

Public Works/Engineering Master Project List

December 2023

PROJECT	Description	STATUS	DESIGNER	CONTRACTOR	START	COMPLETION
412 Water Line Project	Construction of approximately 12,350 linear feet of 18" ductile iron water transmission main along the HWY 412 corridor. Project will improve water system hydraulic function, and provide a needed larger feed to the eastern portion of the City that is currently served by 4", 6", and 8" water mains. This water main will act as the supply "backbone" for the City of Tontitown.	In Construction	Garver	Goodwin & Goodwin	4/17/2023	4/17/2024
S Pianalto Sewer Line Extension	Construction of approximately 2,750 linear feet of 8" sewer main. Project will bring public sewer to the San Gennaro Subdivision along Pianalto Road while also seeding the area to the north for future growth.	Construction in Progress	Garver	Tri-Star Contractors	September 2023	March 2024
Klenc Sewer Line Extension	Construction of over approximately 10,000 linear feet of 8" and 12" sewer main. Project will bring public sewer to the Klenc Road area, starting just south of HWY 412 and extending 4,000 ft south, and also east to Barrington Road in the central part of the City that is currently unserved.	In Construction	Garver	Tri-Star Contractors	September 2023	March 2024
S Barrington Water Line Extension	Construction of approximately 1,500 linear feet of 8" water main along South Barrington Road. Project will be this area into a fire suppression zone that formerly had no protection. Project will add several Fire Hydrants to the area.	Completed	Plymoth Engineering	In-House Construction	October 2023	November 2023
Wildcat Creek Water Line Extension	Construction of approximately 5,600 linear feet of 8" water main along Wildcat Creek BLVD. Project will replace an existing 3" water main that is currently under the paved roadway. This section of 3" is the one of the worst hydraulically performing sections of the water distribution system and is consistently prone to leaks/breaks. This is the first phase of a larger project to to continue the 8" along Wildcat Creek BLVD that will ultimately connect to the water system at S Pianalto, creating an 8" loop in the mid south region of Tontitown for fire protection.	Construction in Progress	Garver	Goodwin & Goodwin	~October 2023	~March 2024
1 MG Water Storage Tank	Construction of a 1 million gallon elevated storage tank in the eastern region of Tontitown to supplement the City's water storage capacity. Currently, Tontitown has a 0.5 million gallon elevated storage tank that is undersized for storage needs for the city. At minimum, Arkansas Department of Health requires at least 24 hours of storage volume plus fire suppression; the current tank only provides less than ~12 hours of storage based on todays demand. Continued growth will only exacerbate the problem moving forward. The project has been approved by ADH.	Funding	Garver	TBD	TBD	TBD

Citywide Drainage Study	Project started by Planning to understand the drainage challenges of the city that could be complicated by growth across the City. The project has identified 11 areas of concern that will require further study to determine localized needs and specific project funding requirements.	Draft complete - Proposal presented for individual drainage basins	Garver	Garver	Ongoing	
Brush Creek Sewer Interceptor	Project proposes the construction of approximately 6,000 linear feet of 18" sewer main from the Barrington Sewer Lift Station to the NCAA conveyence line at Javello Road. This project would decommission the Barrington Lift Station that is quickly approaching its maximum pumping capacity and will require a major upgrade in the near future. The interceptor line would also reduce operations and maintenance for the water and sewer department.	Survey/Design	Garver	Garver	TBD	TBD
Wastewater Master Plan	Project evaluates the sewer needs of the City by performing a hydraulic analysis of the current system and indentifies future needs. The Master Plan indentifies major system defencies, and proposes future projects to maximize the wastewater collection system. The master plan should be updated on a 5 year basis.	In Progress	Garver	Garver	Ongoing	
Hwy 412/612 Sewer Extension	Project proposes to extend 12" sewer main from Liberty AVE to Old HWY 68 to provide sewer service to future HWY 612 interchange. The area is currently unserved by public sewer. If this area is to become a major commercial corridor, public sewer will need to be there to support the growth.	Drafting	Garver	Garver	TBD	TBD
Water and Sewer Specifications	Update the Tontitown Water and Sewer Specifications that were previously approved in 2018. Updates are needed accomidate changes in materials and construction methods since the last edition.	Staff Review Ongoing	Garver	Garver	Ongoing	
Hwy 112 Widening - W&S Relocation	Project will involve relocating serval miles of water and sewer insfrastructure along HWY 112 to support the expansion of the HWY by ArDOT. This extends from Tontitown North and South city limits. The project will be mostly reimbursed by ArDOT; however, all upfront costs will be the burden of the City until reimbursement. The City required by the State to relocated all utility lines in the ROW.	Survey/Design	ArDOT/Garver	ArDOT/Garver	TBD	TBD
Mantegani Half-Street Improvement	Project involves the design of the western half of Mantegani from the Venetto Subdivision to the HWY 412. City is responsible for the design work to support the subdivsion per prior agreement.	Design Complete	City Engineer	City Engineer	September 2023	October 2023
Mantegani Sewer Line Extension	Project involves the construction of 6,900 linear feet of 18" interceptor sewer main along Mantegani Road to provide additional sewer service to the Central area of Tontitown. Project would also reduce santiary flows to the Barrington Lift Station.	Easements/ Funding	Garver	TBD	TBD	TBD

City Utility GIS Survey	Project involves updating the Water and Sewer GIS system for better efficiency within the Water and Sewer Department. Data was last collected several years ago with GPS equipment with 30 foot accuracy (VERY BAD) and is of little use for daily operations. All water and sewer infrastructure will be resurveyed with 3 cm accuracy and presented with the ArcGIS Online platform.	Ongoing	City Engineer	In-House Project	2024	Late 2024
City Utility GIS Mapping	Projects involved creating an online portal through Arc GIS online for the City employees and the public to reference utility locations for Tontitowns water and sewer infrastructure.	Ongoing	City Engineer	In-House Project	2024	Late 2024
Klenc Stop Light	Project would install a traffic signal at Klenc and HWY 412. Project is a colabortive effort with ArDOT and has currently been ongoing for 3 years. Currently the City is involved with ROW acquisition.	Project cost has doubled. City will seek additional funding.	ArDOT	TBD	Late 2024	2025
STBGP Grant for HWY 412 and Barrington Improvements	Project would involve widening Barrington Road with a third turn lane and adding a pedstriar tunnel under HWY 412. Specficallly, the City is underway with Phase I which involves Environmental Assessment and Preliminary Engineering Design	Just Funded Phase I	TBD	TBD	Late 2023	Late 2024
Bandini Overlay	Project involves overlaying Bandini AVE from the new Tontitown Fire Station to Barrington Road to 26' wide to be compliant with Fire Code access roads. Project was recently funded by ArDOT and funding is set to be released in late 2024	State Aid Street Project. To be completed in 2024	City Engineer	In-House Project/ArDOT	Late 2024	Early 2025
Barrington Overlay	Project involves overlaying a section of Barrington Road that was milled to improve public safety to reduce hydroplaning on Barrington during rain events. Since the milling, a property owner has complained about noise and damage to his/her residence. This section will be overlaid with 2" asphalt surface course.	Completed	N/A	Tomlinson Asphalt CO	Fall 2023	Fall 2023
Tontitown Water Service Area Expansion	Project involves incorporating additional water service territory along the HWY 412 corridor, from Tontitown's western city limits to approximatley Siloam Springs. This area has recently been released by Washington Water Authority. The City will need to divide service area amongst the local water utilities including Siloam Springs, Lincoln, Prairie Grove, and Highfill. Currently, a Preliminary Engineering Report needs to be submitted to the Arkansas Natural Resourses Commission to finilize the area acquisition.	All requirements met, waiting on Final Approval	City Engineer	In-House Project	Summer 2023	Early 2024

Osage Lift Station	The project will involve retrofitting flooding improvements to the Osage Lift Station. Currently this lift station sits many feet below the local flooding elevation and is prone to flooding within the pump house, inflow to the lift station, and damage to the electrical systems. The current proposal to reduce flooding impacts to the station are proposed to be an upwards of \$1 million dollars. Additional investigation is needed to perform a risk/benefit analysis to find the most cost effective solutions for the lift station.	On hold until further notice	Garver	TBD	Early 2024	Late 2024
Hertiage District Design Concept	The project involves the conceptual development of the proposed Tontitown Hertiage District.	In Progress	City Engineer/Planning	TBD	Ongoing	
Street/Police/Fire Impact Fee Data Collection	Project involves supporting the Street/Police/Fire Impact Study by providing specific data related to streets.	In Progress	City Engineer	Duncan and Associates	8/31/2023	End of 2023
Fletcher Road Extension - Barrington to Klenc	Project involves the construction of 2,600 linear feet of collector road to connect Barrington to Klenc Road. Currently two development projects are being considered where the extension is needed. City will be responsible for approximately 50-55% of overall project cost to improve opposite half streets.	Plan Development	In house / Garver / Developer	TBD	TDB	TBD
Highway 612 Water and Sewer Re-location	As part of the highway construction project, Tontitown will need to re-locate existing water and sewer infrastructure within encasements crossing under the new right-of-way.	Plan Development	In house/ Garver	TBD	12/11/2023	End of 2024