

**Public Works/Engineering Master Project List**

September 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 improvement water system hydraulic function, and provide a needed larger feed to the eastern portion of the City t hat 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 -<br>Second crew started | Garver              | Goodwin & Goodwin     | 1/18/2023      | 1/18/2024     |
| 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 Beginning Soon              | 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.   | Easements                                | 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 ultimatly connect to the water system at S Pianalto, creating an 8" loop in the mid south region of Tontitown for fire protection. | Council Approval                         | 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              | 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                | 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.   | Survey complete - In Design | 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          |

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| 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.  | In Progress                             | 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.  | In Progress                             | 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.  | ROW Acquisition/Utility Relocation      | 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 pedestrian tunnel under HWY 412. Specfically, 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   | Just Funded Phase I                     | 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 amoungst 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. | Natural Resources Application Submitted | 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. | Survey complete  | 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         |