

# PROGRESS FLOWS FROM NEW FRANKLIN'S INVESTMENT IN WATER INFRASTRUCTURE

CREATING A ROADMAP FOR DEVELOPMENT



# INTRODUCTION



Jennifer L. Syx  
President  
inSITE Advisory Group  
[Jennifer@insiteadvisorygroup.com](mailto:Jennifer@insiteadvisorygroup.com)  
[www.insiteadvisorygroup.com](http://www.insiteadvisorygroup.com)



Paul Adamson  
Mayor  
City of New Franklin  
[mayor@newfranklin.org](mailto:mayor@newfranklin.org)  
[www.newfranklin.org](http://www.newfranklin.org)



Jennifer Brown  
Finance Specialist  
CT Consulting  
[jbrown@ctconsultants.com](mailto:jbrown@ctconsultants.com)  
[www.ctconsultants.com](http://www.ctconsultants.com)

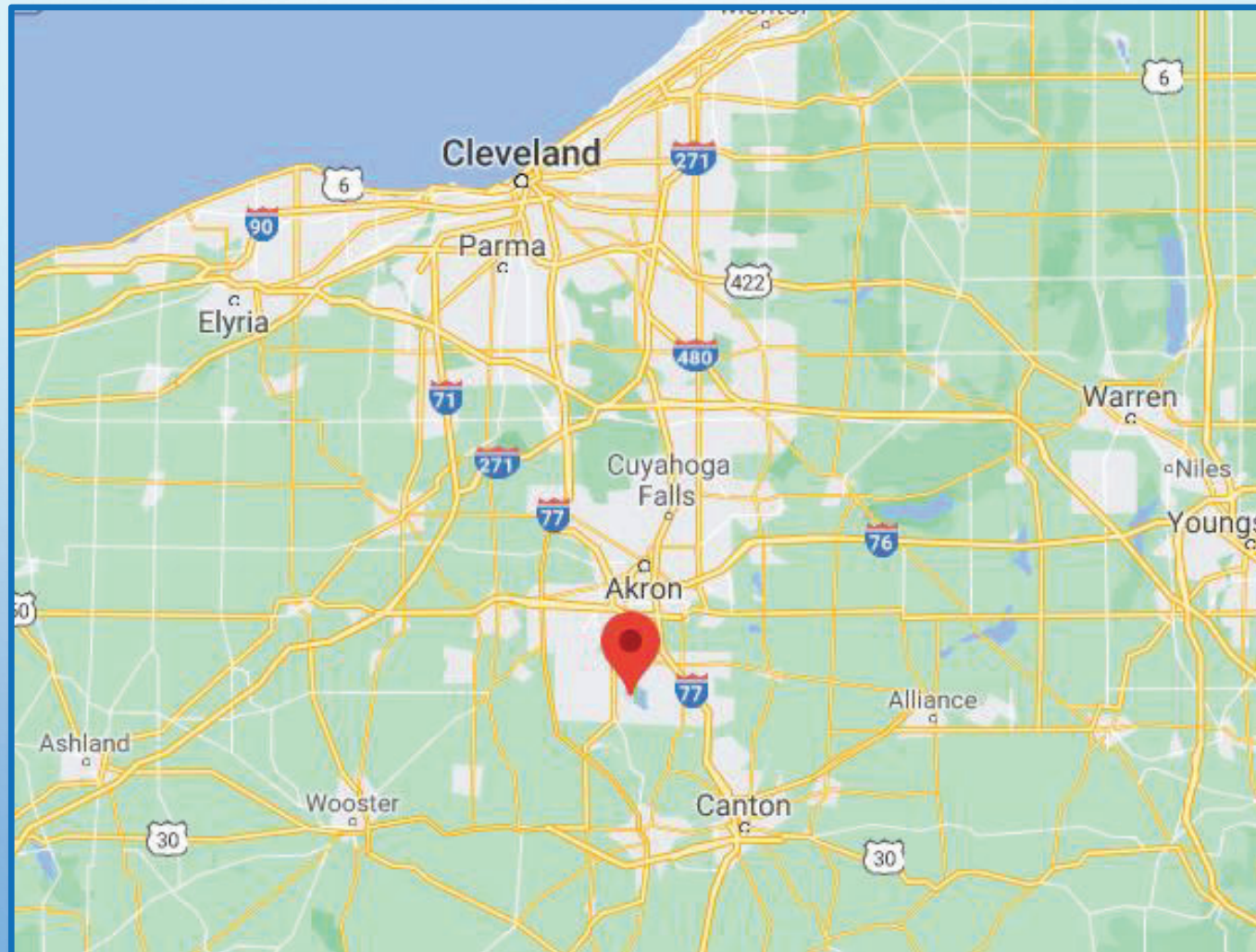
# MILESTONES



**2006:** New Franklin  
incorporates as a city

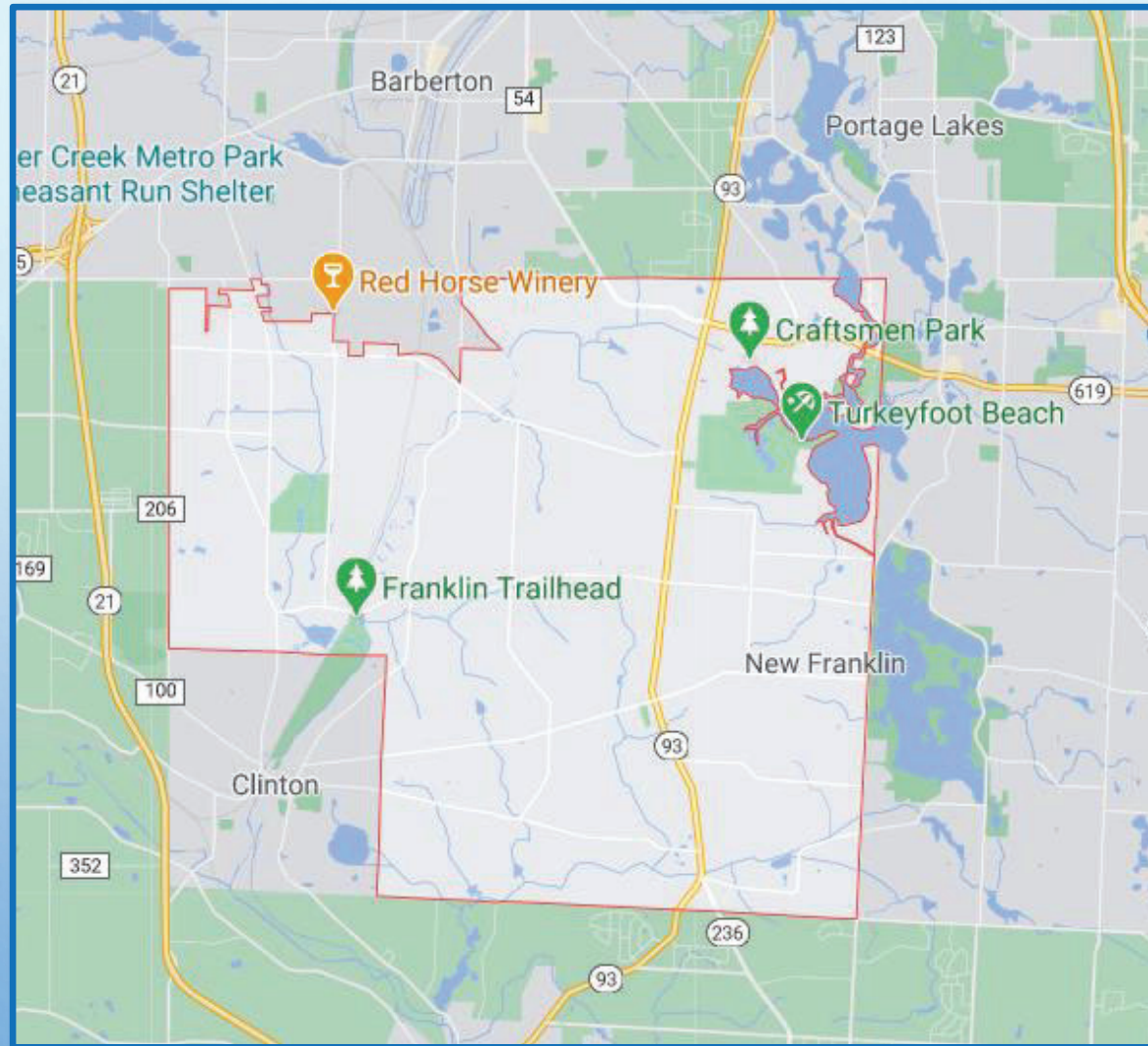


# NEW FRANKLIN, OHIO





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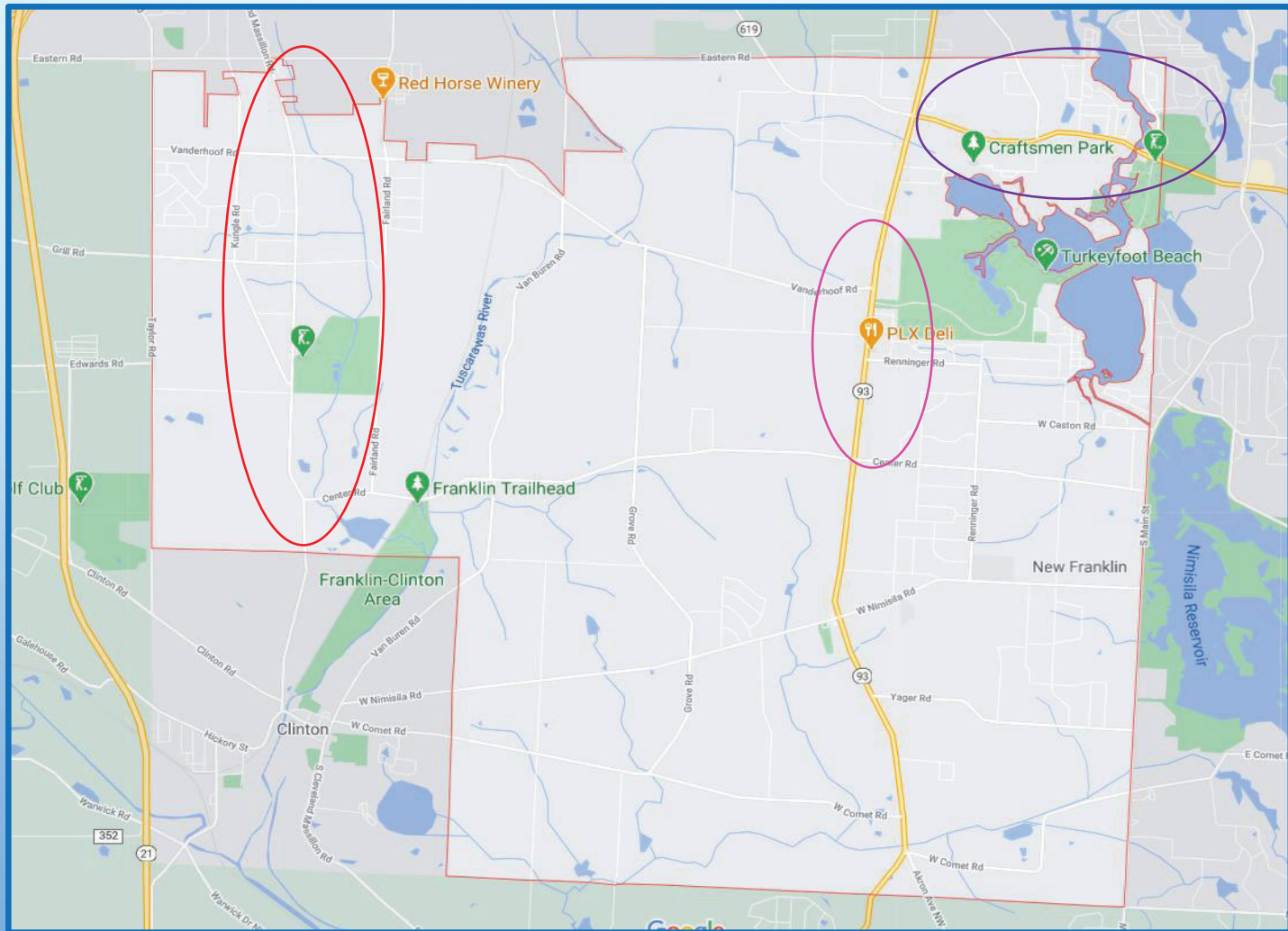


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ECONOMIC DEVELOPMENT PARTNER



# ECONOMIC DEVELOPMENT PARTNER



Roadwork Development  
Grant



Economic Development  
Consultants



Development of CRA &  
Portage Lakes Entertainment  
District



# A TALE OF TWO BUSINESSES



# SEWER IN NEW FRANKLIN

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## TYPICAL FEES *RESIDENTIAL* - SAMPLE

- LOT FEE ..... \$50-90/LINEAR FOOT (OR FLAT FEE OF \$5000-\$7000)\*
- IMPACT FEE (RESIDENTIAL)..... \$1200
- LINE FEE ..... \$15/FOOT (FROM ROAD TO HOUSE) 105' X \$15 = \$1,575
- WELL ABANDONMENT FEE ..... \$1,000
- **TOTAL ..... \$10,775\***

\*USED THE FLAT FEE RATE OF \$7000 FOR SAMPLE CALCULATION

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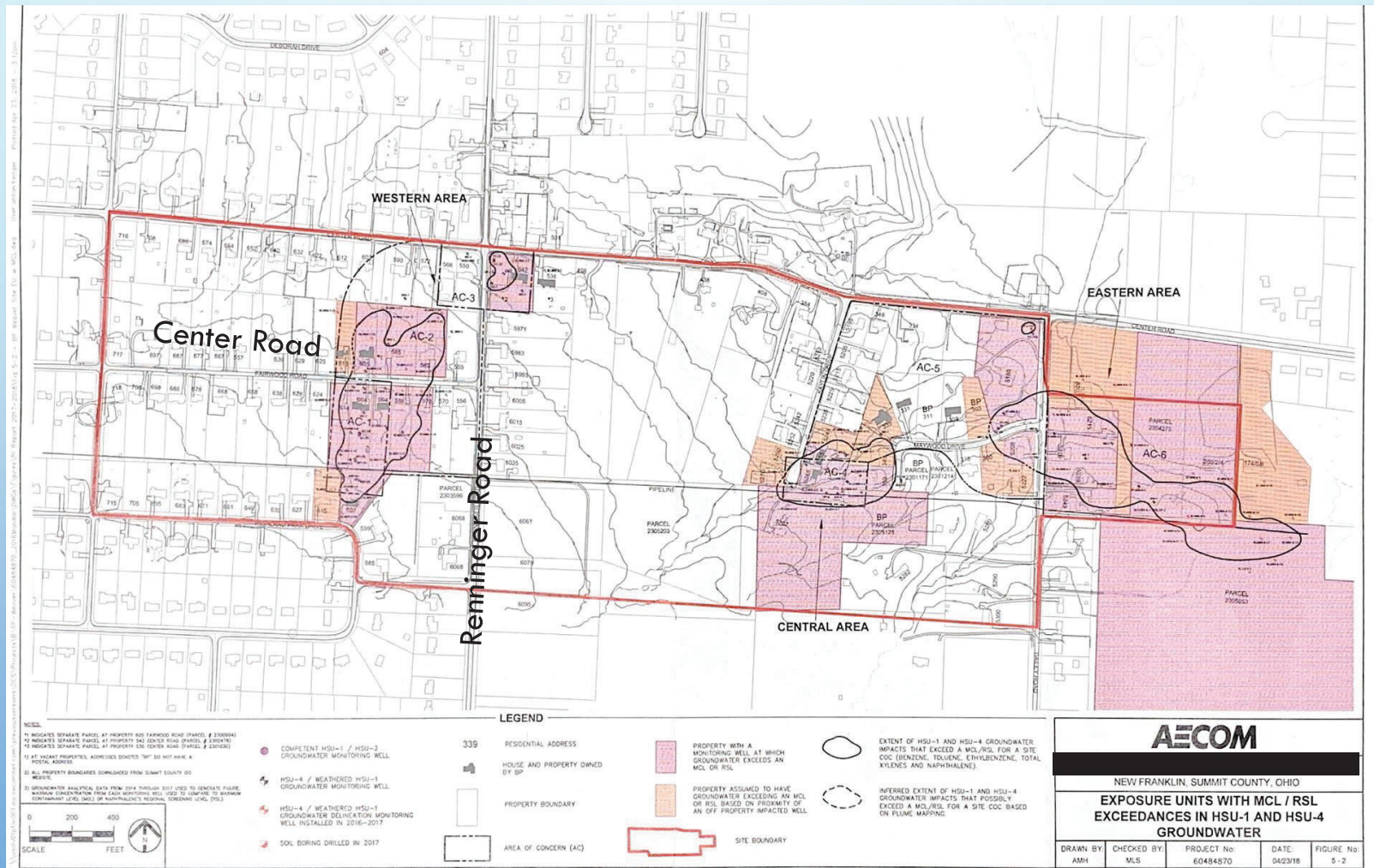
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# OHIO EPA REMEDIATION FIELDS





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## PARTNERS



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# WATER PLANNING PARTNER



# OHIO EPA WSRLA

## WATER SUPPLY REVOLVING LOAN ACCOUNT



THE WATER SUPPLY REVOLVING LOAN ACCOUNT (WSRLA), OHIO'S DRINKING WATER SRF PROGRAM, IS A PART OF THE LARGER DRINKING WATER ASSISTANCE FUND (DWAFF). BEGINNING IN 1998, ITS FOCUS IS TO ADDRESS HUMAN HEALTH AND FAILING WATER TREATMENT AND SUPPLY NEEDS OF PRIVATE AND PUBLIC ENTITIES, WITH ALMOST \$1.2 BILLION HAVING BEEN LOANED AS OF 2016. DEFA AND DDAGW JOINTLY ADMINISTER THIS PROGRAM, ALSO WITH THE ASSISTANCE OF OWDA.

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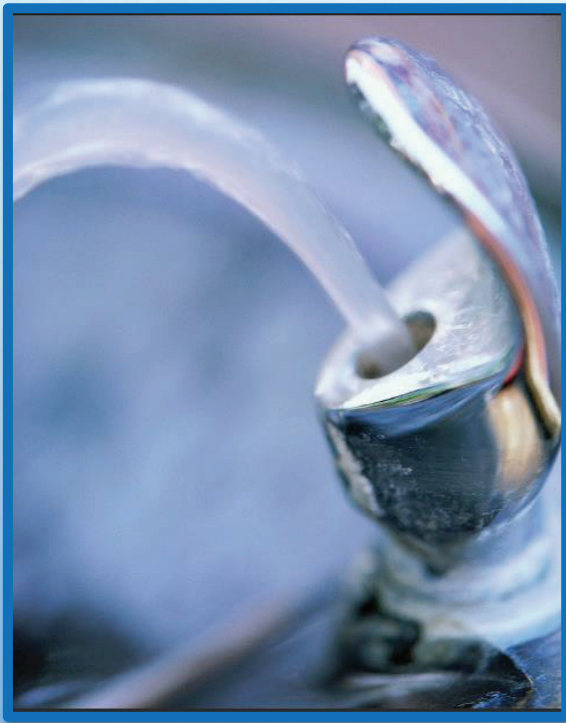
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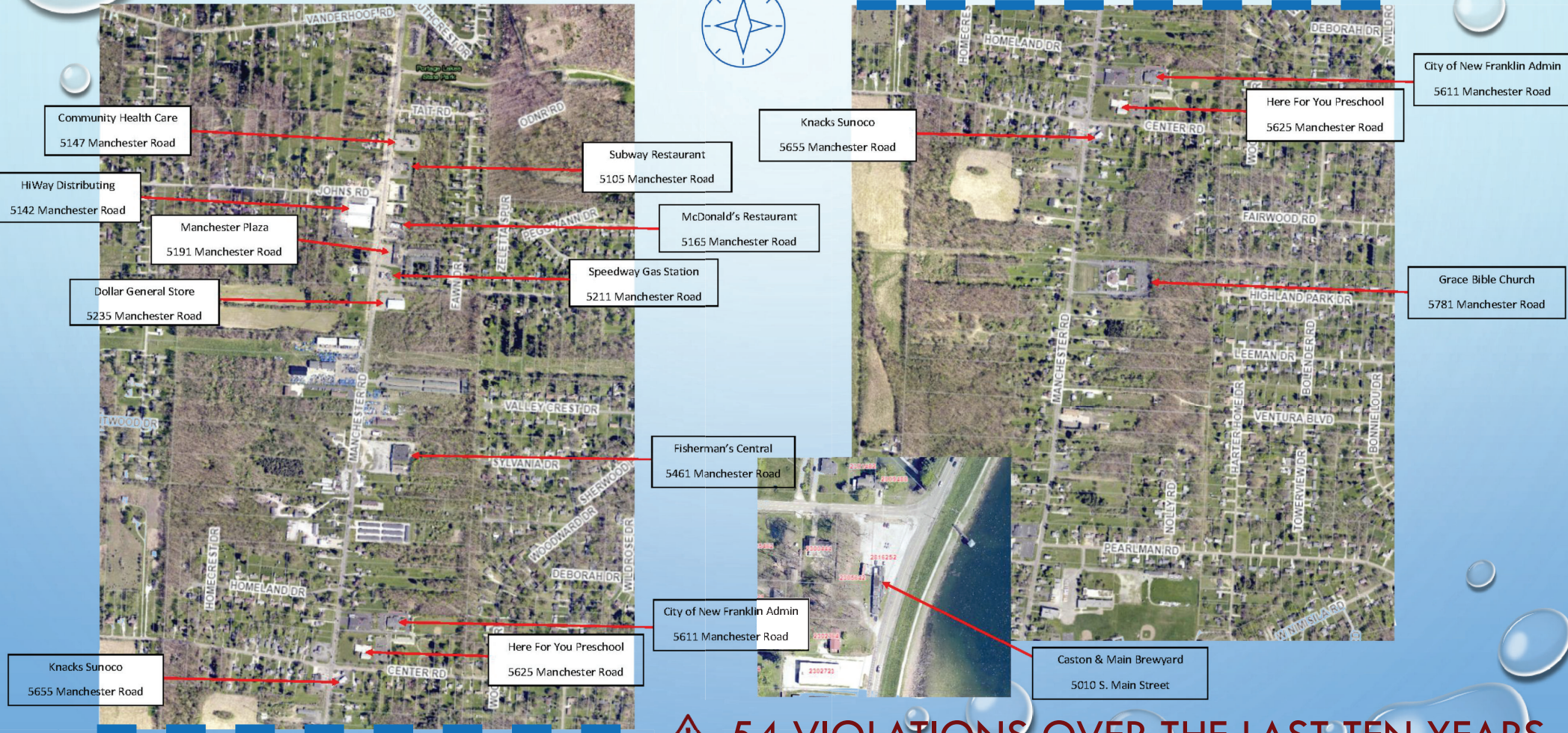
# PUBLIC WATER SYSTEMS



A **PUBLIC WATER SYSTEM** IS DEFINED AS A SYSTEM THAT PROVIDES WATER FOR HUMAN CONSUMPTION TO AT LEAST 15 SERVICE CONNECTIONS OR SERVES AN AVERAGE OF AT LEAST 25 PEOPLE FOR AT LEAST 60 DAYS EACH YEAR. THIS INCLUDES WATER USED FOR DRINKING, FOOD PREPARATION, BATHING, SHOWERING, TOOTH BRUSHING AND DISHWASHING. PUBLIC WATER SYSTEMS RANGE IN SIZE FROM LARGE MUNICIPALITIES TO ***SMALL CHURCHES AND RESTAURANTS RELYING ON A SINGLE WELL.***



# NEW FRANKLIN PUBLIC WATER SYSTEMS



⚠️ 54 VIOLATIONS OVER THE LAST TEN YEARS

# BUSINESS INDUCEMENTS: REDUCED FEES

## Sample Typical Residential Fees

- LOT FEE ..... \$50-90/LINEAR FOOT (OR FLAT FEE OF \$5000-\$7000)\*
- IMPACT FEE (RESIDENTIAL)..... \$1200
- LINE FEE ..... \$15/FOOT (FROM ROAD TO HOUSE) 105' X \$15 = \$1,575
- WELL ABANDONMENT FEE ..... \$1,000
- TOTAL ..... \$10,775\*

## Sample Reduced Business Fees

- LOT FEE ..... 188' X \$25 = \$4,700
- IMPACT FEE ..... \$0
- LINE FEE ..... 105' X \$15 = \$1,575
- WELL ABANDONMENT FEE ..... \$1,000
- TOTAL ..... \$7,275

\*used the Flat Fee Rate of \$7000 for sample calculation



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# POINTS POSSIBLE SYSTEM

## Regionalization

This category is included to support the concept that larger systems are more apt to have managerial, financial and technical capabilities to ensure continued compliance with current and future requirements of both federal and SWDA laws and regulations. Points are given to the applicant of the regionalization loan only. The following elements are considered.

Regionalization guidelines	
Projects which provide the potential for regionalization (existing public water systems which could connect to the project and the project's system maintains adequate capacity to serve them)	10 points
If the project involves the regionalization of more than one community water system or an eligible non-community water system (as scored above) and there is a signed commitment letter to tie in or an ordinance mandating tie-in	10 points per additional system
If the project involves the regionalization of more than one non-community water system (for-profit privately owned public water systems) (as scored above) and there is a signed commitment letter to tie in or an ordinance mandating tie-in	10 points per additional system
If the project will address contaminants to customers of other existing public water systems (i.e. provide water to master metered mobile home park, or satellite systems)	5 points per additional system (max. 30)

## Cyanotoxins Source Contamination

Project is to replace a contaminated drinking water source or modify treatment at an existing water treatment plant where the drinking water source is impaired. (Impaired: two or more exceedances of cyanotoxin thresholds in raw water at least 30 days apart.)*	60 points
Project is to replace a drinking water source or modify treatment at an existing water treatment plant where the drinking water source is on the Watch List. (Watch List: detection is >50% of cyanotoxin thresholds in raw water.)*	30 points

\*The 2020 Integrated Water Quality Monitoring and Assessment Report identifies which waters are impaired or on a watch list due to cyanotoxins, based on sampling through . Public water systems not listed in the report will also qualify for the cyanotoxin source contamination points if more recent source water sample results meet the impaired or watch list criteria.

## PWS Elimination

Project will eliminate the public water system with a public health issue or under enforcement orders	60 points
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## Significant Deficiencies

Project will eliminate a significant deficiency as documented in the most recent sanitary survey or other written correspondence between the Ohio EPA and the system.	25 points
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## Public Health Issues

The greatest emphasis will be placed on addressing public health issues related to the acute contaminants: microbial, groundwater rule, surface water treatment rule, nitrate/nitrite and cyanotoxins. The period of analysis will be the 24 months prior to inclusion on the priority list unless the system is under Director's Final Findings and Orders to correct the issue, then the public health points will stand until the project is completed. MCL violations caused by failure to monitor or report will not be included in the analysis. The following are the points assigned to the referenced levels of contamination.

Acute Contaminants (Time period inclusive of most currently available quarterly data)

Bacteriological Contamination (Addressable through infrastructure improvements) (select only one)	
No Level 2 Assessments	0 points
Level 2 Assessment	60 points
Confirmed Distribution E. coli	100 points

## Groundwater Rule (See EPA The Ground Water Rule (GWR) Implementation Guidance (EPA-816-R-09-004) Section 3.9.8 – Treatment Technique Violations for more information).

No Violations	0 points
Confirmed E. coli	100 points

## Surface Water Treatment Rule (turbidity and chlorine contact time)

No treatment technique violations	0 points
One treatment technique violation	60 points
Two or more treatment technique violations	100 points

## Nitrate / Nitrite (select only one)

Level consistently less than 8.0 mg/L / 0.8 mg/L	0 points
Level >8.0 mg/L <10 mg/L / >0.8 mg/L ≤ 1 mg/L	60 points
Level >10 mg/L / 1 mg/L	100 points

Boil Order/ Use Advisory (for previous 12 months). Points may only be assigned if the project will address the problem that caused the boil order or use advisory. No points awarded for type 3 or 4 monitoring violations.

No boil order or use advisories	0 points
Boil advisory; one to four boil order/use advisory events	25 points
Boil advisory; five or more boil order/use advisory events	45 points

## Disinfection Residual (addressable through infrastructure improvements including looping)

No violations	0 points
One to five violations	15 points
Six or more violations	30 points

## Manganese, Strontium, PFOS, PFOA Health Advisory Levels (not restricted to the previous 12 months)

No HAL exceedances	0 points
Level ≥ 50% HAL for <u>only one</u> Health Advisory Level listed	30 points
Level ≥ 50% HAL for <u>more than one</u> Health Advisory Level listed	60 points

## Contamination or Inadequate Supply in Private Wells (not restricted to previous 12 months)\*

Project is to connect new customers with existing contaminated or inadequate sources	40 points
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\*Based on best estimate after consultation with local health department.

Source Contamination (only if project replaces the contaminated source. For example, contamination due to salt piles, industrial contamination, underground storage tanks, and dry cleaners. Points not awarded if system already received points in the bacteriological or GWR segments.)

Project is to replace a contaminated drinking water source, or significant contamination exists within the one year time of travel as delineated by the source water protection program	60 points
Project is to replace a drinking water source with significant contamination within the five year time of travel that is expected to impact the wellfield as delineated by the source water protection program	30 points

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# APPLICATION RANKINGS 2020

## Projects Eligible for Regionalization Principal Forgiveness for PY 2021

June 19, 2020

Entity	Project	PWS ID	County	Estimated Loan Amount	Estimated Principal Forgiveness	Loan Type	Population	Estimated Award Date	Score	Readiness to Proceed Score	Interest Rate / Discount Rate
Aqua Ohio, Inc.	New Franklin WL Ext.	OH7604512	Stark	\$4,204,000	\$2,102,000	Construction	95,000	Oct-20	255	3	REG
Portage County	Fairlane Water Co. Interconnect	OH6702812	Portage	\$6,688,565	\$1,774,880	Construction	8,247	Jun-21	155	1	REG
Johnstown, Village	Water Utility Expansion	OH4501512	Licking	\$5,750,000		Construction	10,000	Apr-21	120	1	REG
Lowell, Village	Regional Connection to Tri-County Water	OH8400312	Washington	\$665,476		Construction	638	Apr-21	110	1	DIS/REG
Marshallville, Village	Orrville WL Connection & Booster Station project	OH8501912	Wayne	\$2,100,000		Construction	756	Mar-21	105	2	REG
Del-Co Water Company	Mount Air WM Imps (REG)	OH2101412	Delaware	\$1,500,							
Burr Oak Regional WD	Bishopville Expansion REG	OH0501311	Athens	\$2,044,							
Madison County	Madison Co Water System (Tank and WLS)	OH4901012	Madison	\$13,357							
Akron, City	Edgeview Neighborhood WM Ext to Failing Wells	OH7700011	Summit	\$1,457,							
Canton, City	Canton South WL Ext. - Phase 2	OH7608112	Stark	\$3,807,							
Coshocton, City	Warsaw/Riverview Schools Regional WL	OH1600012	Coshocton	\$4,733,							
McConnelsville, Village	State Route 60 Water & Sewer Ext	OH5800512	Morgan	\$1,500,							
Fairfield County	Grant and Hampton As Elim. WL -REG	OH2301912	Fairfield	\$1,200,							
Muskingum County	The Wilds WM Ext	OH6000412	Muskingum	\$311,8				Oct-20	255	3	
Muskingum County	County Line Rd WL Ext	OH6000412	Muskingum	\$393,8				Jun-21	155	1	
Muskingum County	Museville and Wilsonwood Rds WM Ext	OH6000412	Muskingum	\$522,4				Apr-21	120	1	
Muskingum County	Big B and Mutton Ridge Rds WM Ext	OH6000412	Muskingum	\$585,0				Apr-21	110	1	
								Mar-21	105	2	



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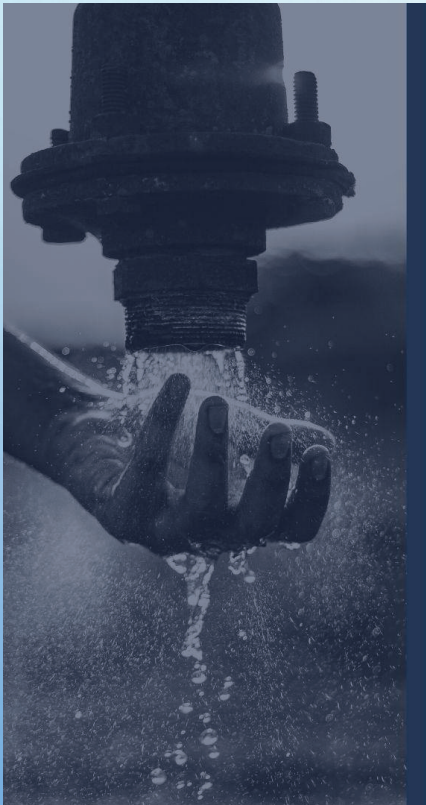
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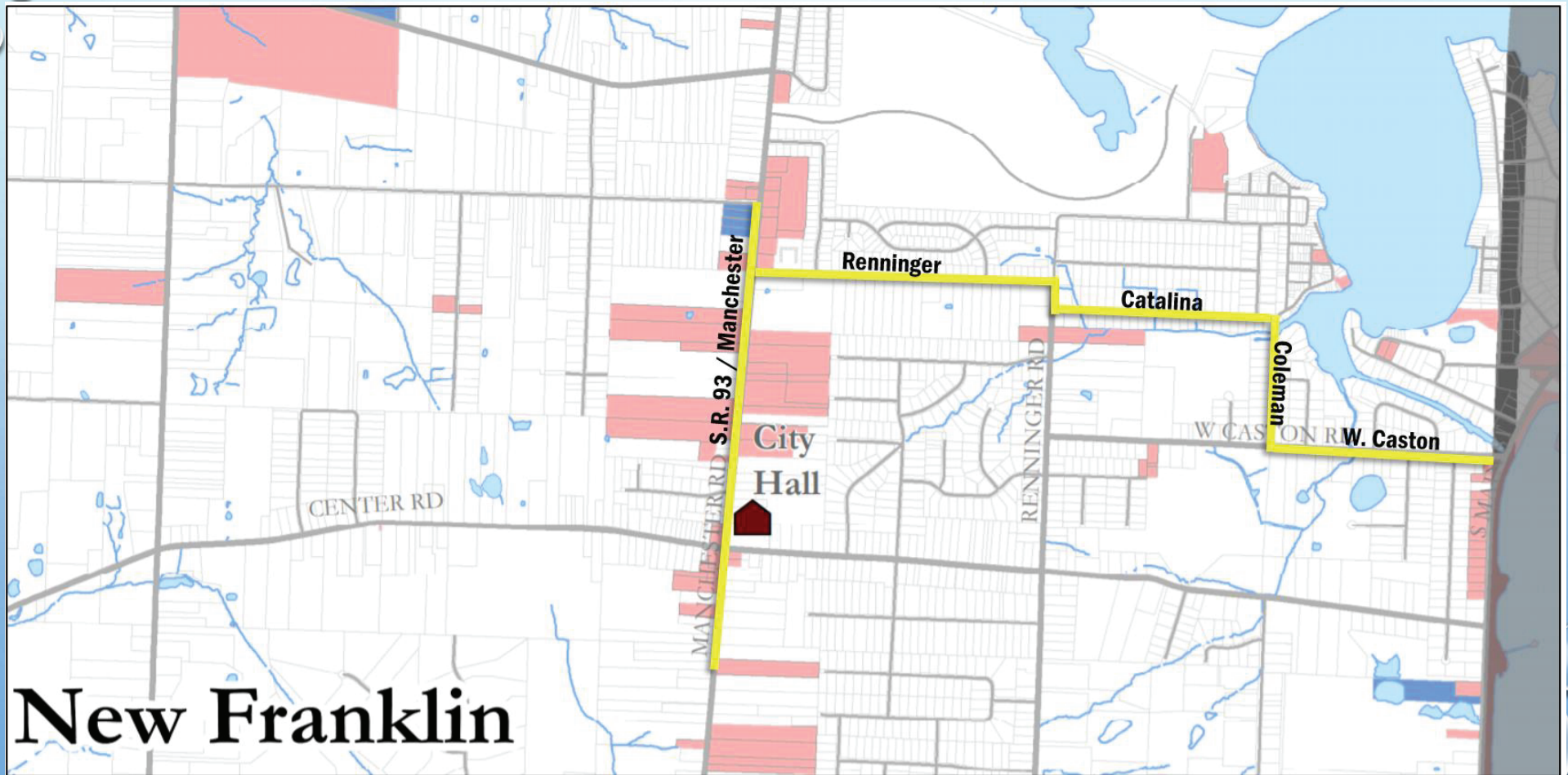
**Summer 2020:** Announce Award to City Council

# NEW FRANKLIN WATER PROJECT



- THE CITY OF NEW FRANKLIN, IN COLLABORATION WITH AQUA OHIO AND THE OHIO EPA, WILL BEGIN THE FIRST PHASE OF BRINGING WATER TO AREAS OF NEW FRANKLIN.
- THE CITY WAS SUCCESSFUL IN OBTAINING A WATER SUPPLY REVOLVING LOAN THROUGH THE OHIO EPA TO FUND THE \$4.2 MILLION DOLLAR PROJECT. THROUGH THE EPA'S PRINCIPAL FORGIVENESS PROGRAM, \$2.1 MILLION WILL BE ELIMINATED. AQUA OHIO WILL SUPPORT THE PROJECT WITH AN ADDITIONAL \$1.5 MILLION, LEAVING A BALANCE OF \$500,000.
- THE CITY WILL RECOUP THOSE REMAINING DOLLARS THROUGH COMMITMENT FEES FROM EXISTING BUSINESSES ON THE WATER ROUTE AND FUTURE IMPACT FEES COLLECTED AS CUSTOMERS TIE ON.

## LOCATION OF NEW WATER LINE



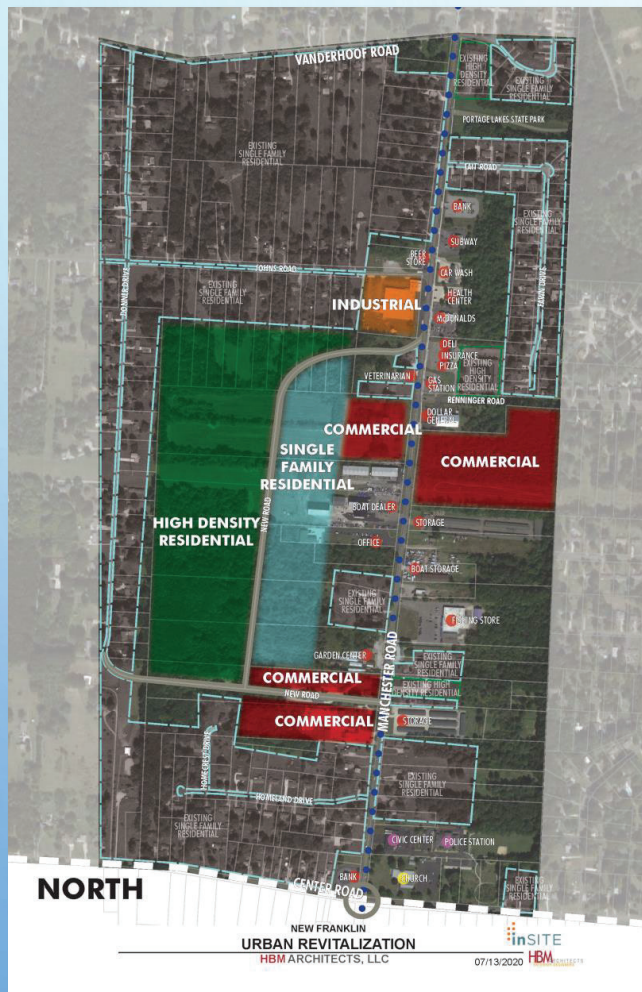


# COLLABORATION & TEAMWORK





# FUTURE PLANNING



# THANK YOU

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