Appendix F – Existing Utilities

PROJECT UTILITY RELOCATION ESTIMATE

KY 8 (Mary Ingles Highway)

CAMPBELL COUNTY

ITEM NO: 6-1086.00

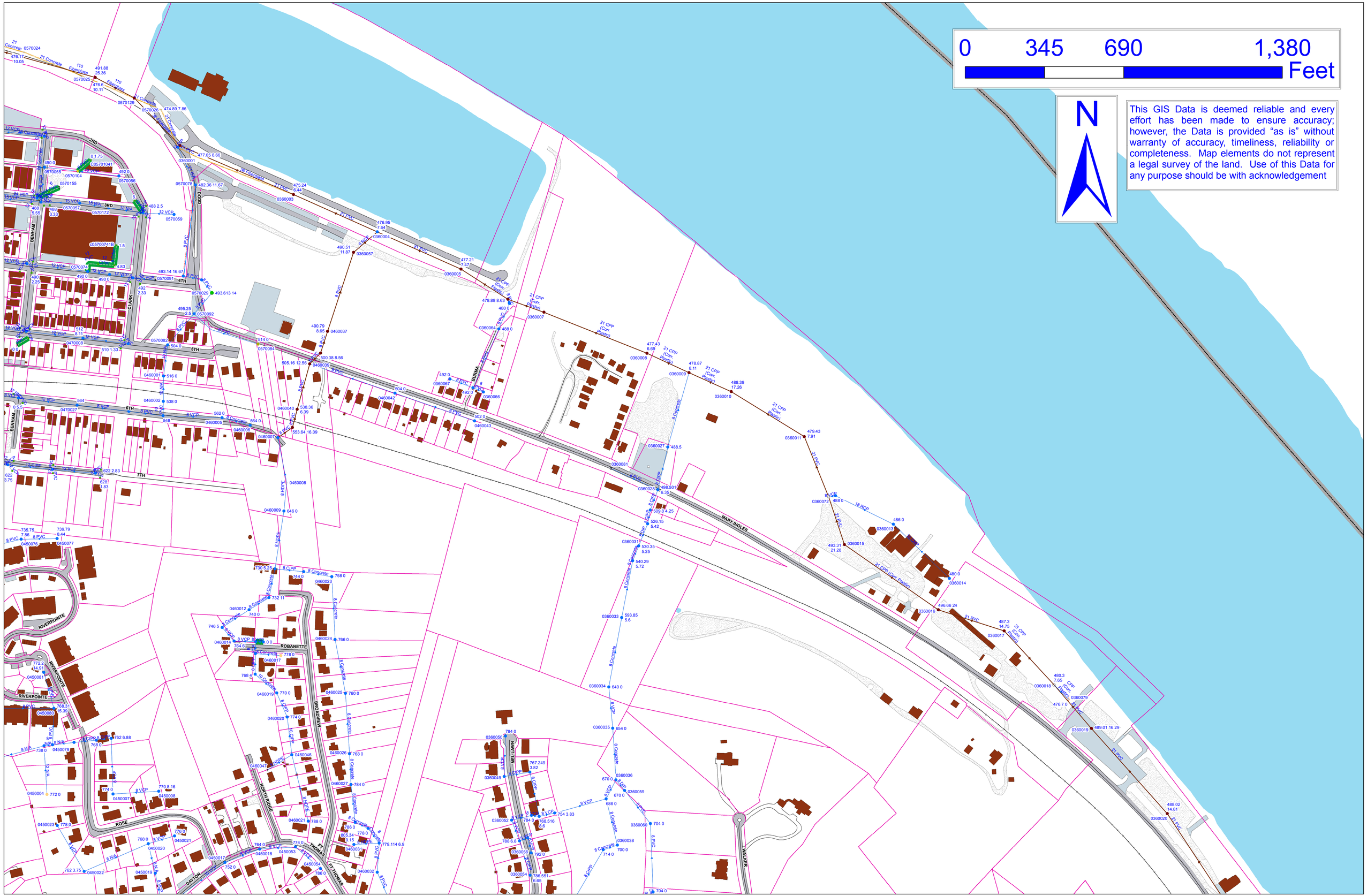
UNITS BY Daniel Menetrey ON 6/14/16 FROM KY 8 Study

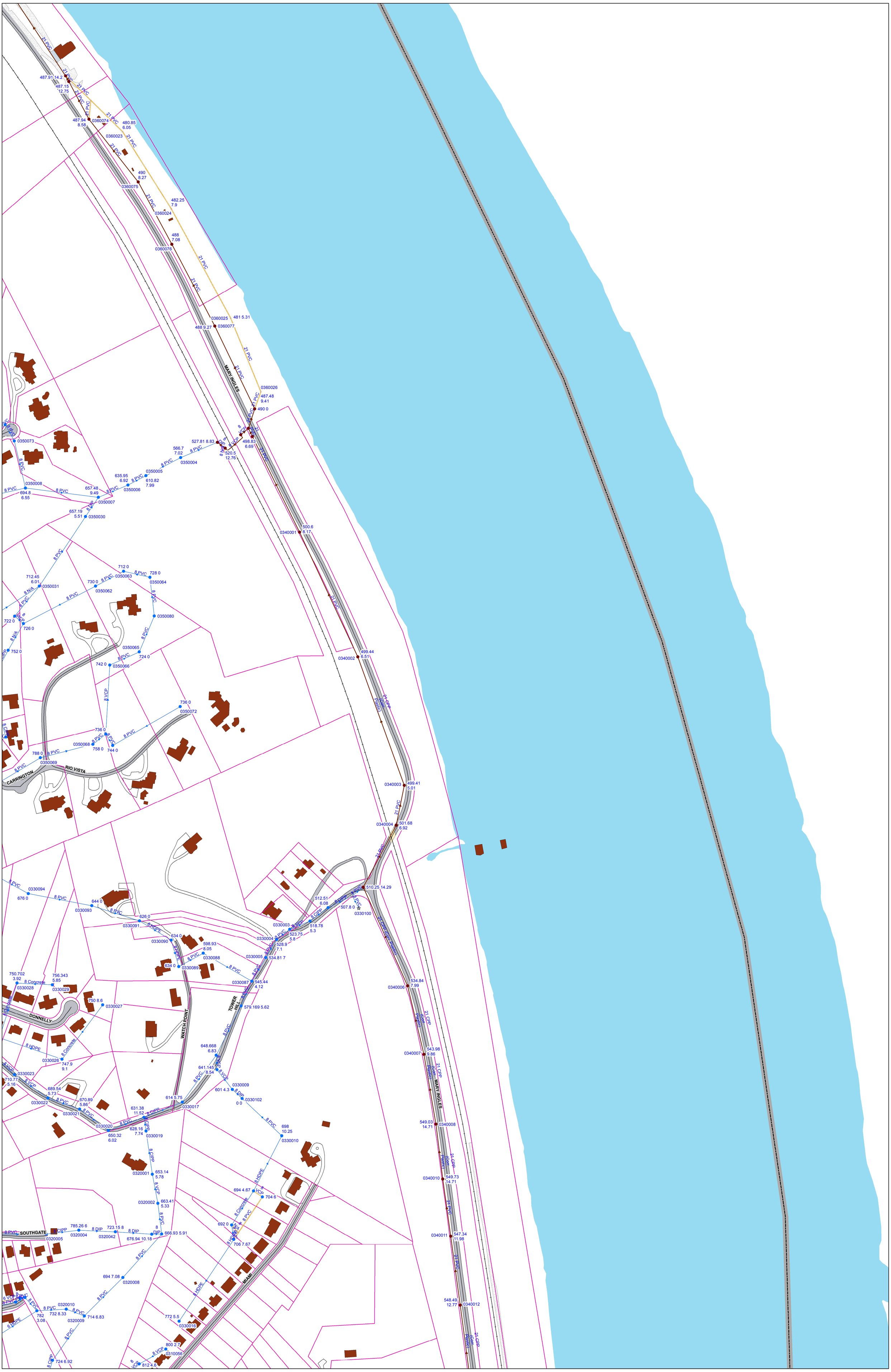
30

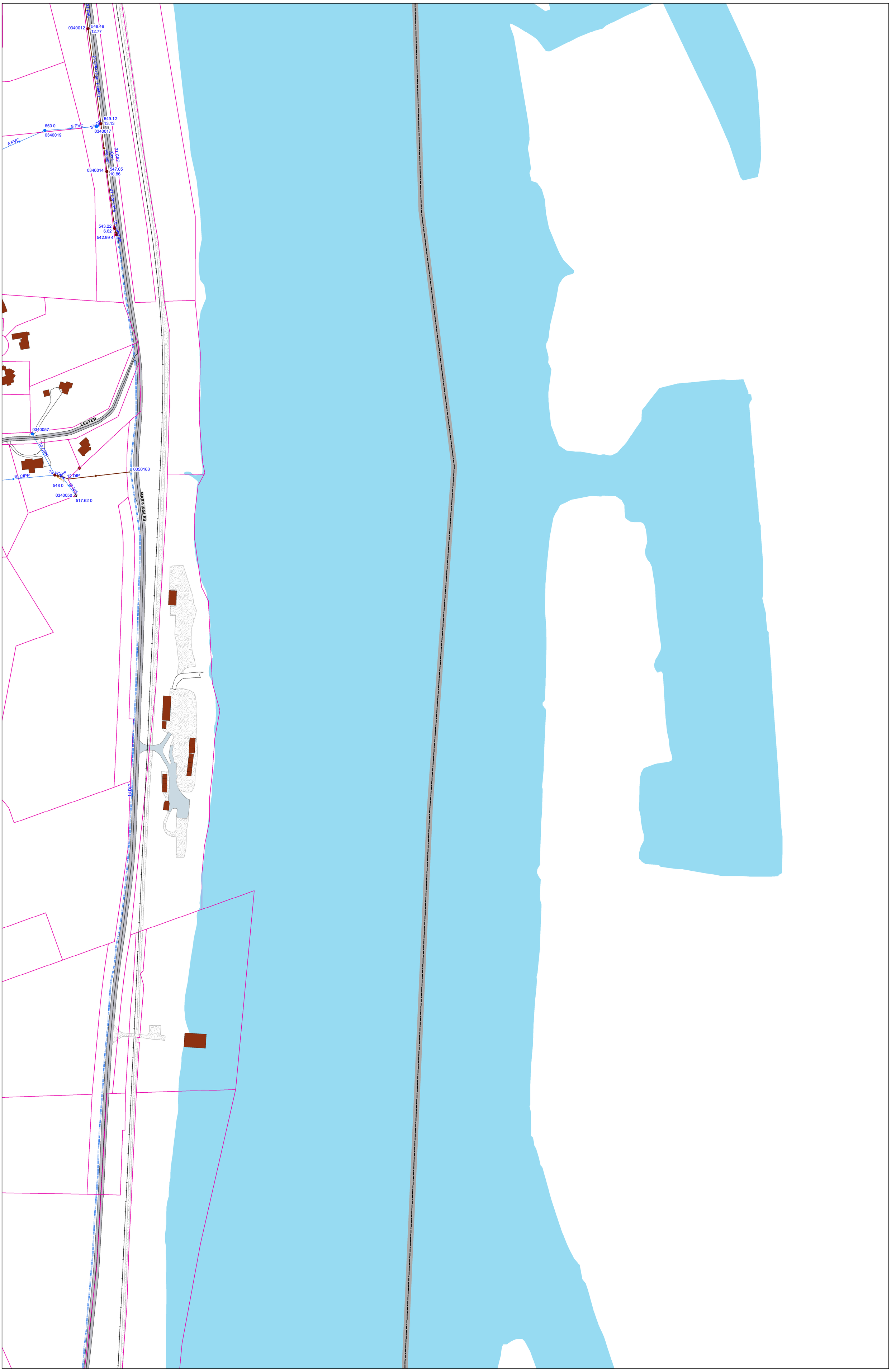
Year
2020

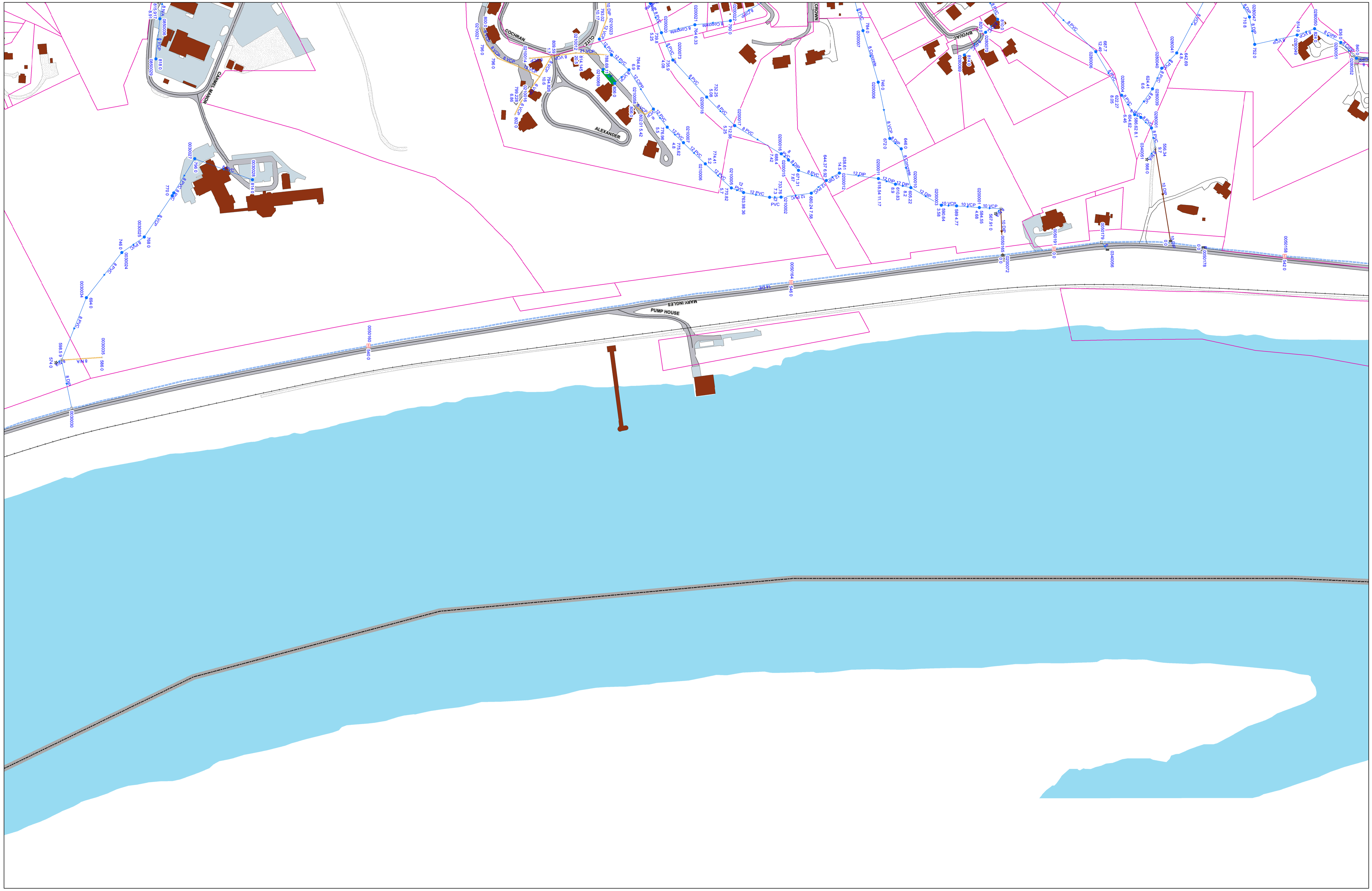
Item	Unit	Unit Cost	# of Units	Total Item	Utility Const. Cost	Admin. & Eng. Factor	Admin. & Eng. Cost	Total Current Cost	Factor for Cost in (Year)	Total Projected Cost
WATER LINES	***Northern Kentucky Water District***									
8" Tie-In	EA	$2,055.00	35	$71,925.00						
16" Steel Encasement (Bored)	LF	$255.05	114	$29,075.70						
8" Ductile Iron	LF	$88.34	4,000	$353,360.00						
				Water Totals	**$454,360.70**	**0.17**	**$77,241.32**	**$531,602.02**	**1.33**	**$707,031**
SANITARY SEWERS	***Sanitation District No.1***									
Manholes	EA	$3,200.00	24	$76,800.00						
16" Ductile Iron	LF	$165.00	100	$16,500.00						
8" PVC	LF	$57.00	150	$8,550.00						
21" PVC	LF	$278.00	5,300	$1,473,400.00						
16" Ductile Iron Force Main	LF	$142.00	12,100	$1,718,200.00						
				Sanitary Sewer Totals	**$3,293,450**	**$0**	**$559,887**	**$3,853,337**	**$1**	**$5,124,938**
GAS MAINS	***Duke Energy***									
20"	LF	$475.03	30	$14,250.90						
12"	LF	$227.64	1,600	$364,224.00						
2"	LF	$49.80	2,588	$128,882.40						
				Gas Totals	**$507,357**	**$0**	**$86,251**	**$593,608**	**$1**	**$789,499**
				All Utility Company Totals	**$4,255,168**		**$723,379**	**$4,978,547**	***$1***	**$6,621,467**
				Factor for Department Utility Administrative, Engineering, and Inspection Cost				0.1		
				Department Utility Administrative and Engineering Cost				$497,854.66	1.33	$662,147
								Total Estimated Project Utility Relocation Cost		**$7,283,614**
RAILROAD	***(Company Name)***									
Construction, Administrative & Engineering	LS	$500,000.00	1					$500,000.00	1.33	$665,000
				Factor for Department R/R Administrative and Engineering Cost				0.1		
				Department R/R Administrative and Engineering Cost				$50,000.00	1.33	$66,500
								Total Estimated Project R/R Cost		**$731,500**

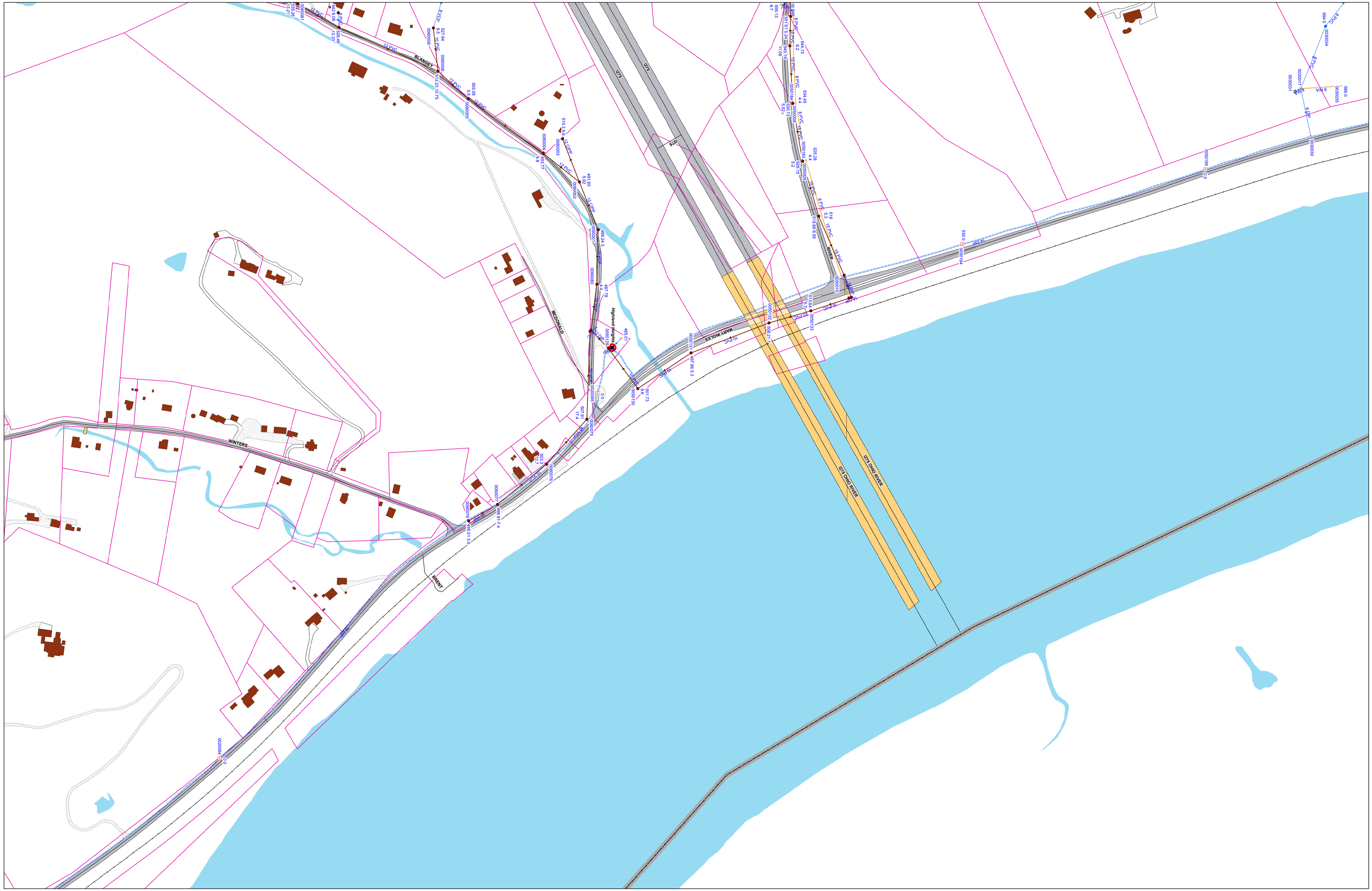
Total Estimated Project Utility Relocation and Railroad Cost **$8,020,000**

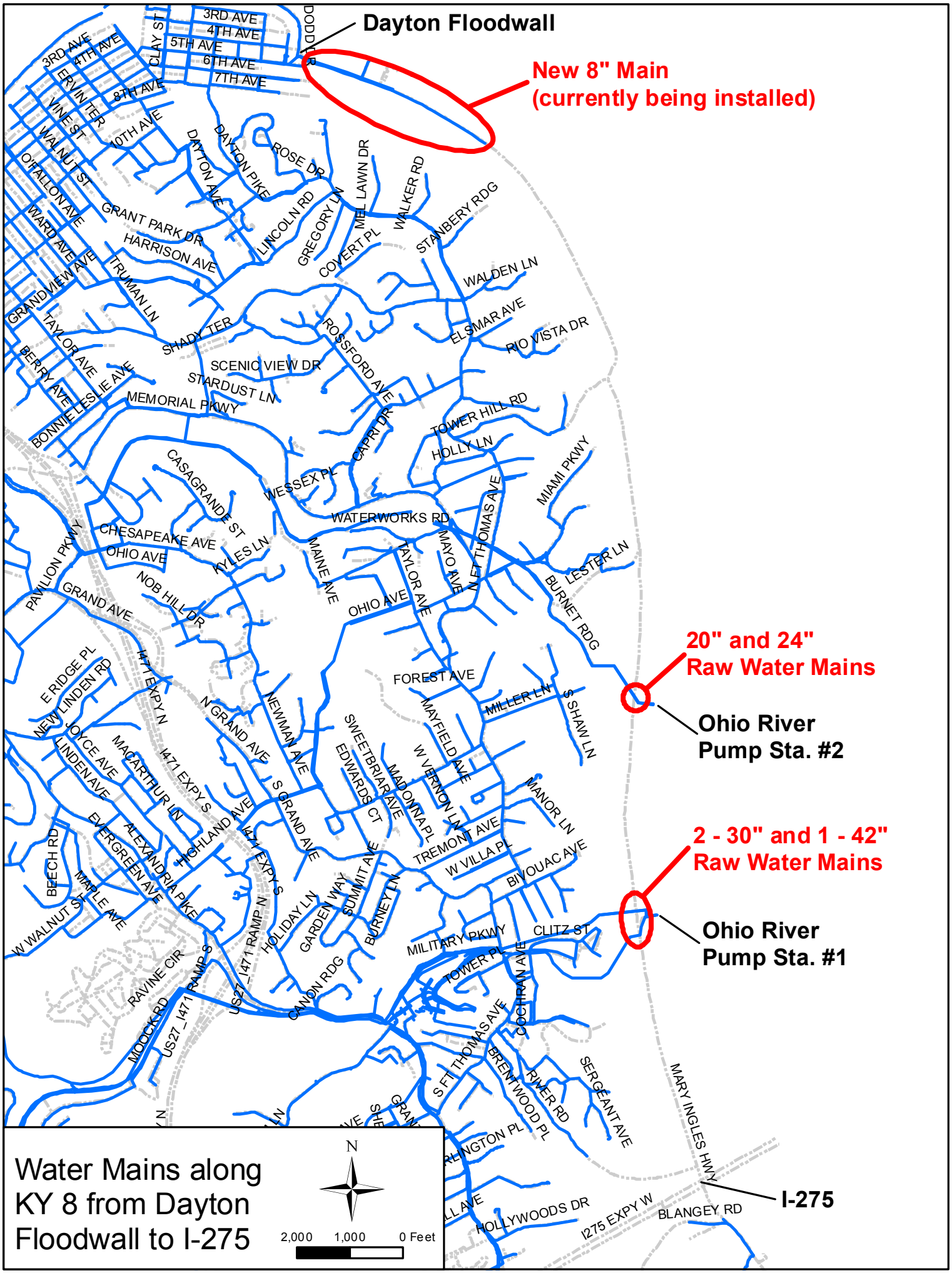

0
345
690
1,380
Feet
N
This GIS Data is deemed reliable and every effort has been made to ensure accuracy; however, the Data is provided "as is" without warranty of accuracy, timeliness, reliability or completeness. Map elements do not represent a legal survey of the land. Use of this Data for any purpose should be with acknowledgement
2ND
3RD
4TH
5TH
6TH
7TH
BENHAM
CLARK
DOOD
BURNA
MARY INGLES
ROBANETTE
BROADVIEW
RIVERPOINTE
ROSE
DAYTON
NORTH RIDGE
THOMAS
FT THOMAS
NEILLY LANE
WALKER


MARY INGLES
CARRINGTON
RIO VISTA
DONNELLY
WATCH POINT
TOWER HILL
SOUTHGATE
MIAMI
0360074
0360023
0360075
0360024
0360076
0360025
0360077
0360026
0350073
0350008
0350007
0350030
0350006
0350005
0350004
0350031
0350062
0350063
0350064
0350080
0350065
0350066
0350072
0350068
0350069
0340001
0340002
0340003
0340004
0340006
0340007
0340008
0340010
0340011
0340012
0330100
0330093
0330091
0330090
0330089
0330088
0330003
0330004
0330005
0330087
0330028
0330029
0330027
0330026
0330023
0330022
0330021
0330020
0330017
0330009
0330102
0330010
0320001
0320002
0320005
0320004
0320042
0320008
0320010
0320009
0310056
0330016

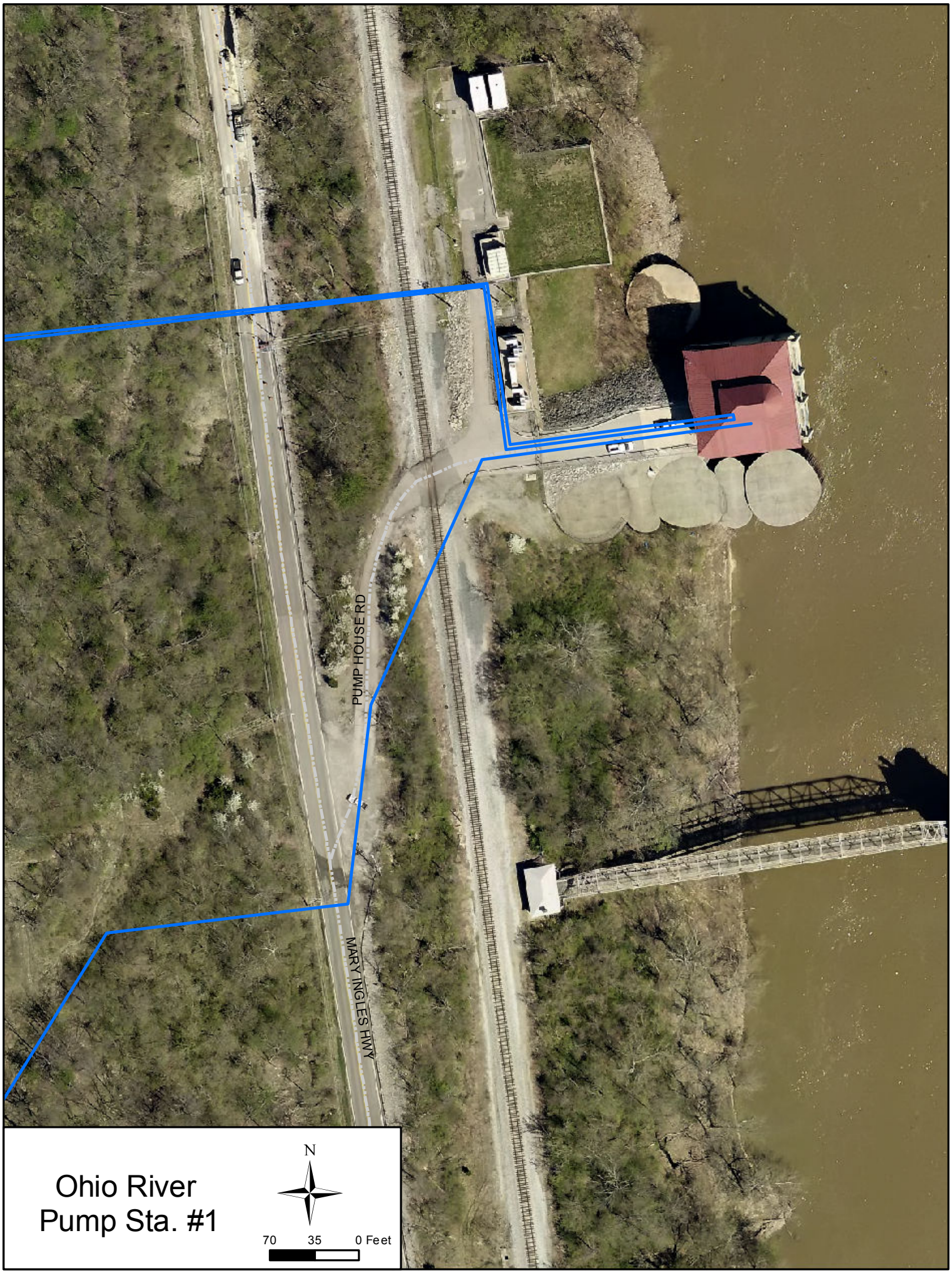

0340012
548.49
12.77
21 PVC
21 CPP (Cont Plastic)
650 0
8 PVC
8 VCP
549.12
13.13
0340017
0340019
8 PVC
21 CPP (Cont Plastic)
0340014
547.05
10.86
21 Concrete
543.22
6.62
542.99 4
18 CPP
LESTER
0340057
10 CIPP
10 CIPP
12 VCP
12 DIP
0050163
548 0
18 NA
0340050
517.62 0
MARY INGLES
14 DIP


CHAPEL MANOR
COCHRAN
ALEXANDER
CRAWN
BIVOUAC
MARY INLES
PUMP HOUSE


BLANGEY
MCDONALD
WINTERS
BRENT
MARY INGLES
RIVER
Highland Heights
I275
I275 OHIO RIVER



Water Mains along KY 8 from Dayton Floodwall to I-275


PUMP HOUSE RD
MARY INGLES HWY
Ohio River
Pump Sta. #1
N
70
35
0 Feet

MARY INGLES HWY
Ohio River
Pump Sta. #2
N
50 25 0 Feet