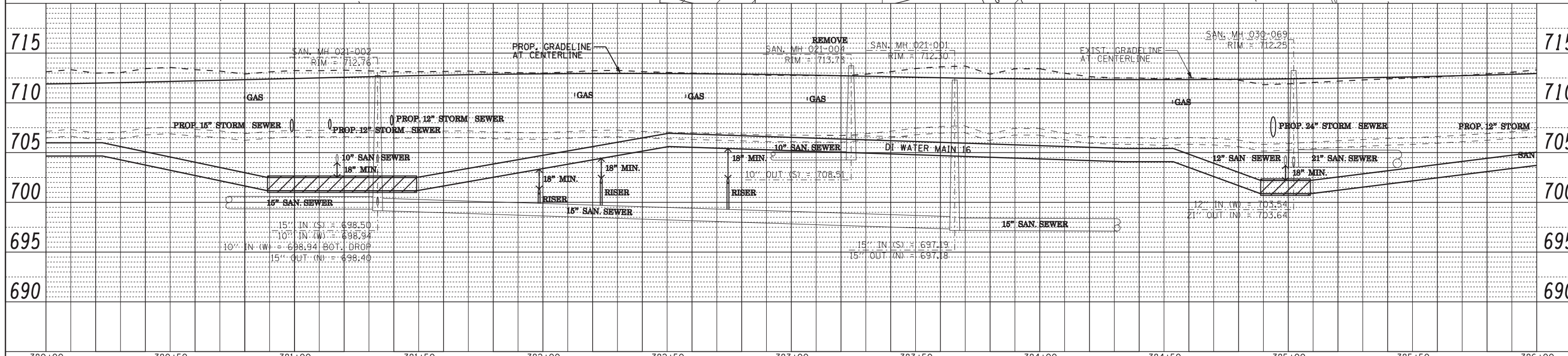
MH 021-008	
EXIST RIM	713.72
PROP RIM	712.30
INV OUT (SE)	701.95
INV IN (SW)	702.13
INV IN (W)	703.58

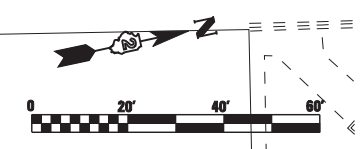
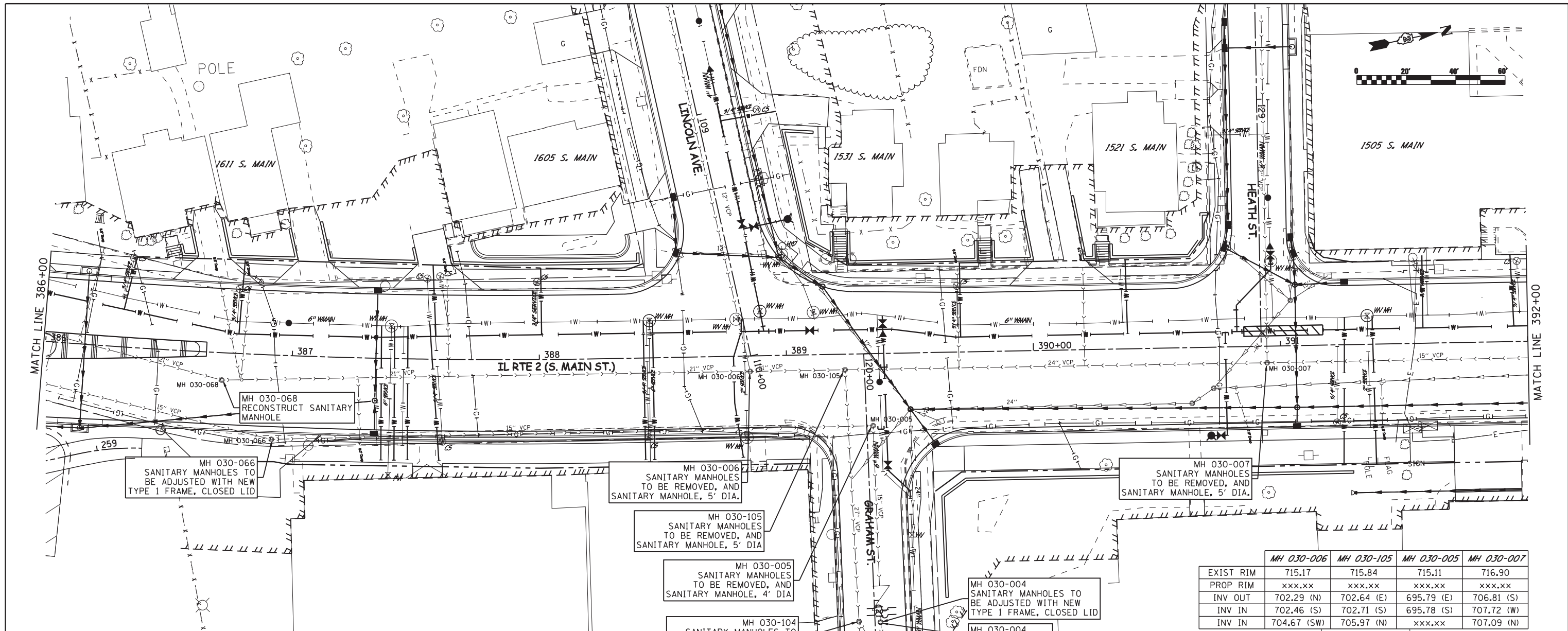


375+00	375+50	376+00	376+50	377+00	377+50	378+00	378+50	379+00	379+50	380+00	
ROCK RIVER WATER RECLAMATION DISTRICT USER NAME = BOB FREY PLOT SCALE = AS NOTED PLOT DATE = 07/16/2012		DESIGNED MKR DRAWN BPF CHECKED DLC DATE 04/20/2012		REVISED 07/10/2012 BPF REVISED 07/16/2012 BPF REVISED 10/02/2012 BPF REVISED 11/27/2012 BPF		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			PROPOSED SANITARY SEWER PLAN & PROFILE IL RTE 2		F.A.P. RTE. 742 SECTION (32, 33) R-1 COUNTY WINNEBAGO TOTAL SHEETS 705 SHEET NO. 343 CONTRACT NO. 64821 ILLINOIS FED. AID PROJECT

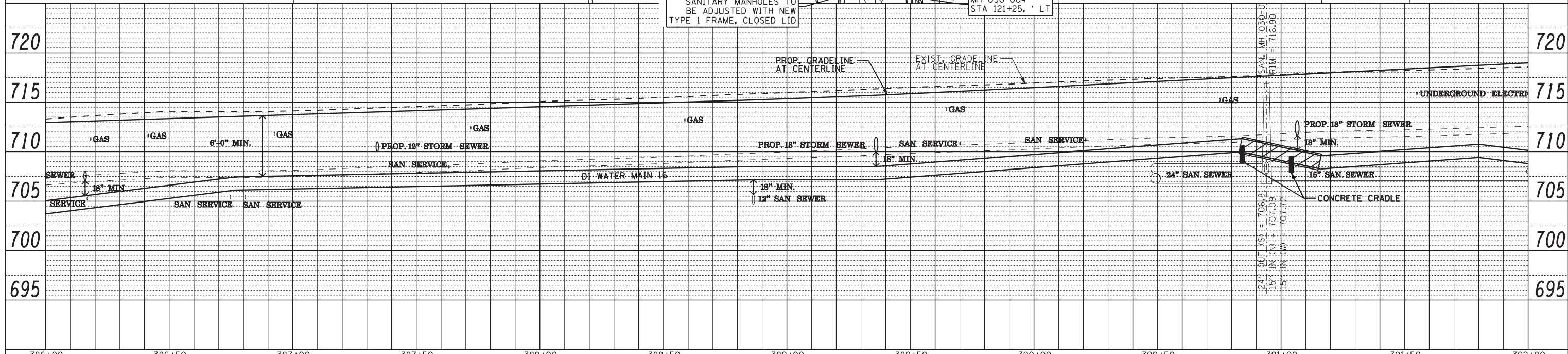


258	MH 021-003	MH 030-069
EXIST RIM	713.46	713.25
PROP RIM	712.05	712.07
INV OUT	703.79 (E)	703.54 (NE)
INV IN	704.85 (SE)	703.64 (W)
INV IN	703.81 (W)	N/A
INV IN	703.89 (N)	N/A



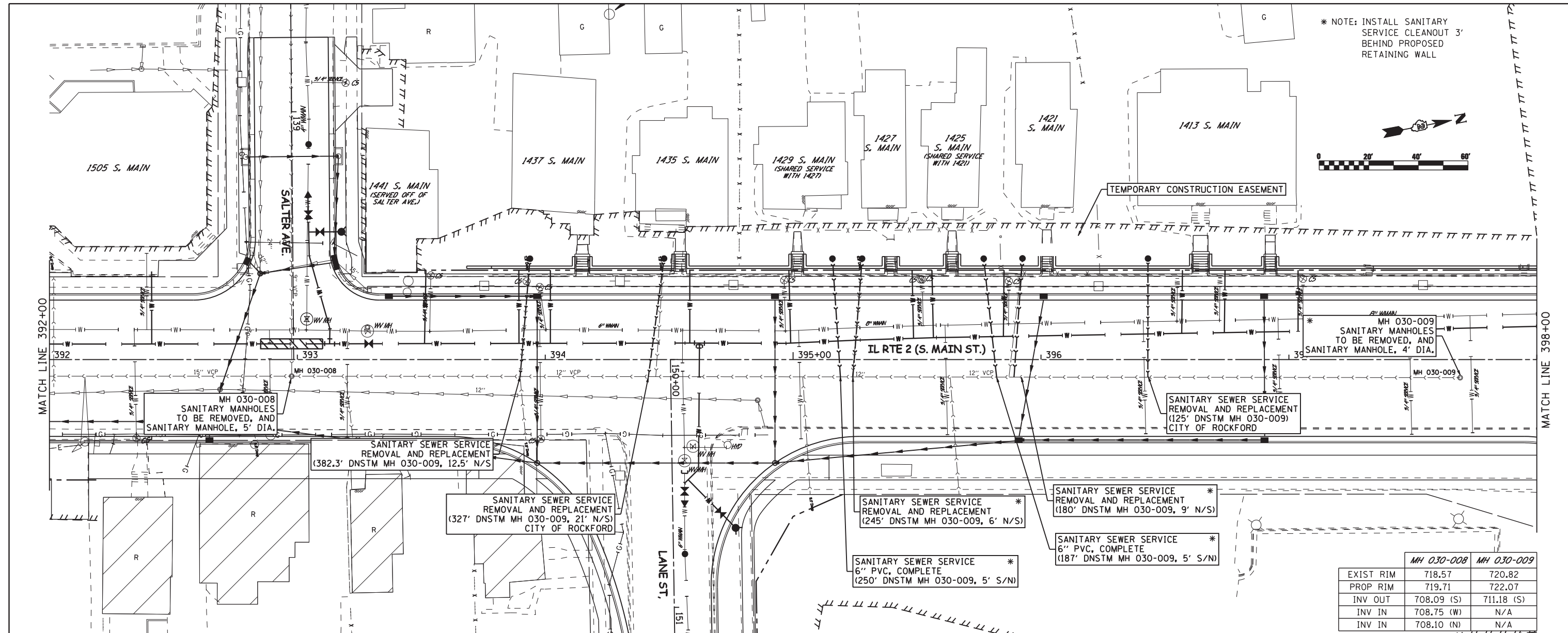
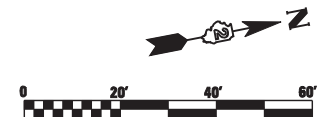


	MH 030-006	MH 030-105	MH 030-005	MH 030-007
EXIST RIM	715.17	715.84	715.11	716.90
PROP RIM	xxx.xx	xxx.xx	xxx.xx	xxx.xx
INV OUT	702.29 (N)	702.64 (E)	695.79 (E)	706.81 (S)
INV IN	702.46 (S)	702.71 (S)	695.78 (S)	707.72 (W)
INV IN	704.67 (SW)	705.97 (N)	xxx.xx	707.09 (N)

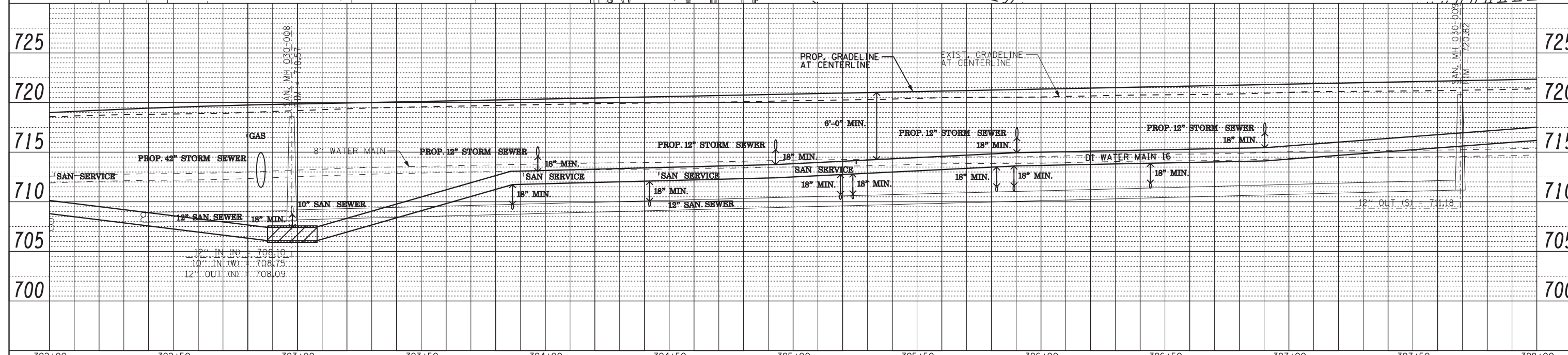


ROCK RIVER WATER RECLAMATION DISTRICT	USER NAME = BOB FREY	DESIGNED MKR	REVISED 07/10/2012 BPF	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SANITARY SEWER PLAN & PROFILE IL RTE 2		F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 345	
	PLOT SCALE = AS NOTED	CHECKED DLC	REVISED 10/02/2012 BPF				CONTRACT NO. 64821					
	PLOT DATE = 07/16/2012	DATE 04/20/2012	REVISED 11/27/2012 BPF				ILLINOIS FED. AID PROJECT					
	SCALE: AS NOTED						SHEET NO. 345 OF 705 SHEETS			STA. 386+00 TO STA. 392+00		

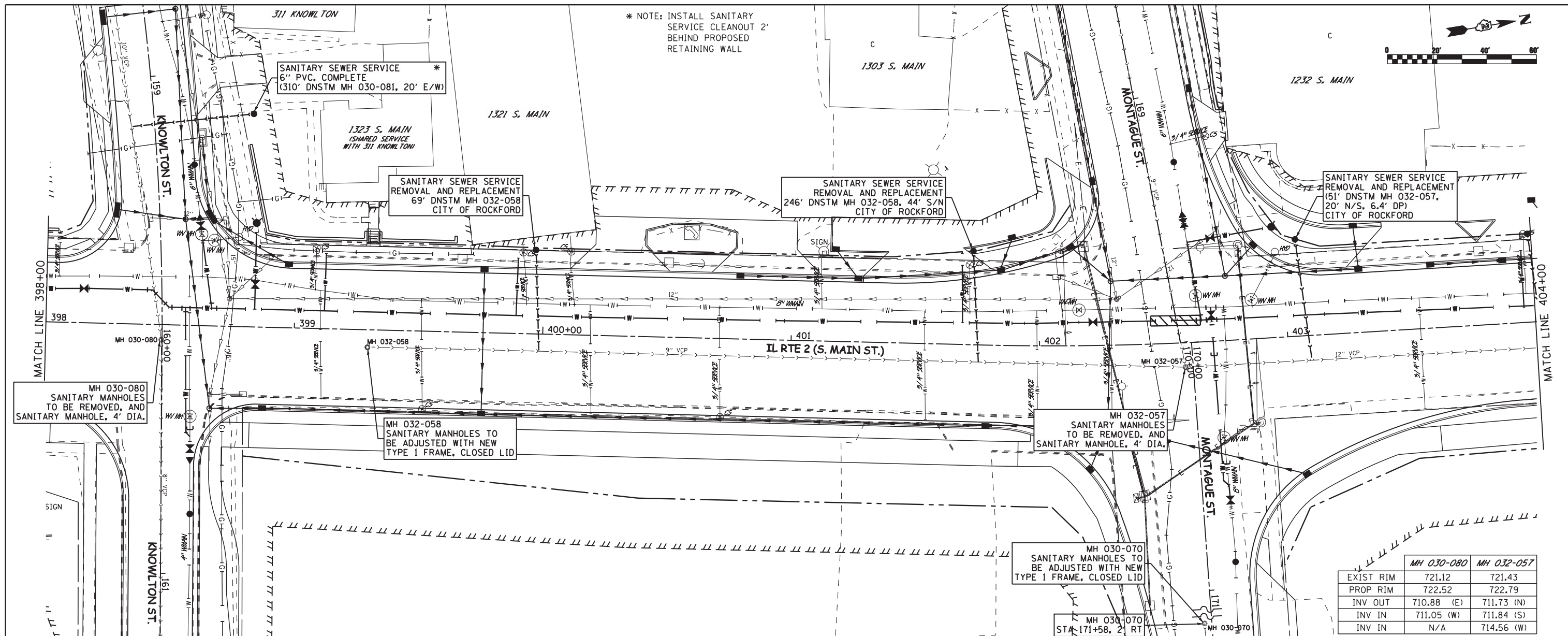
* NOTE: INSTALL SANITARY SERVICE CLEANOUT 3' BEHIND PROPOSED RETAINING WALL



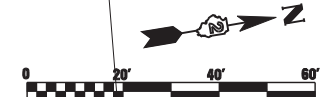
	MH 030-008	MH 030-009
EXIST RIM	718.57	720.82
PROP RIM	719.71	722.07
INV OUT	708.09 (S)	711.18 (S)
INV IN	708.75 (W)	N/A
INV IN	708.10 (N)	N/A



ROCK RIVER WATER RECLAMATION DISTRICT	USER NAME = BOB FREY	DESIGNED MKR	REVISED 07/10/2012 BPF	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SANITARY SEWER PLAN & PROFILE IL RTE 2		F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 346	
	PLOT SCALE = AS NOTED	CHECKED DLC	REVISED 10/02/2012 BPF				CONTRACT NO. 64821					
	PLOT DATE = 07/16/2012	DATE 04/20/2012	REVISED 11/27/2012 BPF				ILLINOIS FED. AID PROJECT					
							SCALE: AS NOTED SHEET NO. 346 OF 705 SHEETS STA. 392+00 TO STA. 398+00					



* NOTE: INSTALL SANITARY SERVICE CLEANOUT 2' BEHIND PROPOSED RETAINING WALL



MH 030-080
SANITARY MANHOLES
TO BE REMOVED, AND
SANITARY MANHOLE, 4' DIA.

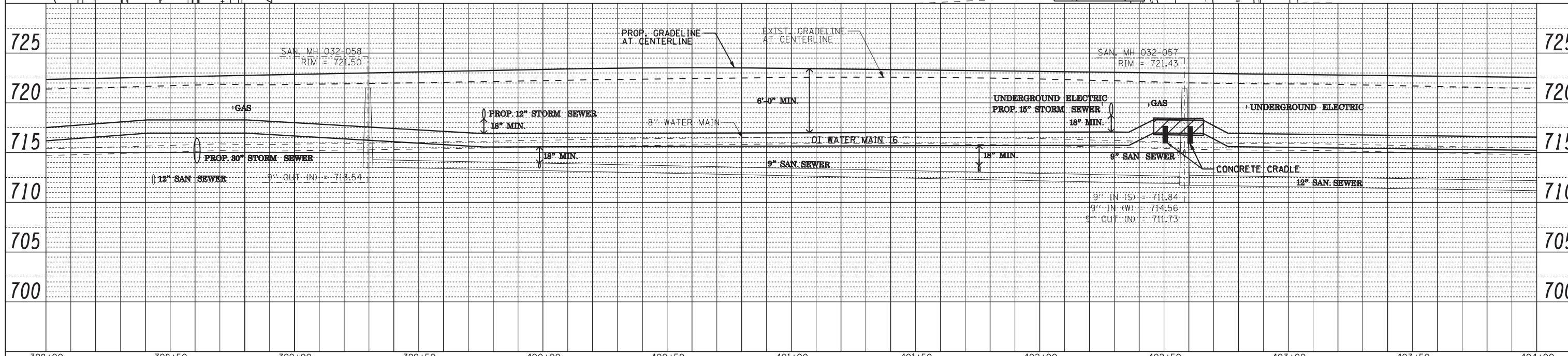
MH 032-058
SANITARY MANHOLES
TO BE ADJUSTED WITH NEW
TYPE 1 FRAME, CLOSED LID

MH 032-057
SANITARY MANHOLES
TO BE REMOVED, AND
SANITARY MANHOLE, 4' DIA.

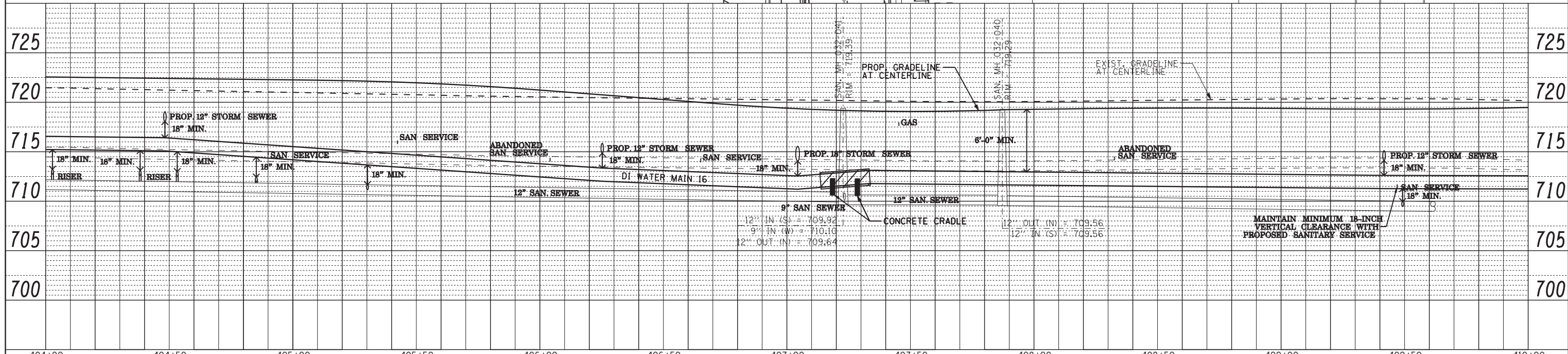
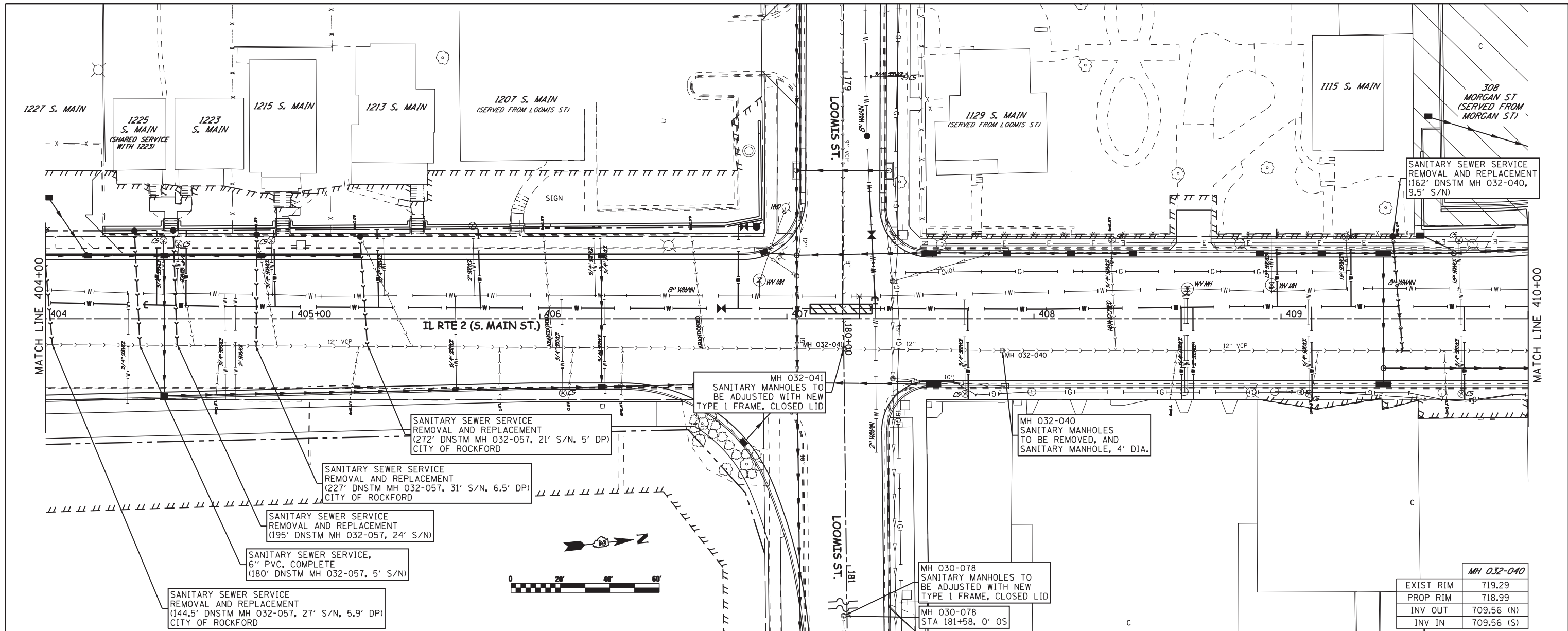
MH 030-070
SANITARY MANHOLES
TO BE ADJUSTED WITH NEW
TYPE 1 FRAME, CLOSED LID

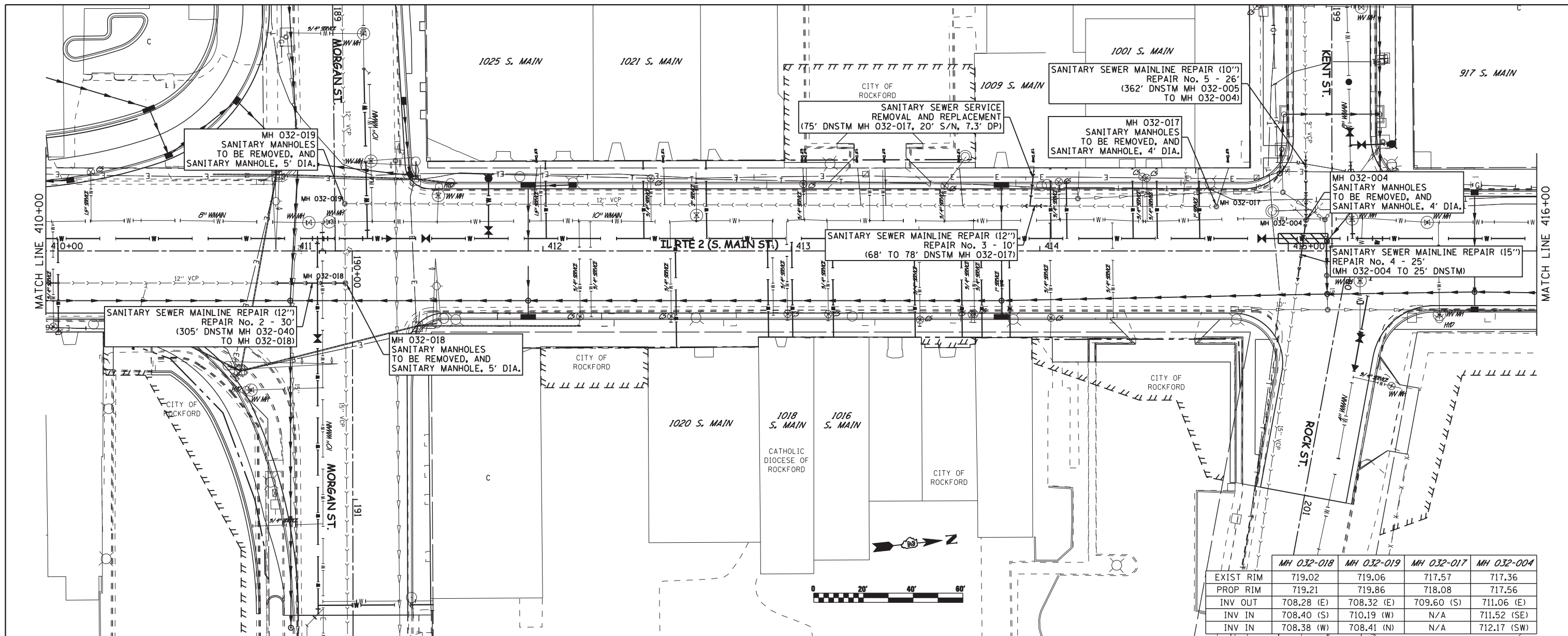
MH 030-070
STA 171+58, 2' RT

	MH 030-080	MH 032-057
EXIST RIM	721.12	721.43
PROP RIM	722.52	722.79
INV OUT	710.88 (E)	711.73 (N)
INV IN	711.05 (W)	711.84 (S)
INV IN	N/A	714.56 (W)

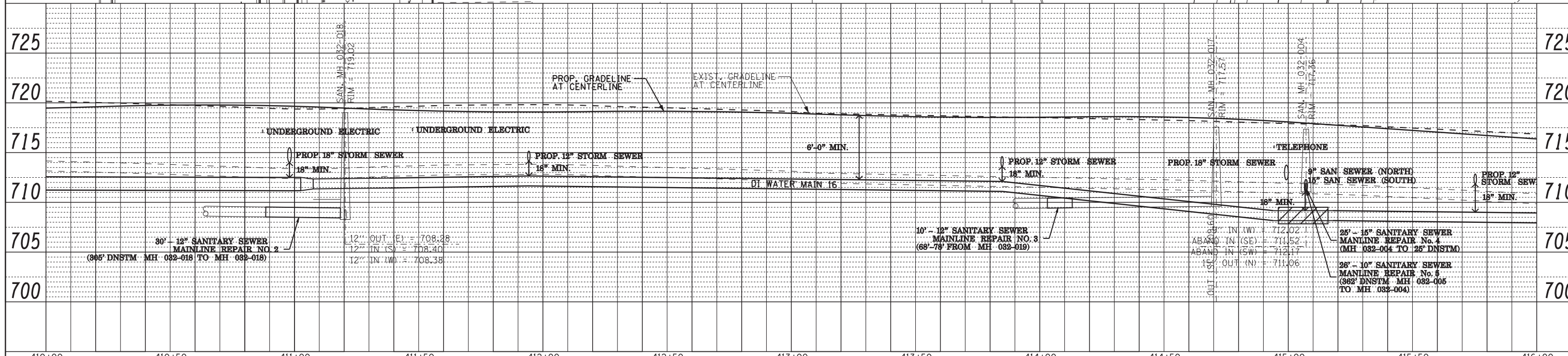


ROCK RIVER WATER RECLAMATION DISTRICT	USER NAME = BOB FREY	DESIGNED MKR	REVISED 07/10/2012 BPF	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SANITARY SEWER PLAN & PROFILE IL RTE 2	F.A.P. R.T.E. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 347
	PLOT SCALE = AS NOTED	CHECKED DLC	REVISED 10/02/2012 BPF			CONTRACT NO. 64821				
	PLOT DATE = 07/16/2012	DATE 04/20/2012	REVISED 11/27/2012 BPF			ILLINOIS FED. AID PROJECT				
	SCALE: AS NOTED					SHEET NO. 347 OF 705 SHEETS			STA. 398+00 TO STA. 404+00	



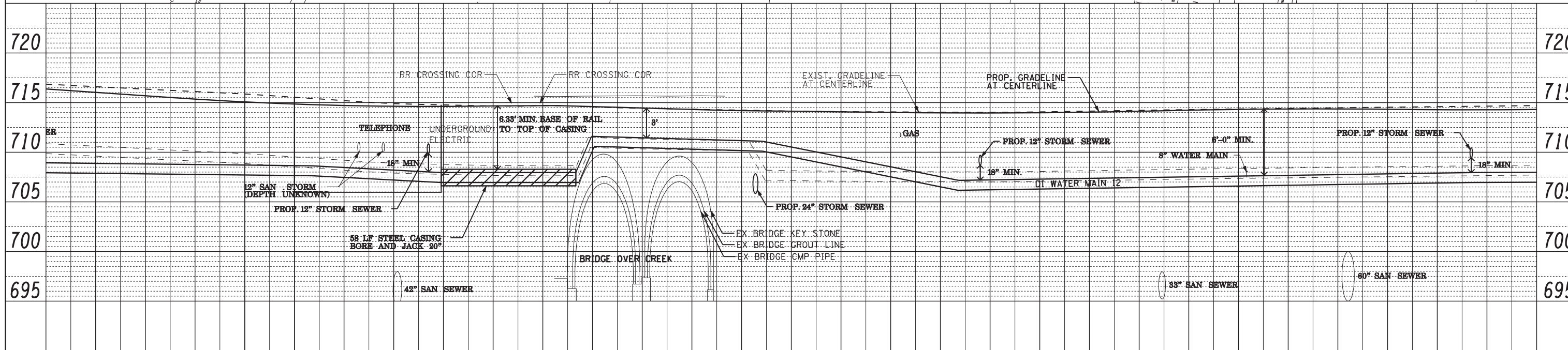
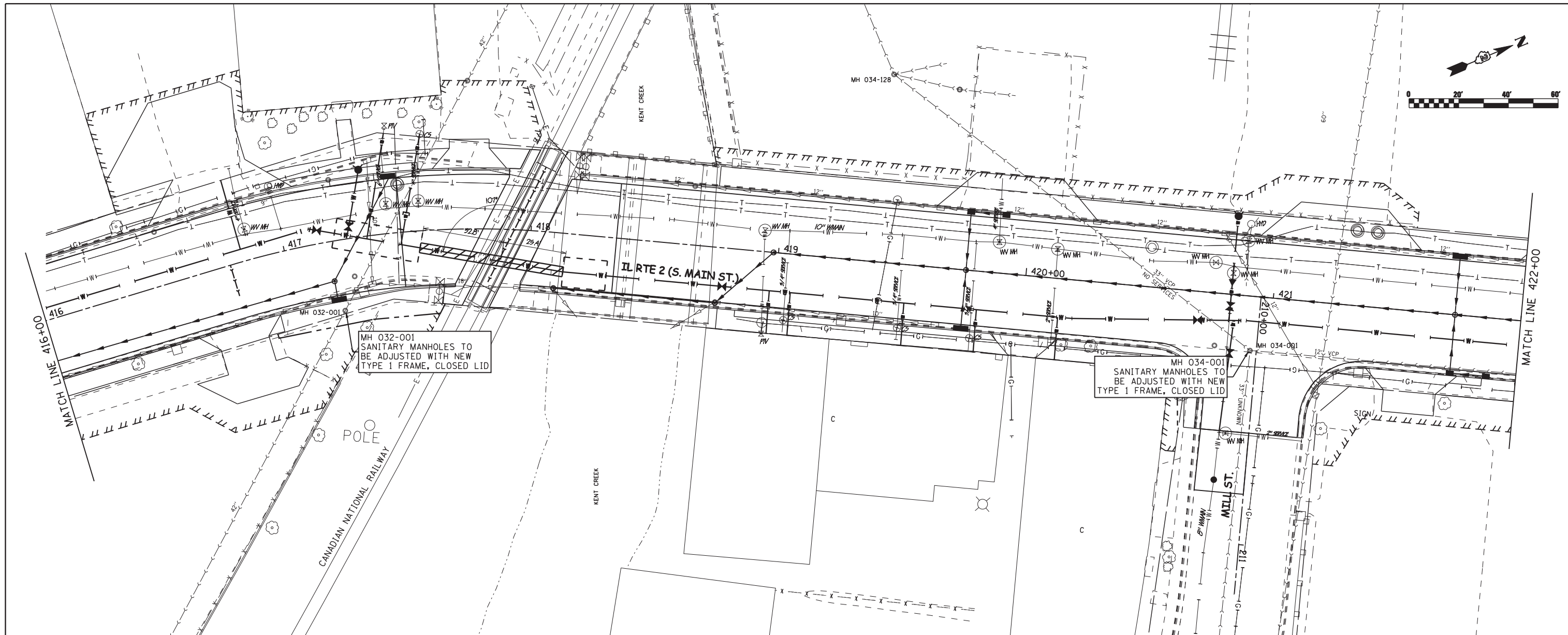


	MH 032-018	MH 032-019	MH 032-017	MH 032-004
EXIST RIM	719.02	719.06	717.57	717.36
PROP RIM	719.21	719.86	718.08	717.56
INV OUT	708.28 (E)	708.32 (E)	709.60 (S)	711.06 (E)
INV IN	708.40 (S)	710.19 (W)	N/A	711.52 (SE)
INV IN	708.38 (W)	708.41 (N)	N/A	712.17 (SW)

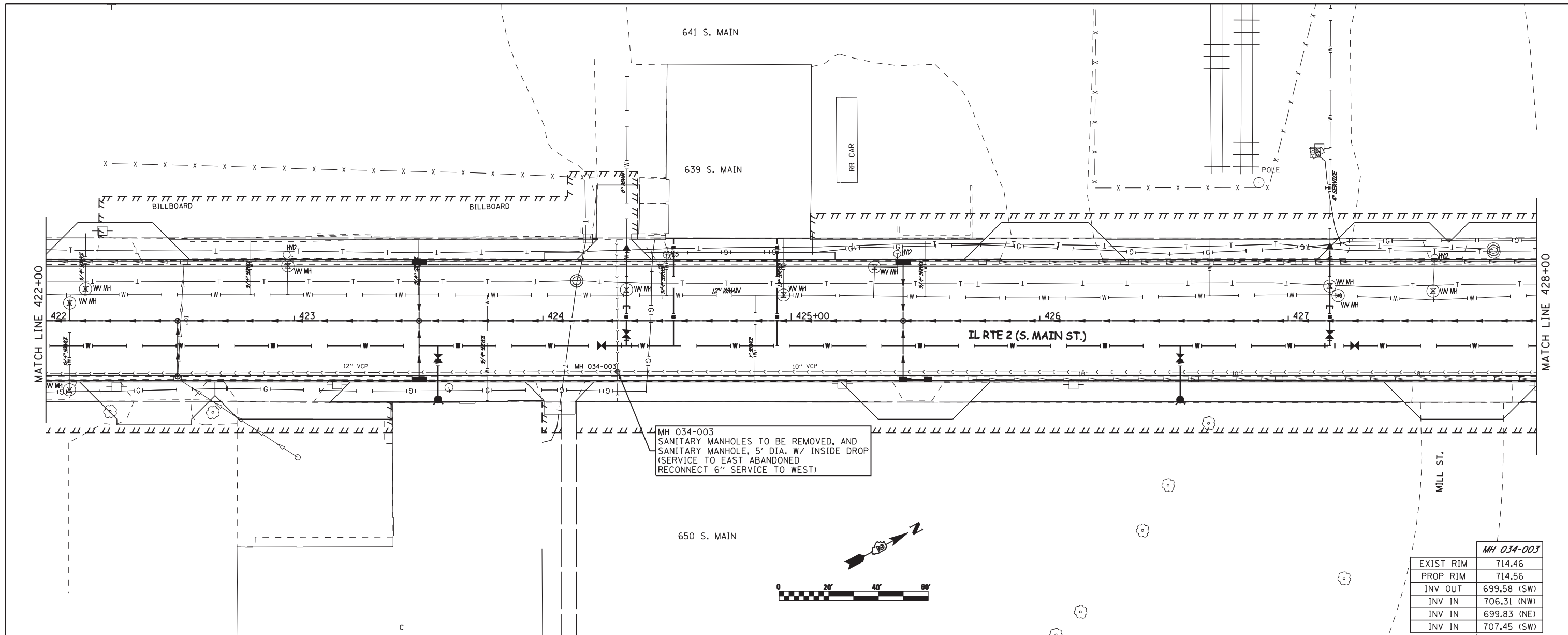


410+00	410+50	411+00	411+50	412+00	412+50	413+00	413+50	414+00	414+50	415+00	415+50	416+00					
ROCK RIVER WATER RECLAMATION DISTRICT USER NAME = BOB FREY PLOT SCALE = AS NOTED PLOT DATE = 07/16/2012			DESIGNED MKR DRAWN BPF CHECKED DLC DATE 04/20/2012			REVISED 07/10/2012 BPF REVISED 07/16/2012 BPF REVISED 10/02/2012 BPF REVISED 11/27/2012 BPF			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			PROPOSED SANITARY SEWER PLAN & PROFILE IL RTE 2			F.A.P. RT. 742 SECTION (32, 33) R-1 COUNTY WINNEBAGO TOTAL SHEETS 705 SHEET NO. 349 CONTRACT NO. 64821 ILLINOIS FED. AID PROJECT		

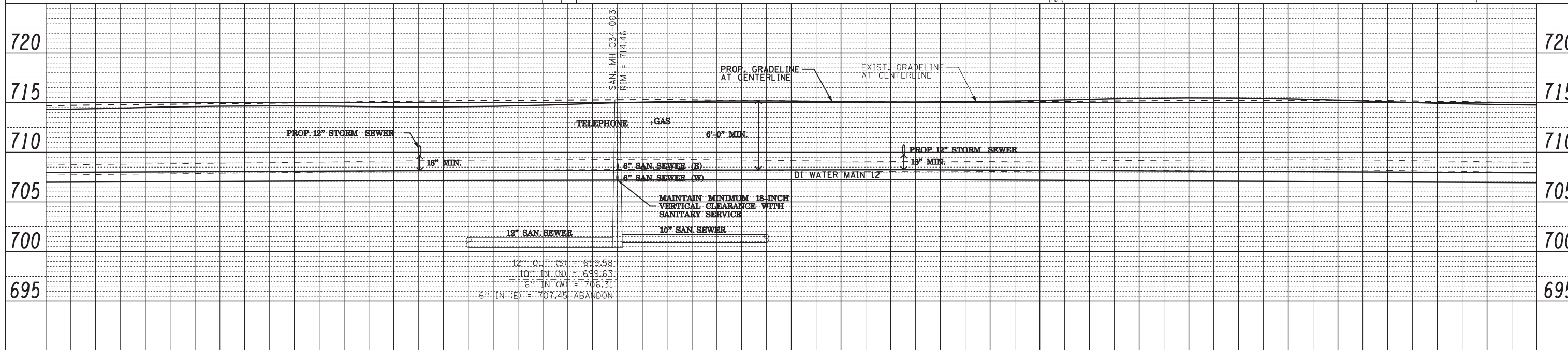
SCALE: AS NOTED SHEET NO. 349 OF 705 SHEETS STA. 410+00 TO STA. 416+00

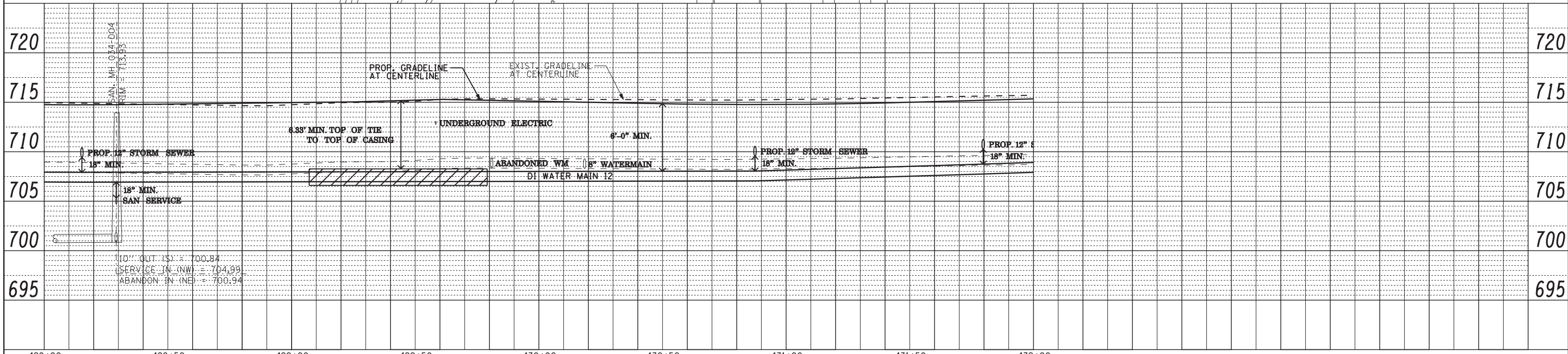
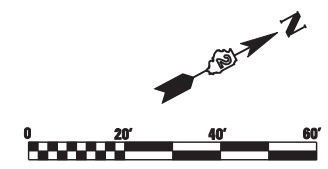
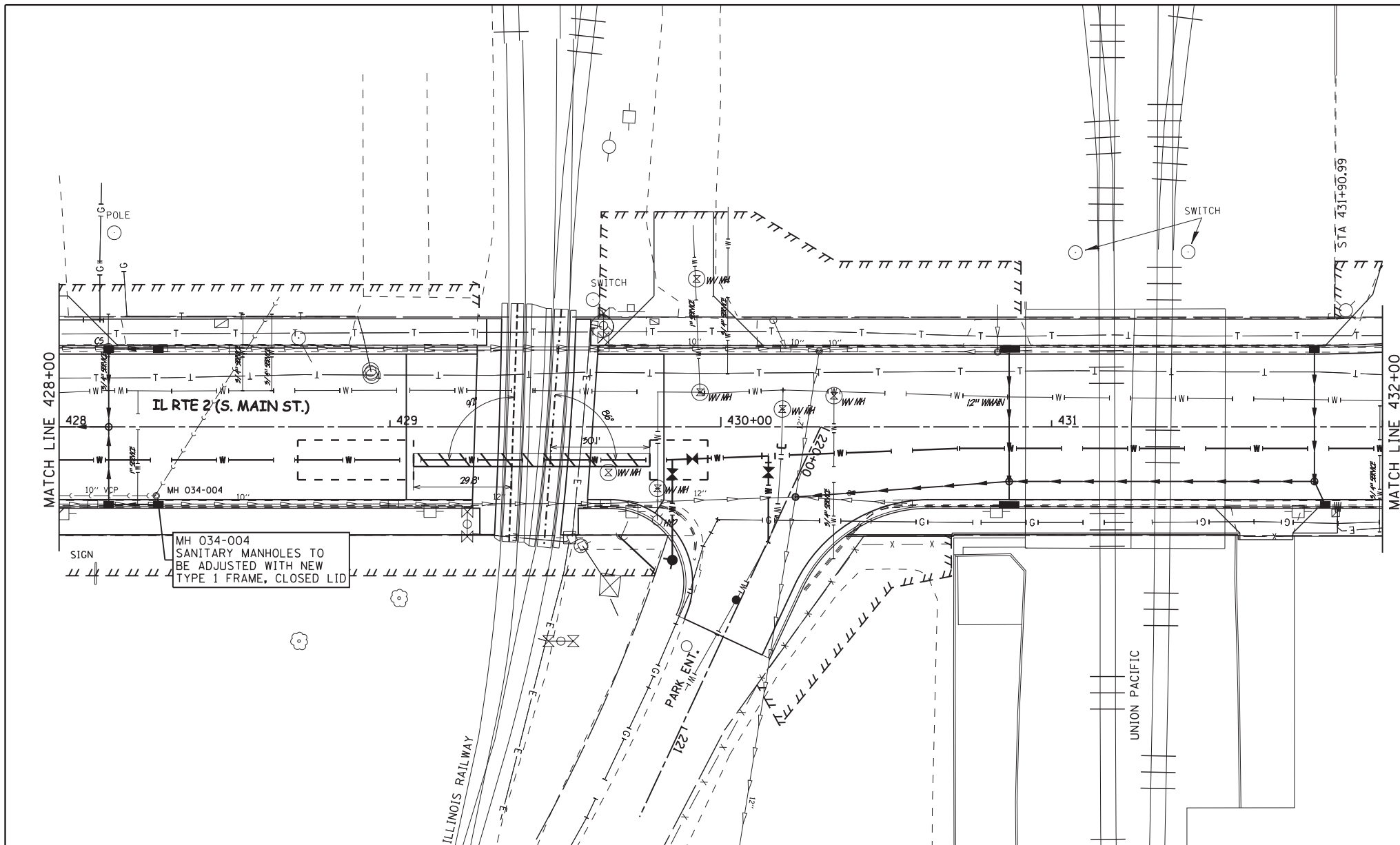


416+00	416+50	417+00	417+50	418+00	418+50	419+00	419+50	420+00	420+50	421+00	421+50				
ROCK RIVER WATER RECLAMATION DISTRICT USER NAME = BOB FREY DESIGNED MKR DRAWN BPF PLOT SCALE = AS NOTED PLOT DATE = 07/16/2012				DESIGNED MKR DRAWN BPF CHECKED DLC DATE 04/20/2012				REVISED 07/10/2012 BPF REVISED 07/16/2012 BPF REVISED 10/02/2012 BPF REVISED 11/27/2012 BPF				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED SANITARY SEWER PLAN & PROFILE IL RTE 2 SCALE: AS NOTED SHEET NO. 350 OF 705 SHEETS STA. 416+00 TO STA. 422+00		F.A.P. RTE. 742 SECTION (32, 33) R-1 COUNTY WINNEBAGO TOTAL SHEETS 705 SHEET NO. 350 CONTRACT NO. 64821 ILLINOIS FED. AID PROJECT	

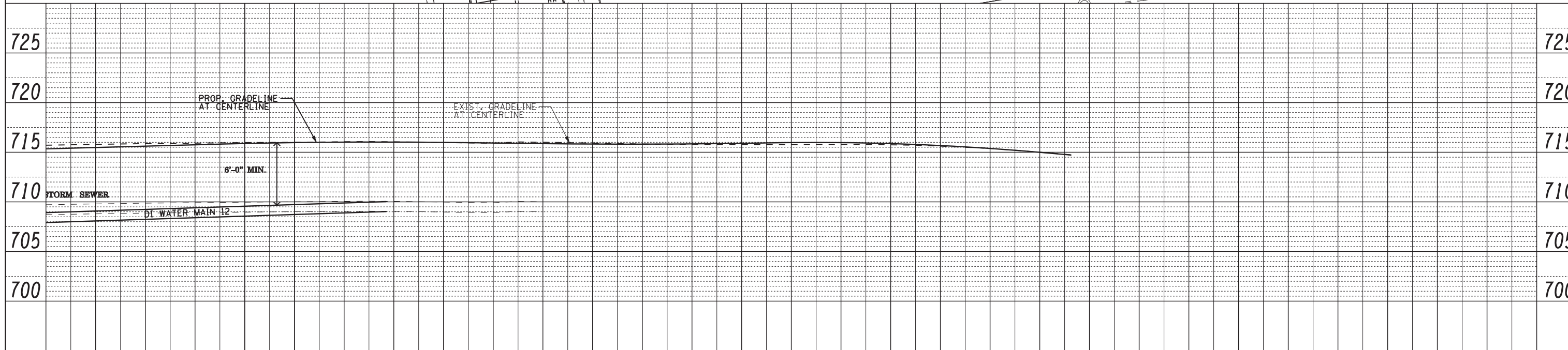
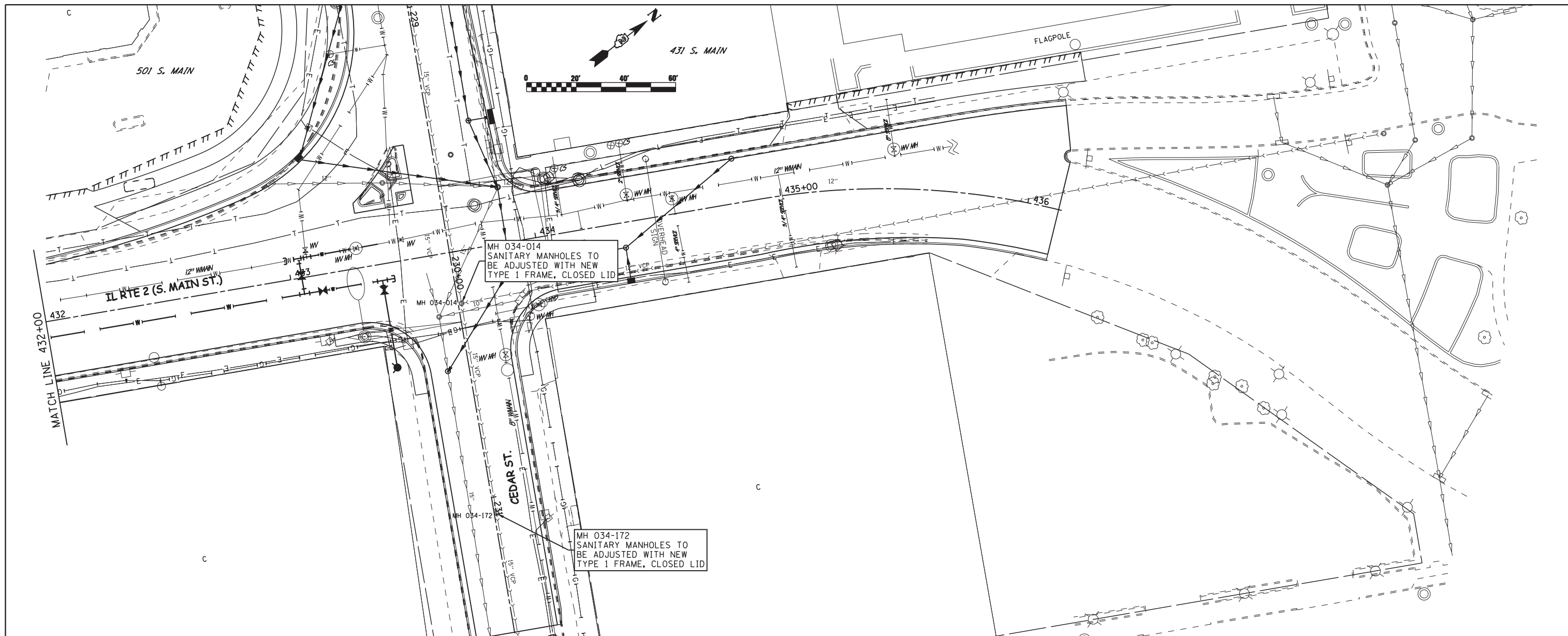


MH 034-003	
EXIST RIM	714.46
PROP RIM	714.56
INV OUT	699.58 (SW)
INV IN	706.31 (NW)
INV IN	699.83 (NE)
INV IN	707.45 (SW)

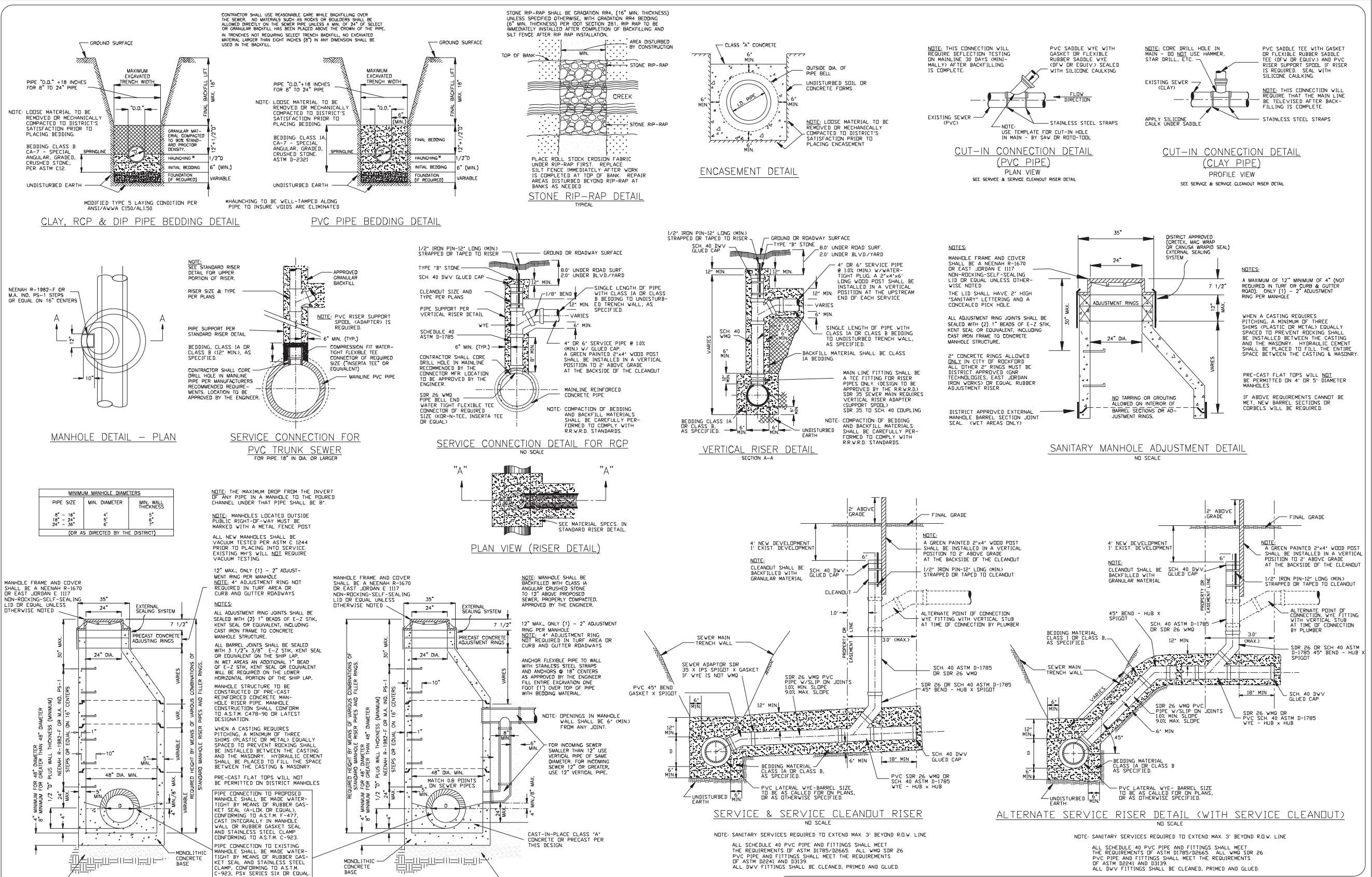




ROCK RIVER WATER RECLAMATION DISTRICT	USER NAME = BOB FREY	DESIGNED MKR	REVISED 07/10/2012 BPF	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SANITARY SEWER PLAN & PROFILE IL RTE 2	F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 352
	PLOT SCALE = AS NOTED	CHECKED DLC	REVISED 10/02/2012 BPF			CONTRACT NO. 64821	ILLINOIS FED. AID PROJECT			
PLOT DATE = 07/16/2012	DATE 04/20/2012	REVISED 11/27/2012 BPF	SCALE: AS NOTED	SHEET NO. 352 OF 705 SHEETS		STA. 428+00 TO STA. 432+00				



ROCK RIVER WATER RECLAMATION DISTRICT	USER NAME = BOB FREY	DESIGNED MKR	REVISED 07/10/2012 BPF	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SANITARY SEWER & PROFILE IL RTE 2	F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 353
	PLOT SCALE = AS NOTED	CHECKED DLC	REVISED 10/02/2012 BPF			CONTRACT NO. 64821	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 07/16/2012	DATE 04/20/2012	REVISED 11/27/2012 BPF		SCALE: AS NOTED	SHEET NO. 353 OF 705 SHEETS	STA. 432+00 TO STA. 436+00			



MINIMUM MANHOLE DIAMETERS		
PIPE SIZE	MIN. DIAMETER	MIN. WALL THICKNESS
8" - 16"	4"	5"
18" - 24"	5"	6"
24" - 36"	6"	7"

(OR AS DIRECTED BY THE DISTRICT)

ROCK RIVER WATER RECLAMATION DISTRICT
 3333 KISHWAUKEE ST., P.O. BOX 7480, ROCKFORD, ILLINOIS 61126-7480 - PH. (815) 387-7660/FAX (815) 387-7665

REVISED: 5/19/09 PAD **STANDARD DETAIL SHEET**

FILE: DETAIL_SHT_09.DWG
SHEET OF

ROCK RIVER WATER RECLAMATION DISTRICT	USER NAME = BOB FREY	DESIGNED MKR	REVISED 11/27/2012 BPF	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SANITARY SEWER DETAILS IL RTE 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = AS NOTED	CHECKED DLC	REVISED -			742	(32, 33) R-1	WINNEBAGO	705	354
	PLOT DATE = 07/16/2012	DATE 04/20/2012	REVISED -			SCALE: N/A	SHEET NO. 354 OF 705 SHEETS	CONTRACT NO. 64821	ILLINOIS FED. AID PROJECT	

WATER MAIN GENERAL NOTES

THESE NOTES SUPPLEMENT THE GENERAL NOTES INDICATED ON SHEET 3 AND 4 OF THIS PLAN SET AND ARE ONLY APPLICABLE TO THE WATER MAIN CONSTRUCTION.

ANY CONSTRUCTION OR WORK INDICATED IN THE PLANS OR SPECIFIED IN THE PROPOSAL SHALL BE COMPLETED BY THE CONTRACTOR. ANY CONSTRUCTION OR WORK NOT INCLUDED IN A PAY ITEM SHALL BE INCIDENTAL TO THE PROJECT COST.

ALL EXCAVATION AREAS SHALL BE KEPT DEWATERED DURING CONSTRUCTION OPERATIONS UNTIL BACKFILL IS IN PLACE.

TRENCH BACKFILL SHALL BE USED IN LOCATIONS WHERE THERE IS AN EXISTING OR PROPOSED PERMANENT SURFACE. TRENCH BACKFILL WILL BE MEASURED AND PAID FOR ACCORDING TO THE DETAIL INCLUDED IN THESE WATER MAIN PLANS FOR WATER MAIN INSTALLATION ONLY. THE COST FOR TRENCH BACKFILL FOR ALL OTHER WATER MAIN WORK ITEMS SHALL BE INCLUDED IN THE COST OF SAID ITEMS.

ALL UTILITY LOCATIONS AND DEPTHS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES FOR FIELD LOCATES PRIOR TO STARTING ANY CONSTRUCTION ACTIVITIES. NOT ALL UTILITIES/SERVICES ARE SHOWN (I.E. GAS SERVICES).

EXISTING WATER MAIN SHUT DOWN TIME SHALL BE KEPT TO A MINIMUM. WORK SHALL BE COORDINATED WITH CITY OF ROCKFORD WATER AND PUBLIC WORKS PERSONNEL. NO USER SHALL BE WITHOUT WATER FOR MORE THAN 24 HOURS, UNLESS SPECIAL APPROVAL IS OBTAINED.

DIMENSIONS SHOWING WATER MAIN LOCATIONS ARE APPROXIMATE. THE HORIZONTAL ALIGNMENT MAY BE ADJUSTED WITH THE ENGINEER'S APPROVAL WHERE EXISTING BURIED UTILITIES MAY CONFLICT.

ALL FITTINGS (BENDS, TEES, CROSSES, AND PLUGS) REQUIRED TO COMPLETE THE INSTALLATION OF DUCTILE IRON WATER MAINS, AS SHOWN ON THE PLANS, SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR DUCTILE IRON WATER MAIN OF VARIOUS SIZES.

WATER VALVE BOX AND DOMESTIC WATER SERVICE BOX ADJUSTMENTS SHALL BE DETERMINED ON SITE.

ALL WATER MAIN SHALL BE PRESSURE TESTED FOR ACCEPTANCE IN ACCORDANCE WITH SECTION 41-2.14 OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS". THE COST FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR DUCTILE IRON WATER MAIN OF VARIOUS SIZES.

ALL WATER MAIN SHALL BE DISINFECTED IN ACCORDANCE WITH SECTION 41-2.15 OF THE STANDARD "SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS". THE COST FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR DUCTILE IRON WATER MAIN OF VARIOUS SIZES.

THE CONTRACTOR SHALL PROVIDE 'WHIPS' AS NECESSARY TO SUPPLEMENT HYDRANT LOCATIONS FOR FLUSHING AND AIR RELEASE ON THE NEWLY CONSTRUCTED WATER MAINS. WHIPS SHALL BE CONSTRUCTED USING 1-INCH MIN. TO 2-INCH MAX. DIAMETER CORPORATION STOPS AND COPPER TUBING. WHEN ALL TESTING AND FLUSHING OPERATIONS HAVE BEEN COMPLETED, THE CORPORATION STOPS SHALL BE CLOSED AND THE COPPER TUBING SHALL BE CUT AND CAPPED. THE COST TO FURNISH, INSTALL AND REMOVE THE WHIPS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR DUCTILE IRON WATER MAIN OF VARIOUS SIZES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

FOR THE WATER MAIN CONSTRUCTION ACROSS THE KENT CREEK BRIDGE (SN 101 6110), THE CONTRACTOR SHALL CEASE EXCAVATION AND CONTACT THE ENGINEER IF THE STONE MASONRY ARCH IS EXPOSED OR IF TRANSVERSE TIE RODS ARE ENCOUNTERED BY THE EXCAVATION.

FOR THE PAY ITEMS LISTED BELOW, IT IS ANTICIPATED THAT THERE WILL BE A NEED FOR ADDITIONAL QUANTITIES BASED ON CONDITIONS ENCOUNTERED IN THE FIELD DURING CONSTRUCTION. THESE ADDITIONAL QUANTITIES HAVE BEEN INCLUDED IN BOTH THE SUMMARY AND SCHEDULE OF QUANTITIES. ON THE SCHEDULE OF QUANTITIES, THE LOCATIONS FOR THE ADDITIONAL QUANTITIES ARE INDICATED WITH AN "X" SINCE THE FINAL LOCATIONS ARE NOT KNOWN. THESE ADDITIONAL QUANTITIES SHOULD ONLY BE USED AT THE DIRECTION OF THE ENGINEER.

- ROCK EXCAVATION
- DOMESTIC WATER SERVICE BOX TO BE REMOVED
- WATER MAIN LINE STOP 6" THROUGH 16"
- WATER MAIN PROTECTION
- TEMPORARY PAVEMENT VARIABLE DEPTH
- SELECT FOUNDATION MATERIAL
- DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED
- FIRE HYDRANTS TO BE ADJUSTED
- VALVE VAULTS TO BE REMOVED
- VALVE BOX

REQUIREMENTS FOR SCHEDULED WATER MAIN VALVE SHUT OFF

- A) THE CONTRACTOR SHALL OBTAIN THE PERMISSION OF THE WATER SUPERINTENDENT, OR HIS DESIGNEE, PRIOR TO ANY WATER MAIN VALVE SHUT OFF.
- B) THE CONTRACTOR SHALL NOTIFY ALL WATER CUSTOMERS AFFECTED BY THE WATER MAIN VALVE SHUT OFF AT LEAST 24 HOURS IN ADVANCE, USING FORMS SUPPLIED BY THE WATER DIVISION. CONTRACTOR IS RESPONSIBLE TO HANG TAGS ON EACH BUILDING AFFECTED.
- C) THE CONTRACTOR SHALL NOTIFY THE WATER DIVISION OPERATIONS CENTER OPERATOR (987-5712) PRIOR TO ANY WATER MAIN VALVE SHUT OFF AND PROVIDE THE FOLLOWING INFORMATION (PURSUANT TO ILLINOIS MUNICIPAL CODE 65 ILCS 5/11-20-10.5):

STREETS AND BOUNDARIES OF SHUT DOWN
TIME OF SHUT DOWN
APPROXIMATE DURATION OF SHUT DOWN
NUMBER OF CUSTOMERS AFFECTED
IF NON-RESIDENTIAL CUSTOMERS (HOSPITALS, NURSING HOMES, RESTAURANTS, ETC.) ARE AFFECTED, A COUNT OF HOW MANY INDIVIDUALS AFFECTED WILL BE PROVIDED.
- D) NO SHUT DOWNS ARE ALLOWED ON FRIDAYS. WORK MUST BE COMPLETED TO ENSURE COMPLETION OF BACTERIOLOGICAL TESTING.
- E) THE CONTRACTOR SHALL NOTIFY WATER DIVISION OPERATIONS CENTER OPERATOR UPON COMPLETION OF REPAIRS AND RESTORATION OF WATER SERVICE.

G) THE CONTRACTOR SHALL MEET WITH WATER DIVISION PERSONNEL AT LEAST TWO (2) DAYS PRIOR TO START OF CONSTRUCTION TO COORDINATE EXERCISING VALVES AND DETERMINING VALVE SHUT OFF PATTERNS DURING CONSTRUCTION. THE SHUT DOWN SHALL BE ALLOWED TO PROCEED ONLY AFTER THE WATER DIVISION REPRESENTATIVE HAS DETERMINED THAT THE REQUIRED VALVES ARE FUNCTIONING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TURNING VALVES ON AND OFF DURING CONSTRUCTION AND ACCEPTS THE RESPONSIBILITY FOR ANY DAMAGES TO VALVES DURING CONSTRUCTION.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR DUCTILE IRON WATER MAIN OF VARIOUS SIZES.

REQUIREMENTS FOR UNSCHEDULED (EMERGENCY) WATER MAIN VALVE SHUT OFF

- A) IN THE EVENT THE CONTRACTOR MUST PERFORM AN UNSCHEDULED WATER MAIN VALVE SHUT OFF; THE CONTRACTOR SHALL NOTIFY THE WATER DIVISION OPERATIONS CENTER OPERATOR (987-5712) AS SOON AS POSSIBLE.
- B) THE CONTRACTOR SHALL NOTIFY ALL WATER CUSTOMERS AFFECTED BY THE WATER MAIN VALVE SHUT OFF AND THE NEED TO BOIL WATER AS SOON AS POSSIBLE, USING FORMS SUPPLIED BY THE WATER DIVISION.
- C) THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION (PURSUANT TO ILLINOIS MUNICIPAL CODE 65 ILCS 5/11-20-10.5):

STREETS AND BOUNDARIES OF SHUT DOWN
TIME OF SHUT DOWN
APPROXIMATE DURATION OF SHUT DOWN
NUMBER OF CUSTOMERS AFFECTED
IF NON-RESIDENTIAL CUSTOMERS (HOSPITALS, NURSING HOMES, RESTAURANTS, ETC.) ARE AFFECTED, A COUNT OF HOW MANY INDIVIDUALS AFFECTED WILL BE PROVIDED.
- D) IF THE CONTRACTOR IS INVOLVED IN REPAIRS, THE CONTRACTOR SHALL NOTIFY WATER DIVISION OPERATIONS CENTER OPERATOR UPON COMPLETION OF REPAIRS WHEN WATER SERVICE HAS BEEN RESTORED.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR DUCTILE IRON WATER MAIN OF VARIOUS SIZES.

EXCAVATION AND BACKFILL

THE WATER MAIN SHALL BE CONSTRUCTED IN CONFORMANCE WITH DIVISION 11 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION, LATEST EDITION.

REVISE THE TERMS SELECTED GRANULAR MATERIAL IN SAID SPECIFICATION TO TRENCH BACKFILL. BEDDING, HAUNCHING, AND INITIAL BACKFILL WILL BE INCLUDED IN THIS ITEM AND SHALL BE CONSTRUCTED OF FA-6 FINE AGGREGATE.

NATIVE MATERIALS LOCATED IN NON-STRUCTURAL AREAS SHALL BE COMPACTED TO 90% STANDARD PROCTOR OPTIMUM DENSITY.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR DUCTILE IRON WATER MAIN OF VARIOUS SIZES.

WATER MAIN REMOVAL

THIS WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION, LATEST EDITION, AND THE REQUIREMENTS OF THE ENGINEER. THE EXISTING WATER MAIN LINE SHALL BE EXCAVATED, REMOVED, AND DISPOSED OF OFF-SITE WHERE IT IS IN CONFLICT WITH THE WATER MAIN AND WATER SERVICE CONSTRUCTION. THE PIPE REMAINING IN THE GROUND SHALL BE PLUGGED WITH NEAT CEMENT.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR DUCTILE IRON WATER MAIN OF VARIOUS SIZES.

BACTERIOLOGICAL SAMPLING

BACTERIOLOGICAL SAMPLING SHALL BE DONE IN ACCORDANCE WITH AWWA C651-99 REGULATIONS AND EPA REGULATION SECTION 652.203. BACTERIOLOGICAL SAMPLING WILL BE REQUIRED FOR ALL NEW WATER MAINS AND EXISTING WATER MAINS SHUT DOWN AND RE-PRESSURIZED DURING CONSTRUCTION. SAMPLES WILL BE SUBMITTED IN ROCKFORD WATER DIVISION LABORATORY APPROVED CONTAINERS. ALL BACTERIOLOGICAL ANALYSIS WILL BE PERFORMED BY THE CITY OF ROCKFORD ENVIRONMENTAL LABORATORY, 1111 CEDAR STREET, ROCKFORD, ILLINOIS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR DUCTILE IRON WATER MAIN OF VARIOUS SIZES.

RECORD DRAWINGS

THE CONTRACTOR SHALL KEEP ON-SITE A SET OF THE PLANS TO BE MAINTAINED AS THE OFFICIAL PROJECT RECORD DRAWINGS. THE CONTRACTOR SHALL MARK UP THE SET OF PLANS WITH ANY REVISIONS IN THE DRAWINGS ON A DAILY BASIS.

THE CONTRACTOR SHALL RECORD MEASUREMENTS TO ALL REDUCERS, BENDS, TEES, AND OTHER BURIED FITTINGS AND APPURTENANCES ASSOCIATED WITH THE WATER CONSTRUCTION. THE CONTRACTOR SHALL ALSO NOTE FIELD MEASUREMENTS TO SURFACE APPURTENANCES SUCH AS MANHOLES, CLEANOUTS, TAPPING VALVES, GATE VALVES, CURB STOPS, AND FIRE HYDRANTS.

THE DIMENSIONS SHALL BE INDICATED FROM PHYSICAL FEATURES INDICATED ON THE DRAWINGS AND FROM THE RIGHT-OF-WAY LINES AND PROPERTY LINES INDICATED ON THE DRAWINGS.

THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND INDICATE THE MEASUREMENTS ON THE RECORD DRAWINGS WHERE THE MAINS VARY FROM PLAN DEPTH/GRADE. THE CONTRACTOR SHALL DELIVER THE RECORD DRAWINGS TO THE ENGINEER, ALONG WITH THE FINAL REQUEST FOR PAYMENT ON THE PROJECT.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR DUCTILE IRON WATER MAIN OF VARIOUS SIZES.

WATER MAIN CONSTRUCTION NOTES

THE WATER MAIN CONSTRUCTION SHALL BE STAGED TO CONFORM WITH THE ROADWAY MAINTENANCE OF TRAFFIC PLANS INDICATED IN THE CONSTRUCTION DOCUMENTS. WHERE WATER MAIN ITEMS CROSS THE STAGE LINE OR OTHERWISE CONFLICT WITH THIS STAGING, TEMPORARY WATER MAIN PAY ITEMS HAVE BEEN INDICATED ON THE PLANS AND HAVE BEEN SPECIFIED. THE WORK FOR THESE PAY ITEMS IS SUGGESTED FOR "PRE-STAGE" CONSTRUCTION. ANY TEMPORARY PAVEMENT REQUIRED FOR THIS WORK SHALL BE 4.75-INCHES IN THICKNESS AND SHALL BE MEASURED AND PAID FOR AS TEMPORARY PAVEMENT VARIABLE DEPTH.

ALL TEMPORARY WATER SERVICES SHOULD BE RECONNECTED TO THE NEW WATER MAIN PRIOR TO THE EXISTING MAIN BEING ABANDONED.

AT ISOLATED LOCATIONS, THE BURY DEPTH OF THE DUCTILE IRON WATER MAINS MAY BE REDUCED, WITH THE APPROVAL OF THE ENGINEER, TO 4-FEET IN ORDER TO MAINTAIN A MINIMUM VERTICAL SEPARATION OF 18-INCHES BETWEEN THE WATER MAIN AND ANY STORM SEWER, SANITARY SEWER, OR SANITARY SERVICE.

CONCRETE CRADLES SHALL BE CONSTRUCTED PER DETAIL AT ALL LOCATIONS WHERE THE DUCTILE IRON WATER MAIN CROSSES OVER A SANITARY SEWER WITH LESS THAN 18-INCHES OF VERTICAL CLEARANCE.

WATER MAIN EQUIVALENT STORM SEWER OR WATER MAIN PROTECTION SHALL BE PROVIDED AT ALL LOCATIONS WHERE THE DUCTILE IRON WATER MAIN CROSSES UNDER A STORM SEWER AND AT LOCATIONS WHERE THE WATER MAIN CROSSES OVER A STORM SEWER WITH LESS THAN 18-INCHES OF VERTICAL CLEARANCE.

THE MARCHESANO DRIVE / 15TH AVENUE WATER MAIN (STA 370+21) SHALL BE MAINTAINED IN THE 'LIVE' CONDITION ACROSS SOUTH MAIN STREET DURING STAGE 1 CONSTRUCTION. THE 16X12 REDUCER IS INDICATED TO TEMPORARILY CONNECT THE PROPOSED 16-INCH WATER MAIN FOR 15TH AVENUE TO THE EXISTING 12-INCH WATER MAIN FOR MARCHESANO DRIVE. DURING STAGE 2 CONSTRUCTION, THE REDUCER SHALL BE REMOVED AND THE 16-INCH WATER MAIN FOR 15TH AVENUE SHALL BE EXTENDED AND CONNECTED TO THE PROPOSED 16-INCH WATER MAIN FOR SOUTH MAIN STREET AS INDICATED.

THE GRAHAM STREET WATER MAIN (STA 389+38 O/S RT) SHALL MAINTAIN A 'LIVE' CONNECTION TO THE EXISTING 6-INCH SOUTH MAIN STREET WATER MAIN DURING STAGE 1 CONSTRUCTION. THE 6X6 PRESSURE CONNECTION AND 8X6 REDUCER ARE INDICATED TO TEMPORARILY CONNECT THE PROPOSED 8-INCH WATER MAIN FOR GRAHAM STREET TO THE EXISTING 6-INCH WATER MAIN IN SOUTH MAIN STREET. DURING STAGE 2 CONSTRUCTION, THE GRAHAM STREET WATER MAIN SHALL BE DISCONNECTED FROM THE EXISTING 6-INCH MAIN AND CONNECTED TO THE PROPOSED 16-INCH WATER MAIN WITH THE 16X8 TEE INDICATED.

THE MONTAGUE STREET WATER MAIN (STA 402+72 O/S RT) SHALL MAINTAIN A 'LIVE' CONNECTION TO THE EXISTING 8-INCH SOUTH MAIN STREET WATER MAIN DURING STAGE 1 CONSTRUCTION. THE 8X8 PRESSURE CONNECTION IS INDICATED TO TEMPORARILY CONNECT THE PROPOSED 8-INCH WATER MAIN FOR MONTAGUE STREET TO THE EXISTING 8-INCH WATER MAIN IN SOUTH MAIN STREET. DURING STAGE 2 CONSTRUCTION, THE MONTAGUE STREET WATER MAIN SHALL BE DISCONNECTED FROM THE EXISTING 8-INCH MAIN AND CONNECTED TO THE PROPOSED 16-INCH WATER MAIN WITH THE 16X8 TEE INDICATED.

THE MORGAN STREET WATER MAIN (STA 411+10 O/S RT) SHALL MAINTAIN A 'LIVE' CONNECTION TO THE EXISTING 10-INCH SOUTH MAIN STREET WATER MAIN DURING STAGE 1 CONSTRUCTION. THE 16X10 TEE IS INDICATED TO TEMPORARILY CONNECT THE PROPOSED 8-INCH WATER MAIN FOR MORGAN STREET TO THE EXISTING 10-INCH WATER MAIN IN MORGAN STREET/SOUTH MAIN STREET. DURING STAGE 2 CONSTRUCTION, THE 16X10 TEE SHALL BE CAPPED, AND THE 16-INCH WATER MAIN SHALL BE EXTENDED TO THE WEST DOWN MORGAN STREET AND CONNECTED AS INDICATED.

THE 8-INCH MILL STREET WATER MAIN (STA 420+83 O/S RT) SHALL MAINTAIN A 'LIVE' CONNECTION TO THE EXISTING 10-INCH SOUTH MAIN STREET WATER MAIN DURING STAGE 1 CONSTRUCTION. THE PROPOSED 8-INCH WATER MAIN SHALL BE TEMPORARILY CONNECTED TO THE EXISTING 10-INCH WATER MAIN USING THE 6-INCH PIPE FOR THE PROPOSED FIRE HYDRANT COMPLETE AND THE 8X6 REDUCER AS INDICATED. DURING STAGE 2 CONSTRUCTION, THE 8X6 REDUCER SHALL BE REMOVED AND THE FIRE HYDRANT SHALL BE COMPLETED AS INDICATED.

THE EXISTING 12-INCH SOUTH MAIN STREET WATER MAIN BE MAINTAINED IN THE 'LIVE' CONDITION ALONG SOUTH MAIN STREET DURING STAGE 1 CONSTRUCTION BOTH NORTH AND SOUTH OF THE TEMPORARY WATER MAIN CONNECTION AT STA 433+05 O/S LT. THE PROPOSED 12-INCH WATER MAIN SHALL BE TEMPORARILY CONNECTED TO THE EXISTING 12-INCH WATER MAIN BY CUTTING IN THE 12X12 TEE AS INDICATED. DURING STAGE 2 CONSTRUCTION, THE EXISTING MAIN SHALL BE CUT AND PLUGGED SOUTH OF THE 12X12 TEE. THE SOUTH SIDE OF THE TEE SHALL BE CAPPED, AND CONNECTIONS SHALL BE MADE TO THE EXISTING 8-INCH AND 12-INCH WATER MAINS AS INDICATED.

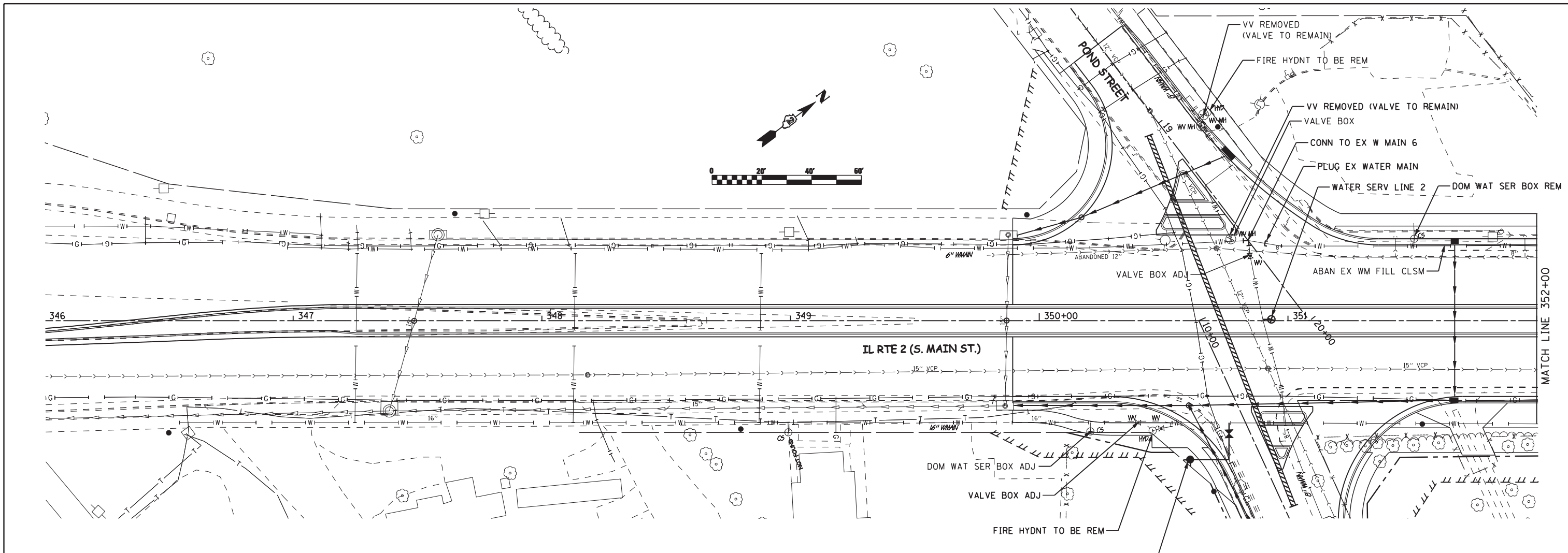


USER NAME = ROBERT FREY	DESIGNED <i>BDA</i>	REVISED <i>07/16/2012 BPF</i>
	DRAWN <i>BPF</i>	REVISED <i>10/30/12 MJS</i>
PLOT SCALE = N/A	CHECKED <i>MLP</i>	REVISED <i>11/27/2012 BPF</i>
PLOT DATE = 07/16/2012	DATE <i>02/17/12</i>	REVISED -

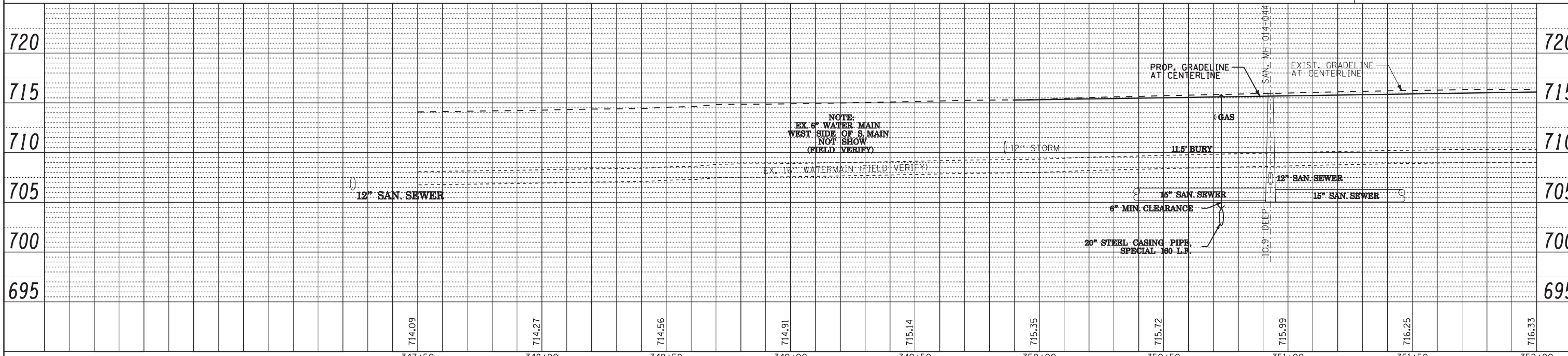
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED WATER MAIN GENERAL NOTES	
IL RTE 2	
SCALE: N/A	SHEET NO. 355 OF 705 SHEETS

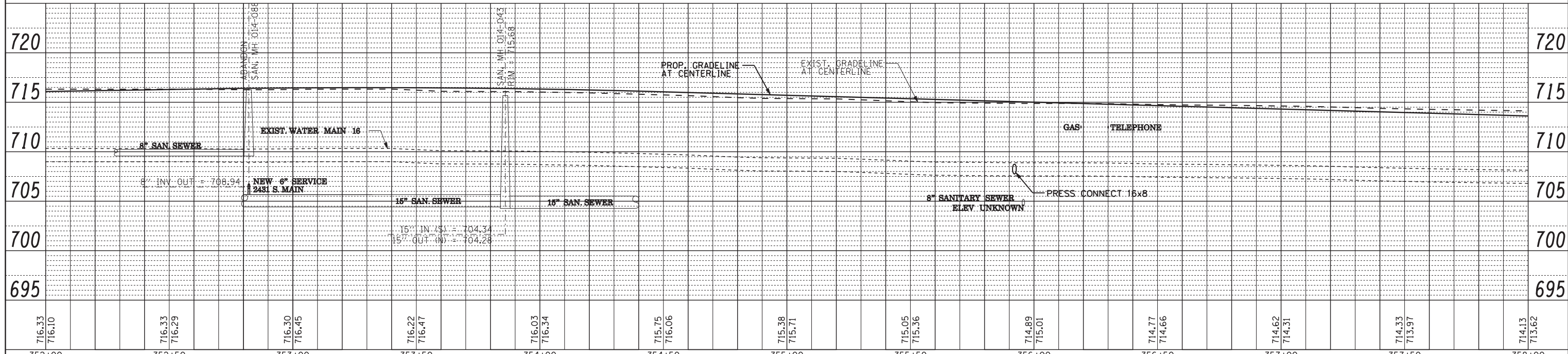
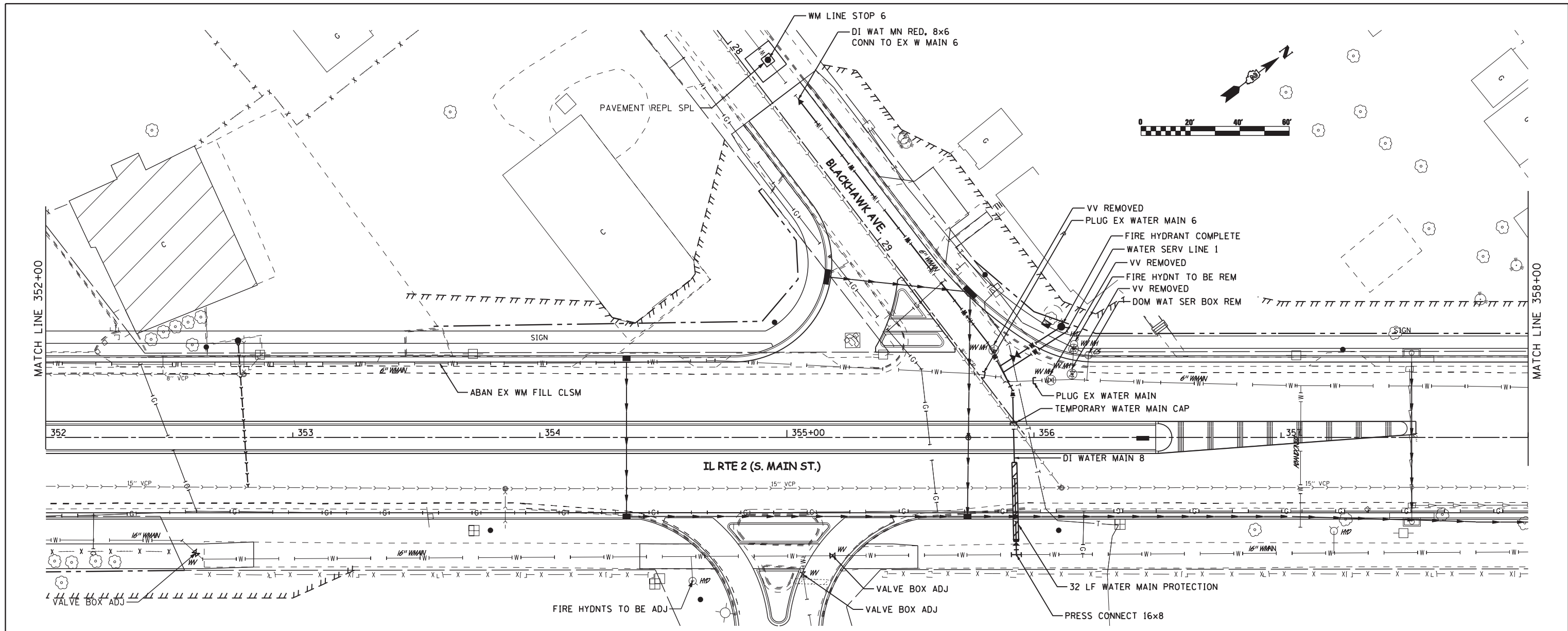
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32, 33) R-1	WINNEBAGO	705	355
				CONTRACT NO. 64821
ILLINOIS FED. AID PROJECT				



KEY	
WV MH	WATER VALVE MANHOLE
WV	WATER VALVE AND VALVE BOX
CS	CURB STOP AND BOX
HYD	HYDRANT
PIV	POST INDICATOR VALVE



	USER NAME = ROBERT FREY	DESIGNED <i>BDA</i>	REVISED <i>07/16/2012 BPF</i>	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED WATER MAIN PLAN & PROFILE IL RTE 2	F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 356	
	PLOT SCALE = AS NOTED	CHECKED <i>MLP</i>	REVISED <i>11/27/2012 BPF</i>			SCALE: AS NOTED	SHEET NO. 356 OF 705 SHEETS	STA. 346+00 TO STA. 352+00	CONTRACT NO. 64821		
	PLOT DATE = 07/16/2012	DATE <i>02/17/12</i>	REVISED -			ILLINOIS FED. AID PROJECT					



716.33 716.10	716.33 716.29	716.50 716.45	716.22 716.47	716.03 716.34	715.75 716.06	715.38 715.71	715.05 715.36	714.89 715.01	714.77 714.66	714.62 714.31	714.33 713.97	714.13 713.62
352+00	352+50	353+00	353+50	354+00	354+50	355+00	355+50	356+00	356+50	357+00	357+50	358+00

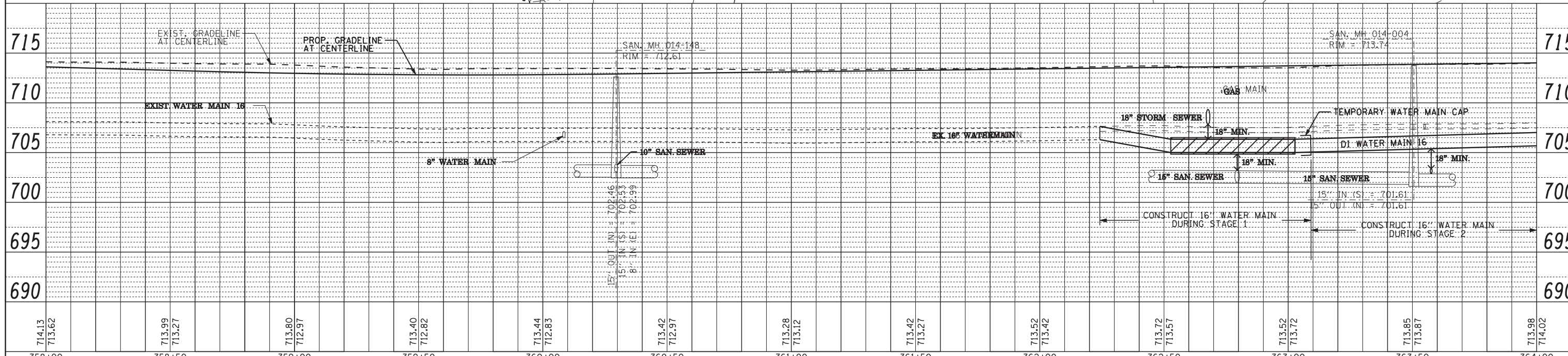
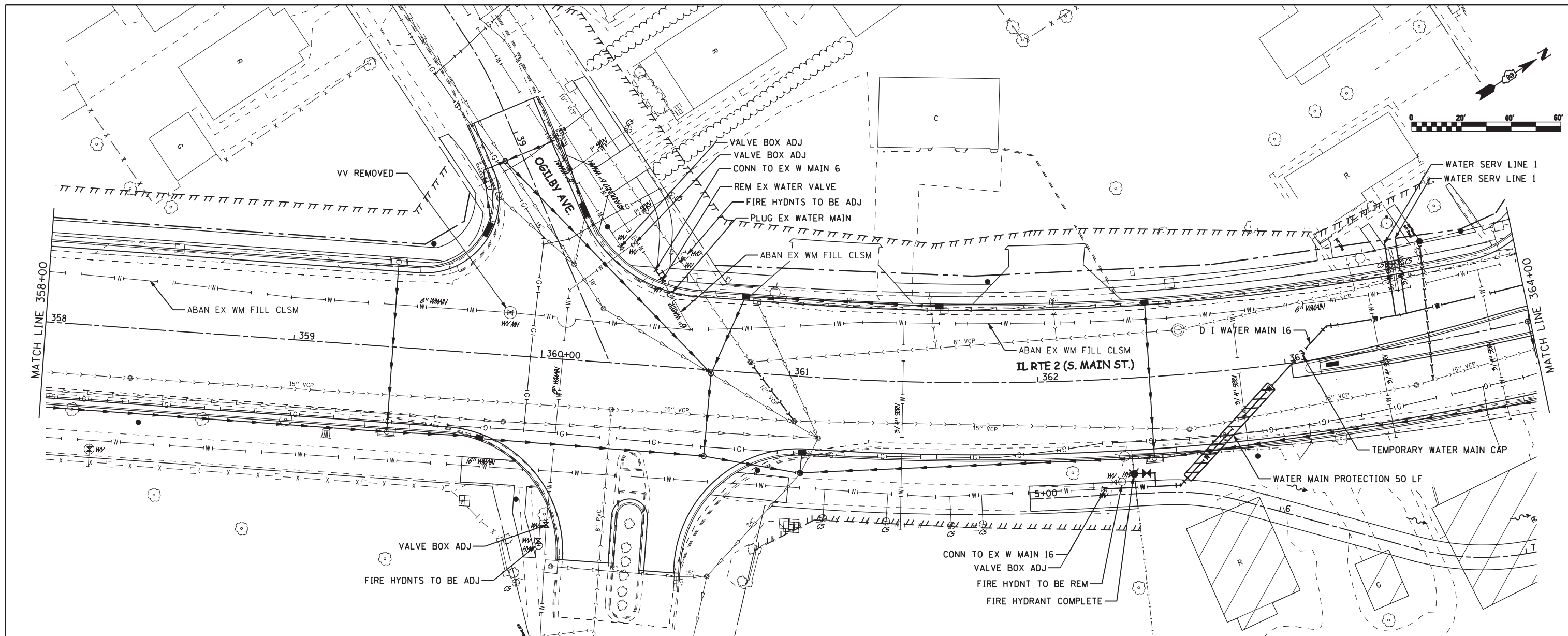


USER NAME = ROBERT FREY
 DESIGNED BDA
 DRAWN BPF
 CHECKED MLP
 DATE 02/17/12
 REVISED 07/16/2012 BPF
 REVISED 10/30/2012 MJS
 REVISED 11/27/2012 BPF
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATER MAIN PLAN & PROFILE
IL RTE 2
 SCALE: AS NOTED SHEET NO. 357 OF 705 SHEETS STA. 352+00 TO STA. 358+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32, 33) R-1	WINNEBAGO	705	357
CONTRACT NO. 64821			ILLINOIS FED. AID PROJECT	



714.13 713.62	713.99 713.27	713.80 712.97	713.40 712.82	713.44 712.83	713.42 712.97	713.28 713.12	713.42 713.27	713.52 713.42	713.72 713.57	713.52 713.72	713.85 713.87	713.98 714.02
358+00	358+50	359+00	359+50	360+00	360+50	361+00	361+50	362+00	362+50	363+00	363+50	364+00



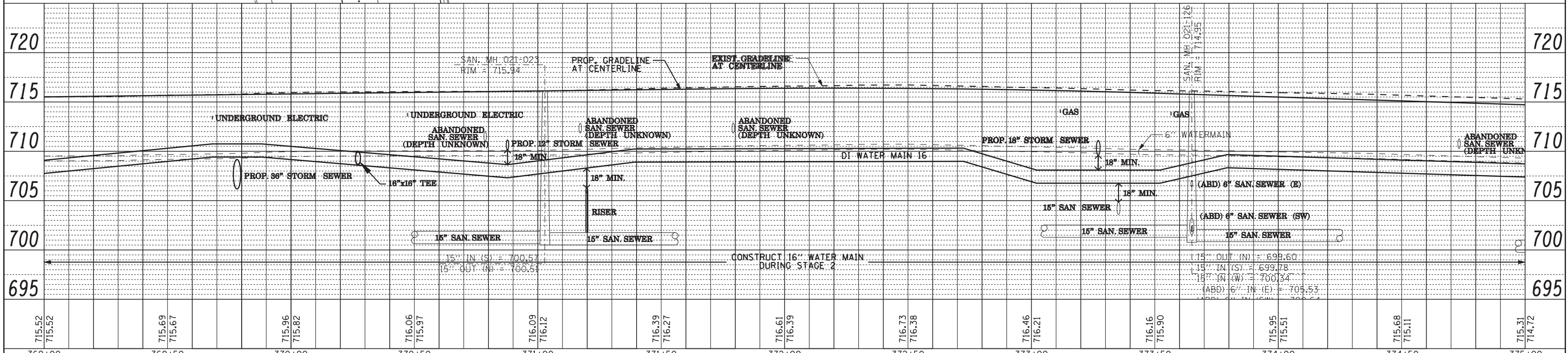
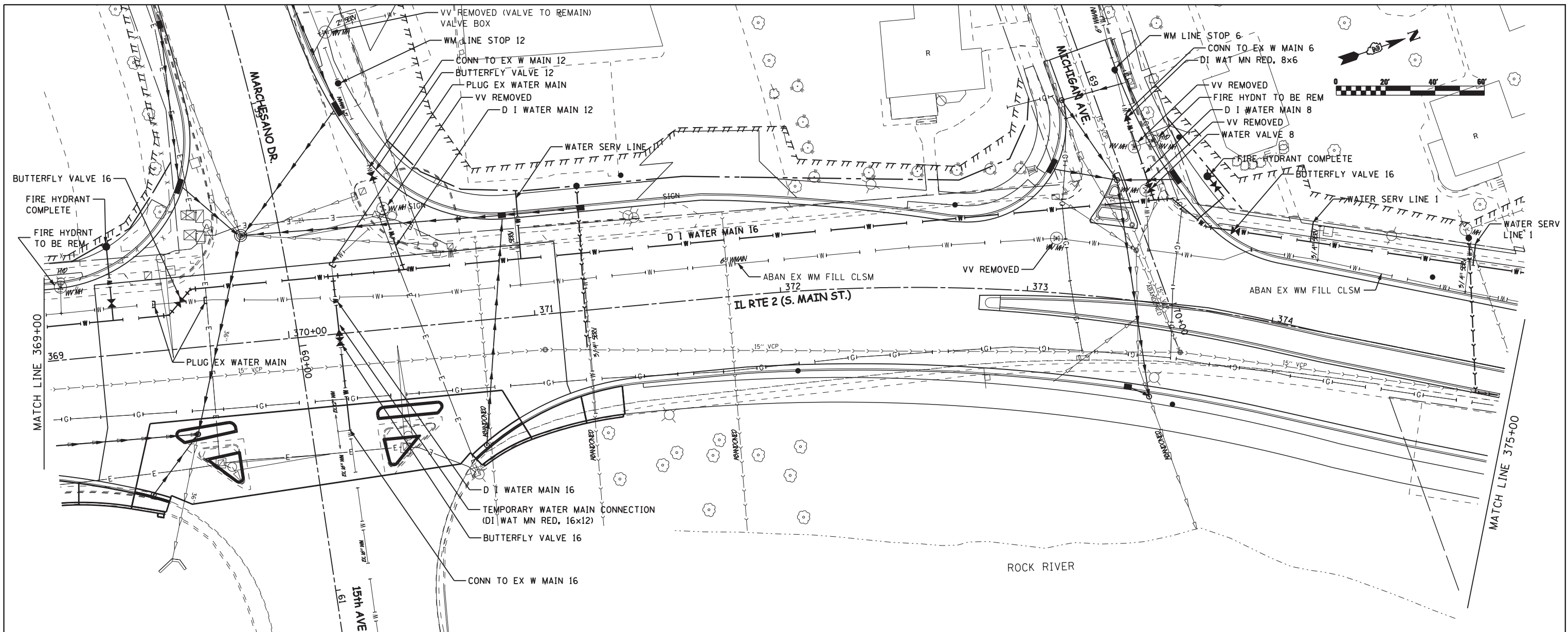
USER NAME = ROBERT FREY
 DESIGNED *BDA*
 DRAWN *BPF*
 PLOT SCALE = AS NOTED
 CHECKED *MLP*
 PLOT DATE = 07/16/2012
 DATE *02/17/12*

REVISED *07/16/2012 BPF*
 REVISED *10/30/2012 MJS*
 REVISED *11/27/2012 BPF*
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATER MAIN PLAN & PROFILE
IL RTE 2
 SCALE: AS NOTED SHEET NO. 358 OF 705 SHEETS STA. 358+00 TO STA. 364+00

F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 358
CONTRACT NO. 64821			ILLINOIS FED. AID PROJECT	



715.52	715.69	715.96	716.06	716.09	716.39	716.61	716.73	716.46	716.16	715.95	715.68	715.31
369+00	369+50	370+00	370+50	371+00	371+50	372+00	372+50	373+00	373+50	374+00	374+50	375+00

FERRIS-GRAHAM & ASSOCIATES, LLC
ENGINEERING AND SCIENCE CONSULTANTS

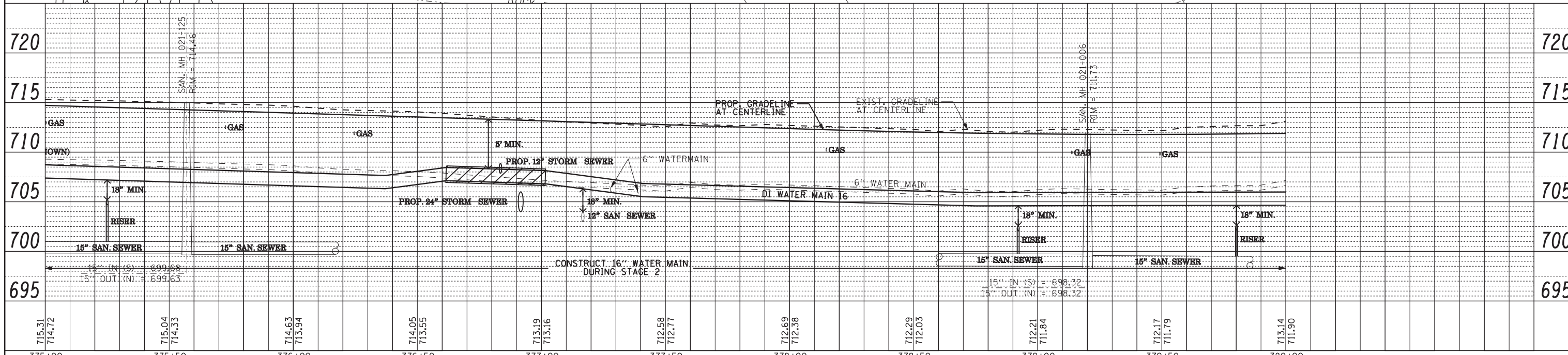
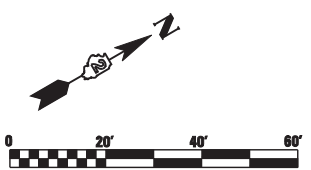
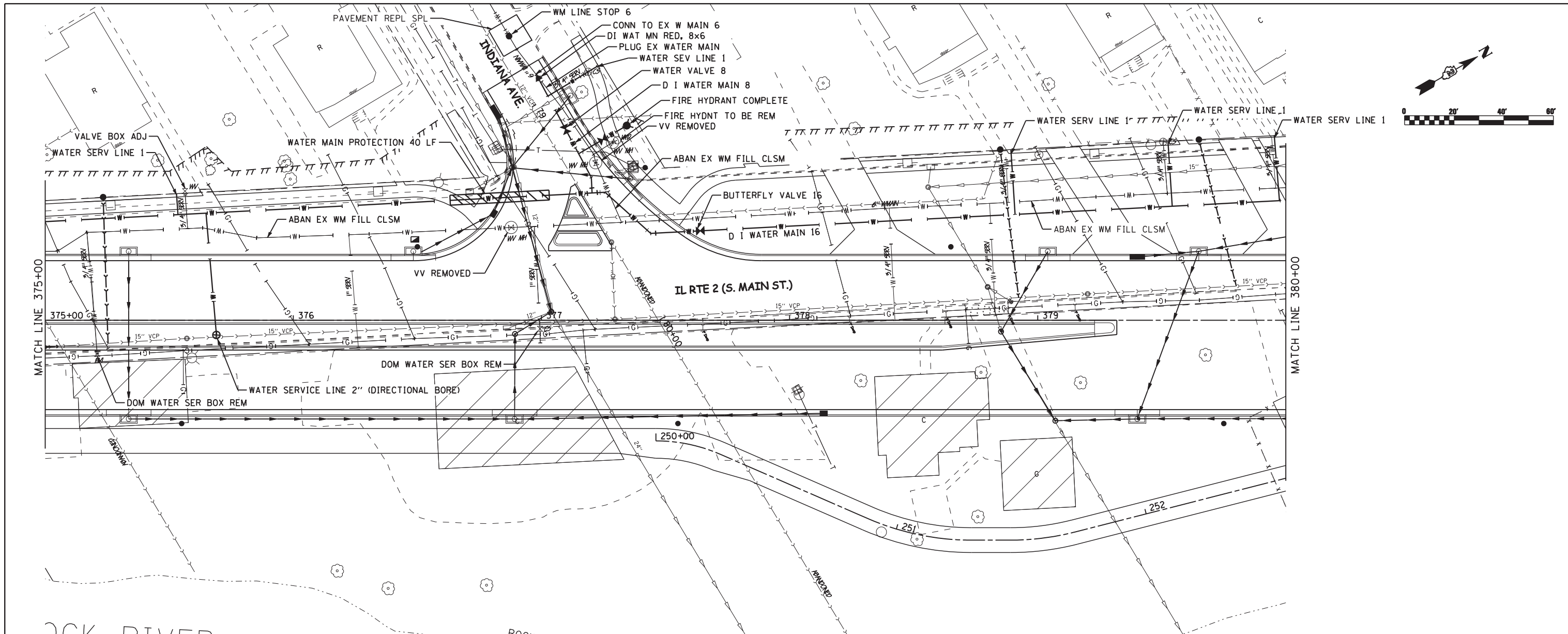
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DESIGNED BDA
DRAWN BPF
PLOT SCALE = AS NOTED
PLOT DATE = 07/16/2012

REVISD 07/16/2012 BPF
REVISD 10/30/2012 MJS
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATER MAIN PLAN & PROFILE
IL RTE 2
SCALE: AS NOTED SHEET NO. 360 OF 705 SHEETS STA. 369+00 TO STA. 375+00

F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 360
CONTRACT NO. 64821			ILLINOIS FED. AID PROJECT	



715.31 714.72	715.04 714.33	714.63 713.94	714.05 713.55	713.19 713.16	712.58 712.17	712.69 712.38	712.29 712.03	712.21 711.84	712.17 711.79	713.14 711.90	720
375+00	375+50	376+00	376+50	377+00	377+50	378+00	378+50	379+00	379+50	380+00	720

F
FEHR-GRAHAM & ASSOCIATES, LLC
 ENGINEERING AND SCIENCE CONSULTANTS

USER NAME = ROBERT FREY
 PLOT SCALE = AS NOTED
 PLOT DATE = 07/16/2012

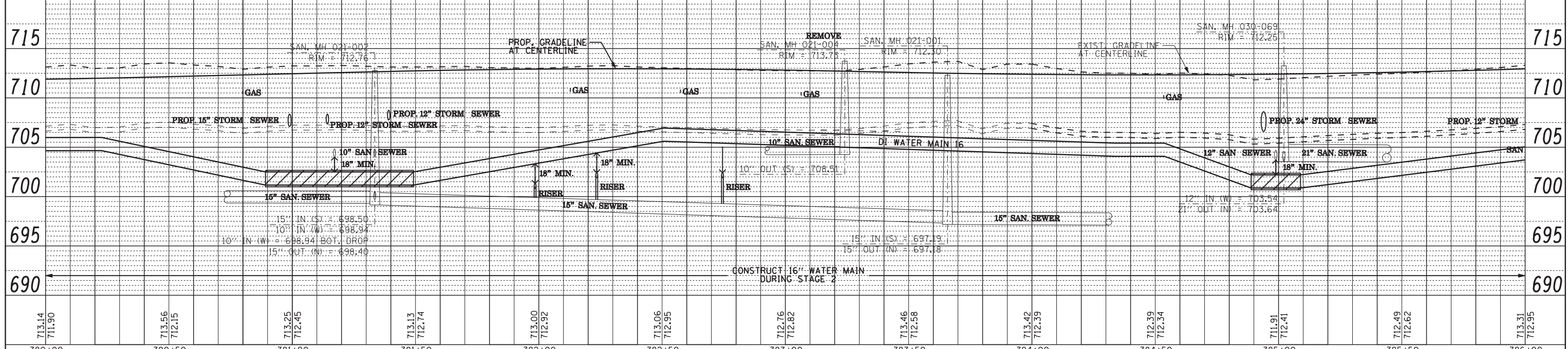
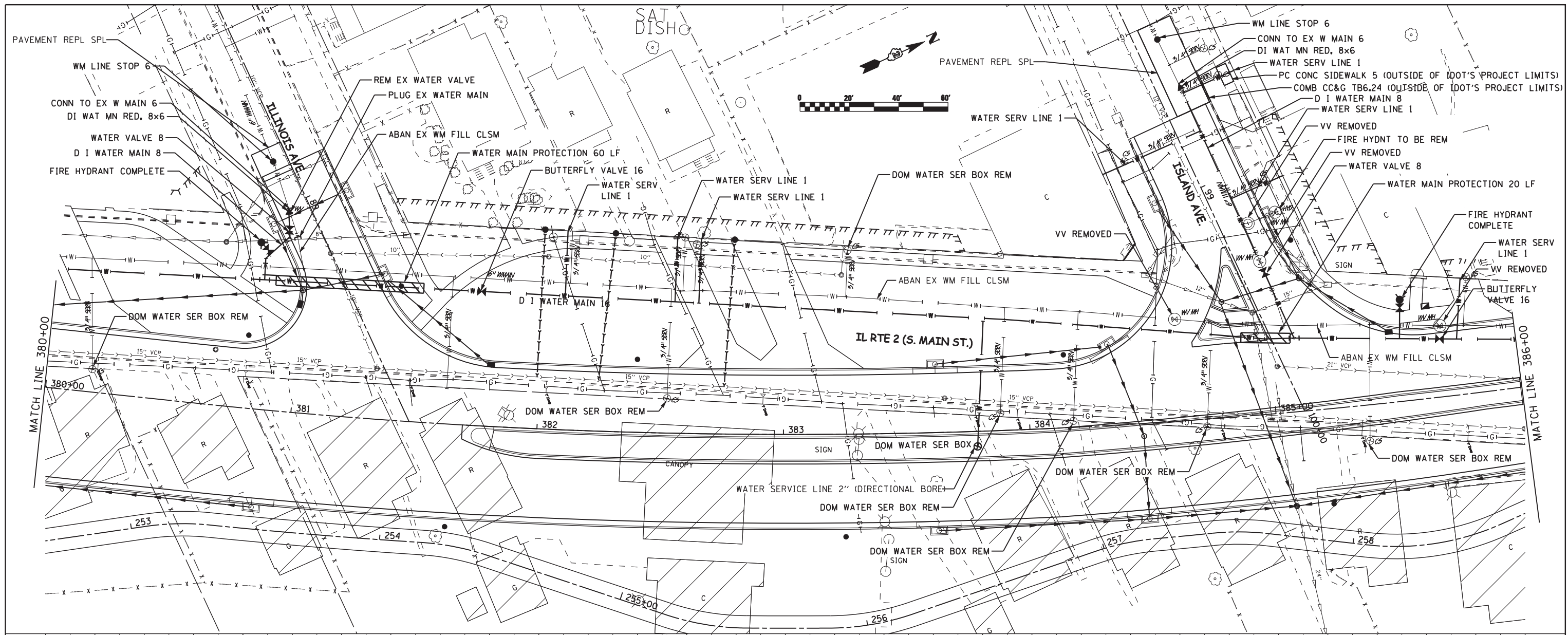
DESIGNED BDA
 DRAWN BPF
 CHECKED MLP
 DATE 02/17/12

REVISED 07/16/2012 BPF
 REVISED 10/30/2012 MJS
 REVISED 11/27/2012 BPF
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATER MAIN PLAN & PROFILE
IL RTE 2
 SCALE: AS NOTED SHEET NO. 361 OF 705 SHEETS STA. 375+00 TO STA. 380+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32, 33) R-1	WINNEBAGO	705	361
CONTRACT NO. 64821			ILLINOIS FED. AID PROJECT	



713.14 711.90	713.56 712.15	713.25 712.45	713.13 712.74	713.00 712.92	713.06 712.95	712.76 712.82	713.46 712.58	713.42 712.39	712.39 712.34	711.91 712.41	712.49 712.62	713.31 712.95
380+00	380+50	381+00	381+50	382+00	382+50	383+00	383+50	384+00	384+50	385+00	385+50	386+00

FERRIS-GRAHAM & ASSOCIATES, LLC
ENGINEERING AND SCIENCE CONSULTANTS

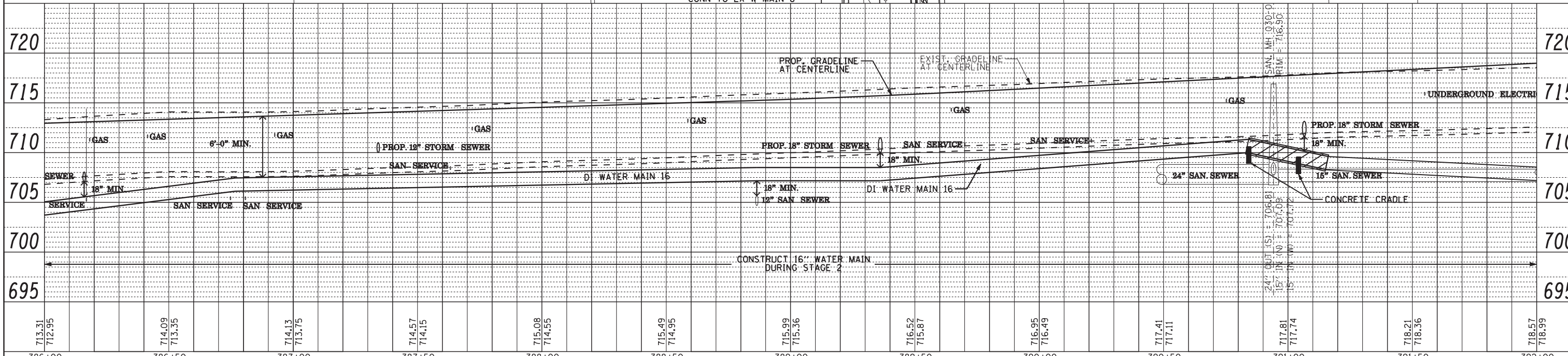
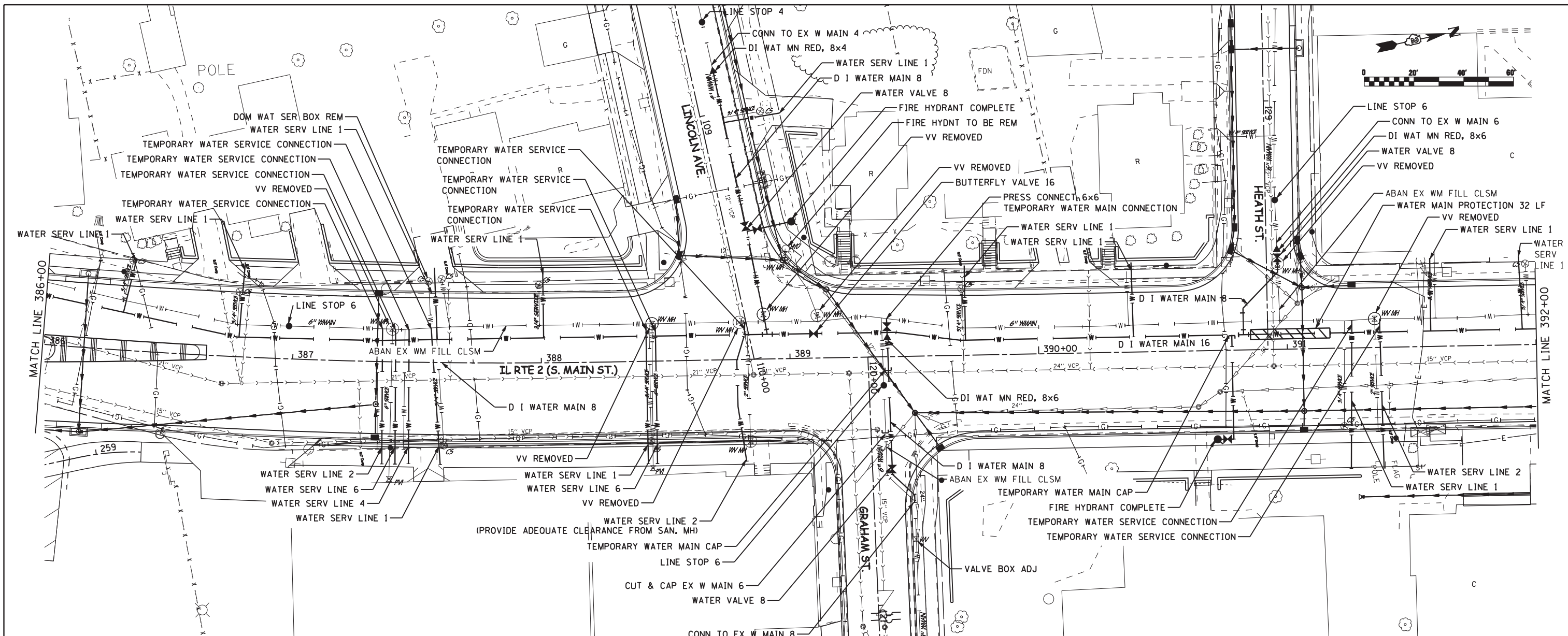
USER NAME = ROBERT FREY
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DRAWN BPF
PLOT SCALE = AS NOTED
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PLOT DATE = 07/16/2012
DATE 02/17/12

REVISED 07/16/2012 BPF
REVISED 10/30/2012 MJS
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATER MAIN PLAN & PROFILE
IL RTE 2
SCALE: AS NOTED SHEET NO. 362 OF 705 SHEETS STA. 380+00 TO STA. 386+00

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32, 33) R-1	WINNEBAGO	705	362
CONTRACT NO. 64821			ILLINOIS FED. AID PROJECT	



713.31 712.95	714.09 713.35	714.13 713.75	714.57 714.15	715.08 714.55	715.49 714.95	715.99 715.36	716.52 715.87	716.95 716.49	717.41 717.11	717.81 717.74	718.21 718.36	718.57 718.99
386+00	386+50	387+00	387+50	388+00	388+50	389+00	389+50	390+00	390+50	391+00	391+50	392+00

FERRI-GRAHAM & ASSOCIATES, LLC
ENGINEERING AND SCIENCE CONSULTANTS

USER NAME = ROBERT FREY
DESIGNED BDA
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DATE 02/17/12

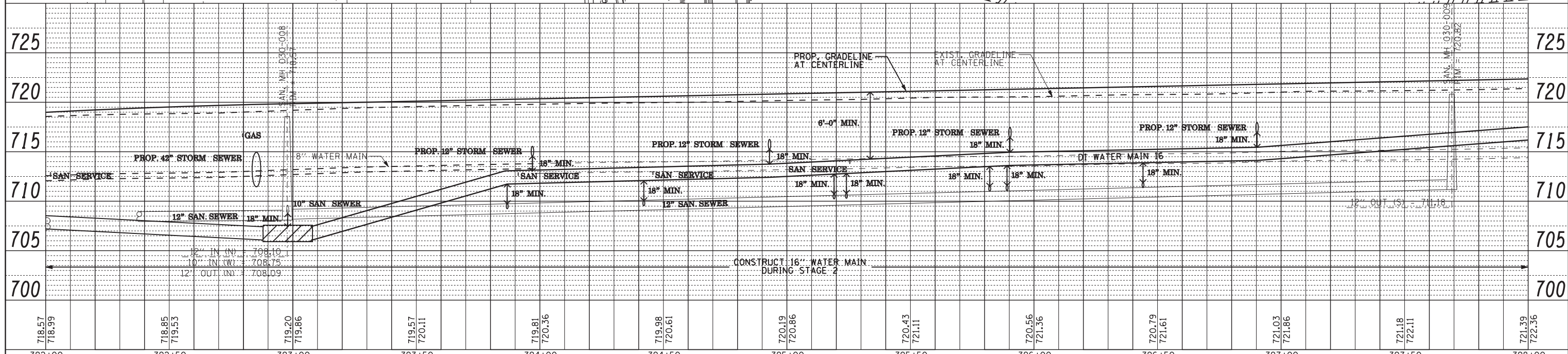
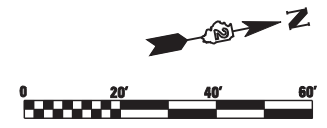
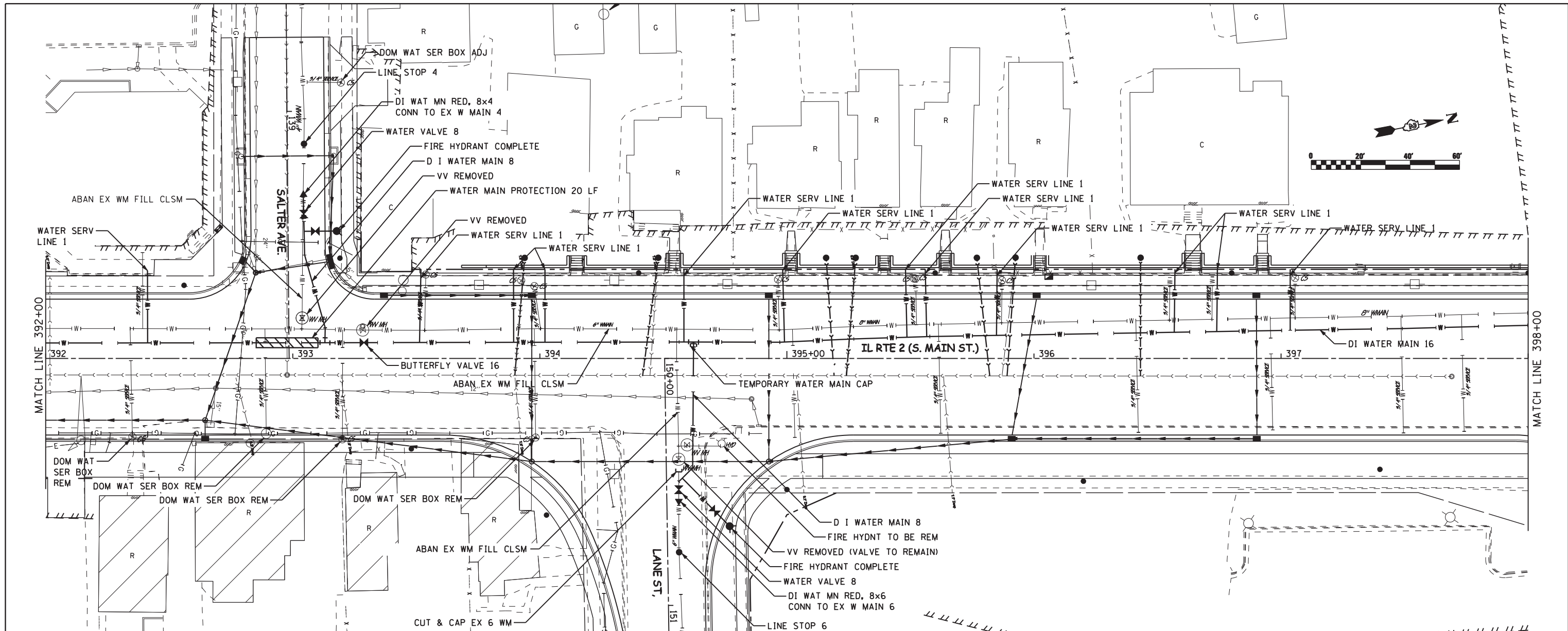
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATER MAIN PLAN & PROFILE
IL RTE 2
SCALE: AS NOTED SHEET NO. 363 OF 705 SHEETS STA. 386+00 TO STA. 392+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32, 33) R-1	WINNEBAGO	705	363

CONTRACT NO. 64821
ILLINOIS FED. AID PROJECT



718.57 718.99	718.85 719.53	719.20 719.86	719.57 720.11	719.81 720.36	719.98 720.61	720.19 720.86	720.43 721.11	720.56 721.36	720.79 721.61	721.03 721.86	721.18 722.11	721.39 722.36
392+00	392+50	393+00	393+50	394+00	394+50	395+00	395+50	396+00	396+50	397+00	397+50	398+00



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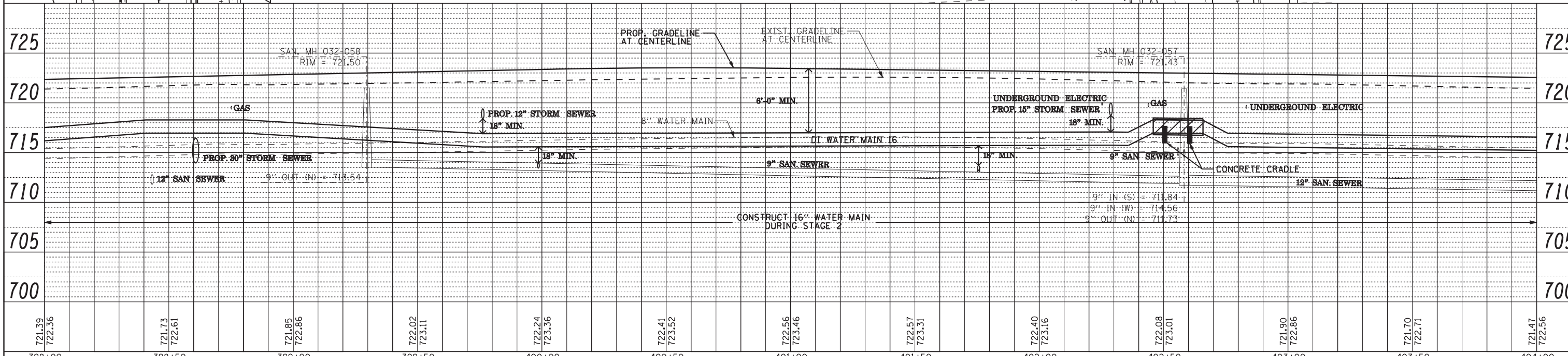
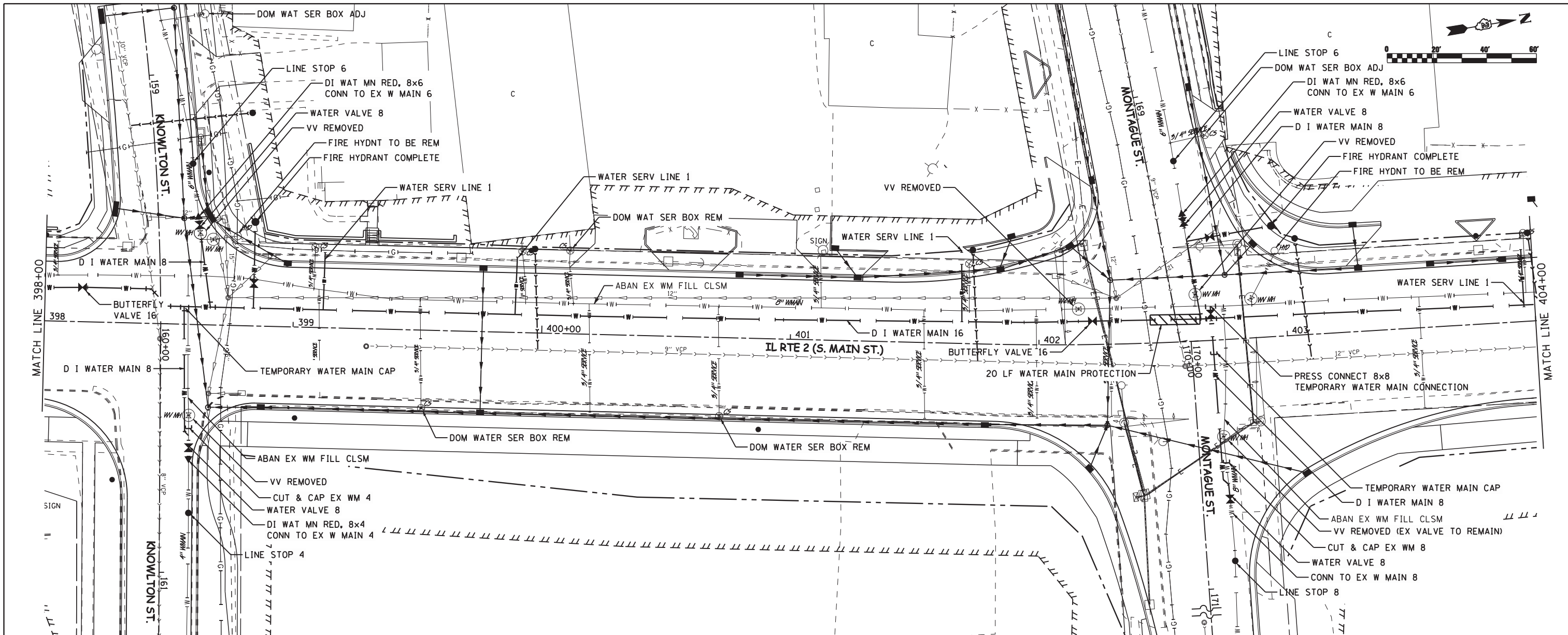
REVISIONS:
 07/16/2012 BPF
 10/30/2012 MJS
 11/27/2012 BPF

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATER MAIN PLAN & PROFILE
IL RTE 2

SCALE: AS NOTED SHEET NO. 364 OF 705 SHEETS STA. 392+00 TO STA. 398+00

F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 364
CONTRACT NO. 64821			ILLINOIS FED. AID PROJECT	



721.39 722.36	721.73 722.61	721.85 722.86	722.02 723.11	722.24 723.36	722.41 723.52	722.56 723.46	722.57 723.31	722.40 723.16	722.08 723.01	721.90 722.86	721.70 722.71	721.47 722.56
398+00	398+50	399+00	399+50	400+00	400+50	401+00	401+50	402+00	402+50	403+00	403+50	404+00

FERRIS-GRAHAM & ASSOCIATES, LLC
ENGINEERING AND SCIENCE CONSULTANTS

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DESIGNED *BDA*
DRAWN *BPF*
CHECKED *MLP*
DATE *02/17/12*

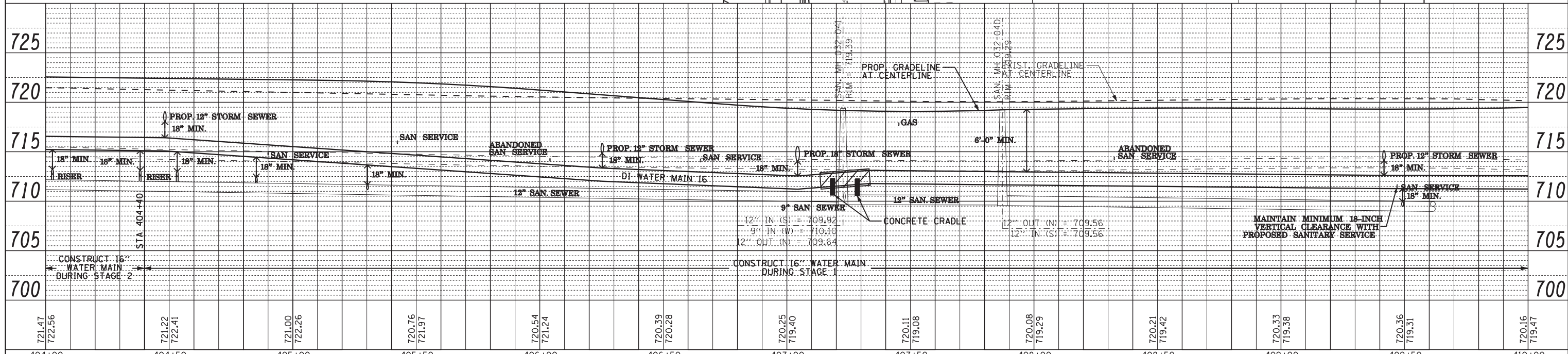
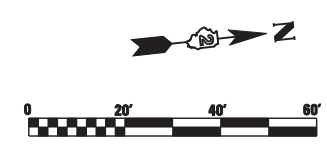
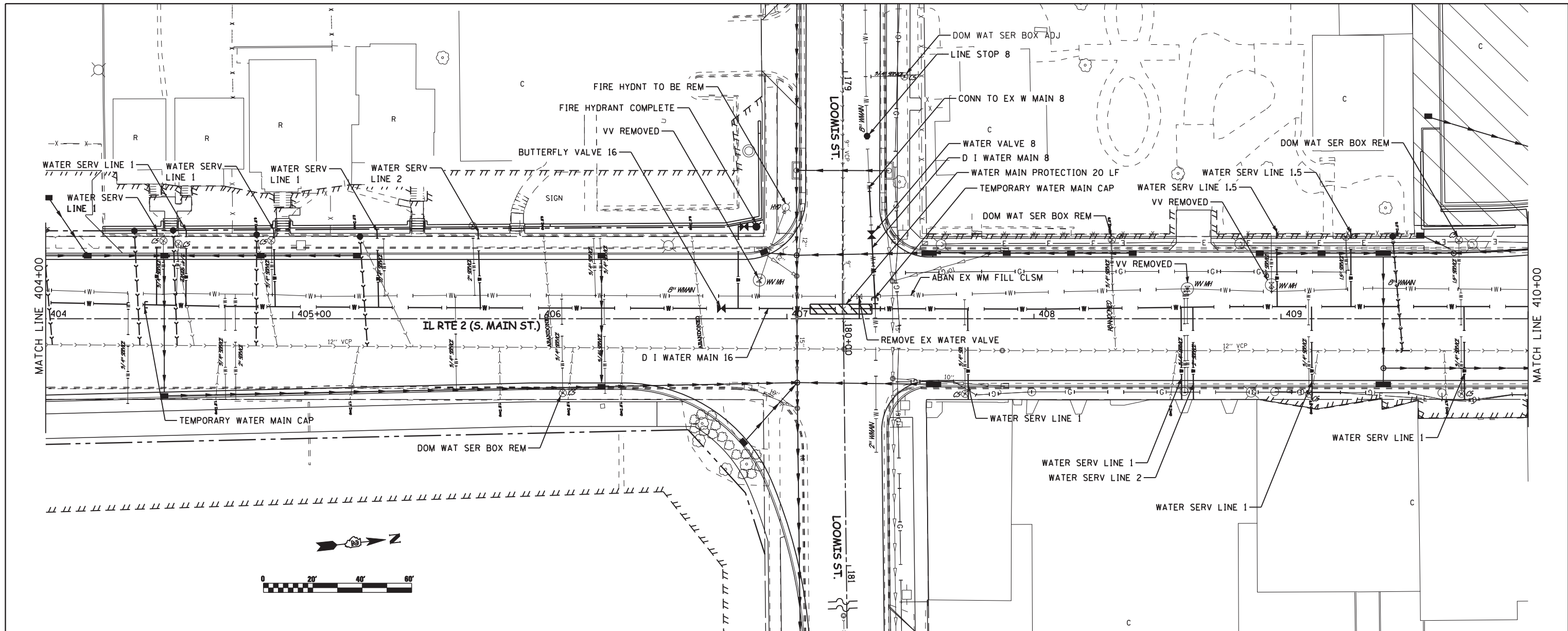
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATER MAIN PLAN & PROFILE
IL RTE 2

SCALE: AS NOTED | SHEET NO. 365 OF 705 SHEETS | STA. 398+00 TO STA. 404+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32, 33) R-1	WINNEBAGO	705	365

CONTRACT NO. 64821
ILLINOIS FED. AID PROJECT



721.47 722.56	721.22 722.41	721.00 722.26	720.76 721.97	720.54 721.24	720.39 720.28	720.25 719.40	720.11 719.08	720.08 719.29	720.21 719.42	720.33 719.38	720.36 719.31	720.16 719.47
404+00	404+50	405+00	405+50	406+00	406+50	407+00	407+50	408+00	408+50	409+00	409+50	410+00



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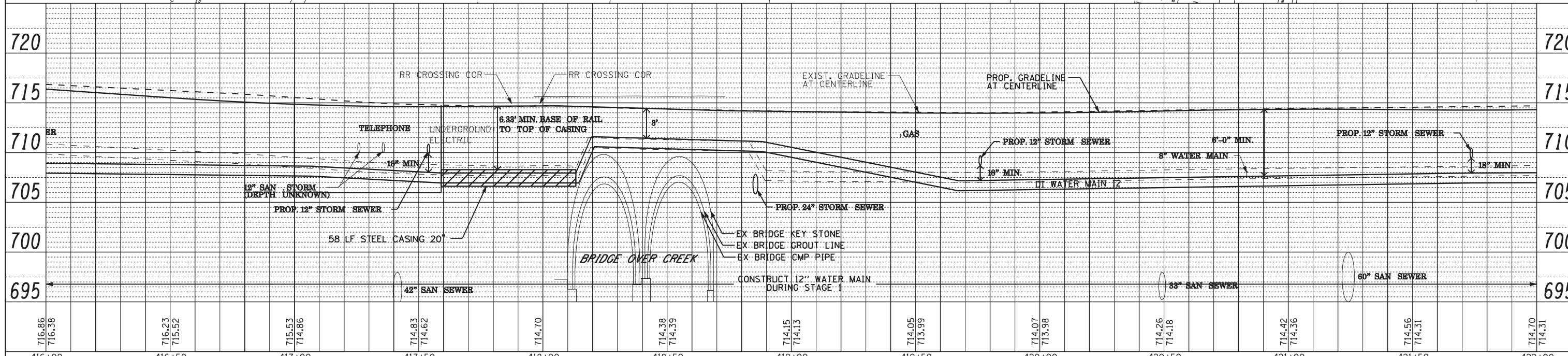
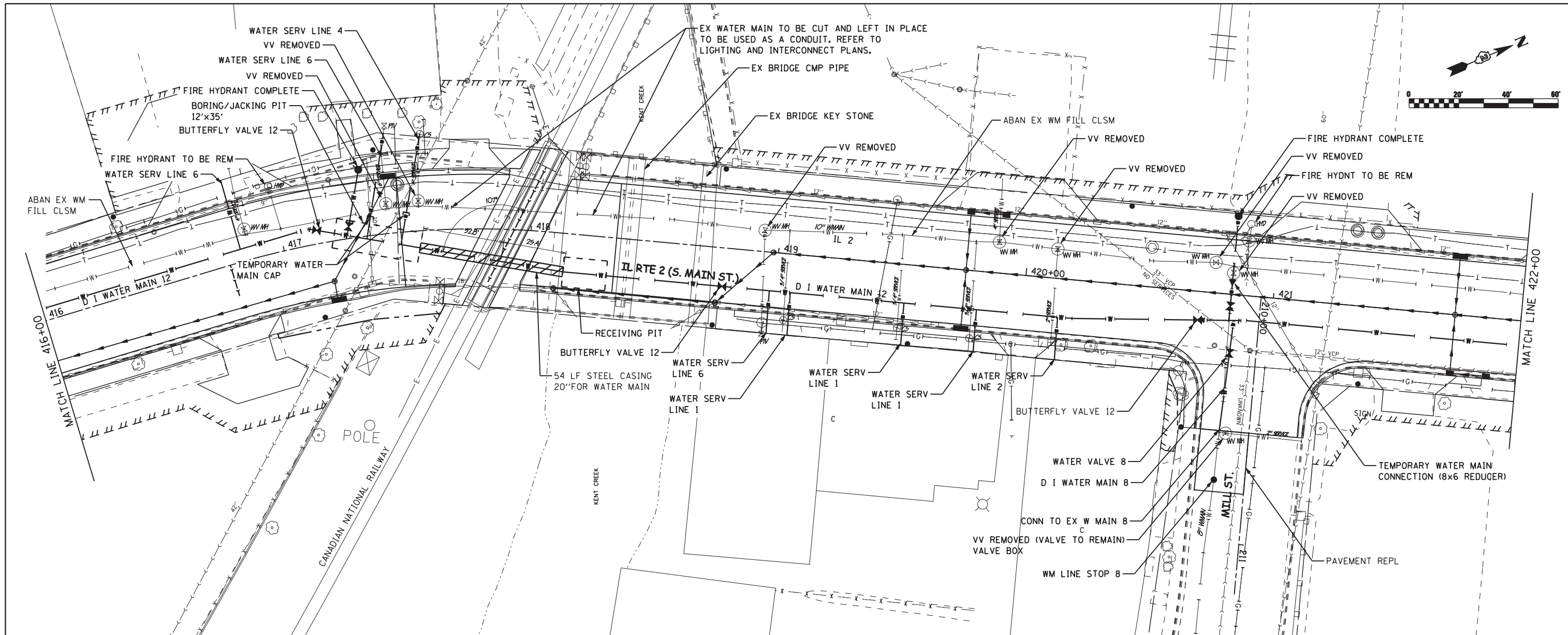
REVISED 07/16/2012 BPF
 REVISED 10/30/2012 MJS
 REVISED 11/27/2012 BPF
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED WATER MAIN PLAN & PROFILE
 IL RTE 2**

SCALE: AS NOTED SHEET NO. 366 OF 705 SHEETS STA. 404+00 TO STA. 410+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32, 33) R-1	WINNEBAGO	705	366
			CONTRACT NO. 64821	
ILLINOIS FED. AID PROJECT				



716.86 716.38	716.23 715.52	715.53 714.86	714.83 714.62	714.70	714.38 714.39	714.15 714.13	714.05 713.99	714.07 713.98	714.26 714.18	714.42 714.36	714.56 714.31	714.70 714.51
416+00	416+50	417+00	417+50	418+00	418+50	419+00	419+50	420+00	420+50	421+00	421+50	422+00

FERRIS-GRAHAM & ASSOCIATES, LLC
ENGINEERING AND SCIENCE CONSULTANTS

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REVISD 10/30/2012 MJS
REVISD 11/27/2012 BPF
REVISD -

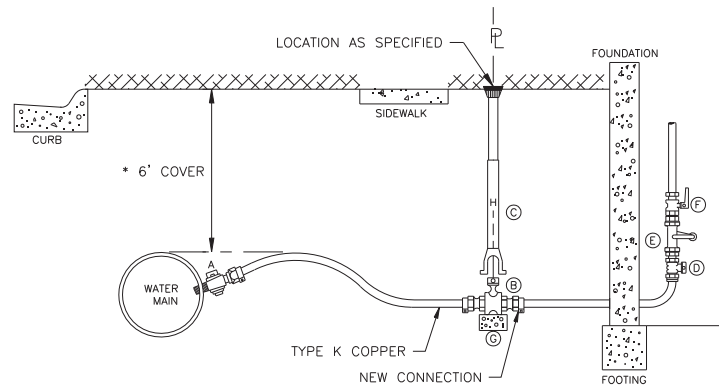
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED WATER MAIN PLAN & PROFILE
IL RTE 2**

SCALE: AS NOTED SHEET NO. 368 OF 705 SHEETS STA. 416+00 TO STA. 422+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32, 33) R-1	WINNEBAGO	705	368
CONTRACT NO. 64821				
ILLINOIS FED. AID PROJECT				

ITEM	DESCRIPTION	SIZE
A	CORPORATION STOP	3/4"-2"
B	CURB STOP	3/4"-2"
C	CURB BOX	EXTENDABLE
D	METER STOP	3/4"-2"
E	METER SPREAD	3/8"-2"
F	METER STOP HOUSE SIDE	3/8"-2"
G	BRICK	CEMENT
H	ROD	3/6"



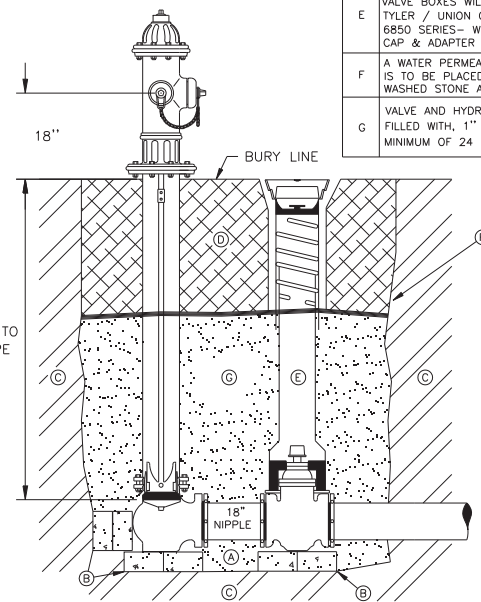
* UNLESS OTHERWISE INDICATED ON PLANS

CITY OF ROCKFORD
WATER SERVICE DETAIL
N.T.S.

DTL-WSR

ITEM	DESCRIPTION
A	APPROVED BEDDING MATERIAL
B	8" x 4" x 4" CONCRETE BLOCKING 3500 PSI STRENGTH TYPE
C	UNDISTURBED SOIL
D	APPROVED GRANULAR, TRENCH BACKFILL MATERIAL
E	VALVE BOXES WILL BE THE TYLER / UNION CAST IRON 6850 SERIES - WITH DEBRIS CAP & ADAPTER II INSTALLED
F	A WATER PERMEABLE GEOTEXTILE IS TO BE PLACED BETWEEN 1" WASHED STONE AND BACKFILL
G	VALVE AND HYDRANT TO BE BACK FILLED WITH 1" WASHED STONE MINIMUM OF 24 INCHES IN DEPTH

ALL HYDRANTS TO BE INSTALLED WITH LOCKING COLLARS

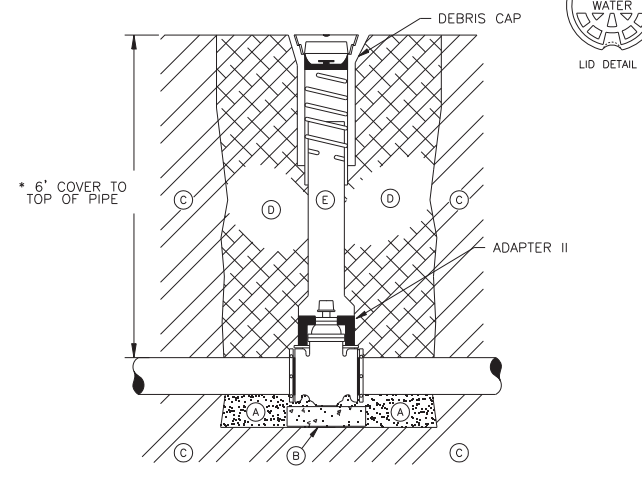


* UNLESS OTHERWISE INDICATED ON PLANS

CITY OF ROCKFORD
FIRE HYDRANT COMPLETE
N.T.S.

DTL-FH

ITEM	DESCRIPTION
A	APPROVED BEDDING MATERIAL
B	16"x8"x4" CONCRETE BLOCKING
C	UNDISTURBED SOIL
D	APPROVED GRANULAR, TRENCH BACKFILL MATERIAL
E	VALVE BOXES WILL BE THE TYLER/UNION CAST IRON 6850 SERIES - WITH DEBRIS CAP & ADAPTER II INSTALLED

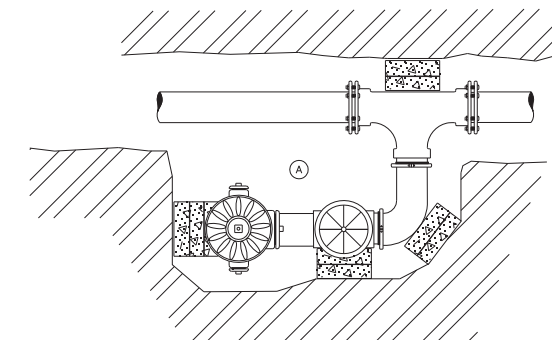


* UNLESS OTHERWISE INDICATED ON PLANS

CITY OF ROCKFORD
VALVE & VALVE BOX DETAIL
N.T.S.

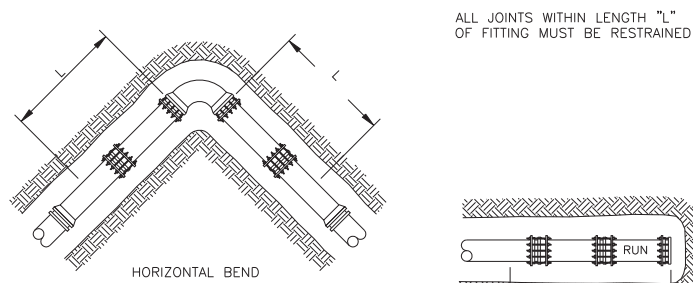
DTL-VB

ITEM	DESCRIPTION
A	SEE FIRE HYDRANT DETAIL SHEET FOR CONSTRUCTION SPECIFICATIONS



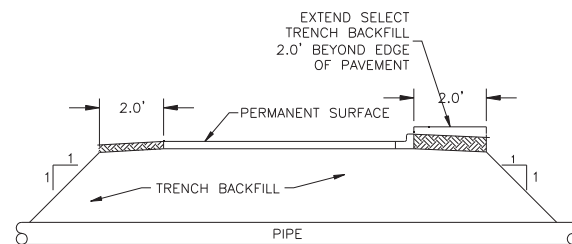
CITY OF ROCKFORD
OFFSET FIRE HYDRANT
COMPLETE WITH ELL
N.T.S.

DTL-FHO



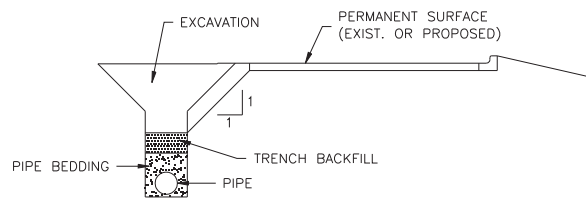
DIP diameter (inches)	L (feet)					
	Horizontal bends		Vertical Down Bends	Vertical Up Bends	Dead Ends	
4 to 8	1	3	6	14	15	6
10 to 12	2	4	8	20	21	8
14 to 16	3	5	11	25	27	11
18 to 20	3	6	13	31	33	13
24	4	7	15	36	39	15

RESTRAINING GLAND RESTRAINT
N.T.S.

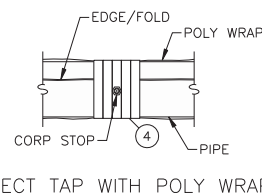


TYPICAL SECTION OF PIPE
CROSSING UNDER PERMANENT SURFACE
N.T.S.

NOTE:
THESE MINIMUM SECTIONS APPLY WHEREVER PIPE IS ADJACENT TO, OR CROSSES UNDER AN EXISTING OR NEW ROADWAY, PARKING LOT, SIDEWALK, DRIVEWAY, STRUCTURE OR PAVEMENT.

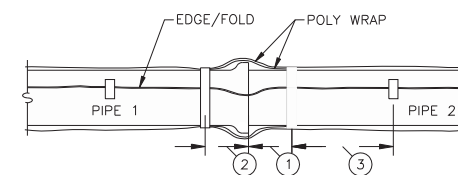


TYPICAL SECTION OF PIPE
PARALLEL TO PERMANENT SURFACE
N.T.S.



DIRECT TAP WITH POLY WRAP

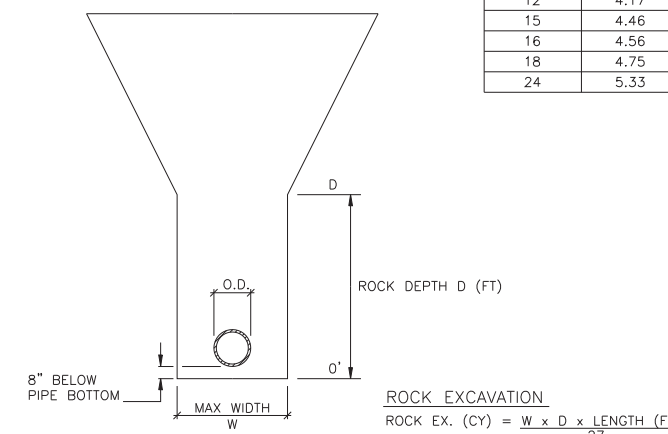
PIPE DIA. (IN.)	MINIMUM POLY WRAP WIDTH (IN.)	
	FLAT TUBE	SHEET
4	14	28
6	16	32
8	20	40
10	24	48
12	27	54
14	30	60
16	34	68



1. EXTEND POLY WRAP FOR PIPE 1 A MINIMUM OF 12" BEYOND BELL ONTO PIPE 2. SECURE TO PIPE 2 WITH TAPE OR PLASTIC TIE STRAPS.
2. EXTEND POLY WRAP FOR PIPE 2 ONTO PIPE 1 A MINIMUM OF 12" BEYOND THE PIPE 1 BELL. INSTALL OVER THE PIPE 1 POLY WRAP AND SECURE THE END WITH TAPE OR PLASTIC TIE STRAPS.
3. SECURE THE CUT EDGE ON POLY SHEETS EVERY 3'-0". SECURE THE FOLD ON POLY TUBES EVERY 4'-0", IF INSTALLED BELOW THE WATER TABLE, SECURE EVERY 2'-0".
4. INSTALL 2 TO 3 WRAPS OF POLYETHYLENE ADHESIVE TAPE COMPLETELY AROUND THE PIPE AND POLY WRAP AT TAPPING LOCATION. MOUNT TAPPING MACHINE OVER THE TAPE AND INSTALL CORPORATION THROUGH THE TAPE AND POLY WRAP. REPAIR ANY DAMAGE TO POLY WRAP IF NEEDED.
5. POLY WRAP SHALL BE A MINIMUM OF 8 MILS THICK AND SHALL BE FURNISHED IN TUBE FORM.

POLY WRAP INSTALLATION AT PIPE JOINTS

POLYETHYLENE ENCASEMENT
(POLY WRAP) INSTALLATION DETAIL
N.T.S.



NOTE:
ROCK EXCAVATION WILL BE PAID ON WATER SERVICE AND MAIN CONSTRUCTION WHERE APPLICABLE/SPECIFIED.

ROCK EXCAVATION PAY LIMIT SCHEDULE
N.T.S.



USER NAME = ROBERT FREY
PLOT SCALE = N/A
PLOT DATE = 07/16/2012

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DRAWN BPF
CHECKED MLP
DATE 02/17/12

REVISED 07/16/2012 BPF
REVISED 10/30/2012 MJS
REVISED 11/27/2012 BPF
REVISED -

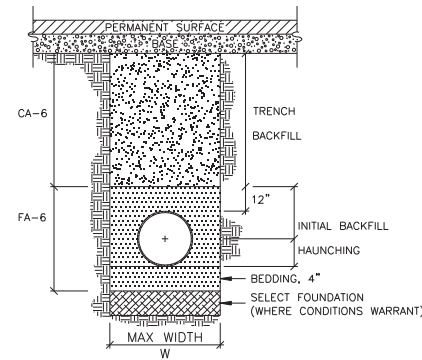
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATER MAIN DETAILS
IL RTE 2

SCALE: N/A SHEET NO. 372 OF 705 SHEETS

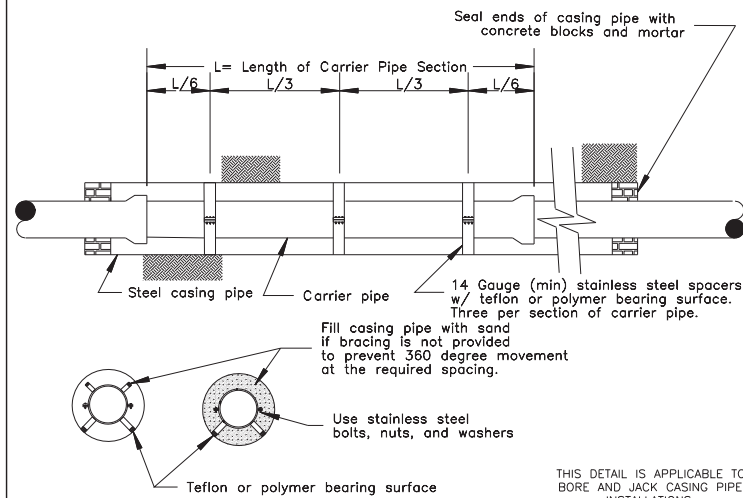
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32, 33) R-1	WINNEBAGO	705	372
CONTRACT NO. 64821				
ILLINOIS FED. AID PROJECT				

PIPE DIA. (IN.)	MAX. PAY WIDTH (FT.)
<4	3.00
4	3.33
6	3.58
8	3.78
10	3.97
12	4.17
15	4.46
16	4.56
18	4.75
24	5.33



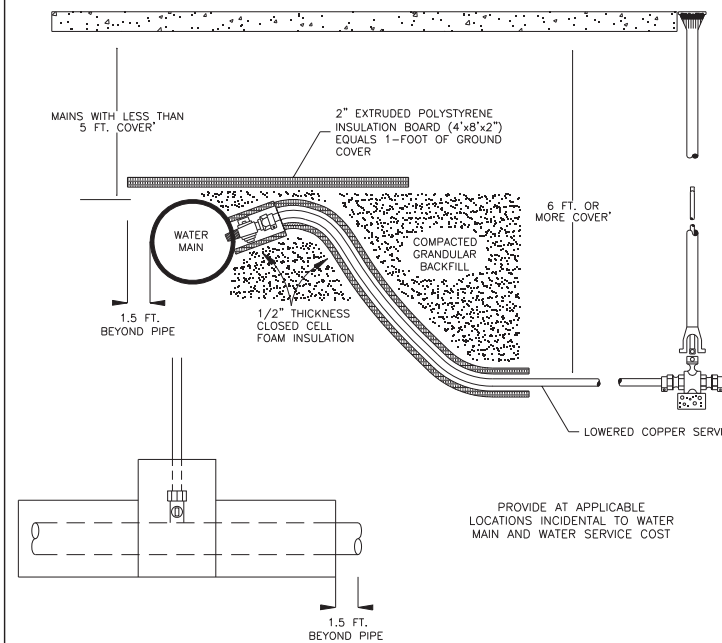
NOTE:
THESE ITEMS WILL BE INCIDENTAL ON WATER SERVICES.
TRENCH BACKFILL SHALL BE MECHANICALLY COMPACTED TO 95% STANDARD PROCTOR OPTIMUM DENSITY.

TRENCH BACKFILL AND SELECT FOUNDATION
MATERIAL PAY LIMIT SCHEDULE
N.T.S.



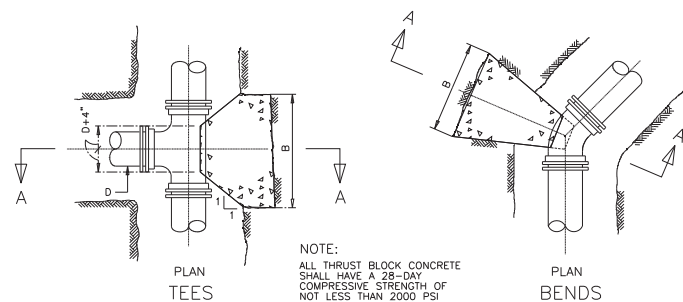
THIS DETAIL IS APPLICABLE TO BORE AND JACK CASING PIPE INSTALLATIONS.

WATER MAIN CASING DETAIL
N.T.S.

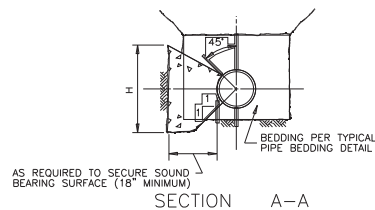


PROVIDE AT APPLICABLE LOCATIONS INCIDENTAL TO WATER MAIN AND WATER SERVICE COST

FREEZE PROTECTION
N.T.S.



NOTE:
ALL THRUST BLOCK CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF NOT LESS THAN 2000 PSI

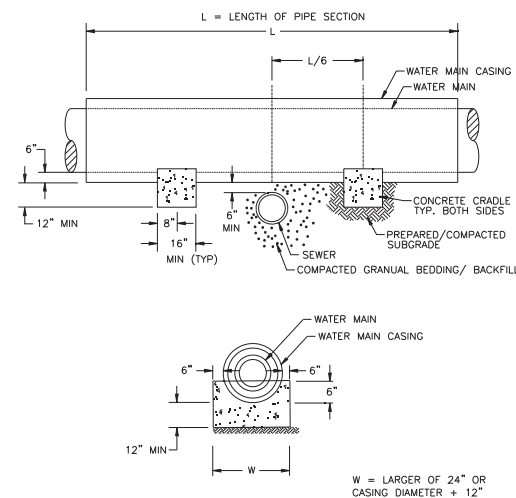


BENDS AND TEES

PIPE SIZE	90° BENDS		45° BENDS		22 1/2° ELLS		11 1/4° ELLS		TEES	
	D	H	B	H	B	H	B	H	B	
6"	12	24	9	18	7	14	11	22		
8"	16	32	12	24	9	18	14	28		
10"	20	40	15	30	11	22	17	34		
12"	24	48	18	36	13	26	21	42		
16"	32	64	24	48	17	34	28	56		

* DIMENSIONS SHOWN ARE MINIMUM * DIMENSIONS SHOWN ARE INCHES

THRUST BLOCK DETAILS
N.T.S.



- NOTE:
- CONCRETE CRADLES ARE REQUIRED WHEN WATER MAIN CROSSES OVER SEWER PIPES WITH A VERTICAL CLEARANCE OF LESS THAN 18".
 - CRADLES TO BE BUILT ON UNDISTURBED EARTH PREPARED/COMPACTED TO THE SATISFACTION OF THE ENGINEER.
 - CONCRETE TO BE CLASS SI PER 1001 SECTION 1020.04.
 - CONCRETE CRADLES TO BE MEASURED AND PAID FOR AS CLASS SI CONCRETE (MISCELLANEOUS).

CONCRETE CRADLES
N.T.S.



USER NAME = ROBERT FREY
DRAWN = BPF
CHECKED = MLP
DATE = 02/17/12

DESIGNED = BDA
DRAWN = BPF
CHECKED = MLP
DATE = 02/17/12

REVISED = 07/16/2012 BPF
REVISED = 10/30/2012 MJS
REVISED = 11/27/2012 BPF
REVISED = -

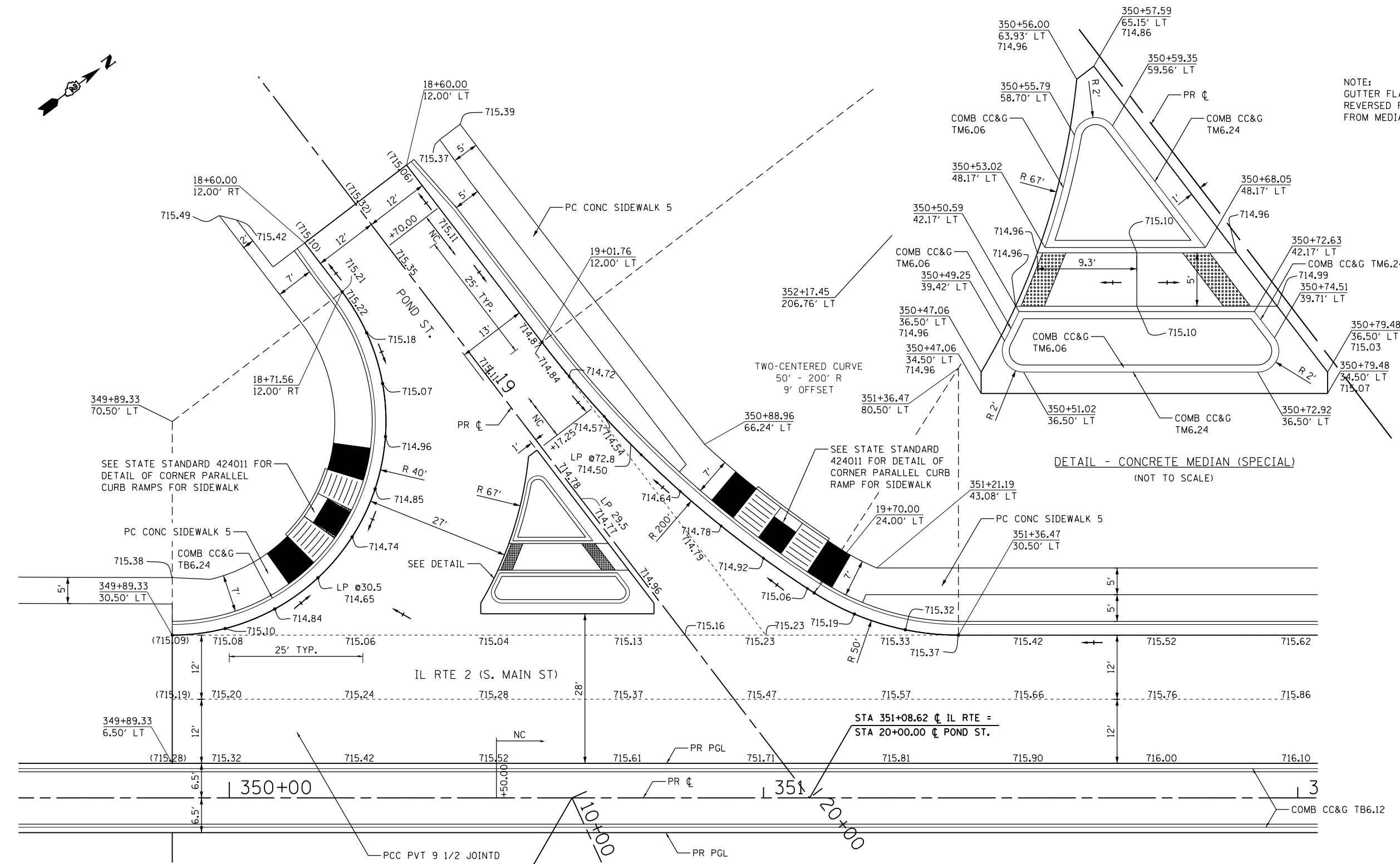
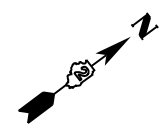
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATER MAIN DETAILS
IL RTE 2

SCALE: N/A SHEET NO. 373 OF 705 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32, 33) R-1	WINNEBAGO	705	373
				CONTRACT NO. 64821

ILLINOIS FED. AID PROJECT



NOTE:
GUTTER FLAG ON MEDIAN SHALL BE REVERSED PITCHED TO DRAIN AWAY FROM MEDIAN.

SEE STATE STANDARD 424011 FOR
DETAIL OF CORNER PARALLEL
CURB RAMPS FOR SIDEWALK

SEE STATE STANDARD
424011 FOR DETAIL OF
CORNER PARALLEL CURB
RAMP FOR SIDEWALK

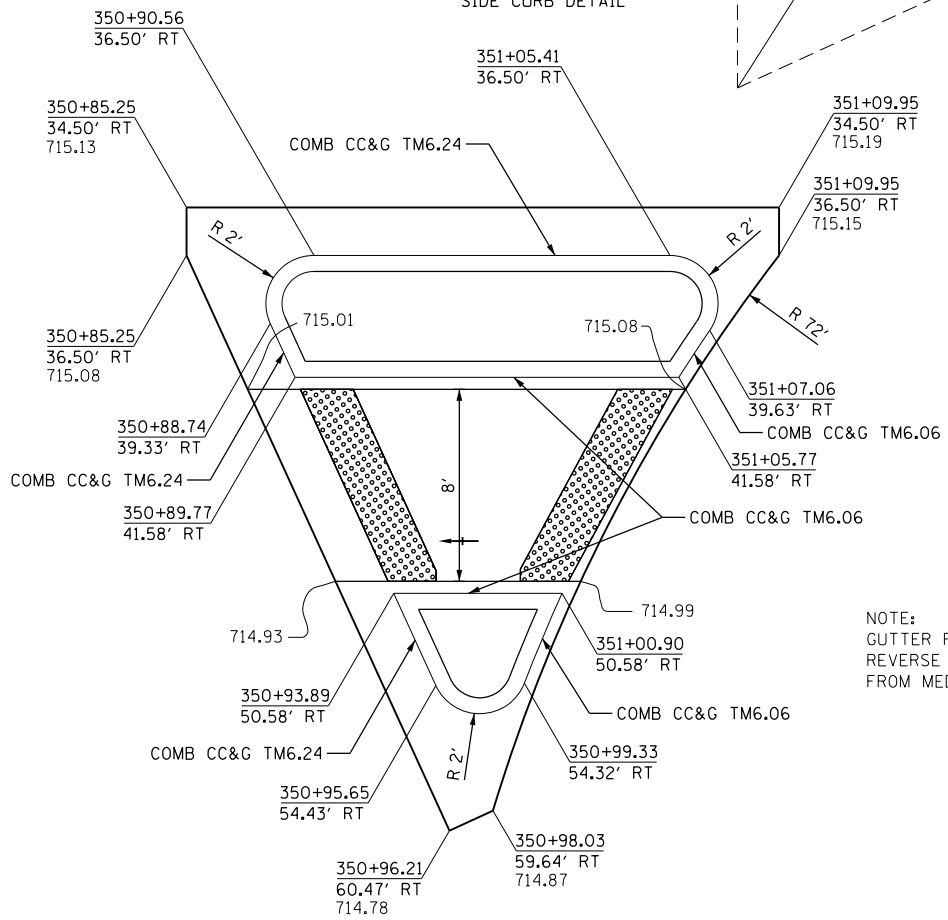
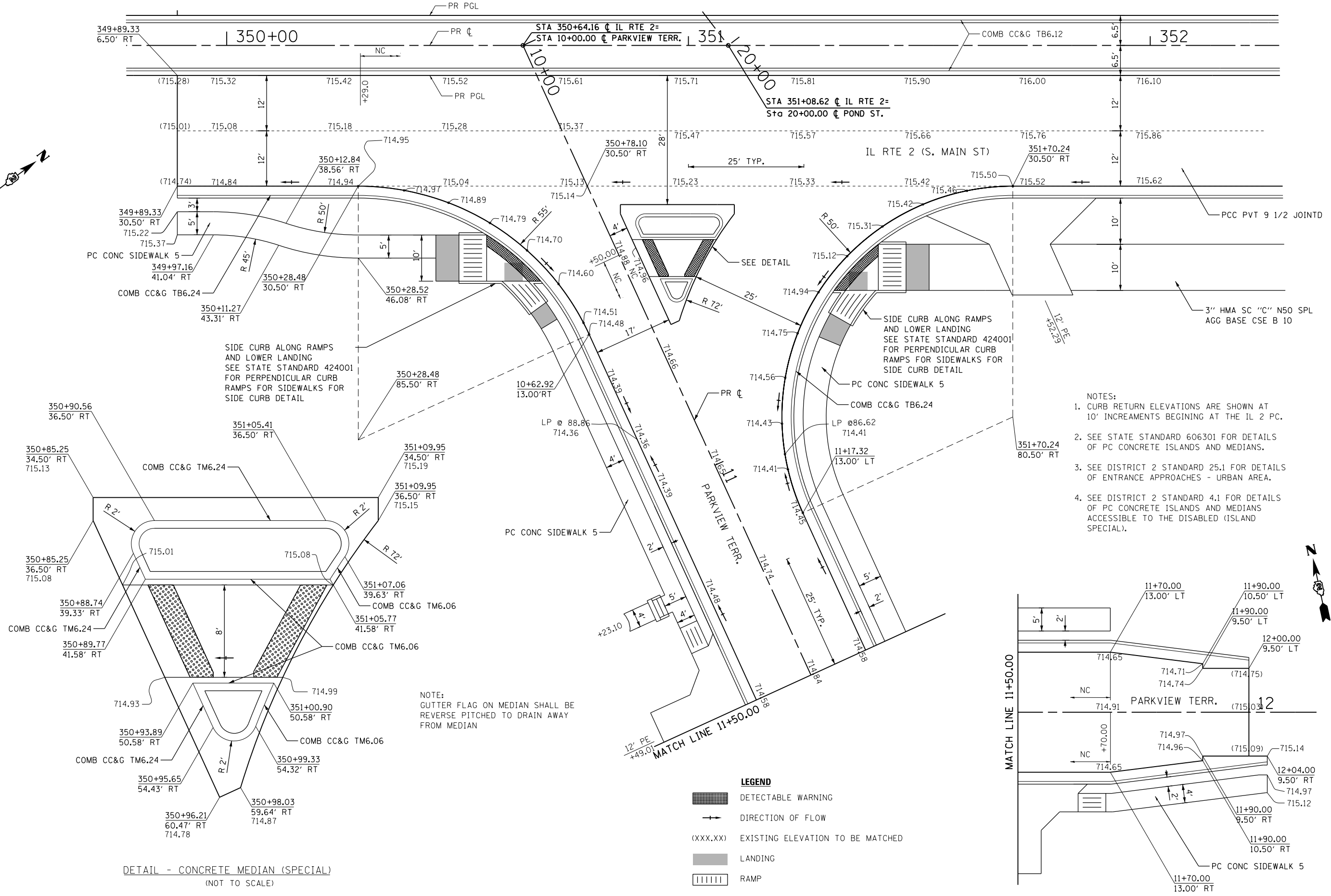
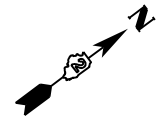
DETAIL - CONCRETE MEDIAN (SPECIAL)
(NOT TO SCALE)

STA 350+64.16 ϕ IL RTE 2=
STA 10+00.00 ϕ PARKVIEW TERR.

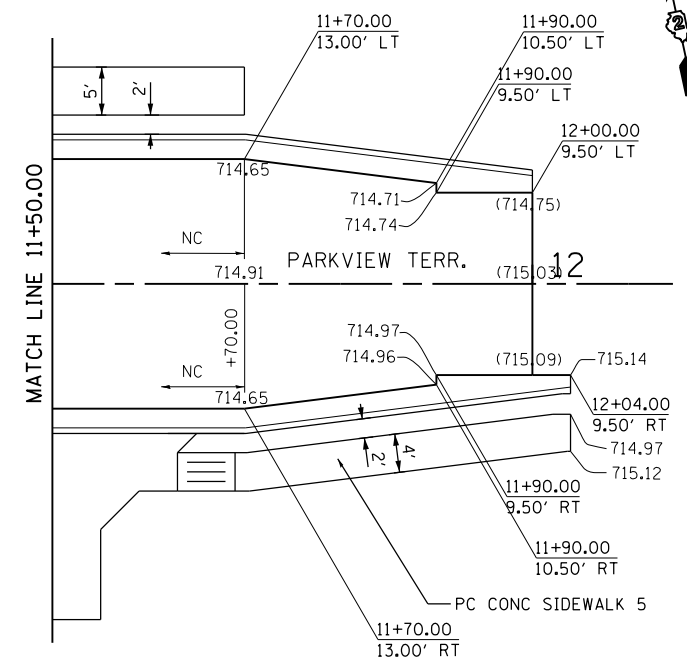
- LEGEND**
- DETECTABLE WARNING
 - DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 - LANDING
 - RAMP

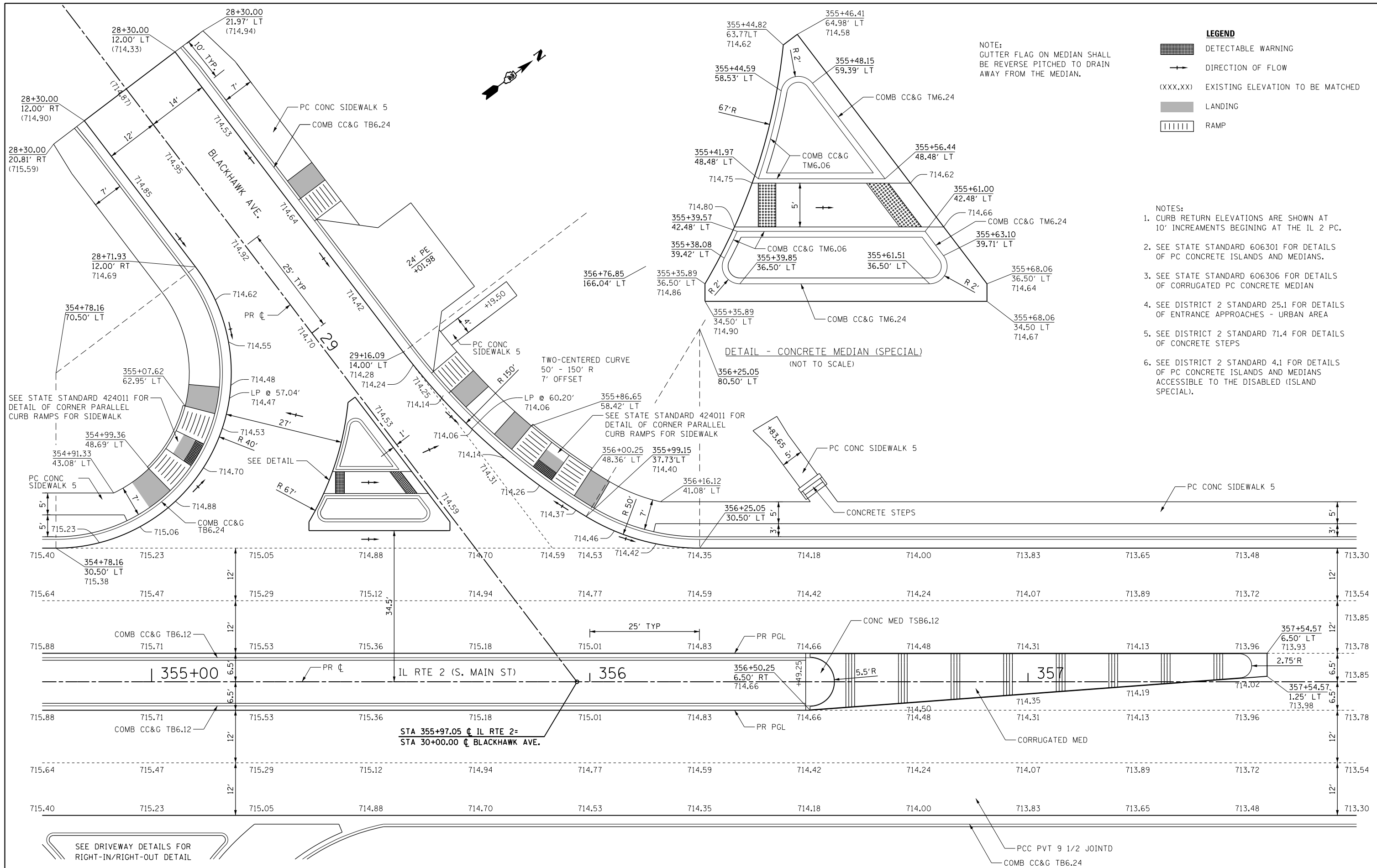
- NOTES:**
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 2. SEE STATE STANDARD 606301 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS.
 3. SEE DISTRICT 2 STANDARD 4.1 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED (ISLAND (SPECIAL)).

FILE NAME =	USER NAME = Hogensonjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL POND ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\pmdot\hogensonjd\0328875\0264821-sht-intersec-01.Pond.dgn		DRAWN -	REVISED -		SCALE: 1"=10'	SHEET NO. 1 OF 26 SHEETS	STA.	TO STA.	742	(32,33) R-1	WINNEBAGO	705	374
PLOT SCALE = 2.0000' / in.		CHECKED -	REVISED -										
PLOT DATE = Thu Dec 13 12:02:34 2012		DATE -	REVISED -										
CONTRACT NO. 64821													
ILLINOIS FED. AID PROJECT													



- LEGEND**
- DETECTABLE WARNING
 - DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 - LANDING
 - RAMP





NOTE:
GUTTER FLAG ON MEDIAN SHALL
BE REVERSE PITCHED TO DRAIN
AWAY FROM THE MEDIAN.

- LEGEND**
- DETECTABLE WARNING
 - DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 - LANDING
 - RAMP

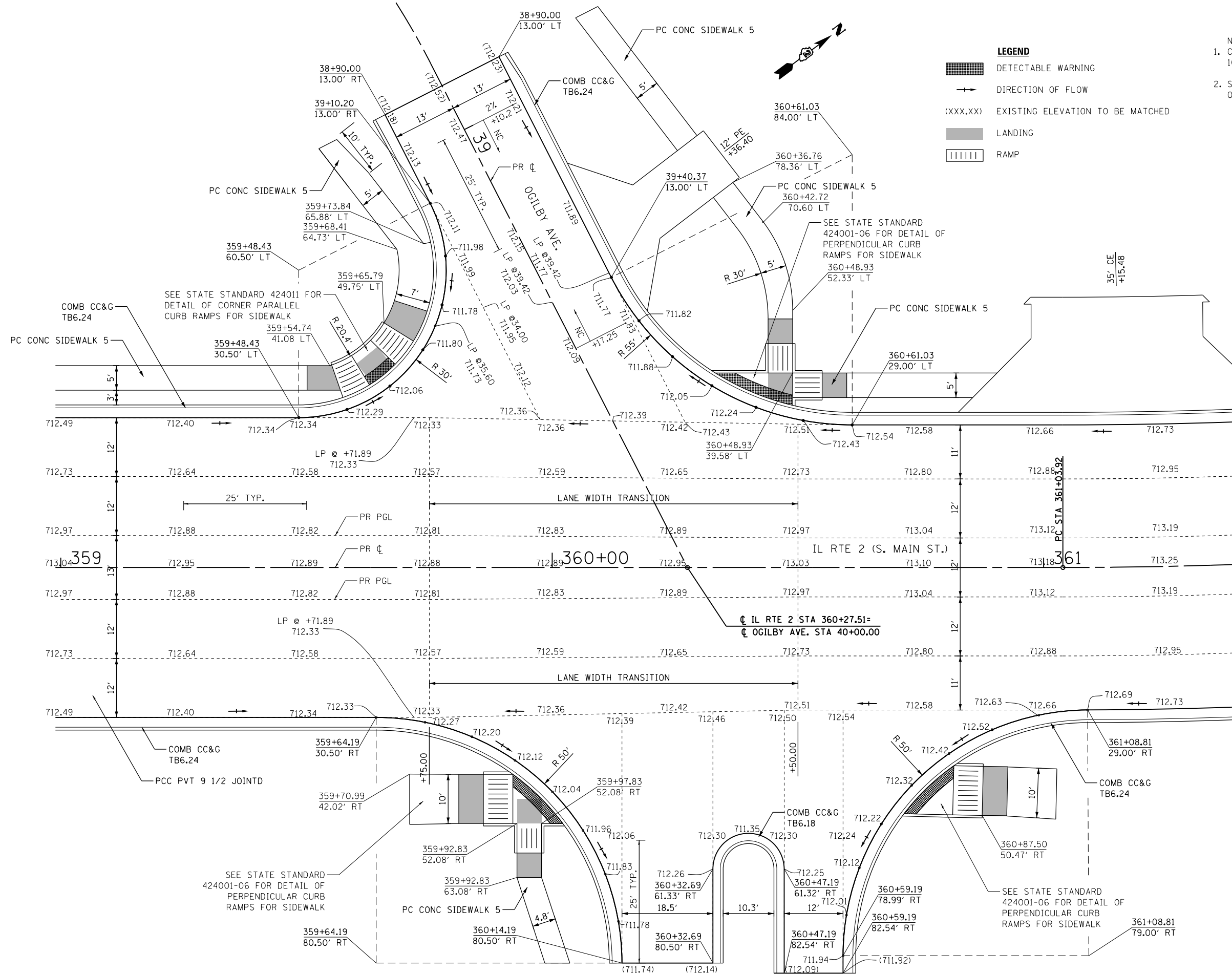
- NOTES:**
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 2. SEE STATE STANDARD 606301 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS.
 3. SEE STATE STANDARD 606306 FOR DETAILS OF CORRUGATED PC CONCRETE MEDIAN
 4. SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA
 5. SEE DISTRICT 2 STANDARD 71.4 FOR DETAILS OF CONCRETE STEPS
 6. SEE DISTRICT 2 STANDARD 4.1 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED (ISLAND SPECIAL).

DETAIL - CONCRETE MEDIAN (SPECIAL)
(NOT TO SCALE)

SEE DRIVEWAY DETAILS FOR
RIGHT-IN/RIGHT-OUT DETAIL

PCC PVT 9 1/2 JOINTD
COMB CC&G TB6.24

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL BLACKHAWK AVE.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 3 OF 26 SHEETS	STA.	TO STA.	742	(32,33) R-1	WINNEBAGO	705	376
		CHECKED -	REVISED -					CONTRACT NO. 64821					
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT					







LEGEND

- DETECTABLE WARNING
- DIRECTION OF FLOW
- (XXX.XX) EXISTING ELEVATION TO BE MATCHED
- LANDING
- RAMP

- NOTES:**
- CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 - SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL OGILBY AVE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILE#		DRAWN -	REVISED -			742	(32,33) R-1	WINNEBAGO	705	377	
PLOT SCALE = *SCALE*		CHECKED -	REVISED -			CONTRACT NO. 64821					
PLOT DATE = *DATE*		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: 1"=10'		SHEET NO. 4 OF 26 SHEETS		STA. TO STA.	

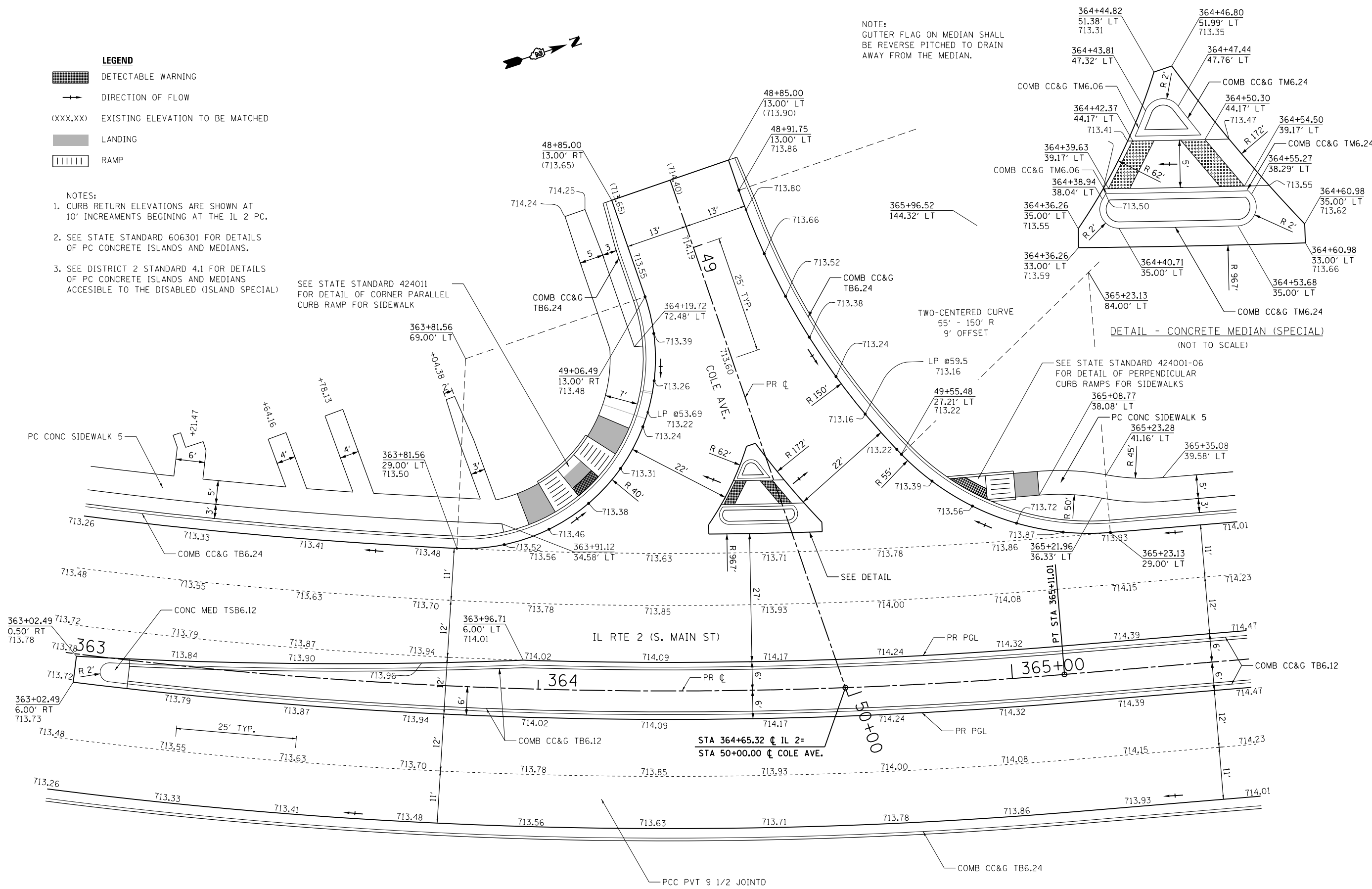
- LEGEND**
-  DETECTABLE WARNING
 -  DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 -  LANDING
 -  RAMP

- NOTES:**
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 2. SEE STATE STANDARD 606301 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS.
 3. SEE DISTRICT 2 STANDARD 4.1 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED (ISLAND SPECIAL)






SEE STATE STANDARD 424011 FOR DETAIL OF CORNER PARALLEL CURB RAMP FOR SIDEWALK

DETAIL - CONCRETE MEDIAN (SPECIAL)
(NOT TO SCALE)

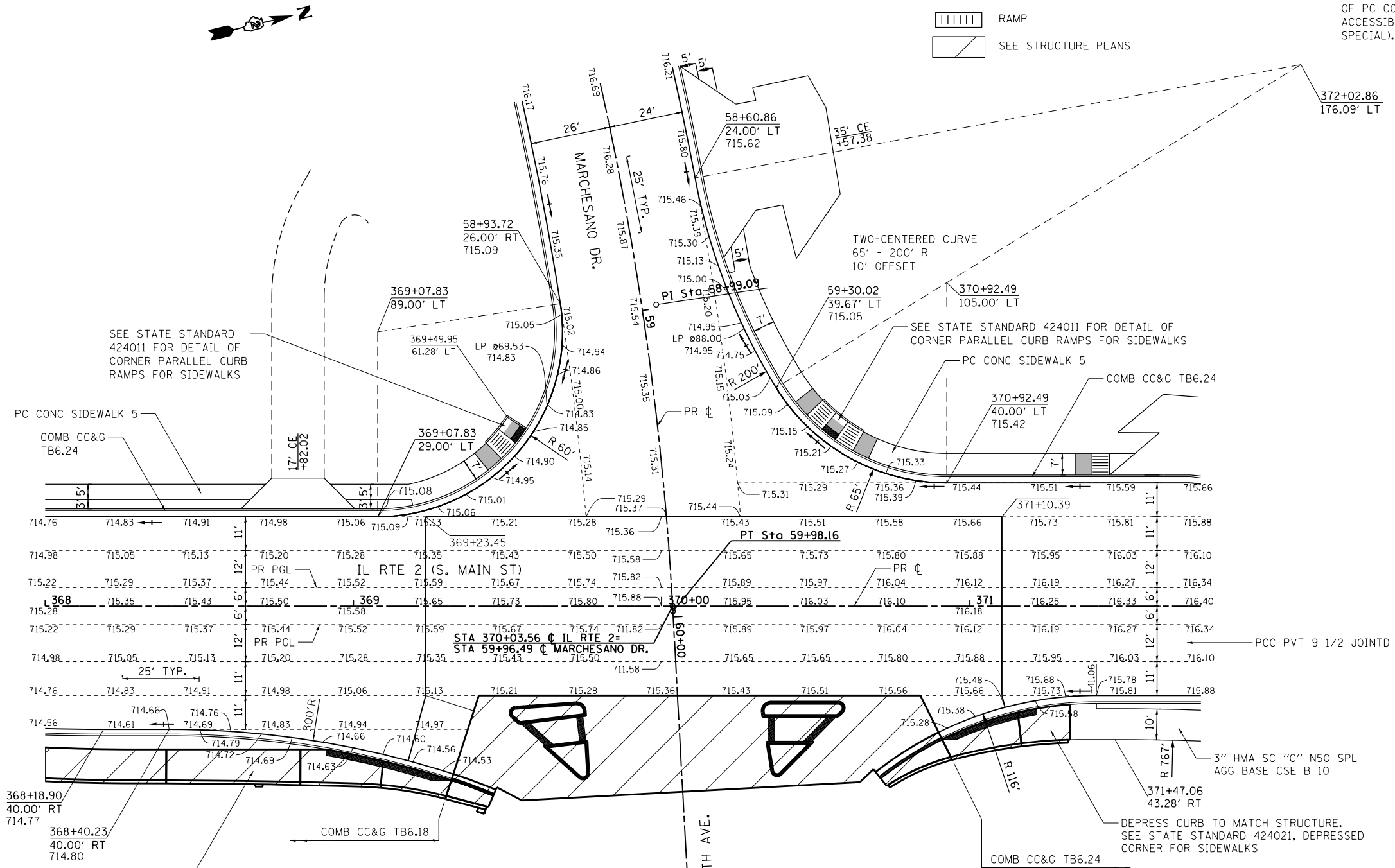
NOTE:
GUTTER FLAG ON MEDIAN SHALL BE REVERSE PITCHED TO DRAIN AWAY FROM THE MEDIAN.



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL COLE AVE.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILE#		DRAWN -	REVISED -		742	(32,33) R-1	WINNEBAGO	705	378				
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -		SCALE: 1" = 10'			SHEET NO. 5 OF 26 SHEETS		STA.	TO STA.	CONTRACT NO. 64821	
	PLOT DATE = *DATE*	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

- LEGEND**
-  DETECTABLE WARNING
 -  DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 -  LANDING
 -  RAMP
 -  SEE STRUCTURE PLANS

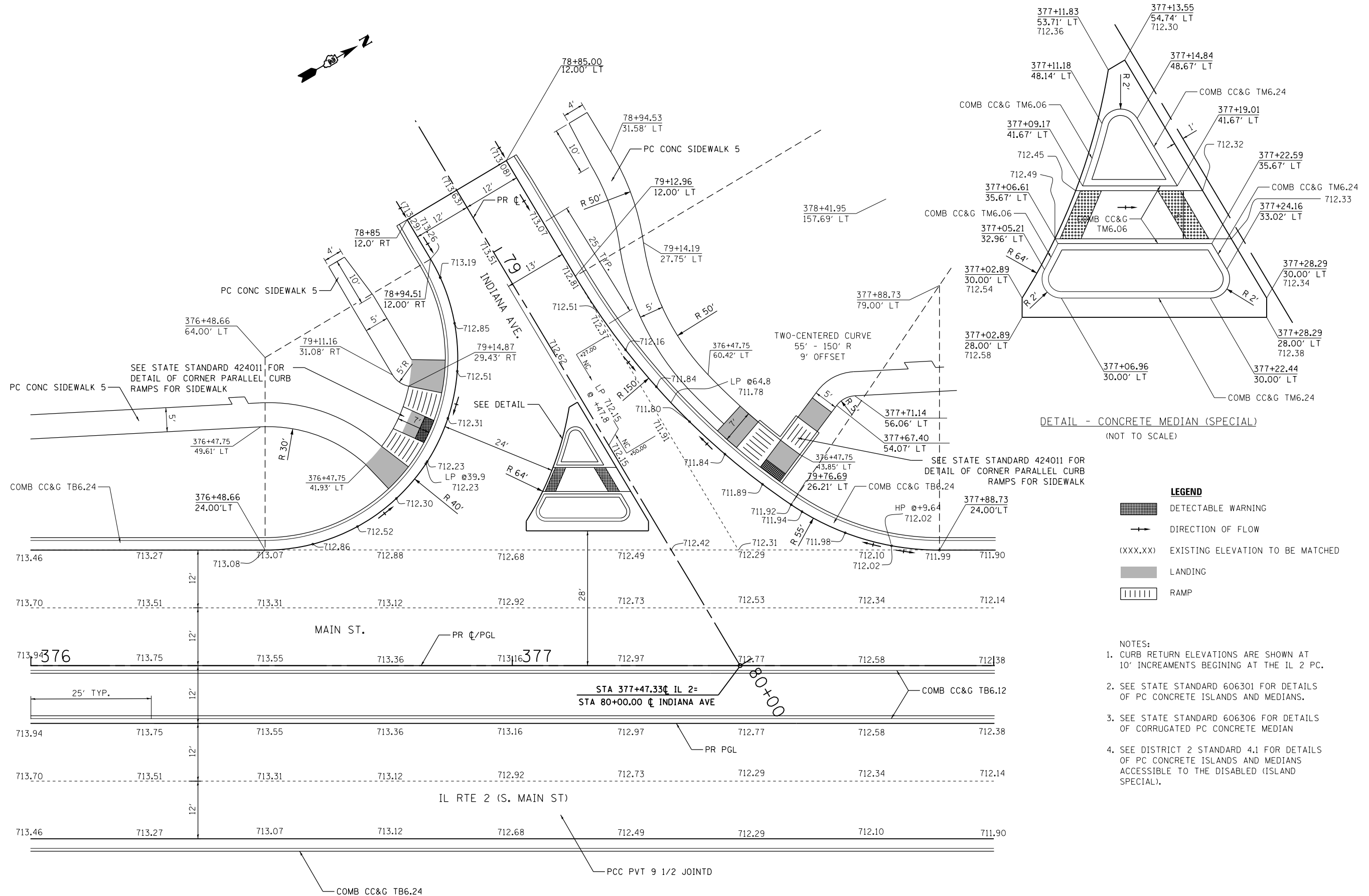
- NOTES:**
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 2. SEE STATE STANDARD 420401-08 FOR DETAILS OF BRIDGE APPROACH PAVEMENT CONNECTOR
 3. SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA
 4. SEE DISTRICT 2 STANDARD 4.1 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED (ISLAND SPECIAL).



CONSTRUCT SIDE CURB ALONG ROADWAY SIDE OF STRUCTURE MONOLITHICALLY WITH ROADWAY CURB AND GUTTER. SEE STATE STANDARD 424001, PERPENDICULAR CURB RAMPS FOR SIDEWALKS. THE SIDE CURB AT THIS LOCATION WILL NOT BE MEASURED FOR PAYMENT BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18.

FILE NAME =	USER NAME = \$USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL MARCHESANO DR./15TH ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILEL\$		DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO. 6 OF 26 SHEETS	STA.	TO STA.	742	(32,33) R-1	WINNEBAGO	705	379
		PLOT SCALE = \$SCALE*	REVISED -										
		PLOT DATE = \$DATE*	REVISED -										
ILLINOIS FED. AID PROJECT													

DETAIL "F"

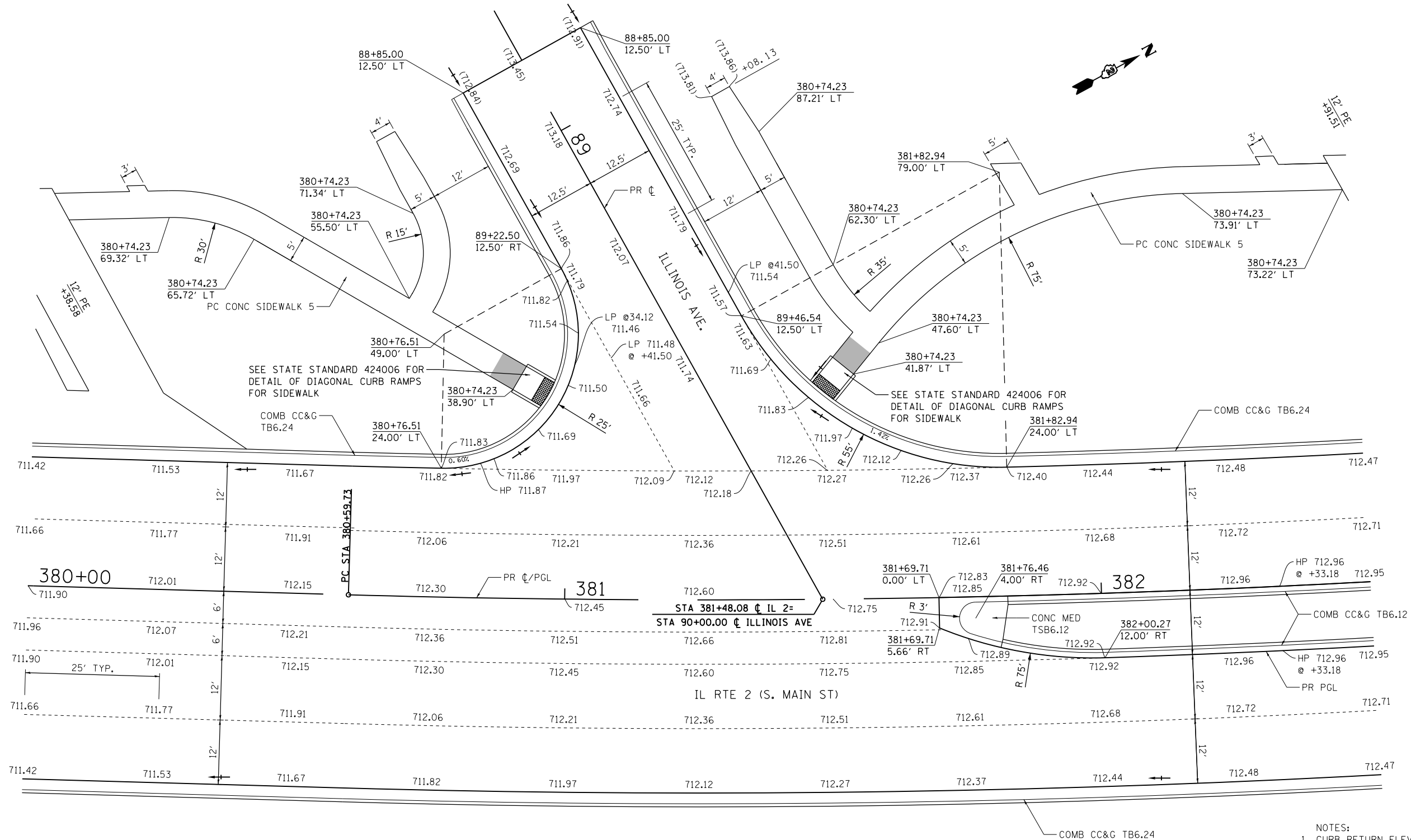


DETAIL - CONCRETE MEDIAN (SPECIAL)
(NOT TO SCALE)

- LEGEND**
- DETECTABLE WARNING
 - DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 - LANDING
 - RAMP

- NOTES:**
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 2. SEE STATE STANDARD 606301 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS.
 3. SEE STATE STANDARD 606306 FOR DETAILS OF CORRUGATED PC CONCRETE MEDIAN
 4. SEE DISTRICT 2 STANDARD 4.1 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED (ISLAND SPECIAL).

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL INDIANA AVE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILE#		DRAWN -	REVISED -		742	(32,33) R-1	WINNEBAGO	705	381			
PLOT SCALE = \$SCALE\$		CHECKED -	REVISED -		SCALE: 1"=10'			SHEET NO. 8 OF 26 SHEETS		STA.	TO STA.	CONTRACT NO. 64821
PLOT DATE = \$DATE\$		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							







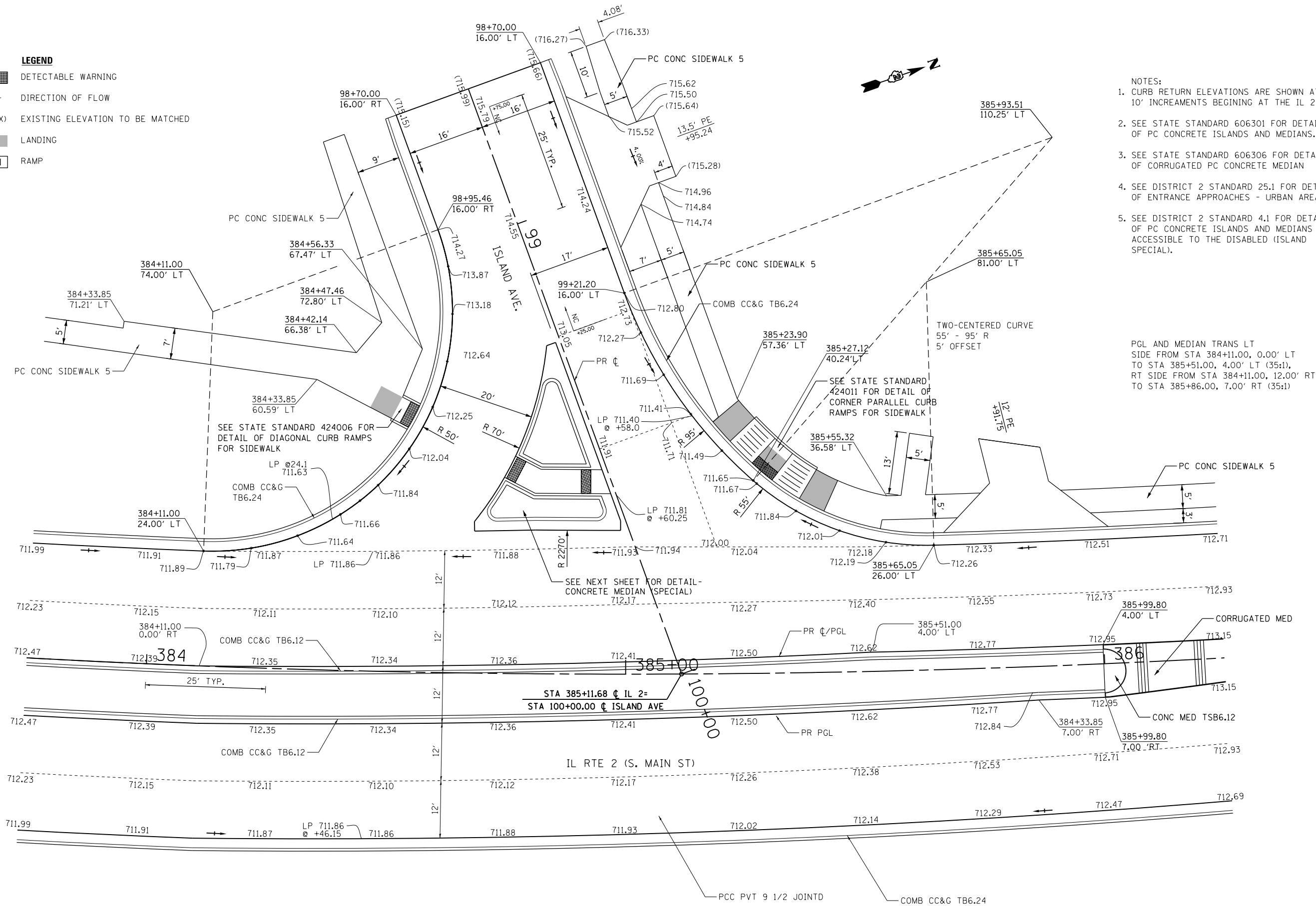
- NOTES:
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 2. SEE STATE STANDARD 606301 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS.
 3. SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA

LEGEND

- DETECTABLE WARNING
- DIRECTION OF FLOW
- (XXX.XX) EXISTING ELEVATION TO BE MATCHED
- LANDING
- RAMP

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL ILLINOIS AVE.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -		742	(32,33) R-1	WINNEBAGO	705	382	CONTRACT NO. 64821		
PLOT DATE = *DATE*	DATE -	REVISED -	REVISED -	SCALE: 1"=10'	SHEET NO. 9 OF 26 SHEETS	STA. 380+00	TO STA. 382+50	ILLINOIS FED. AID PROJECT				

- LEGEND**
-  DETECTABLE WARNING
 -  DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 -  LANDING
 -  RAMP



- NOTES:**
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 2. SEE STATE STANDARD 606301 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS.
 3. SEE STATE STANDARD 606306 FOR DETAILS OF CORRUGATED PC CONCRETE MEDIAN
 4. SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA
 5. SEE DISTRICT 2 STANDARD 4.1 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED (ISLAND SPECIAL).

PGL AND MEDIAN TRANS LT
 SIDE FROM STA 384+11.00, 0.00' LT
 TO STA 385+51.00, 4.00' LT (35:1),
 RT SIDE FROM STA 384+11.00, 12.00' RT
 TO STA 385+86.00, 7.00' RT (35:1)

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
 ISLAND AVE.**

FILE NAME =
 FILEL

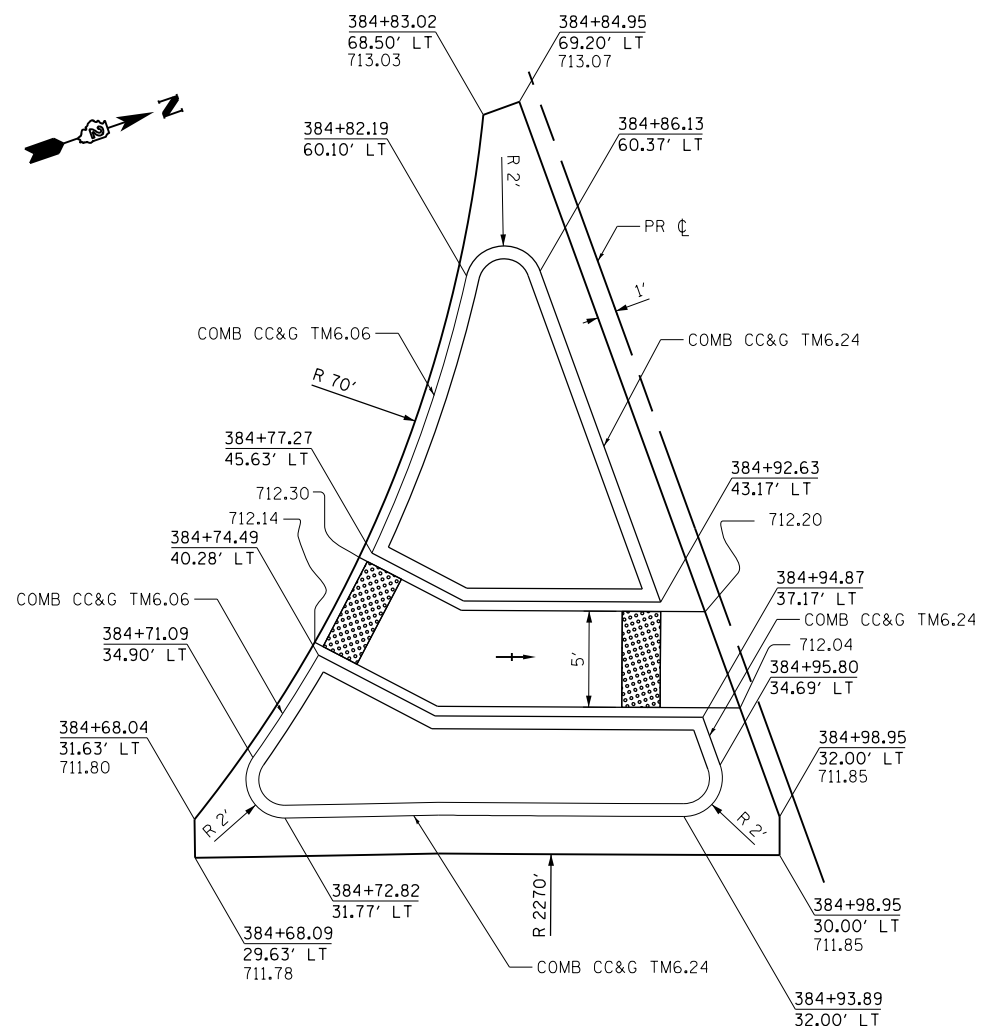
USER NAME = *USER*
 PLOT SCALE = *SCALE*
 PLOT DATE = *DATE*

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -





SCALE: 1"=10' SHEET NO. 10 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32,33) R-1	WINNEBAGO	705	383
CONTRACT NO. 64821				
ILLINOIS FED. AID PROJECT				

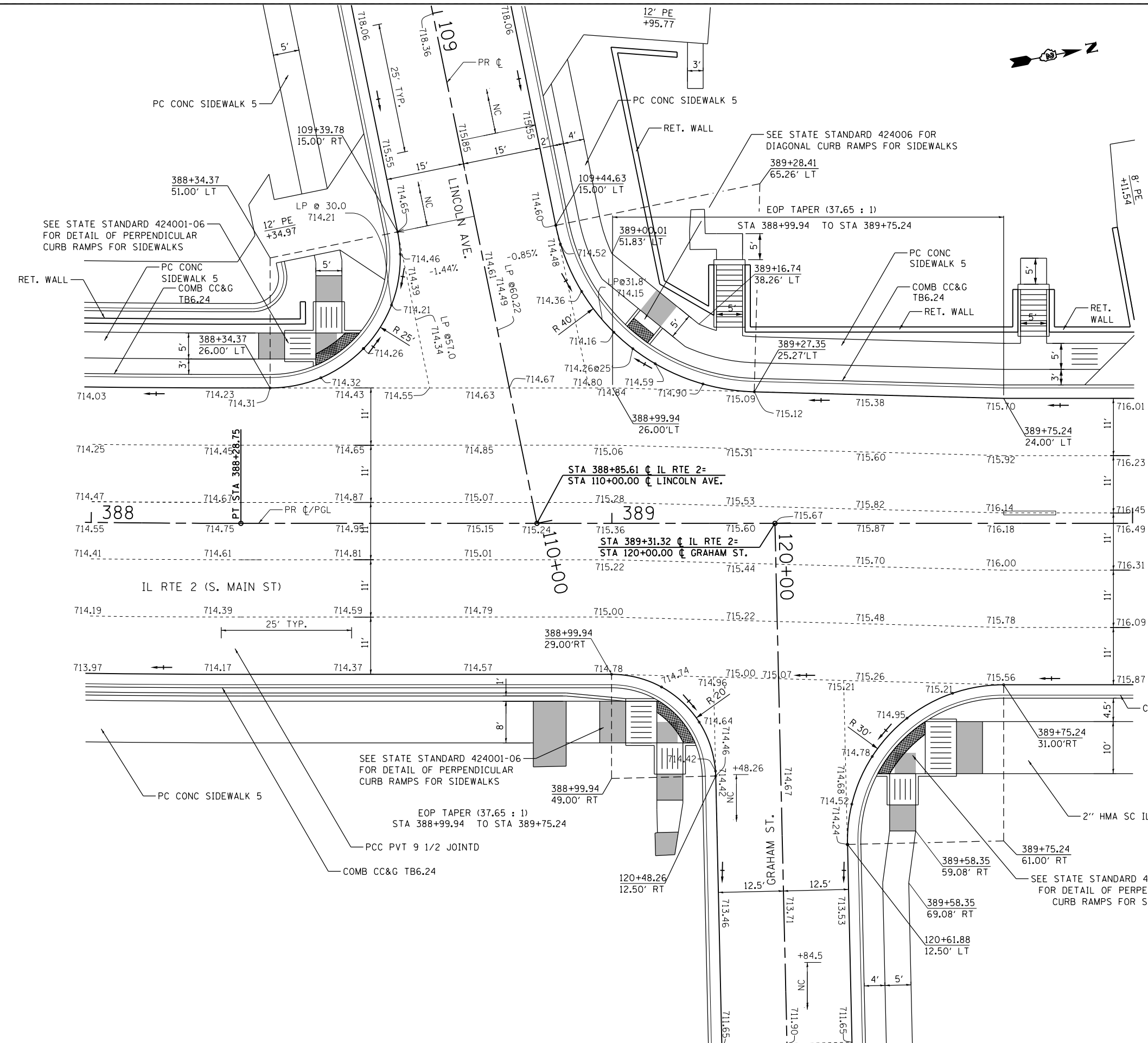






DETAIL - CONCRETE MEDIAN (SPECIAL)
(NOT TO SCALE)

- NOTES:
1. SEE STATE STANDARD 606301 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS.
 2. SEE DISTRICT 2 STANDARD 4.1 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED (ISLAND (SPECIAL)).

- LEGEND**
-  DETECTABLE WARNING
 -  DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 -  LANDING
 -  RAMP

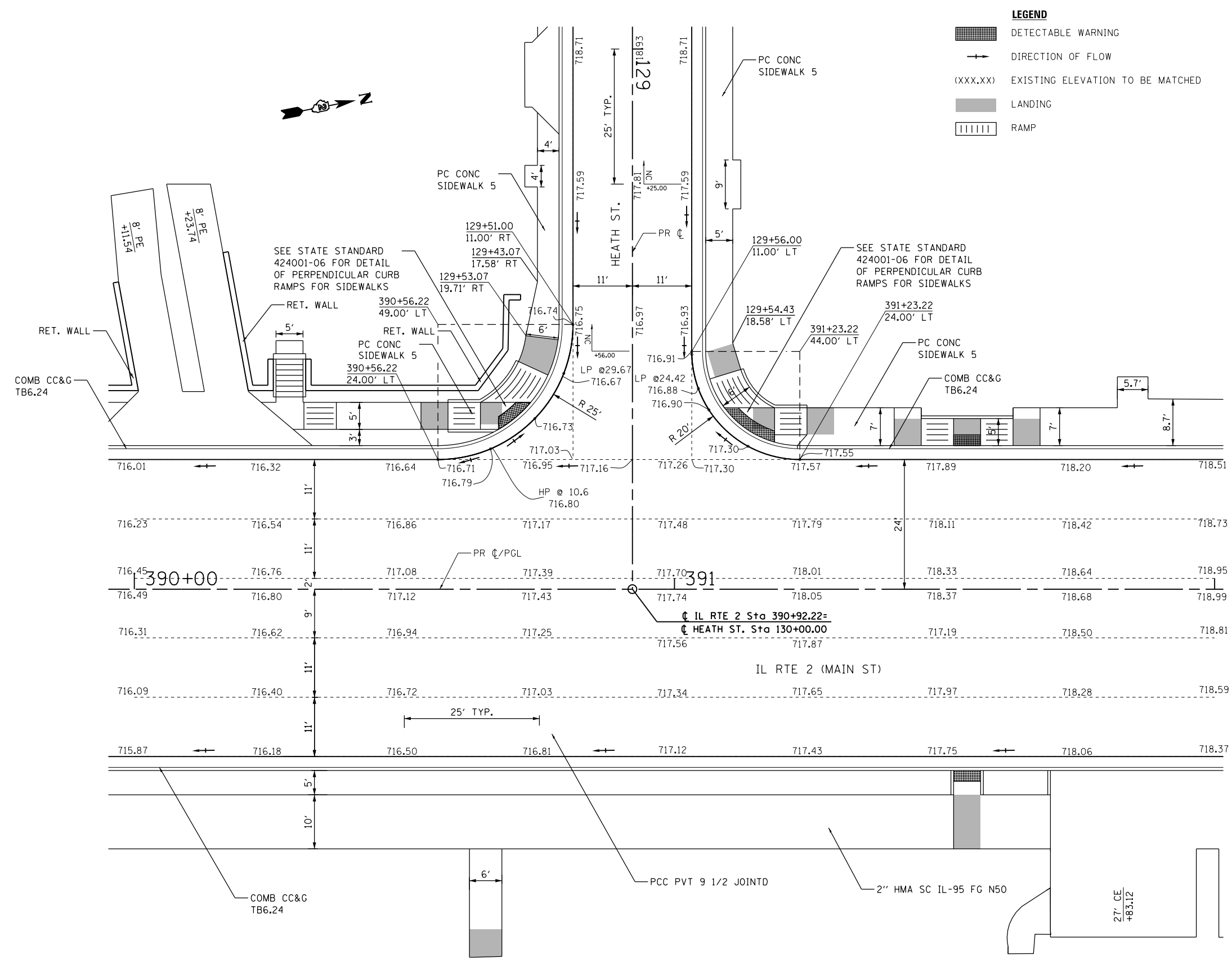
FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL ISLAND AVE.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO. 11 OF 26 SHEETS	STA.	TO STA.	742	(32,33) R-1	WINNEBAGO	705	384
		CHECKED -	REVISED -					CONTRACT NO. 64821			ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -										








- LEGEND**
-  DETECTABLE WARNING
 -  DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 -  LANDING
 -  RAMP

- NOTES:**
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 2. SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA
 3. SEE DISTRICT 2 STANDARD 71.4 FOR DETAILS OF CONCRETE STEPS
 4. SEE SHEET SEGMENTAL BLOCK WALL DETAIL - IL 2 LT, FROM ISLAND TO LINCOLN AND SHEET SEGMENTAL BLOCK WALL DETAIL - IL 2 LT, FROM LINCOLN TO HEATH (WEST LEG) FOR RETAINING WALL DETAILS

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL LINCOLN AVE/GRAHAM ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE: 1"=10'	SHEET NO. 12 OF 26 SHEETS	STA.	TO STA.	742	(32,33) R-1	WINNEBAGO	705	385
		CHECKED -	REVISED -		CONTRACT NO. 64821								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								







LEGEND

-  DETECTABLE WARNING
-  DIRECTION OF FLOW
-  (XXX.XX) EXISTING ELEVATION TO BE MATCHED
-  LANDING
-  RAMP

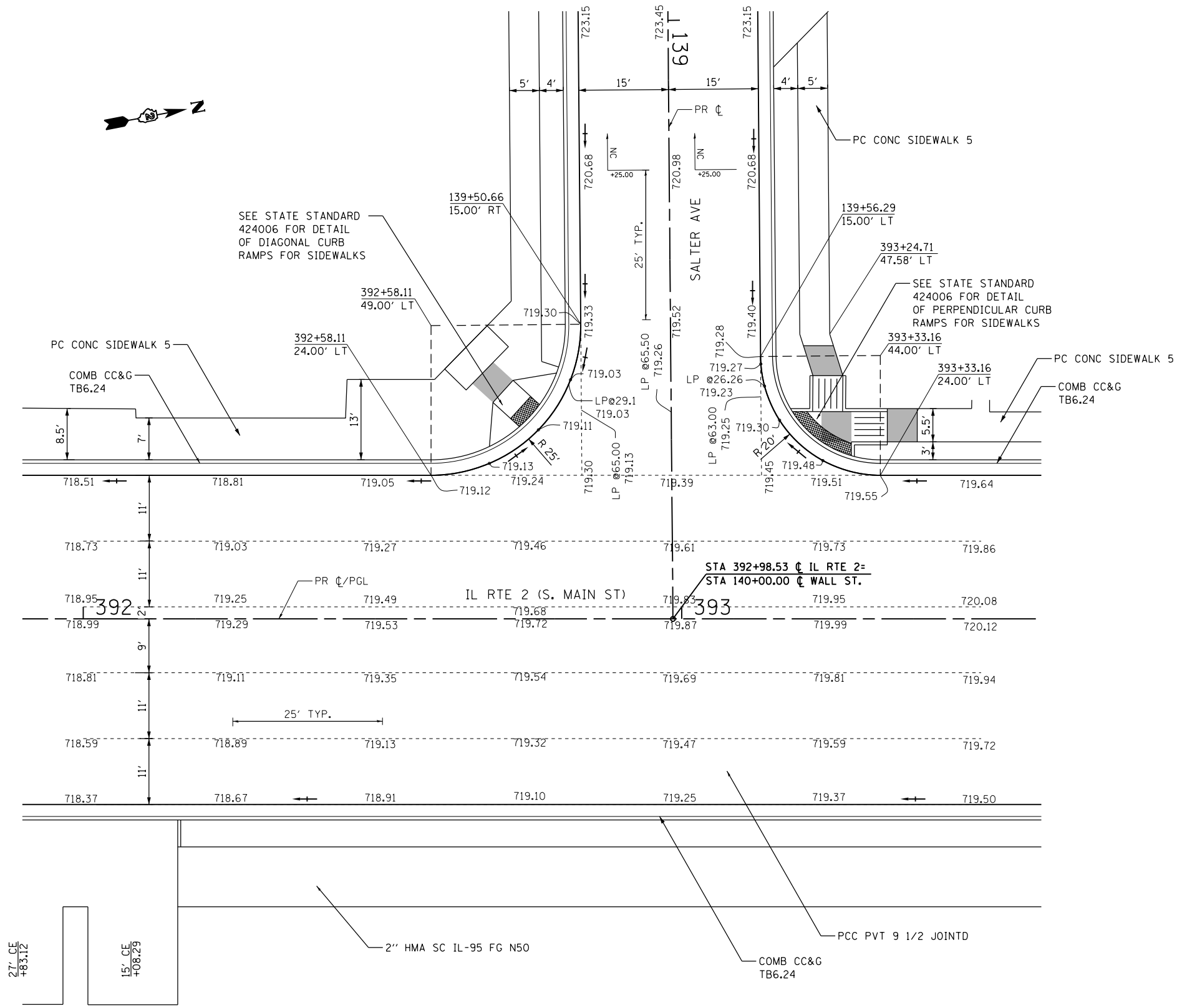
NOTES:

1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINING AT THE IL 2 PC.
2. SEE SHEET SEGMENTAL BLOCK WALL DETAIL - IL 2 LT, FROM LINCOLN TO HEATH (WEST LEG) FOR RETAINING WALLS DETAILS
3. SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA
4. SEE DISTRICT 2 STANDARD 71.4 FOR DETAILS OF CONCRETE STEPS

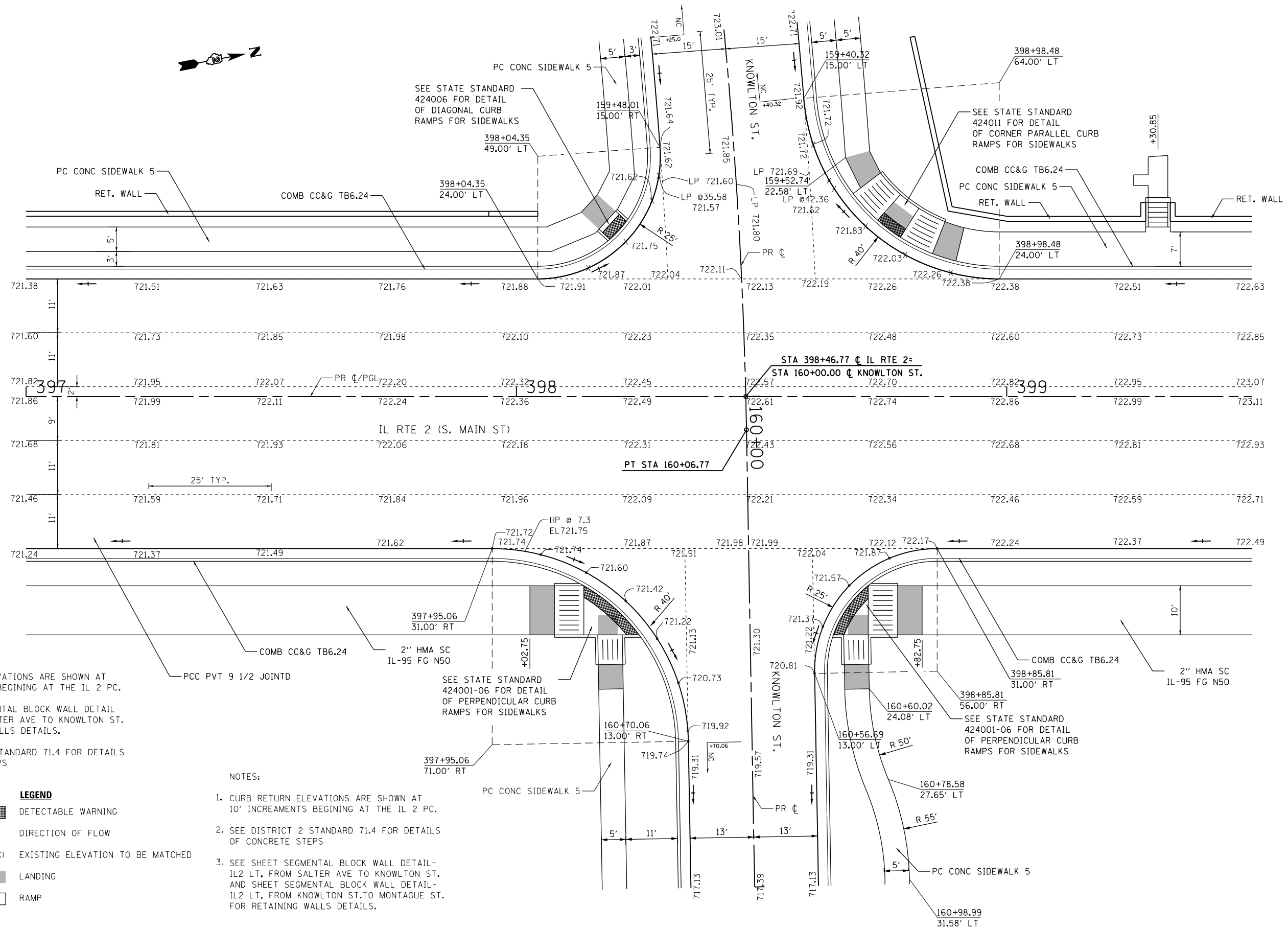
FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL HEATH ST.			F.A.P. RTE. = 742	SECTION = (32,33) R-1	COUNTY = WINNEBAGO	TOTAL SHEETS = 705	SHEET NO. = 386
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -		SCALE: 1"=10'	SHEET NO. 13 OF 26 SHEETS	STA. TO STA.	CONTRACT NO. 64821				
PLOT DATE = *DATE*	DATE -	DATE -	DATE -				ILLINOIS FED. AID PROJECT					

- LEGEND**
-  DETECTABLE WARNING
 -  DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 -  LANDING
 -  RAMP

- NOTES:**
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 2. SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA



FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL SALTER ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE: 1"=10'	SHEET NO. 14 OF 26 SHEETS	STA.	TO STA.	742	(32,33) R-1	WINNEBAGO	705	387
		CHECKED -	REVISED -					CONTRACT NO. 64821			ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -										

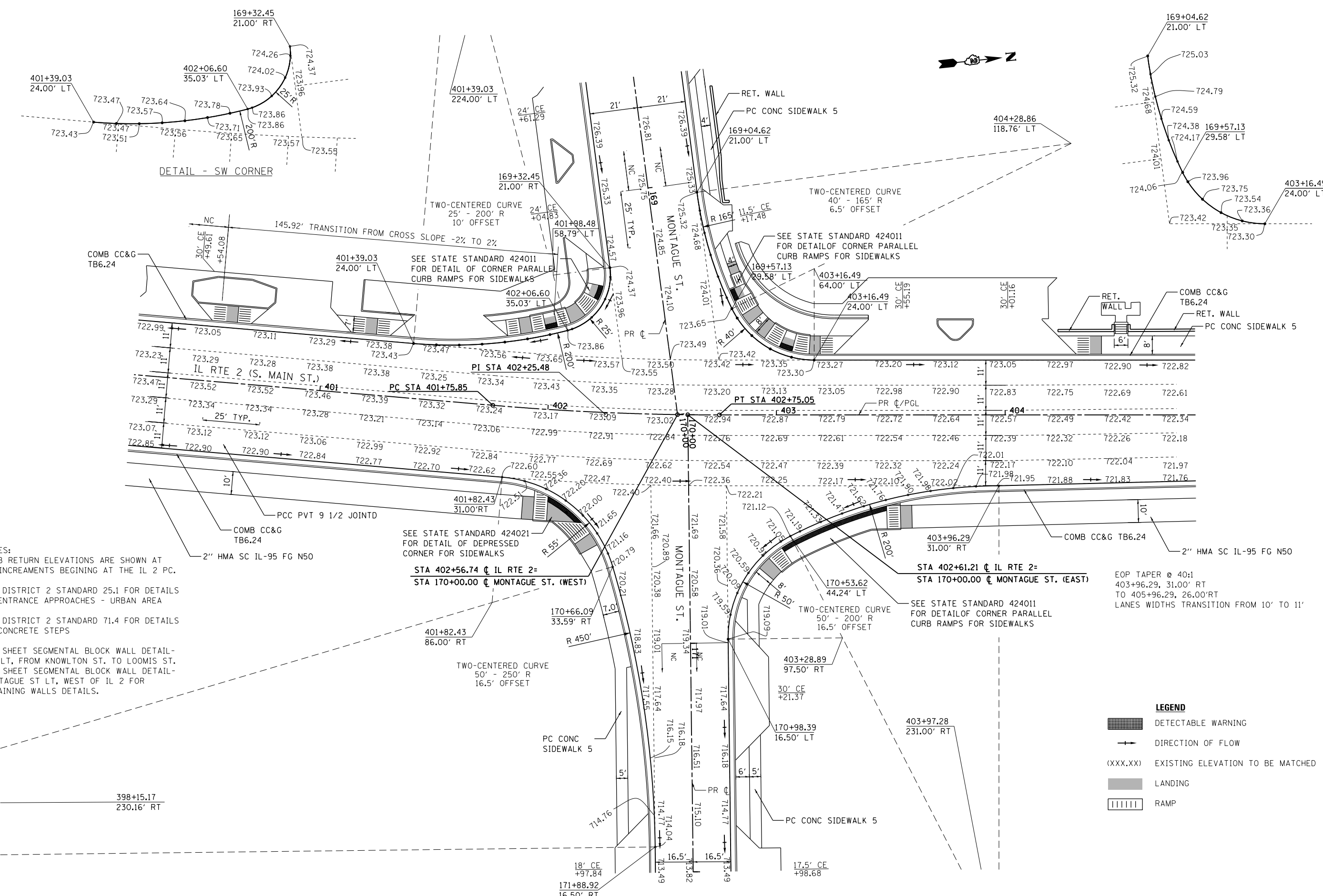


NOTES:
 CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 SEE SHEET SEGMENTAL BLOCK WALL DETAIL- IL2 LT, FROM SALTER AVE TO KNOWLTON ST. FOR RETAINING WALLS DETAILS.
 SEE DISTRICT 2 STANDARD 71.4 FOR DETAILS OF CONCRETE STEPS

- LEGEND**
- DETECTABLE WARNING
 - DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 - LANDING
 - RAMP

- NOTES:
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 2. SEE DISTRICT 2 STANDARD 71.4 FOR DETAILS OF CONCRETE STEPS
 3. SEE SHEET SEGMENTAL BLOCK WALL DETAIL- IL2 LT, FROM SALTER AVE TO KNOWLTON ST. AND SHEET SEGMENTAL BLOCK WALL DETAIL- IL2 LT, FROM KNOWLTON ST. TO MONTAGUE ST. FOR RETAINING WALLS DETAILS.

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL KNOWLTON ST.			F.A.P. RTE. 742	SECTION (32, 33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 389
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -		SCALE: 1"=10'	SHEET NO. 16 OF 26 SHEETS	STA.	TO STA.	CONTRACT NO. 64821			
	PLOT DATE = #DATE#	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



DETAIL - SW CORNER

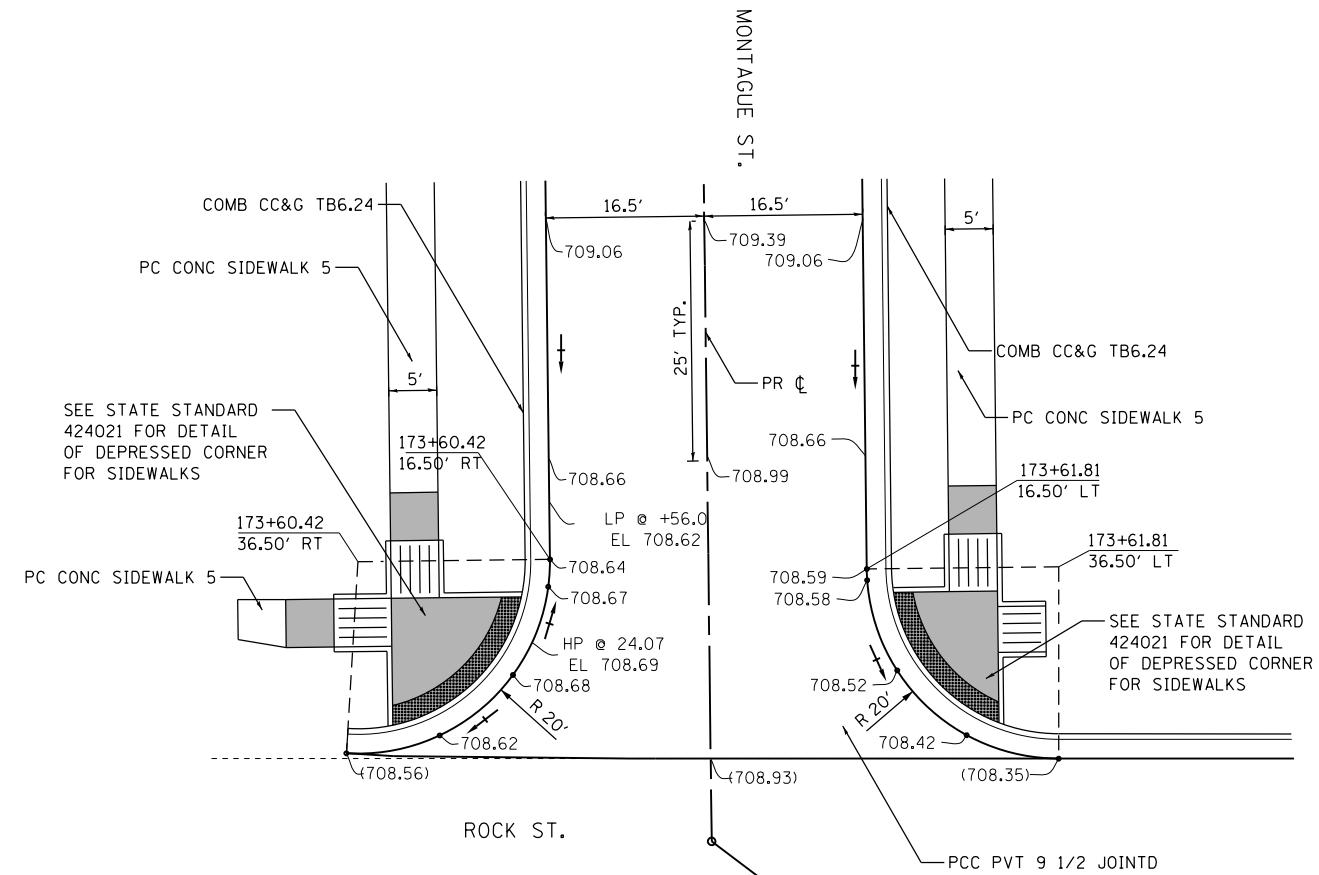
NOTES:

1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
2. SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA
3. SEE DISTRICT 2 STANDARD 71.4 FOR DETAILS OF CONCRETE STEPS
4. SEE SHEET SEGMENTAL BLOCK WALL DETAIL- IL2 LT, FROM KNOWLTON ST. TO LOOMIS ST. AND SHEET SEGMENTAL BLOCK WALL DETAIL- MONTAGUE ST LT, WEST OF IL 2 FOR RETAINING WALLS DETAILS.

LEGEND

- DETECTABLE WARNING
- DIRECTION OF FLOW
- (XXX.XX) EXISTING ELEVATION TO BE MATCHED
- LANDING
- RAMP





FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL MONTAGUE ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO. 17 OF 26 SHEETS	STA.	TO STA.	742	(32,33) R-1	WINNEBAGO	705
PLOT DATE = #DATE#	CHECKED -	DATE -	REVISED -								CONTRACT NO. 64821	
								ILLINOIS FED. AID PROJECT				



POT Sta 173+90.00

NOTES:
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.

LEGEND

-  DETECTABLE WARNING
-  DIRECTION OF FLOW
- (XXX.XX) EXISTING ELEVATION TO BE MATCHED
-  LANDING
-  RAMP

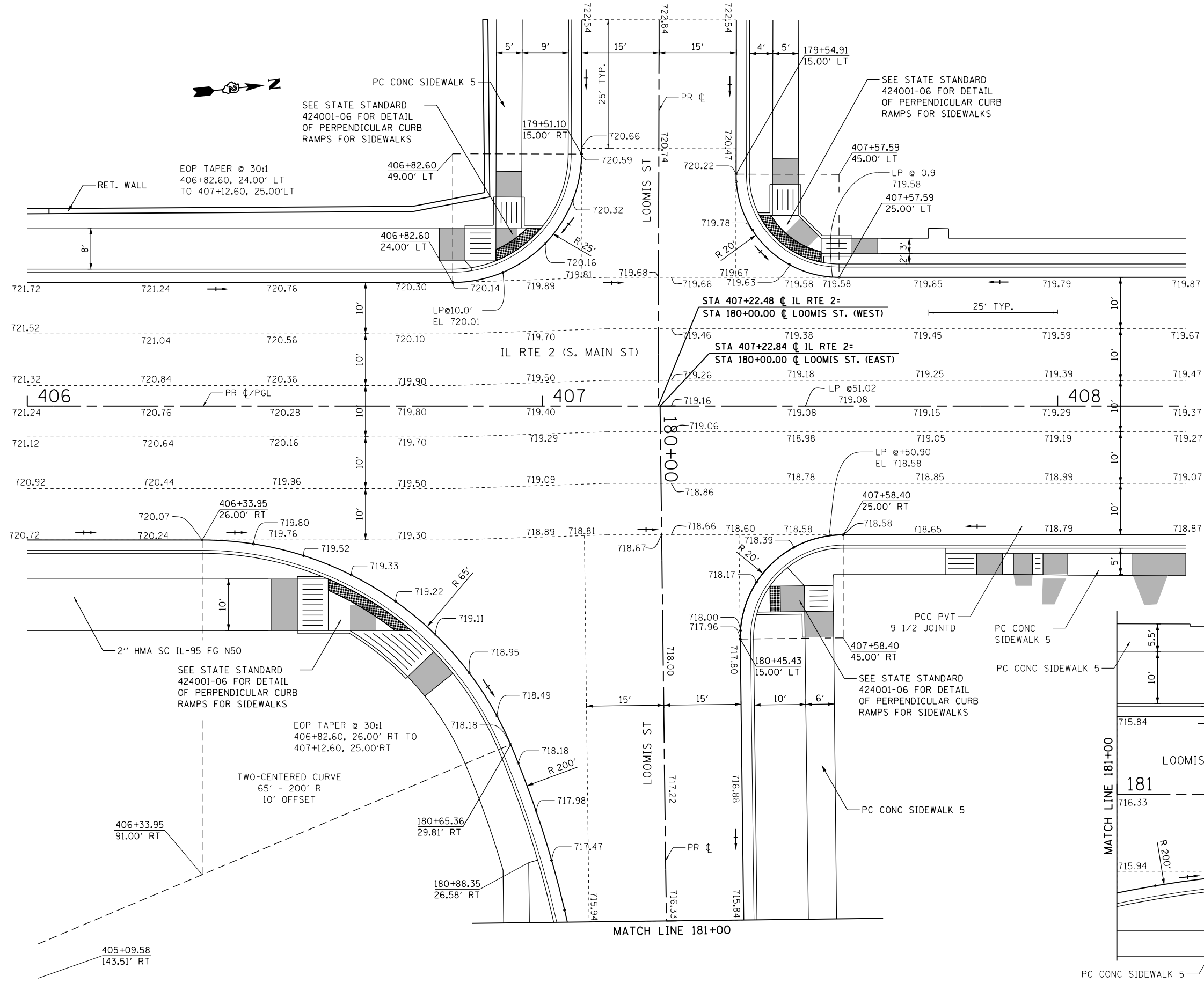
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#FILE#		DRAWN -	REVISED -
	PLOT SCALE = #SCALE*	CHECKED -	REVISED -
	PLOT DATE = #DATE*	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
MONTAGUE ST./ROCK ST.**

SCALE: 1"=10' SHEET NO. 18 OF 26 SHEETS STA. TO STA.

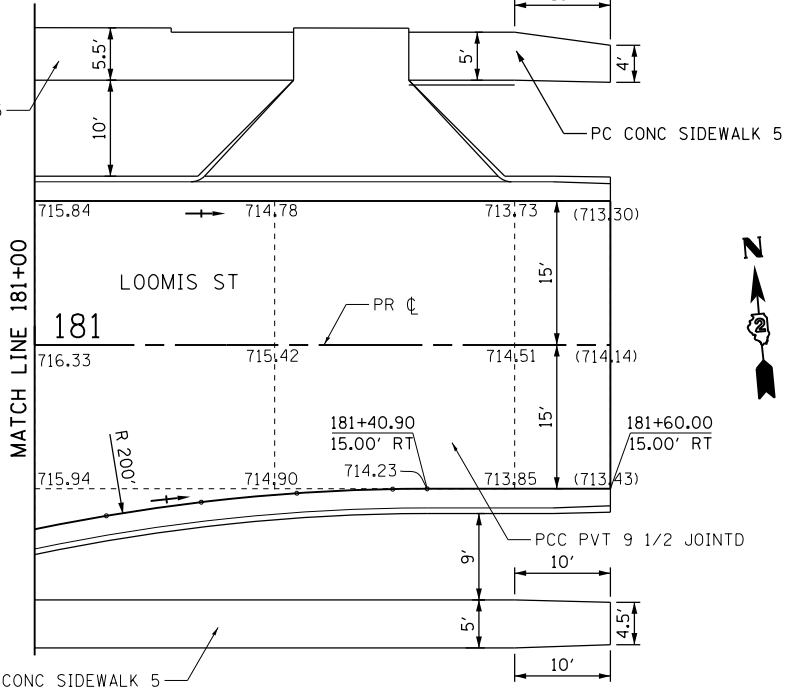
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32,33)-R-1	WINNEBAGO	705	391
CONTRACT NO. 64821				
ILLINOIS FED. AID PROJECT				



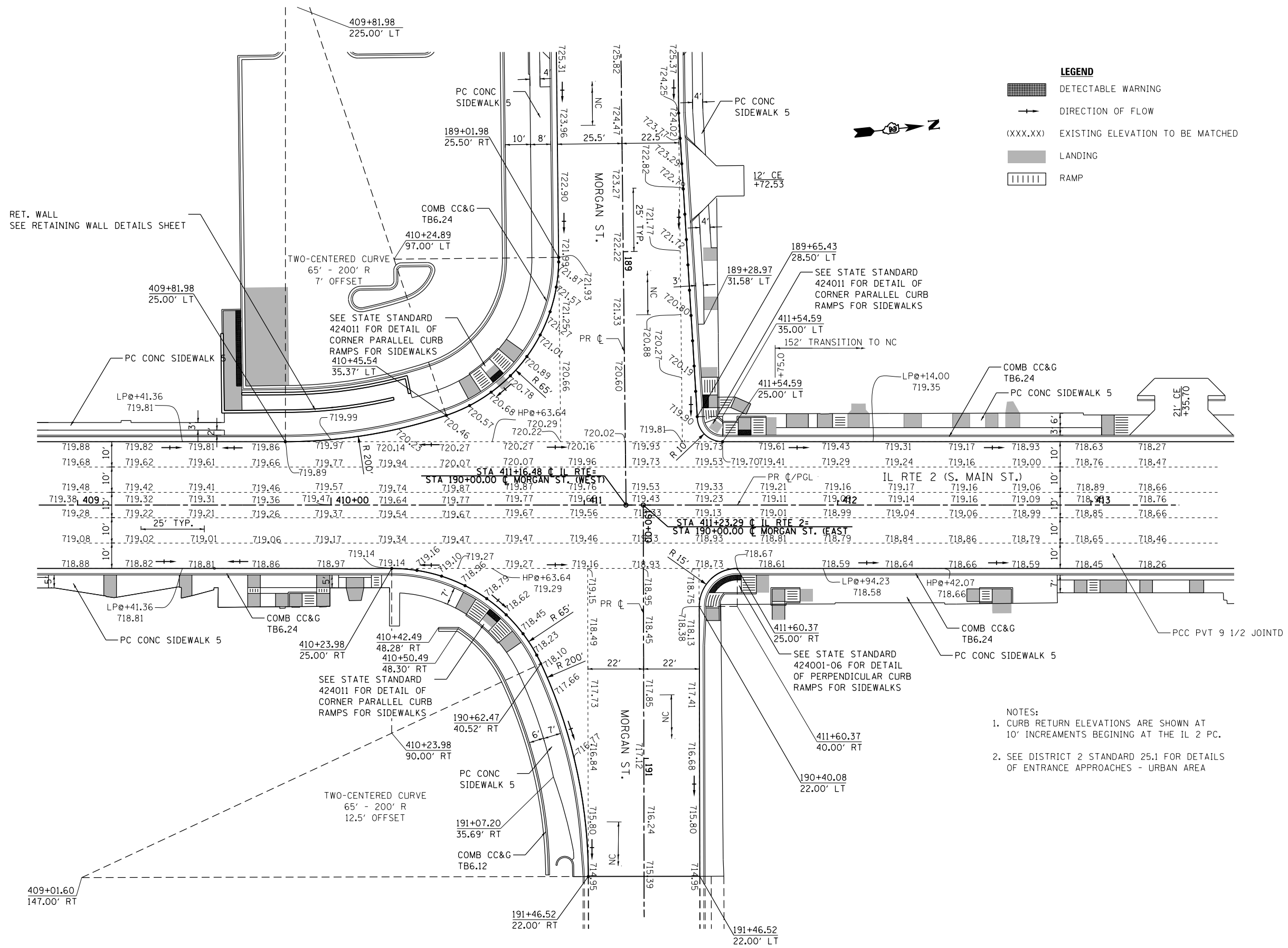
LEGEND

- DETECTABLE WARNING
- DIRECTION OF FLOW
- (XXX.XX) EXISTING ELEVATION TO BE MATCHED
- LANDING
- RAMP

- NOTES:**
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 2. SEE SHEET SEGMENTAL BLOCK WALL DETAIL- IL 2 LT, FROM KNOWLTON ST. TO LOOMIS ST. FOR RETAINING WALLS DETAILS.
 3. SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA



FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL LOOMIS ST.			F.A.P. RTE. 742	SECTION (32,33) R-1	COUNTY WINNEBAGO	TOTAL SHEETS 705	SHEET NO. 392
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -		SCALE: 1"=10'	SHEET NO. 19 OF 26 SHEETS	STA.	TO STA.	CONTRACT NO. 64821			
	PLOT DATE = *DATE*	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



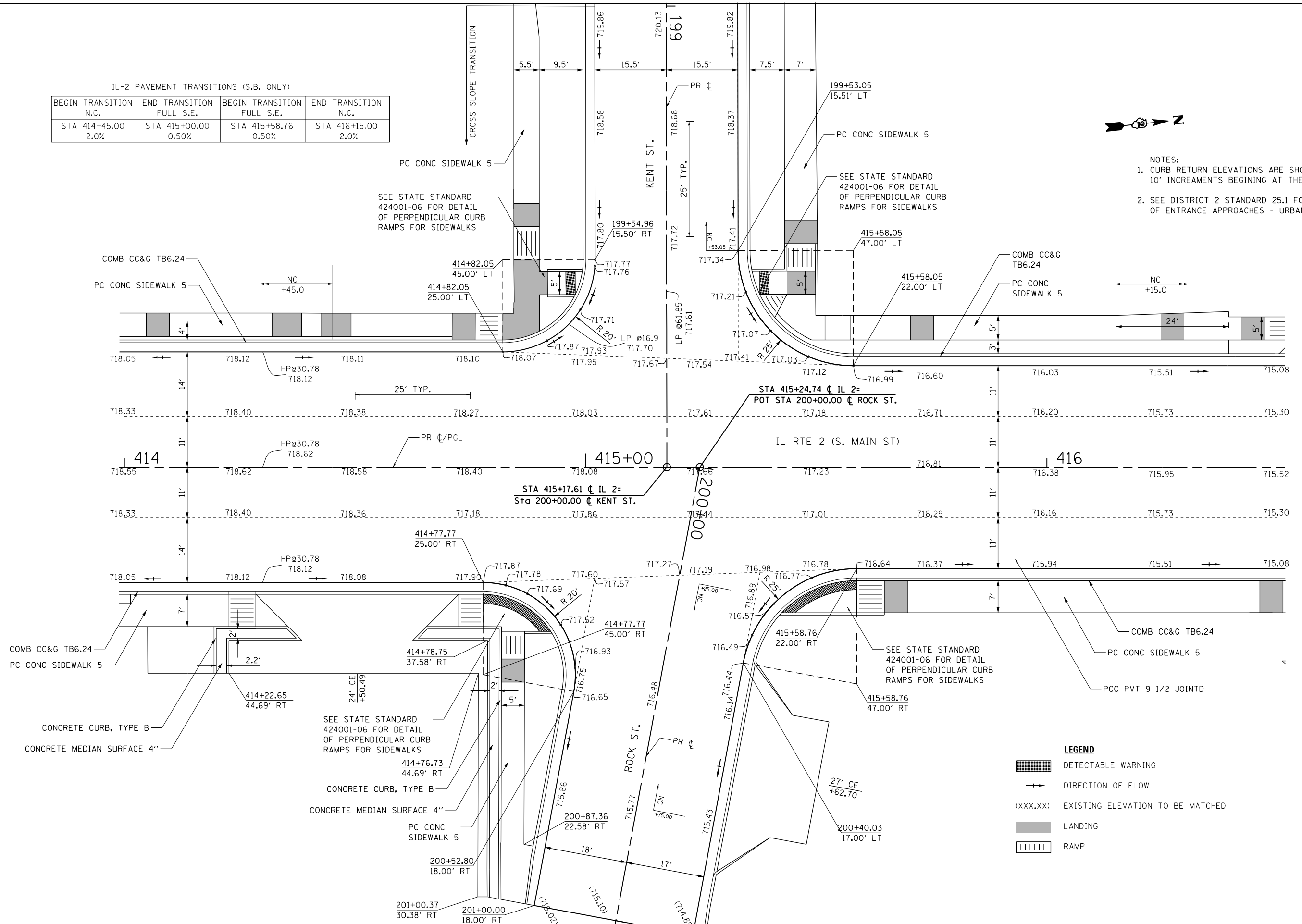
FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL MORGAN ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO. 20 OF 26 SHEETS	STA.	TO STA.	742	(32,33) R-1	WINNEBAGO	705	393
		CHECKED -	REVISED -						CONTRACT NO. 64821				
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

IL-2 PAVEMENT TRANSITIONS (S.B. ONLY)

BEGIN TRANSITION N.C.	END TRANSITION FULL S.E.	BEGIN TRANSITION FULL S.E.	END TRANSITION N.C.
STA 414+45.00 -2.0%	STA 415+00.00 -0.50%	STA 415+58.76 -0.50%	STA 416+15.00 -2.0%



- NOTES:
- CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 - SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA



- LEGEND**
- DETECTABLE WARNING
 - DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 - LANDING
 - RAMP

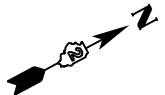
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#FILE#		DRAWN -	REVISED -
	PLOT SCALE = #SCALE*	CHECKED -	REVISED -
	PLOT DATE = #DATE*	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
KENT ST./ROCK ST.

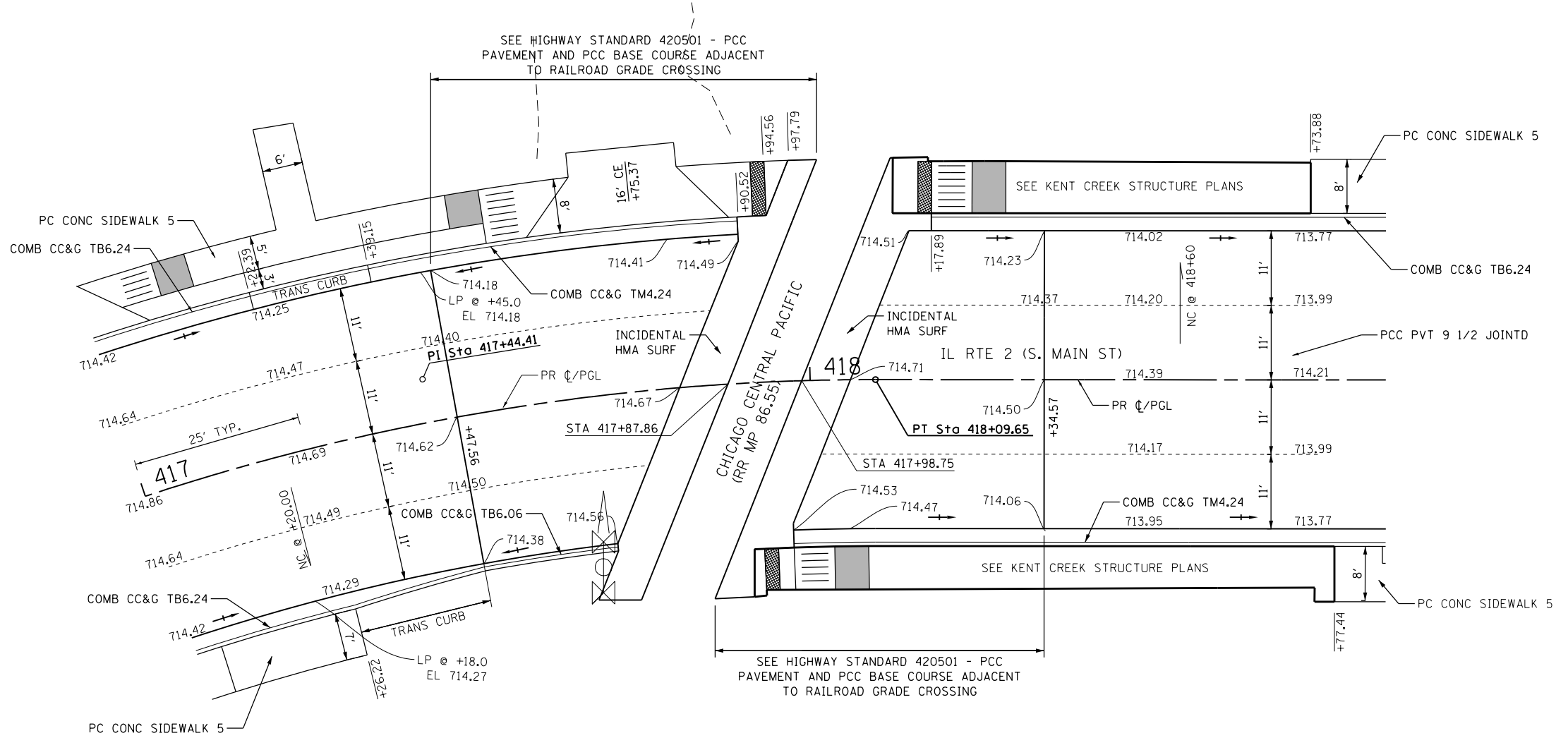
SCALE: 1"=10' SHEET NO. 21 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32,33) R-1	WINNEBAGO	705	394
CONTRACT NO. 64821			ILLINOIS FED. AID PROJECT	



- LEGEND**
- DETECTABLE WARNING
 - DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 - LANDING
 - RAMP






NOTES:
 1. SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA

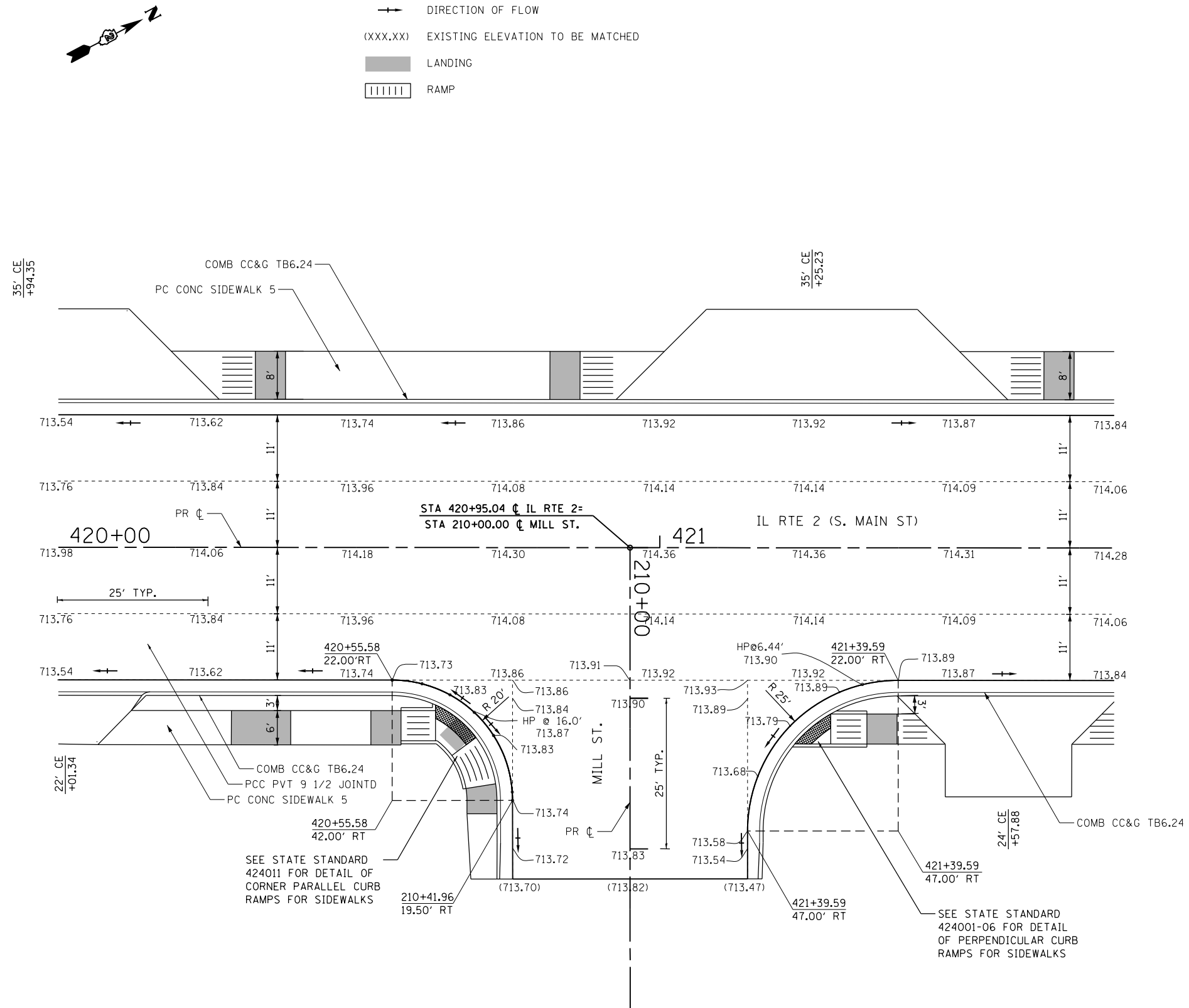


FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL CHICAGO CENTRAL PACIFIC RAILROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILE#		DRAWN -	REVISED -		SCALE: 1"=10'	SHEET NO. 22 OF 26 SHEETS	STA.	TO STA.	742	(32,33) R-1	WINNEBAGO	705	395
		CHECKED -	REVISED -					CONTRACT NO. 64821			ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -										

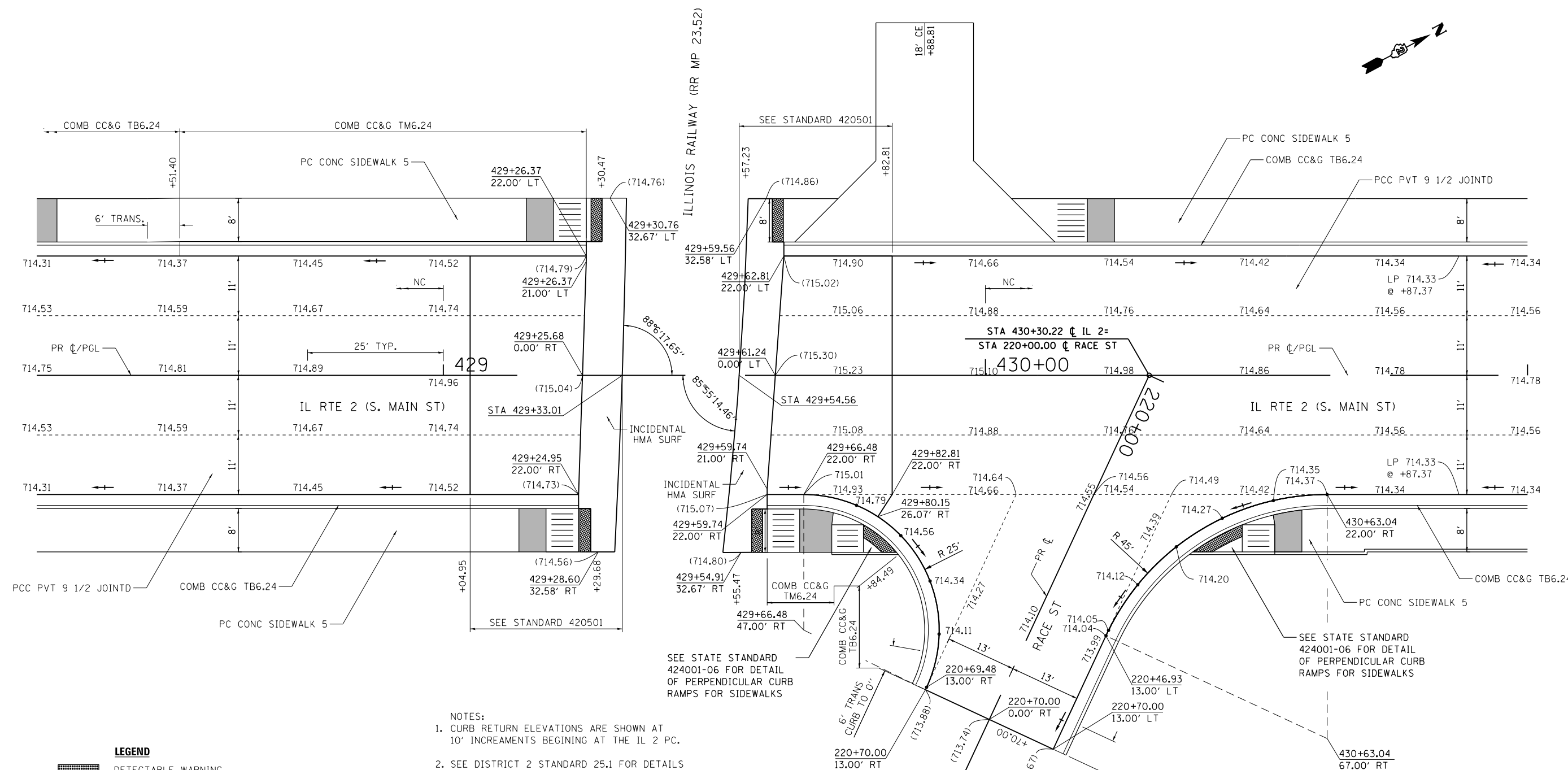
- NOTES:
- CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 - SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA





LEGEND

-  DETECTABLE WARNING
-  DIRECTION OF FLOW
-  (XXX.XX) EXISTING ELEVATION TO BE MATCHED
-  LANDING
-  RAMP



FILE NAME =	USER NAME = \$USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL MILL ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN -	REVISED -		742	(32,33) R-1	WINNEBAGO	705	396				
		CHECKED -	REVISED -		SCALE: 1"=10'			SHEET NO. 23 OF 26 SHEETS		STA.	TO STA.	CONTRACT NO. 64821	
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



- LEGEND**
-  DETECTABLE WARNING
 -  DIRECTION OF FLOW
 - (XXX.XX) EXISTING ELEVATION TO BE MATCHED
 -  LANDING
 -  RAMP

- NOTES:**
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 2. SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL RACE ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE: 1" = 10'	SHEET NO. 24 OF 26 SHEETS	STA.	TO STA.	742	(32,33) R-1	WINNEBAGO	705	397
		CHECKED -	REVISED -					CONTRACT NO. 64821			ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -										

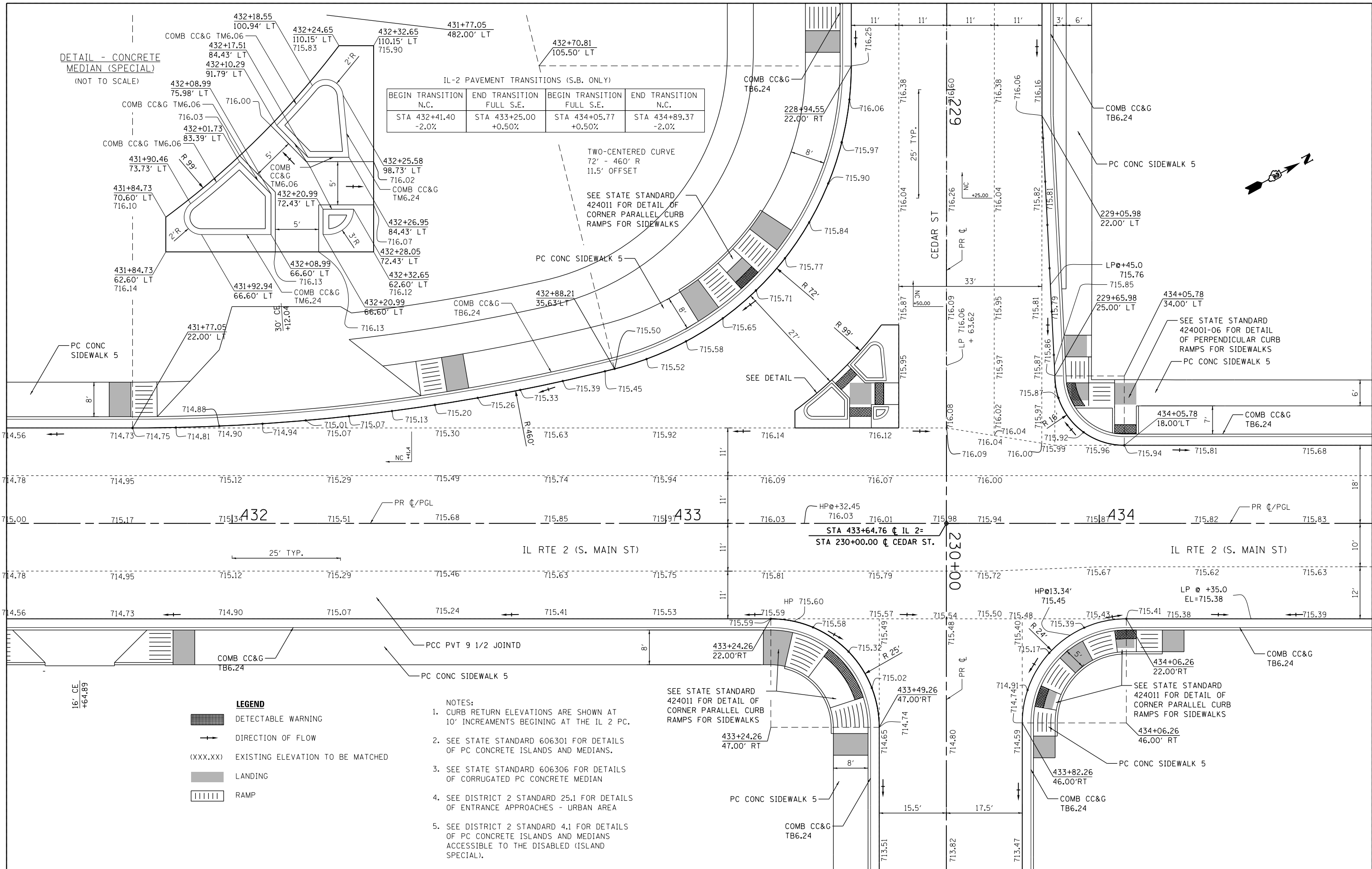
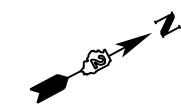
DETAIL - CONCRETE
MEDIAN (SPECIAL)
(NOT TO SCALE)

IL-2 PAVEMENT TRANSITIONS (S.B. ONLY)

BEGIN TRANSITION N.C.	END TRANSITION FULL S.E.	BEGIN TRANSITION FULL S.E.	END TRANSITION N.C.
STA 432+41.40	STA 433+25.00	STA 434+05.77	STA 434+89.37
-2.0%	+0.50%	+0.50%	-2.0%

TWO-CENTERED CURVE
72' - 460' R
11.5' OFFSET

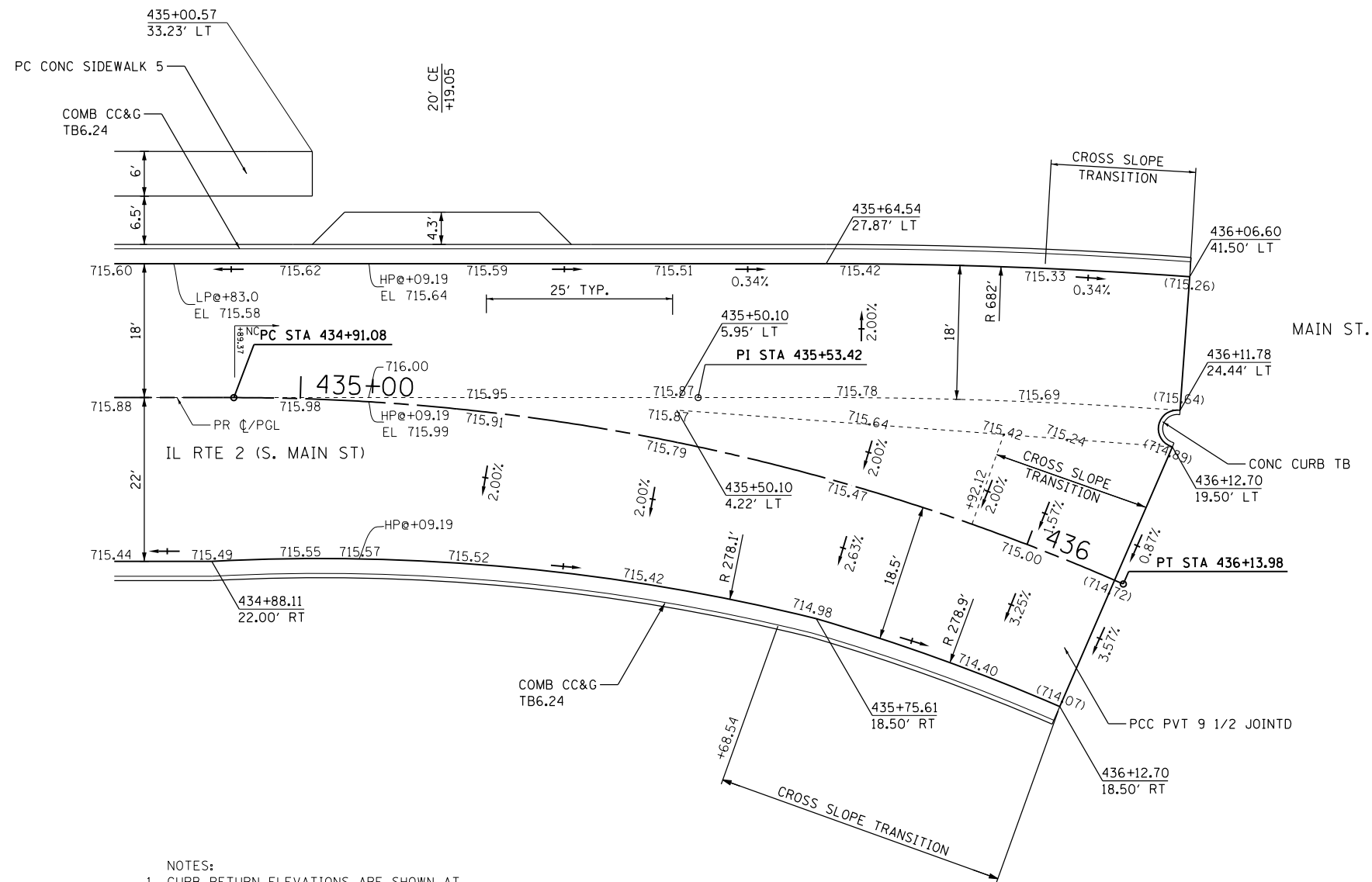
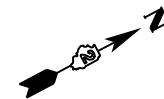
SEE STATE STANDARD
424011 FOR DETAIL OF
CORNER PARALLEL CURB
RAMPS FOR SIDEWALKS



LEGEND





	DETECTABLE WARNING
	DIRECTION OF FLOW
(XXX.XX)	EXISTING ELEVATION TO BE MATCHED
	LANDING
	RAMP

- NOTES:
- CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE IL 2 PC.
 - SEE STATE STANDARD 606301 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS.
 - SEE STATE STANDARD 606306 FOR DETAILS OF CORRUGATED PC CONCRETE MEDIAN
 - SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA
 - SEE DISTRICT 2 STANDARD 4.1 FOR DETAILS OF PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED (ISLAND SPECIAL).



- NOTES:
1. CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINING AT THE IL 2 PC.
 2. SEE DISTRICT 2 STANDARD 25.1 FOR DETAILS OF ENTRANCE APPROACHES - URBAN AREA

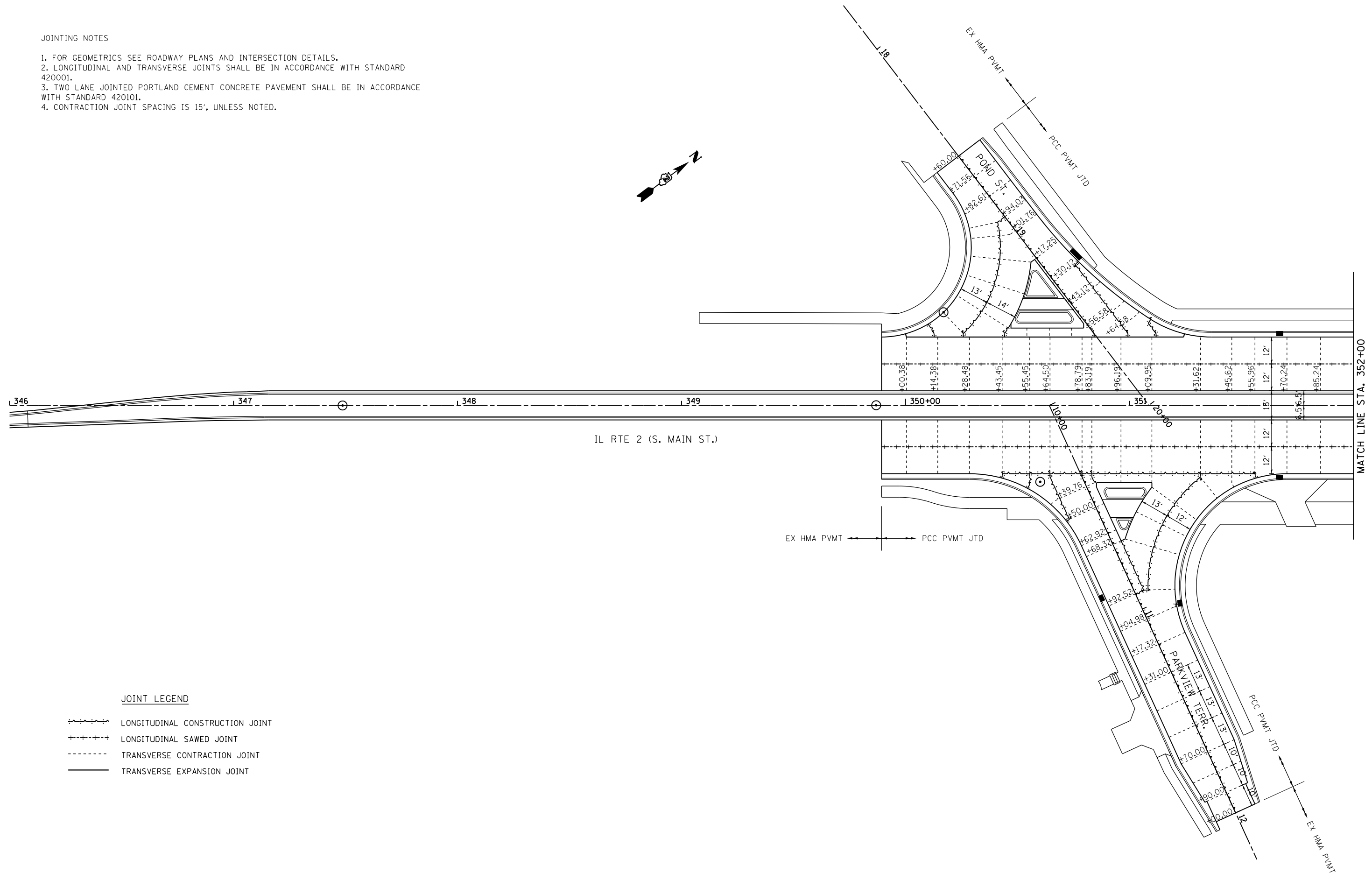
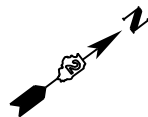
LEGEND

	DETECTABLE WARNING
	DIRECTION OF FLOW
(XXX.XX)	EXISTING ELEVATION TO BE MATCHED
	LANDING
	RAMP

FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL MAIN ST.			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		742	(32,33) R-1	WINNEBAGO	705	399	CONTRACT NO. 64821			
		CHECKED -	REVISED -		SCALE: 1" = 10'	SHEET NO. 26 OF 26 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -										

JOINTING NOTES

1. FOR GEOMETRICS SEE ROADWAY PLANS AND INTERSECTION DETAILS.
2. LONGITUDINAL AND TRANSVERSE JOINTS SHALL BE IN ACCORDANCE WITH STANDARD 420001.
3. TWO LANE JOINTED PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH STANDARD 420101.
4. CONTRACTION JOINT SPACING IS 15', UNLESS NOTED.



JOINT LEGEND

- LONGITUDINAL CONSTRUCTION JOINT
- LONGITUDINAL SAWED JOINT
- TRANSVERSE CONTRACTION JOINT
- TRANSVERSE EXPANSION JOINT

FILE NAME = *FILE*	USER NAME = *USER*	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -
	PLOT DATE = *DATE*	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT JOINT DETAILS	
IL RTE 2	
SCALE: 1" = 20'	SHEET NO. 1 OF 14 SHEETS
STA. 346+00 TO STA. 352+00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	(32, 33) R-1	WINNEBAGO	705	400
CONTRACT NO. 64821				
ILLINOIS FED. AID PROJECT				