



Laurens County Water and Sewer Commission

**Board of Commissioners Meeting
September 28, 2021**

Minutes

COMMISSIONERS PRESENT: Dime Hollingsworth (I), Philip O'Dell (II), Jurell Byrd, Secretary (III), Bill Teague, Vice Chairman (IV), Susan Curry, Treasurer (V), John McMurray, (VI), and Ted Davenport, Chairman (VII)

COMMISSIONERS ABSENT: Jimmy Young (Municipal)

STAFF: Jeff Field, Executive Director
Paula Bullard, Executive Administrative Assistant
KC Price, Engineering Manager
Damas Mattison, Regulatory Compliance and Operations Manager
Steve Griffin, Construction Manager
Angie Nelson, Director of Administration and Customer Service
Wendy Medlock, Director of Finance

ATTORNEY: Allen M. Wham

PRESS: The Clinton Chronicle

GUESTS: None

Call to Order

Invocation

Approval of August 24, 2021, Minutes

Chairman Remarks

Executive Director Remarks

LCWSC Monthly Financial Summary

LCWSC Monthly Operations Summary

New Business

1. Introduction of New Board Member
2. Review of Updated 20-Year Capital Improvements Plan

Executive Session

Upon returning to open session, the Commission may take whatever action deemed appropriate on matters discussed in executive session.

1. Contractual Matter related to Laurens CPW.

Old Business

1. Meter Replacement Project Update
2. Lake Greenwood Water Treatment Facility Update

Other Business

CALL TO ORDER

Chairman Davenport called the meeting to order at 8:20 am in the Training Rooms of the Laurens County Water and Sewer Commission.

Invocation was given by Commissioner Byrd.

APPROVAL OF MINUTES

Chairman Davenport asked if there were any additions or corrections to the August 24, 2021, minutes, as submitted to the Commissioners.

Commissioner Byrd MOVED *that the minutes be accepted as submitted*. MOTION SECONDED by Commissioner Curry. MOTION CARRIED. AYES, 5; NAYS, 0

CHAIRMAN REMARKS

Chairman Davenport welcomed everyone in attendance to the meeting. He introduced Mr. Dime Hollingsworth, the newest commissioner appointed to the Board of Laurens County Water and Sewer Commission representing District I. Chairman Davenport stated that while awaiting final notification of formal appointment from the SC Governor's Office, votes taken on official actions will not reflect participation of the newest commissioners appointed to the Board of Laurens County Water and Sewer Commission, Mr. Jimmy Young and Mr. Dime Hollingsworth.

EXECUTIVE DIRECTOR REMARKS

Mr. Field also welcomed everyone to the meeting and thanked Mr. Hollingsworth for serving as a commissioner on the Board of Laurens County Water and Sewer Commission.

Mr. Field requested an addition to the agenda to show the addition of Meter Change Out Plan to the section of New Business.

Commissioner Teague *MOVED to update the agenda to show the addition of Meter Change Out Plan to item #1 under Old Business*. MOTION SECONDED by Commissioner O'Dell. MOTION CARRIED. AYES, 5; NAYS, 0

LCWSC MONTHLY FINANCIAL SUMMARY

The monthly financial summary was presented to the Commissioners. A copy of the summary can be found in the Commissioner Board Packet.

As of August 31, 2021, LCWSC had a total of \$9,583,717 in cash for operating and reserve funds as compared to \$7,154,761 this time in FY21. As of August 31, 2021, LCWSC is awaiting an EDA reimbursement totaling \$147,096; the reimbursement will be outstanding until the Milam Road project is complete. With the EDA reimbursement, the total cash balance would be \$9,730,813.

Mr. Field discussed the highlights for Water Distribution, Wastewater, Lake Rabon, and the Town of Gray Court. He also provided the percentage breakdown for operating revenue, operating expenses, capital revenue, and capital expenses by department as well as the overall combined percentage for each.

He noted that there has been a small increase in water usage over the last month.

LCWSC MONTHLY OPERATIONS SUMMARY

The monthly operations summary was presented to the Commissioners. A copy of the summary can be found in the Commissioner Board Packet.

Mr. Field stated that the gallons per day per active residential tap for the month of August was 153. The target is 134 gallons per day. Mr. Field shared the precipitation graph noting that the August precipitation was 2.96 inches, which is 0.54 inches below that of August FY21. The precipitation data is a county average derived from rain gauges at Lake Rabon, Bush River Wastewater Treatment Plant, Bethany Tank, and the Clinton Pump Station.

Mr. Field discussed the work order summary for the current month reporting that 43 new taps were installed in the month of August 2021.

Mr. Mattison presented the full water audit slide reminding everyone that the formula is a rolling 12-month average for unaccounted water loss; the current month data is added as the one-year-old data is removed to determine the average. For the month of August, the unaccounted total is 16,774,216 gallons. The target each month is less than 19,500,000 gallons.

In August there were twelve main line leaks; all main line leaks were repaired within two weeks. There were seventeen lateral line leaks; thirteen were repaired within two weeks and four were repaired within a two-to-four-week time period.

Mr. Griffin gave the update for line extensions, including completed, and in progress. The upcoming line extensions are the for the Rest Road Project that will begin once needed information is received from DOT. Dean Woods and Phillips Lane projects will begin as soon as permits are received from Greenville County, the process takes about six to eight weeks to receive. Jerome Bailey project will begin within the next couple of weeks once all easement documents are completed.

NEW BUSINESS

1. Introduction of New Board Member

Chairman Davenport introduced Commissioner Diomedes (Dime) Hollingsworth, the newest board member representing District I; he resides in Fountain Inn with his wife and three daughters.

Commissioner Hollingsworth is an Advanced Structural Engineer employed with Century 3 Inc.; he is a graduate of Clemson University and Wake Forest. His interest is in helping the community to develop a sound water and sewer infrastructure. Commissioner Hollingsworth has previously served on the Habitat for Humanity of Greenville County Board and is currently an elder at Presbyterian Fellowship of Fountain Inn.

2. Review of Updated 20 Year Capital Improvements Plan

Mr. Field made note that an official vote to update the Capital Improvements Plan would not occur at the meeting today. The goal for today is to share knowledge and information. Mr. Field stated that currently there is a huge demand for expansion in the Laurens County area and a large amount of grant funding that is available for capital improvements. Ten years have passed since LCWSC has updated the Capital Improvements Plan. An updated capital improvements plan has been compiled with the assistance of the CIP Board Members, staff members, operators, directors, and the engineering and architecture firm Goodwyn Mills Cawood (GMC).

Mr. Field added that the LCWSC staff has done a thorough job of addressing the need and support for future growth to maximize the potential of all proposed projects.

Mr. Mattison presented a detailed power point presentation outlining the overall Capital Improvement Plan projects ranging from 0-25 years. Much of the focus of discussion was on improvement projects for the 0-5-year range.

The information presented a detailed description of each proposed project, a map of the proposed project area, the project cost, and funding sources. A bound copy of the Capital Improvement Plan was given to all in attendance. Included is a copy of the Capital Improvement Plan.

Executive Session

Upon returning to open session, the Commission may take whatever action deemed appropriate on matters discussed in executive session.

1. Contractual Matter related to Laurens CPW.

Commissioner Byrd MOVED that the ***Board of Commissioners Go into Executive Session at 10:59 am.*** MOTION SECONDED by Commissioner Curry . MOTION CARRIED. AYES, 5; NAYS, 0

Commissioner Byrd MOVED that the ***Board of Commissioners Come Out of Executive Session at 11:42 am.*** MOTION SECONDED by Commissioner Curry. MOTION CARRIED. AYES, 5; NAYS, 0

OLD BUSINESS

1. Meter Replacement Plan Update

Ms. Nelson presented a brief power point giving an update on the status of the Meter Replacement Project. In 2009 approximately 8000 Hersey meters were installed replacing broken or faulty meters; approximately 6000 of those remain located throughout the county, many of the remaining meters are failing at a high rate and beyond the 10 year warranty period . Also, meter re-reads are currently at a point that is unmanageable for the current staff leading to the estimation of customer bills; estimation per LCWSC policy will not occur more than twice for two consecutive billing cycles.

LCWSC has developed a plan for a continuous changeout while keeping the staffing needs to a minimum and staying within budgetary limits. Ms. Nelson explained that the newest meter is the Ultrasonic Badger E-Series. The advantages to the new meters are they are state of the art, do not have moving parts that will wear down and lose accuracy over time, uses transit time ultrasonic measurement technology, transducers send high frequency sound signals, microprocessor converts information into a meter read and flow data. Can better measure the water more accurately with low flow household fixtures, small particles are no longer a problem, and the meters have a twenty-year warranty accuracy.

Ms. Nelson stated that during fiscal year 2021 from September to June 1830 meters were changed out; the goal was 1800. The goal for fiscal year 2022 is 1825; currently 540 meters have been changed from July to September. The Hersey meter will be fully out of circulation in 2023.

2. Lake Greenwood Water Treatment Facility Update

Mr. Price provided an update on the Lake Greenwood Water Treatment Facility. He presented updated aerial photos of the Water Treatment Facility, the Administration Building, and the Intake Structure. As well as photos of the catwalk at the rapid mixer, interior of the ozone building, interior of the chemical feed building, interior of the lab and break room.

The asphalt and paving are in progress at the Administrative Building. Exterior lights have been installed above the windows just below the overhang on the exterior of the Administrative Building.

More lighting will be installed near the filters so that visibility is clear during all hours of operation. The chemical feeds are fully plumbed. The anthracite media is in place. The Lindy Air Oxygen Tank System will be delivered for the Ozone Building soon.

The kitchen appliances are being installed, the cabinets are in place, door fronts should arrive soon. The microbiology hood for ventilation has been installed in the lab.

The SCADA computer system is installed and being run through all necessary testing steps.

The stairs are in place at the rapid mix area, the grates have been installed for the walkway; however, all are not bolted down completely at this.

A sandblasting curtain is in place at The Milam Road elevated tank; painting is expected to begin soon.

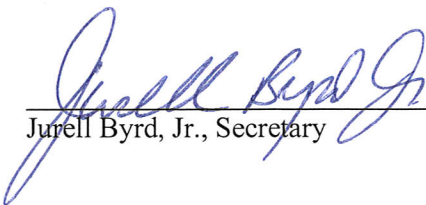
Commissioner Davenport asked if there was any other business to discuss. None was brought forward.

ADJOURN

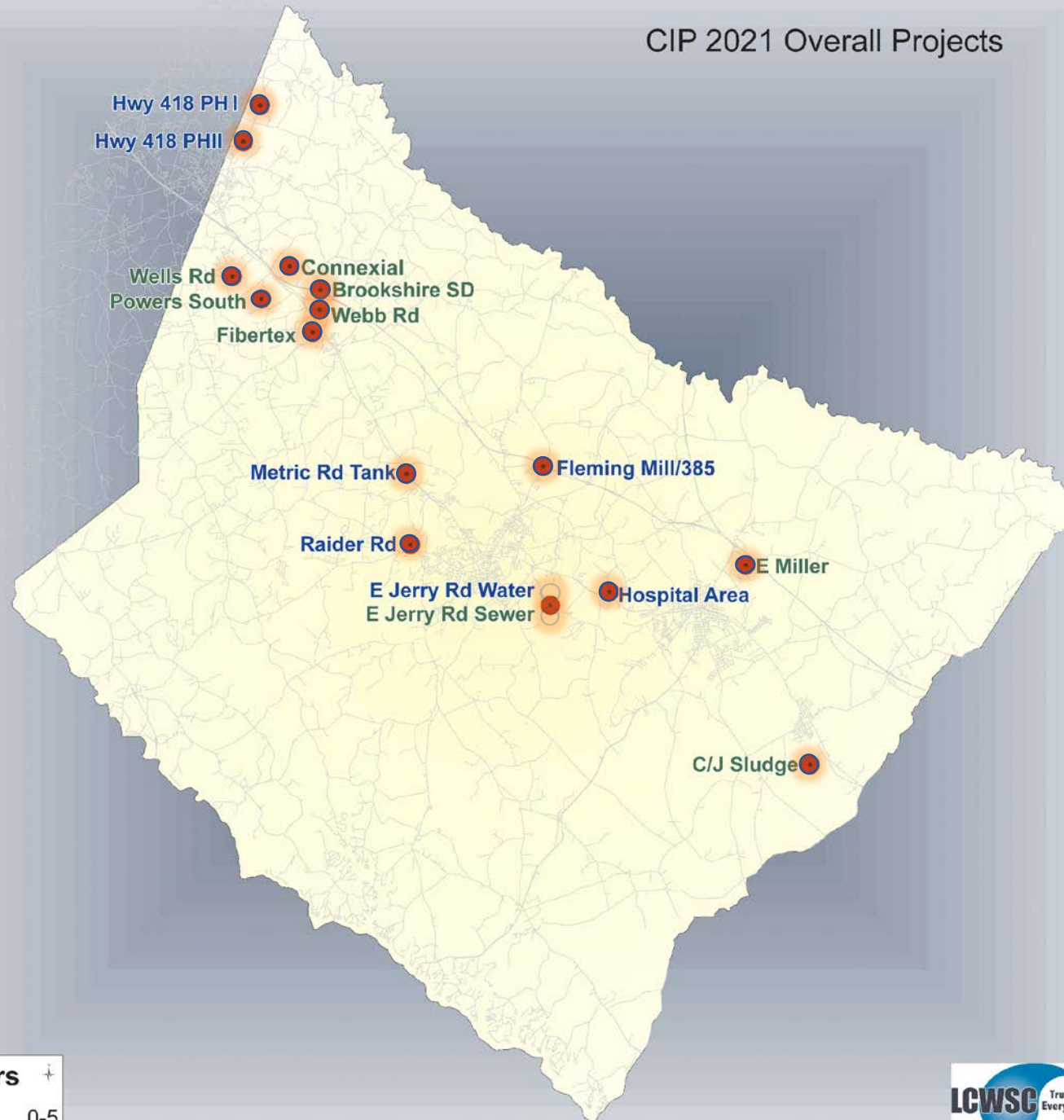
Commissioner Curry MOVED that the ***Board of Commissioners meeting be adjourned.*** MOTION
SECONDED by Commissioner Byrd. MOTION CARRIED. AYES, 5 ; NAYS, 0

There being no further business the Commission adjourned at 12:14 pm.

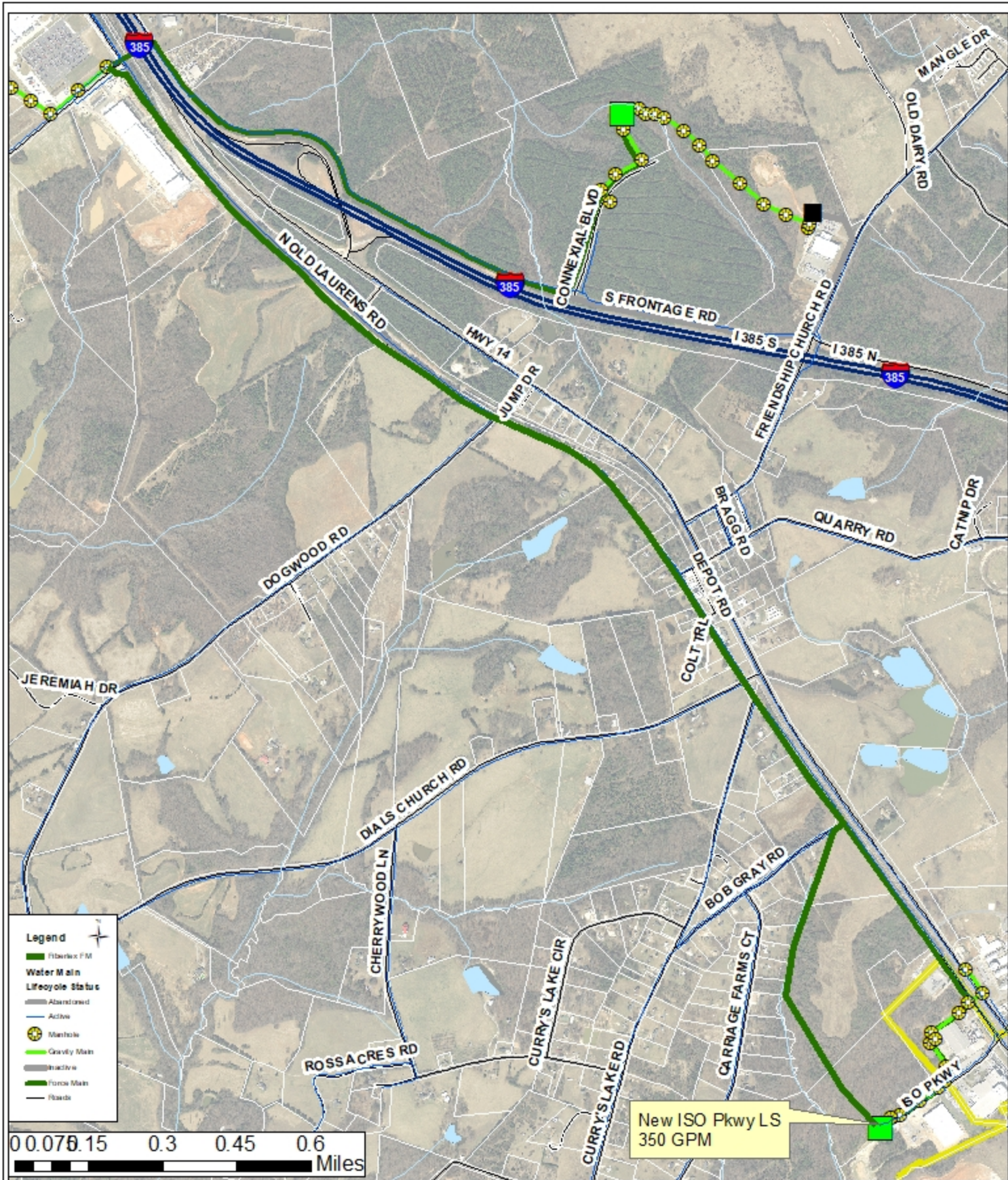
I certify that the above Minutes accurately reflect the business conducted at the Commission meeting on September 28, 2021, and that the minutes were approved at the meeting held October 26, 2021.


Jurell Byrd, Jr., Secretary

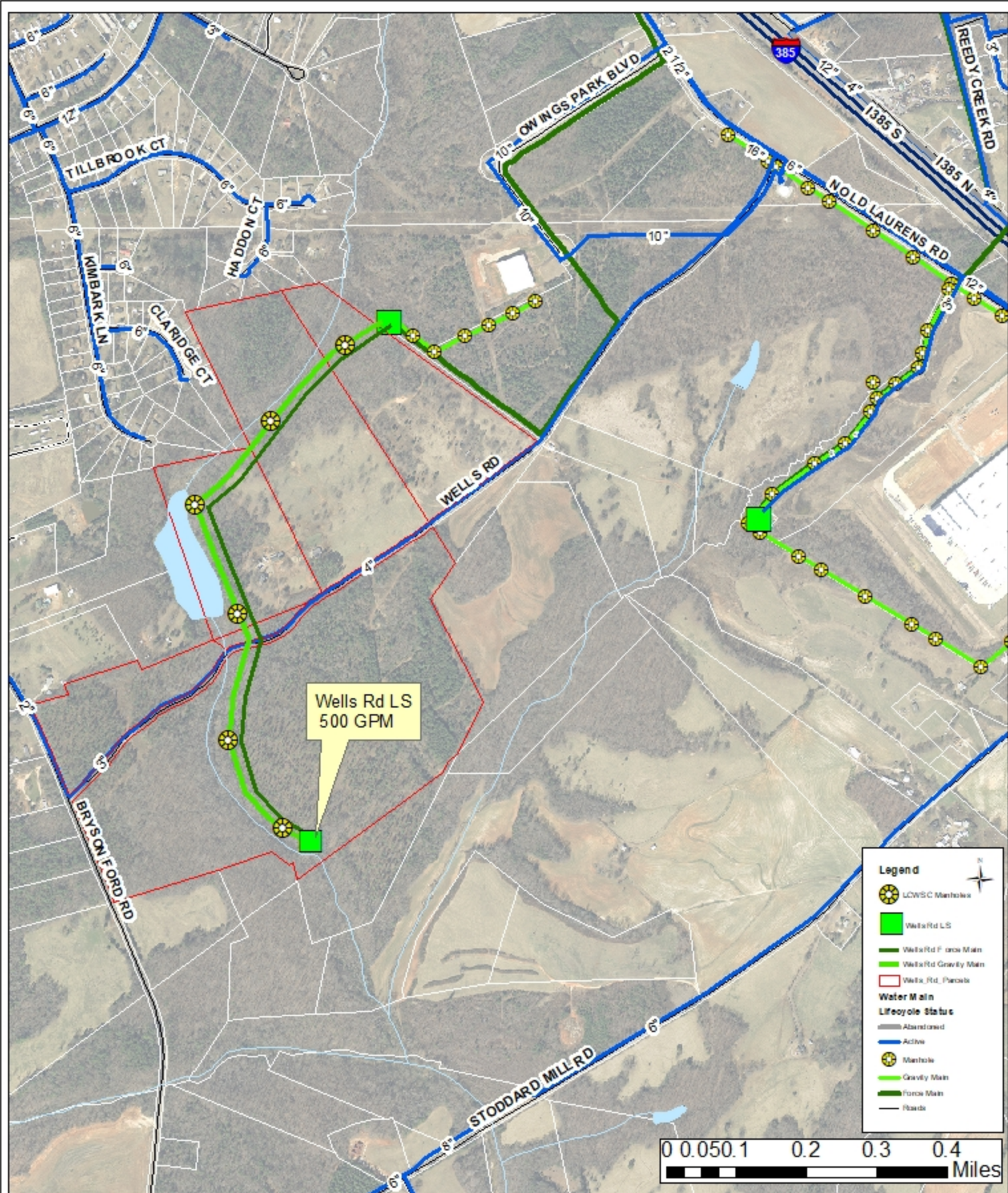
CIP 2021 Overall Projects



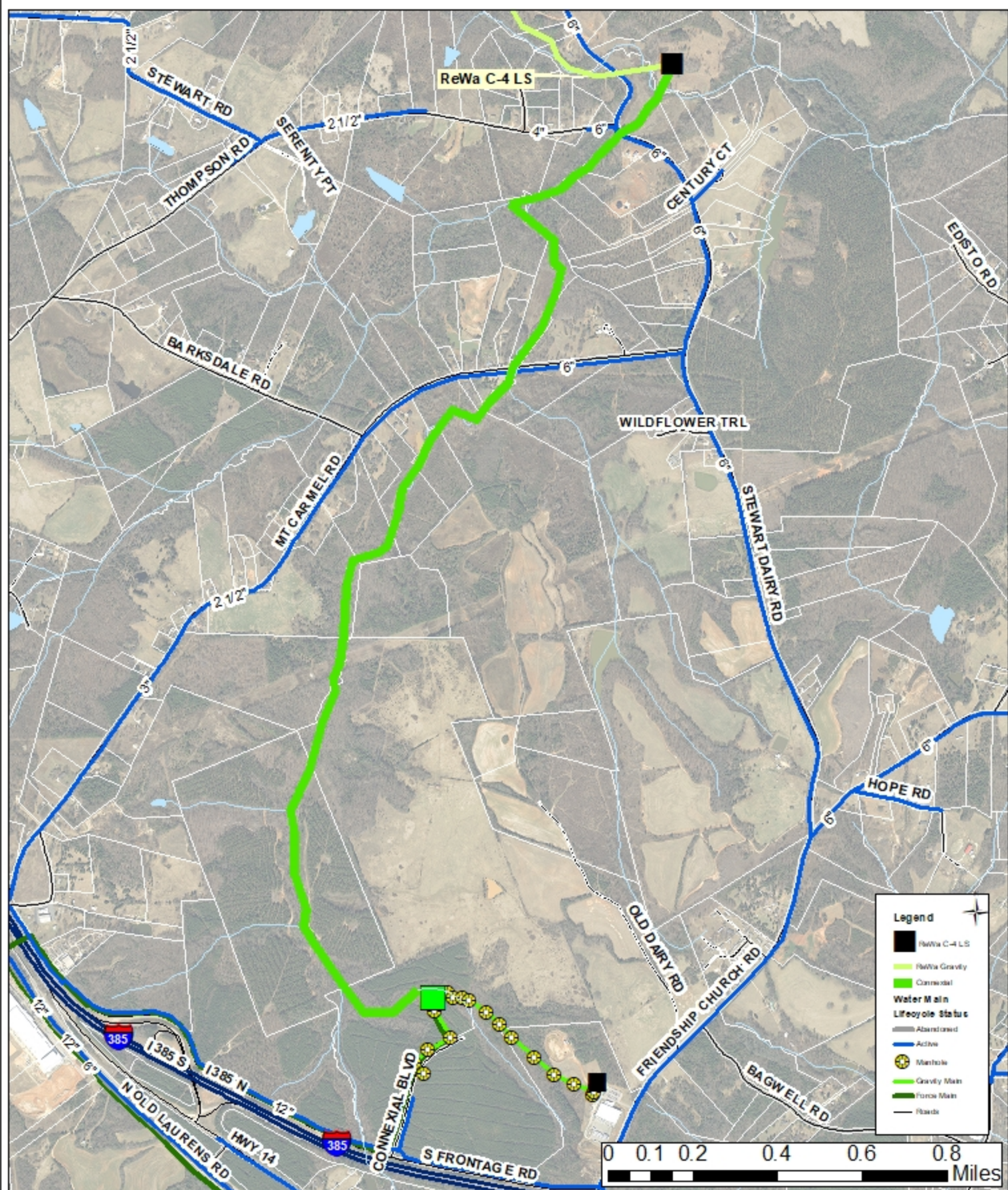
Years +
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Proposed Fibertex Sewer
 15,850 ft of 8" FM
 Project Cost: \$3,100,000
 Project Construction: 0-5 years

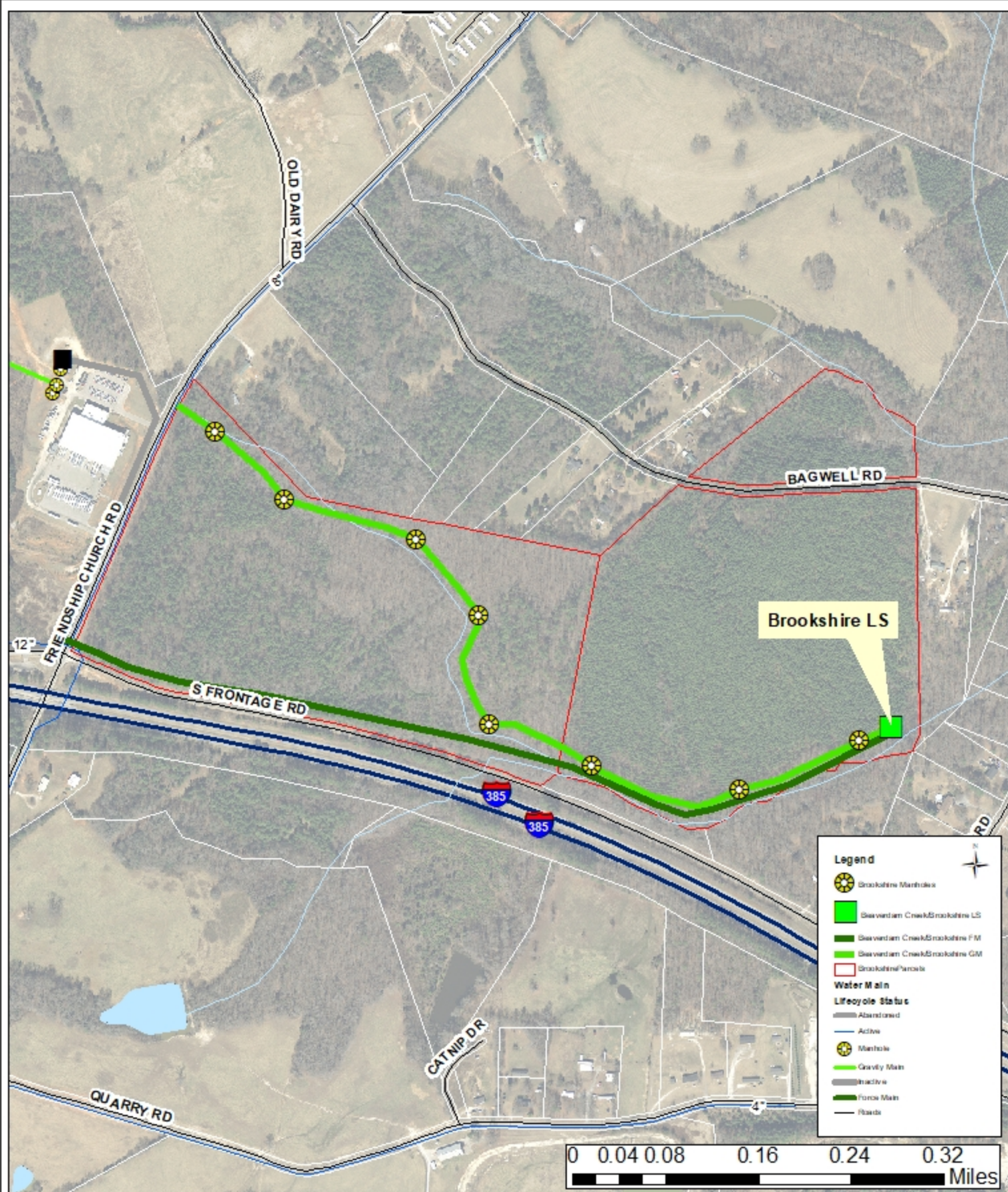


Proposed Wells Rd Sewer
 4,600 ft of 8" FM, 4600 ft of 12" GM
 Project Cost: \$2,278,000
 Project Construction: 0-5 years

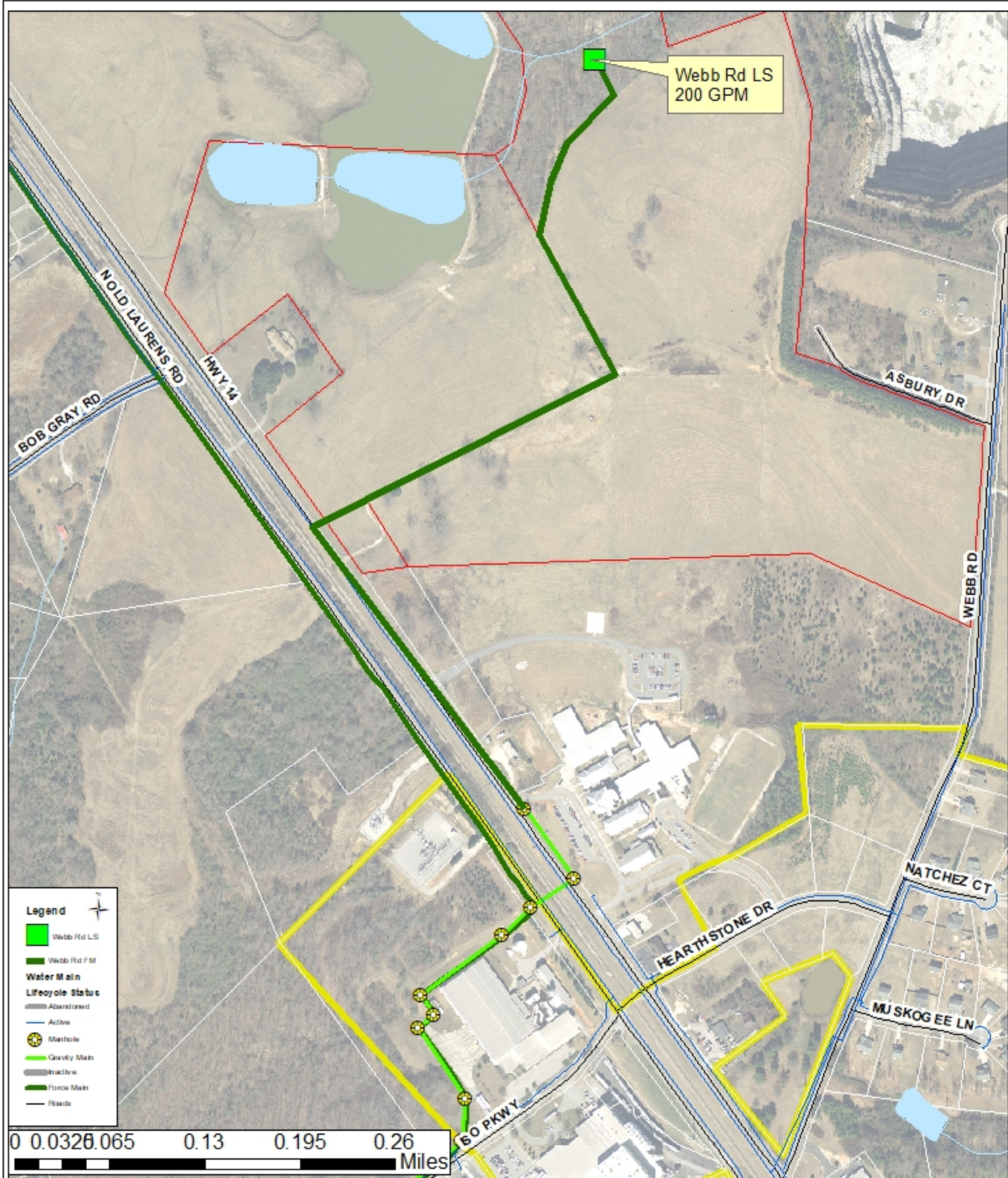


Proposed Connexial Gravity Sewer
 15,400 feet of 18" GM
 Project Cost: \$5,189,800
 Project Construction: 0-5 years

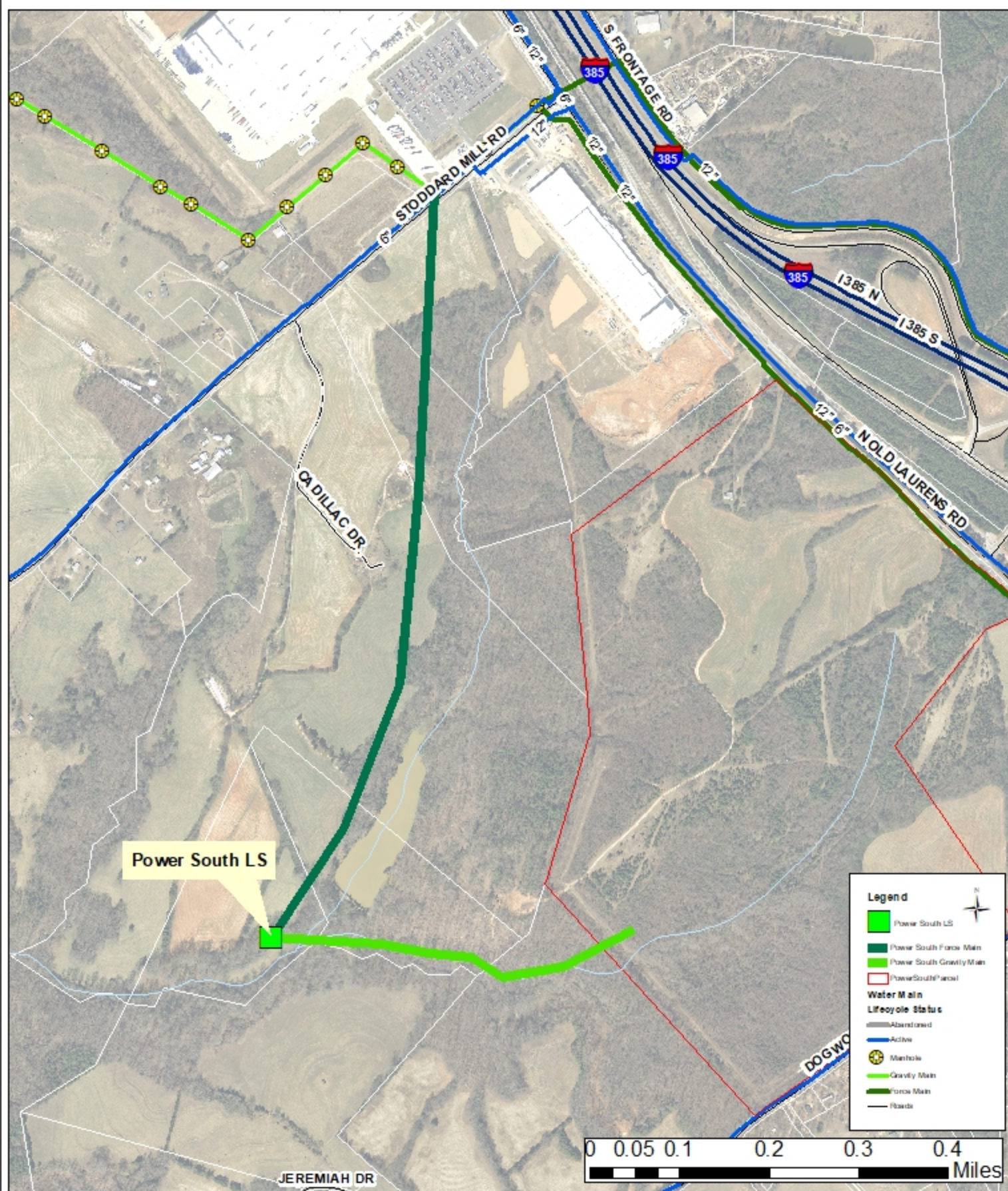




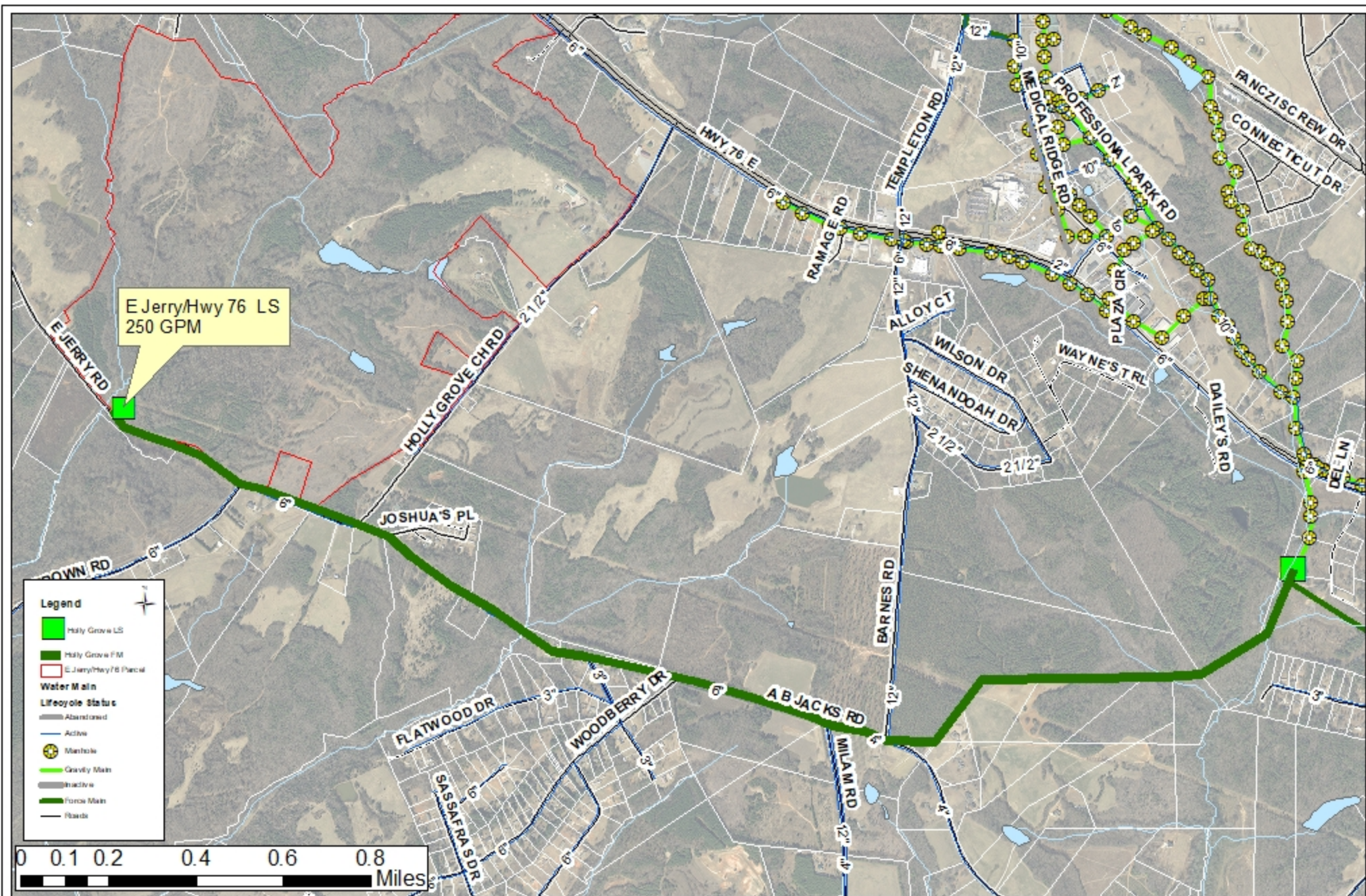
Proposed Beaverdam Creek/Brookshire Sewer
 4,000 ft of 6" FM, 4,300 ft of 8" GM
 Project Cost: \$1,768,400
 Project Construction: 0-5 years



Proposed Webb Rd Sewer
 3,800 ft of 6" FM
 Project Cost: \$2,422,000
 Project Construction: 0-5 years



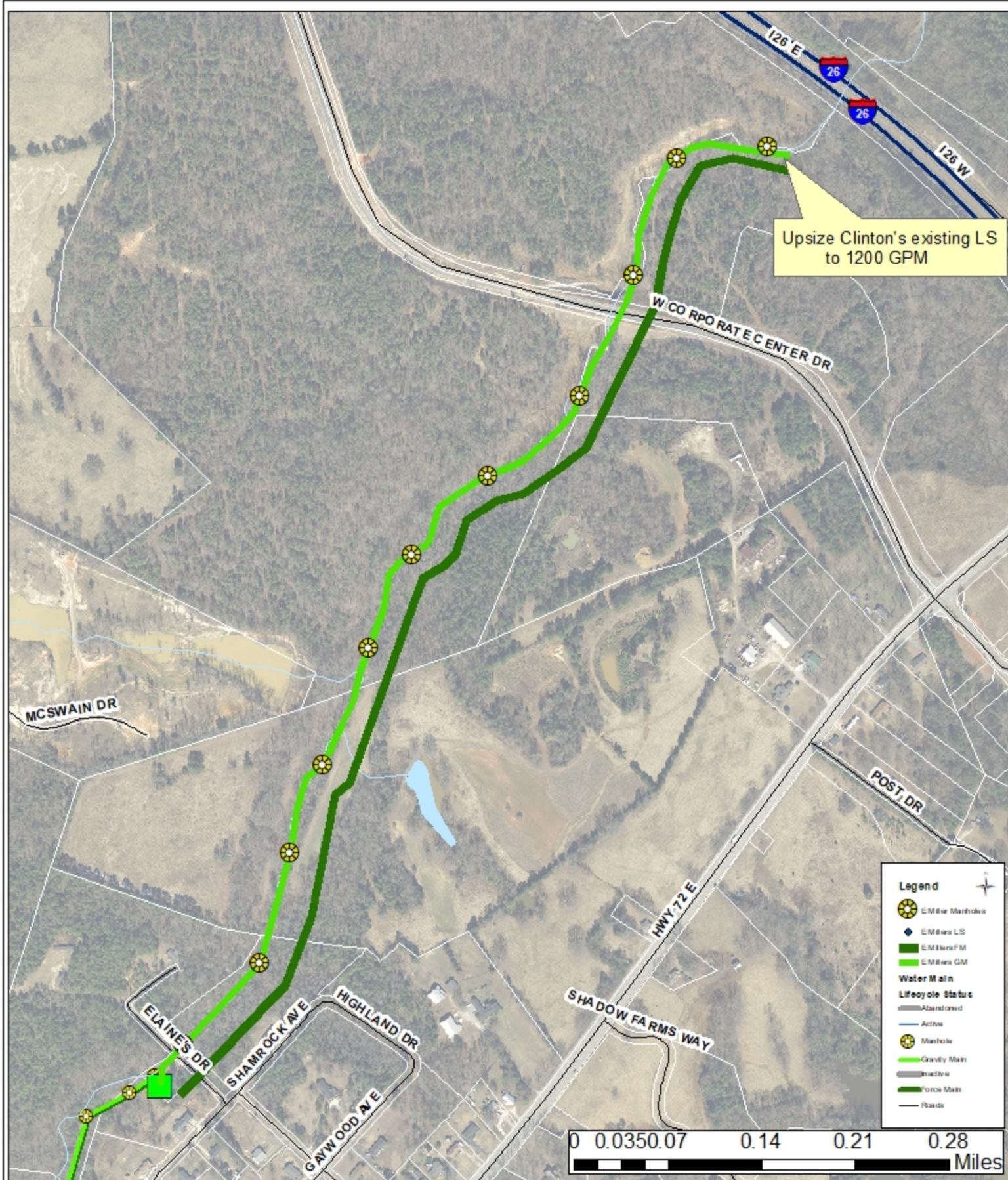
Proposed Power South Sewer
 4,500 ft of 6" FM, 2,000 ft of 8" GM
 Project Cost: \$1,659,500
 Project Construction: 0-5 years



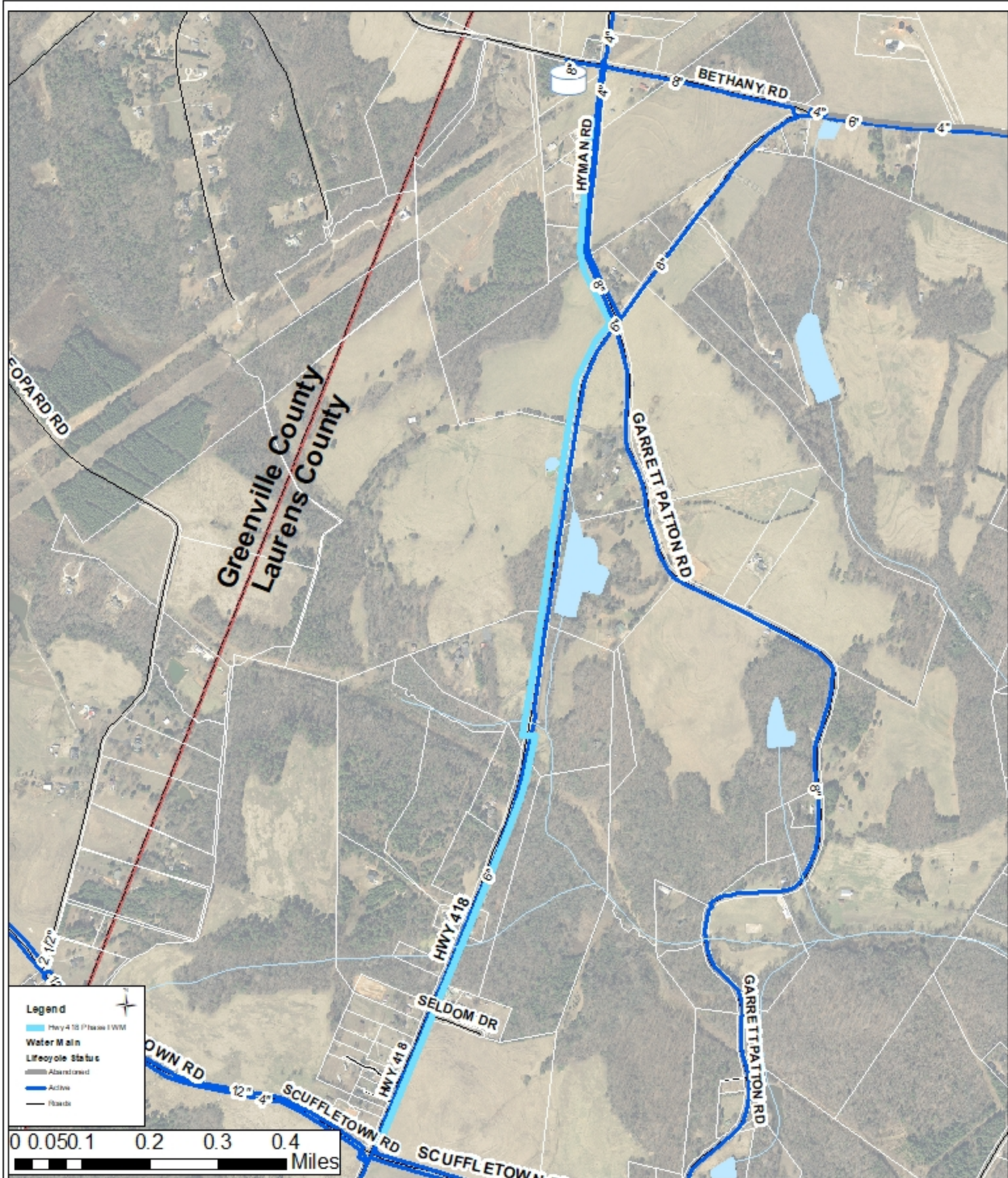
E Jerry/Hwy 76 Sewer
 16,300 ft of 8" FM
 Project Cost: \$2,433,000
 Project Construction: 0-5 years



Proposed C/J Sludge Handling
 Project Cost: \$2,000,000
 Project Construction: 0-5 years

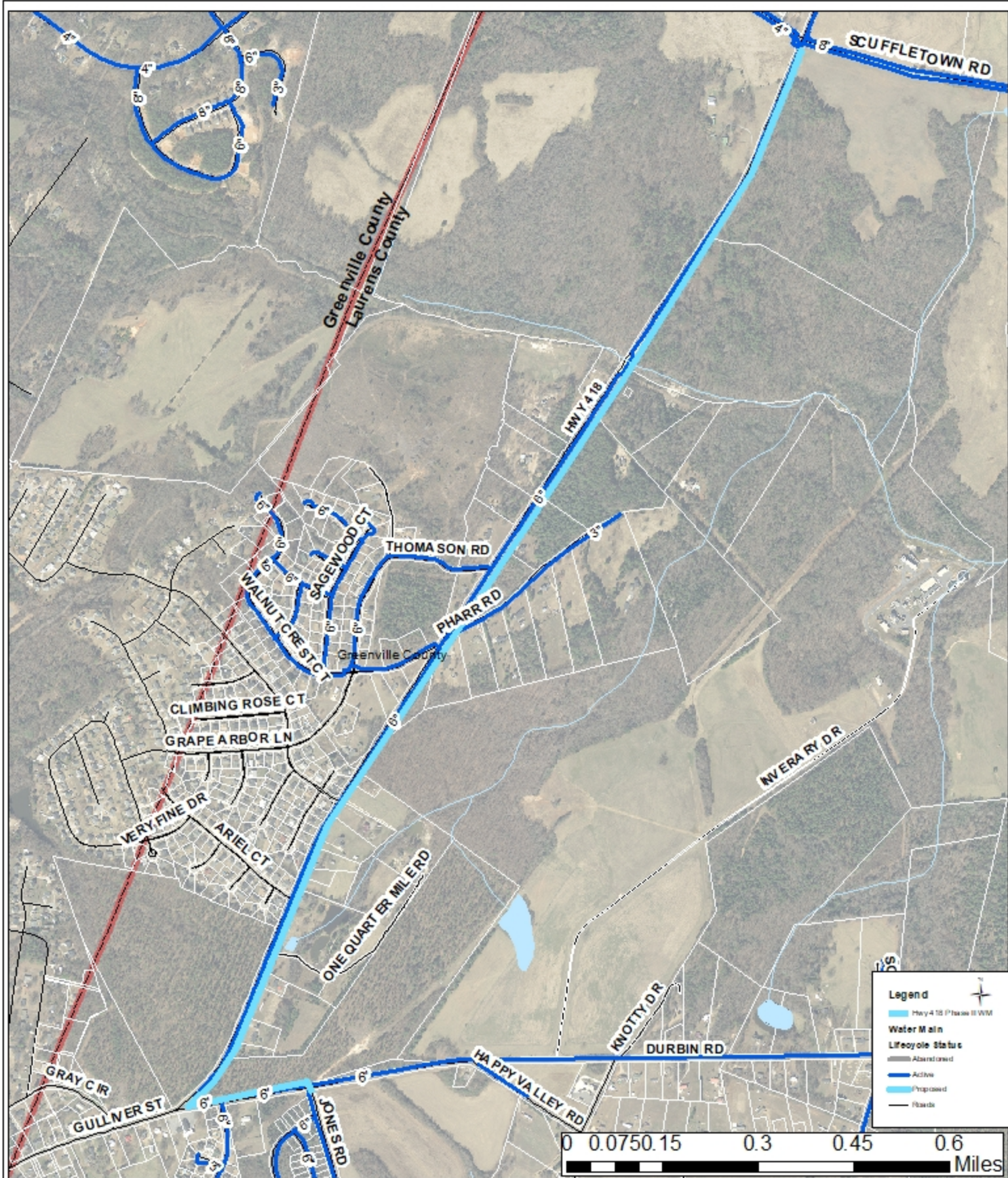


Proposed E Millers Sewer
 4900 ft of 12" FM, 4900 ft of 16" GM
 Project Cost: \$3,019,000
 Project Construction: 0-5 years

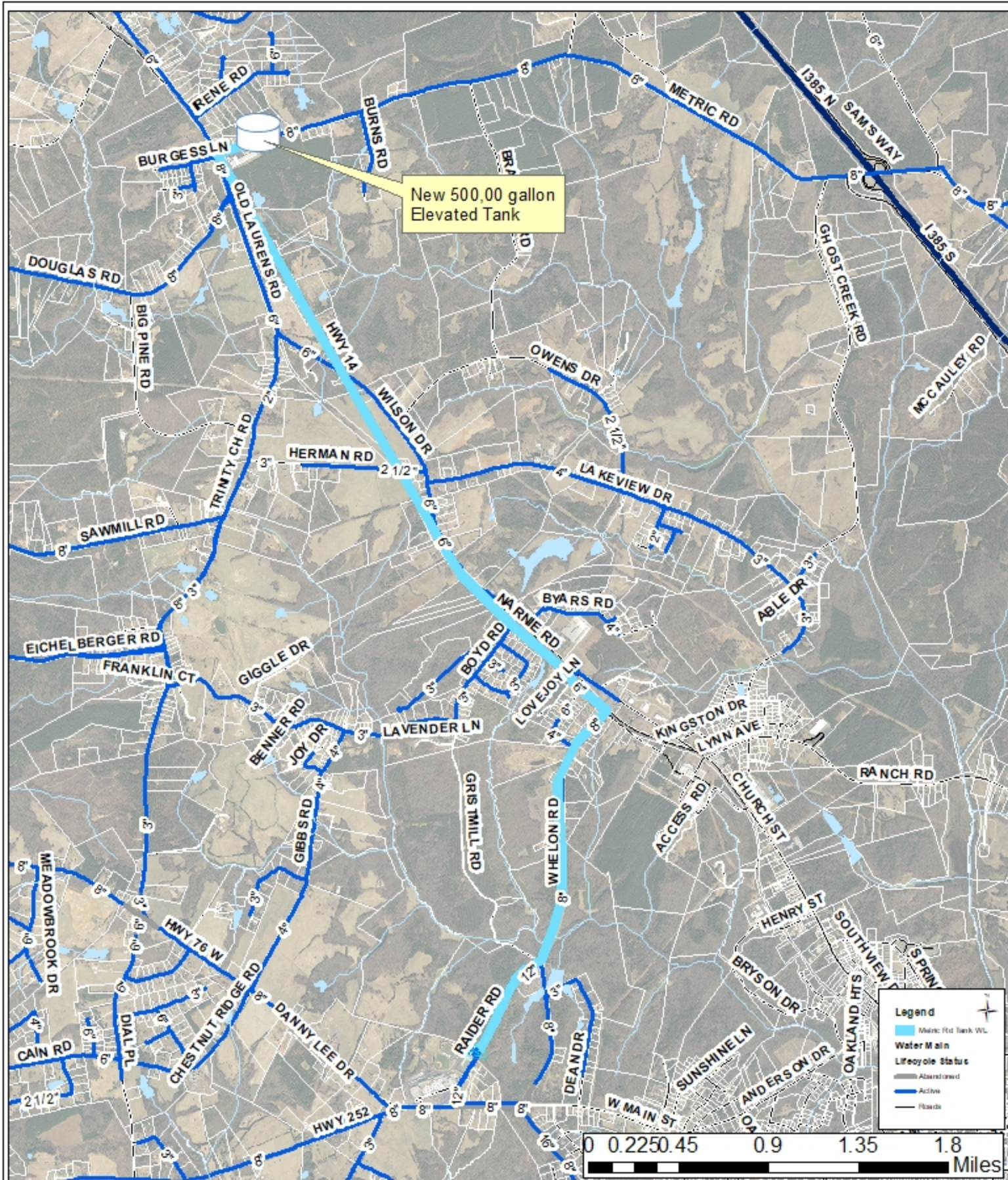


Proposed Hwy 418 Phase I Water
 8,850 ft of 12" DIP
 Project Cost: \$1,106,000
 Project Construction: 0-5 years



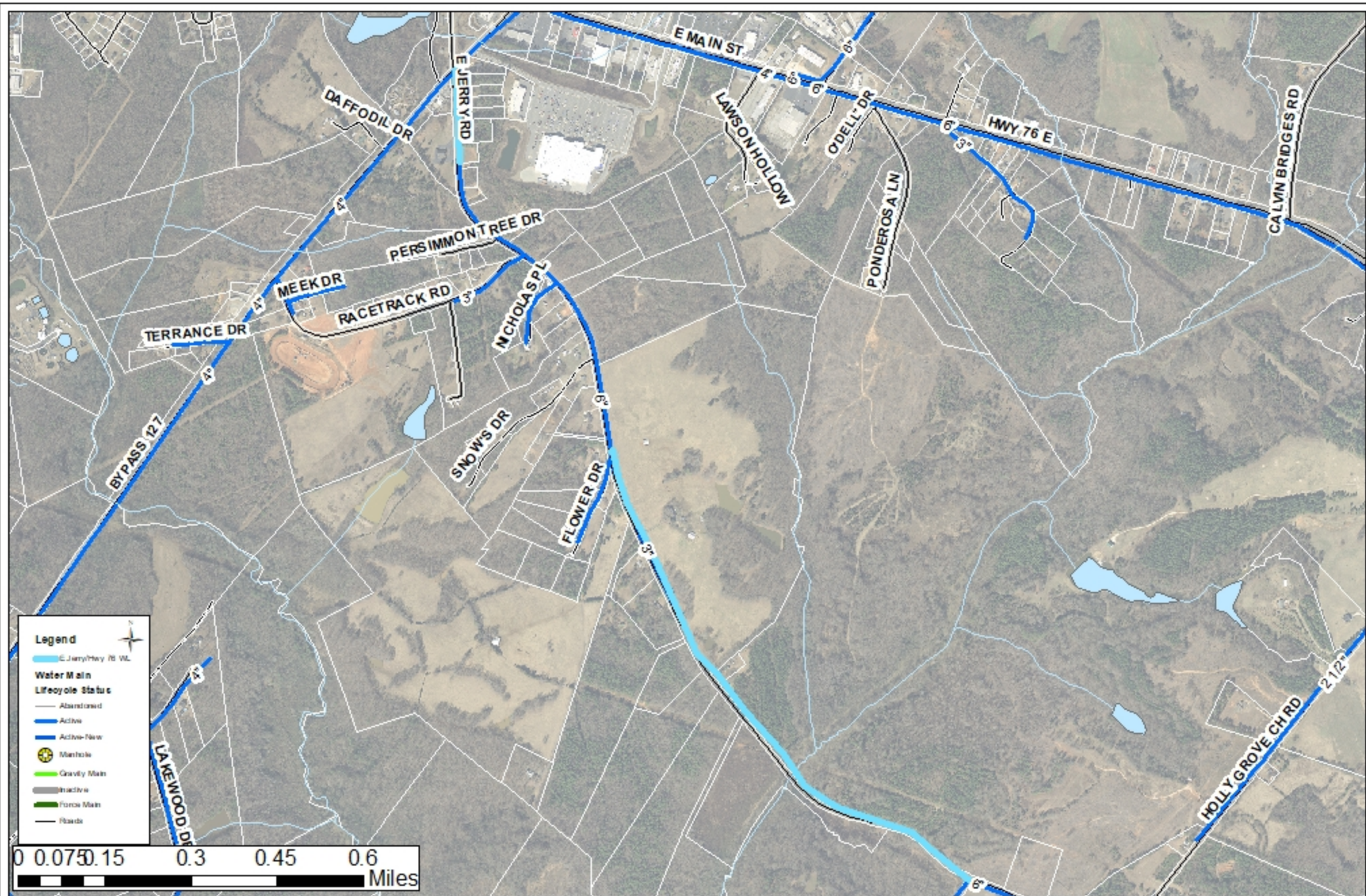


Proposed Hwy 418 Phase II Water
 11,200 ft of 12" DIP
 Project Cost: \$1,400,000
 Project Construction: 0-5 years

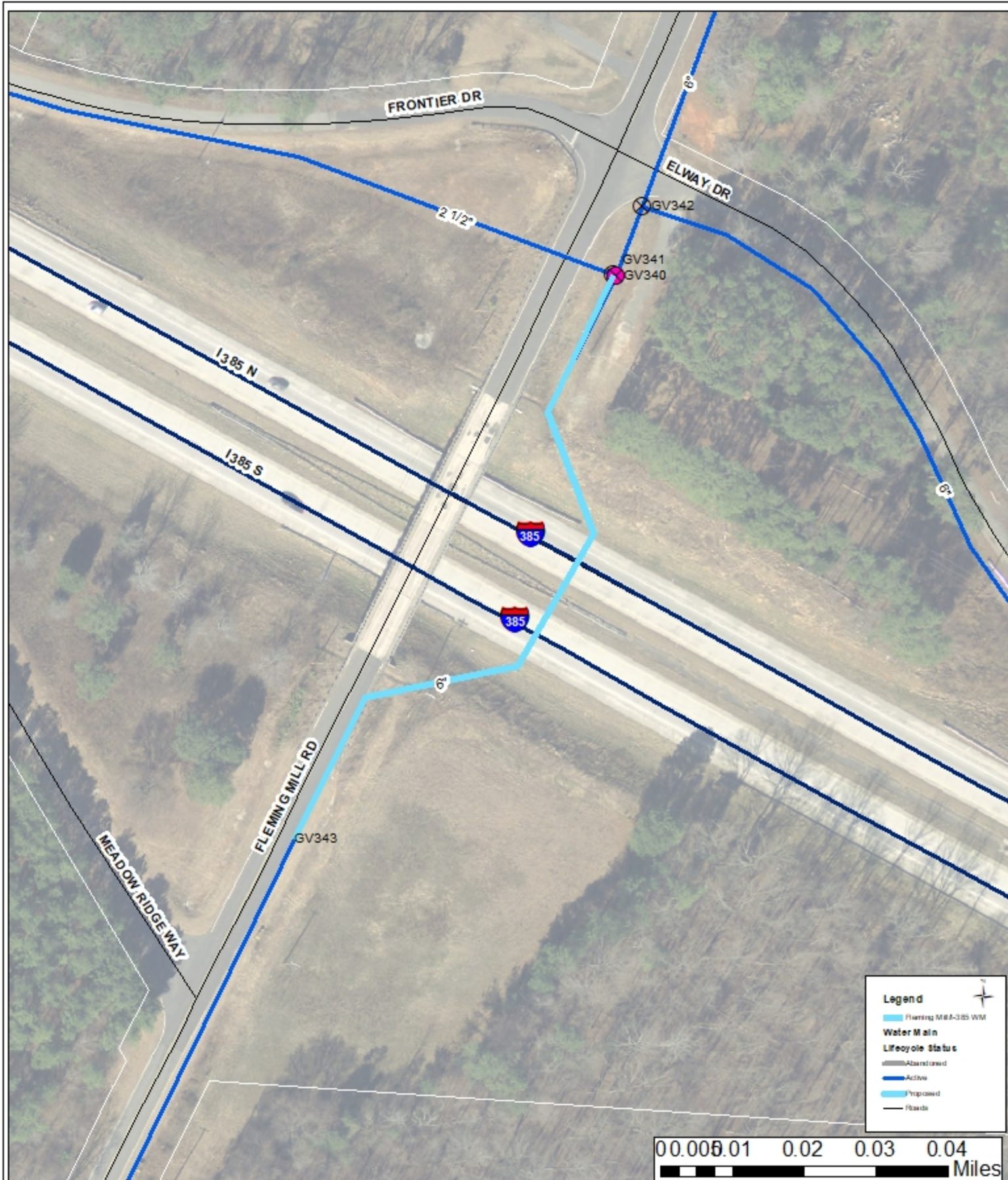


Proposed Metric Rd Elevated Tank
 29,500 ft of 16" DIP
 Project Cost: \$7,641,500
 Project Construction: 0-5 years

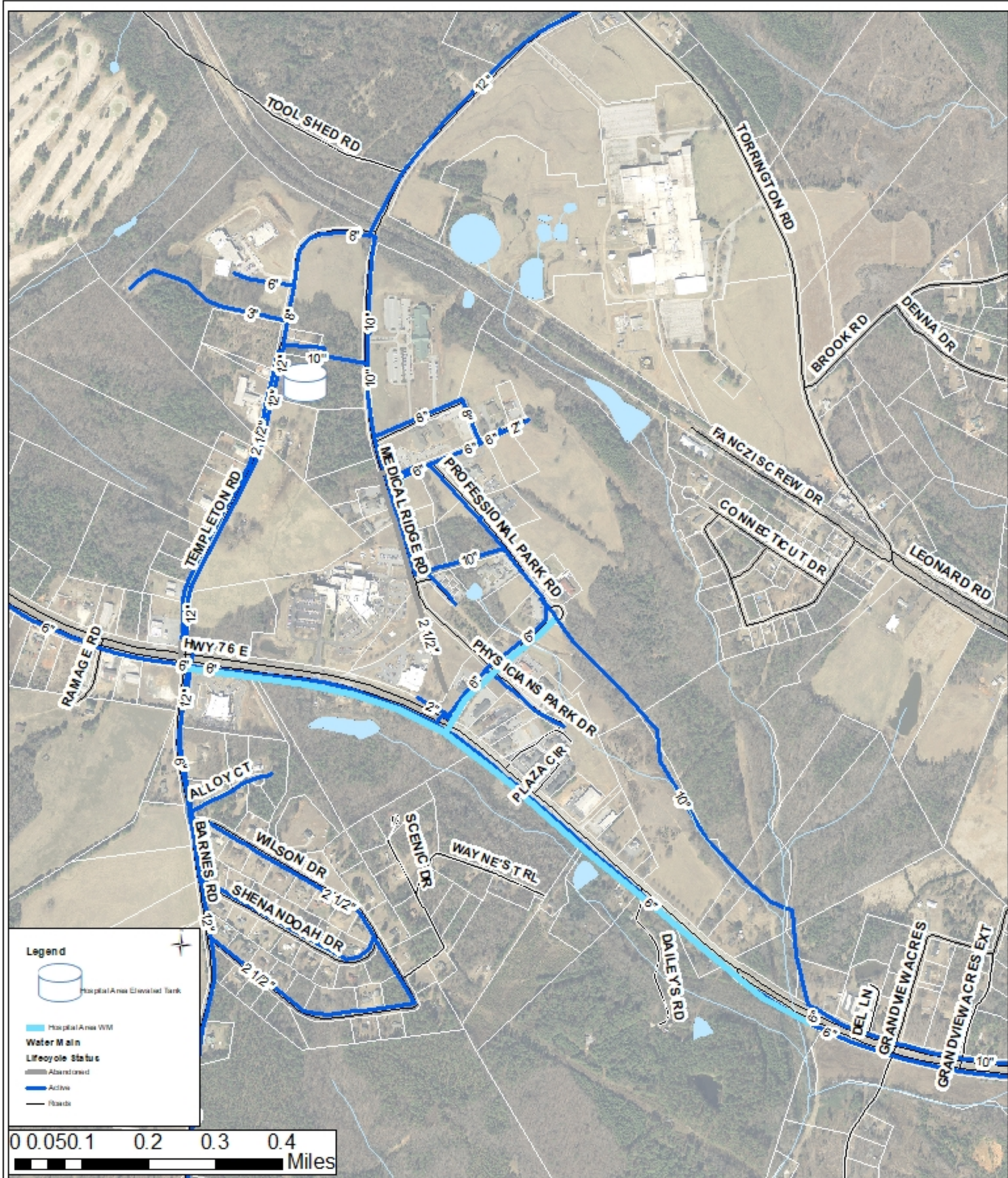




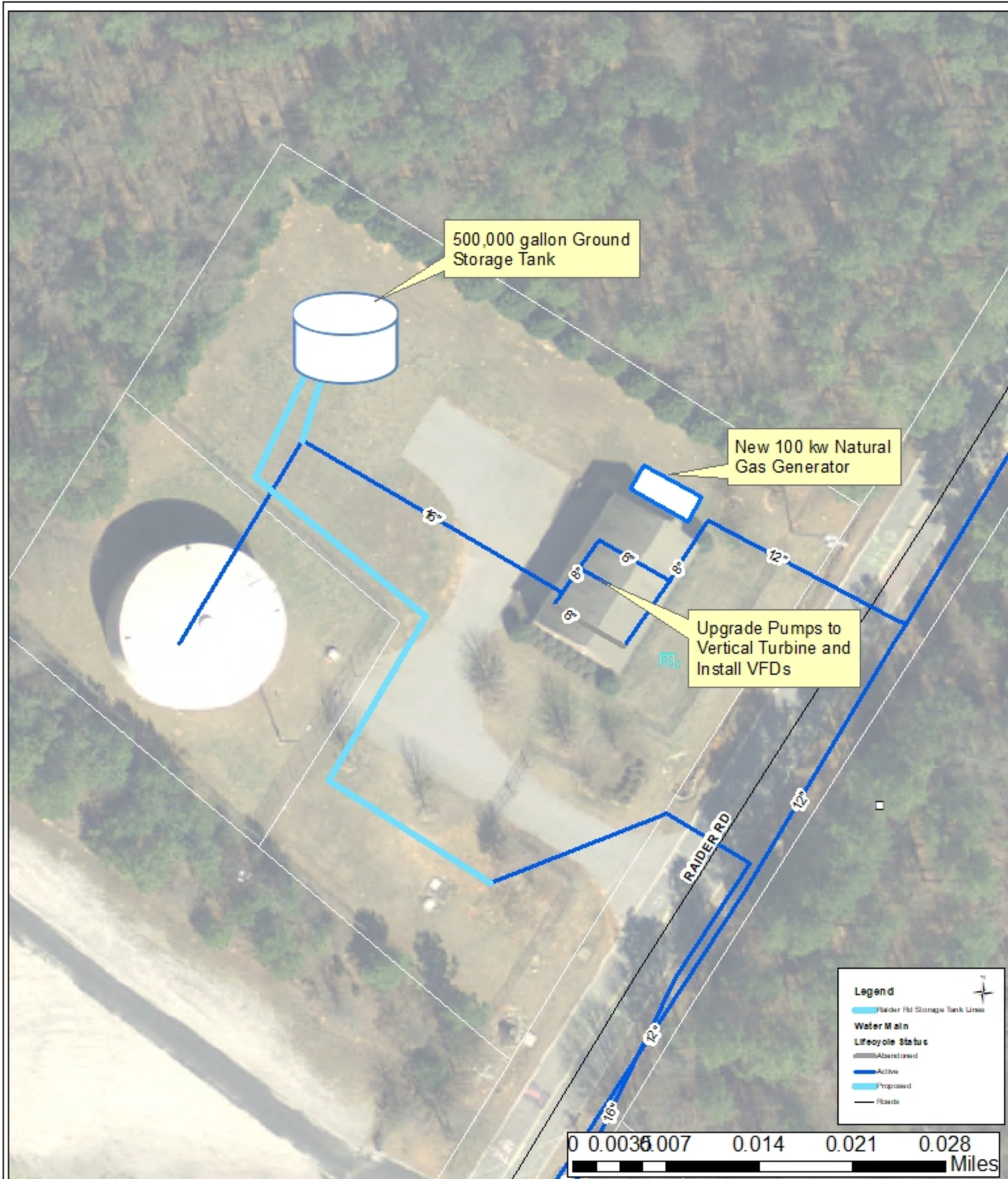
E Jerry/Hwy 76 Water Improvements
5,500 ft of 8" PVC, 850 ft of 6" PVC
Project Cost: \$359,990
Project Construction: 0-5 years



Proposed Fleming Mill/I385 Repair
550 ft of 8" HDPE in 12" HDPE Casing
Project Cost: \$80,000
Project Construction: 0-5 years



Proposed Hospital Area Water
 7,300 ft of 12" DIP, 1.0 MG Elevated Tank
 Project Cost: \$3,789,200
 Project Construction: 0-5 years



Proposed Raider Rd PS Upgrade
300 ft of 16" DIP and Upgrades
Project Cost: \$1,150,000
Project Construction: 0-5 years

Project Name	Division	Budget	EDA	SCRIA	CDBG	Other Contributed Capital	Developer Industry	Contributed Capital	% Funded	LCWSC contribution
Fibertex LS Upgrade	Sewer	\$ 3,100,000	\$ 2,000,000	\$ 500,000		\$ 300,000		\$ 2,800,000	90%	\$ 300,000
Wells Rd	Sewer	\$ 2,278,000				\$ -	\$ 2,278,000	\$ 2,278,000	100%	\$ -
Connexial Gravity	Sewer	\$ 5,189,000				\$ 5,189,000		\$ 5,189,000	100%	\$ -
Brookshire	Sewer	\$ 1,768,400				\$ -	\$ 1,768,400	\$ 1,768,400	100%	\$ -
Webb Rd	Sewer	\$ 2,422,000				\$ -	\$ 2,372,000	\$ 2,372,000	98%	\$ 50,000
Power South	Sewer	\$ 1,659,500				\$ 1,659,500		\$ 1,659,500	100%	\$ -
East Jerry / Hwy 76 Sewer	Sewer	\$ 2,594,000				\$ 1,494,000	\$ 1,100,000	\$ 2,594,000	100%	\$ -
C/J Sludge Handling Project Phase II	Sewer	\$ 2,000,000		\$ 500,000	\$ 1,000,000	\$ -		\$ 1,500,000	75%	\$ 500,000
East Millers Fork	Sewer	\$ 3,144,000				\$ 3,144,000		\$ 3,144,000	100%	\$ -
Sewer Totals		\$ 24,154,900	\$ 2,000,000	\$ 1,000,000	\$ 1,000,000	\$ 11,786,500	\$ 7,518,400	\$ 23,304,900		\$ 850,000
Hwy 418 Phase I	Water	\$ 1,106,000		\$ 500,000		\$ -		\$ 500,000	45%	\$ 606,000
Hwy 418 Phase II	Water	\$ 1,400,000		\$ 500,000		\$ 900,000		\$ 1,400,000	100%	\$ -
Metric rd	Water	\$ 7,641,500	\$ 5,406,800			\$ -		\$ 5,406,800	71%	\$ 2,234,700
East Jerry Rd Water Improvements	Water	\$ 359,990				\$ -		\$ -	0%	\$ 359,990
Interstate 385 Crossing at Fleming Mill	Water	\$ 80,000				\$ -		\$ -	0%	\$ 80,000
Hospital Area	Water	\$ 3,789,200				\$ 3,789,200		\$ 3,789,200	100%	\$ -
Raider Rd Upgrade	Water	\$ 1,150,000				\$ 759,000		\$ 759,000	66%	\$ 391,000
Water Totals		\$ 15,526,690	\$ 5,406,800	\$ 1,000,000	\$ -	\$ 5,448,200	\$ -	\$ 11,855,000	\$ 4	\$ 3,671,690
0-5 System Totals		\$ 39,681,590	\$7,406,800	\$2,000,000	\$1,000,000	\$ 17,234,700	\$ 7,518,400	\$35,159,900		\$ 4,521,690