

Engineering Department 2024-2025

Scott McIntyre
Assistant Civil Engineer
FY 2024 – 2025 Budget



Develop Transportation Needs For the City Right of Way

The Engineering Department is the purveyor of the City ROW for external contractors and utility companies. We manage capital projects including bridges, roads, sidewalks, utilities and various other infrastructure needs.

GIS and Mapping Management

The Engineering Department helps maintain and develop new and current GIS mapping using surveying, and drafting. The department produces As-built drawings and catalogs permanent record mapping.

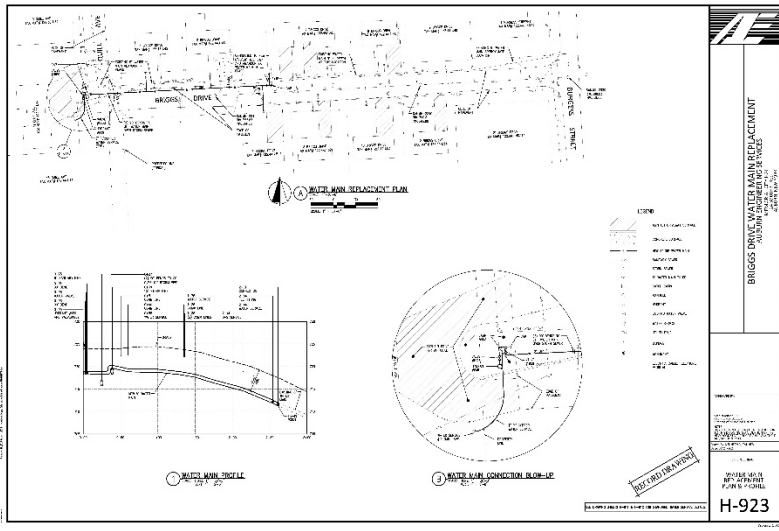
Interdepartmental Technical Support

Auburn's Engineering Department is a resource for all City departments. We help review documents, drawings, identify and scope new projects, bid projects, and research mapping

Project Management

The Engineering Department manages projects on all scales and levels of involvement representing the City of Auburn. The Engineering staff are grant writers, drafting designers, project managers, resident engineers, inspectors, procurement specialist, and admin support on multiple projects every year.

Engineering Department
Core Functions



Inhouse Design services

Auburn's Engineering Department was approached to design a project to replace a section of leak prone watermain on Briggs Drive. We performed an initial site survey, designed the new watermain, submitted the design to Cayuga Health Department, Auburn's Water Department self performed the installation. We performed a final survey and produced record drawings which are then cataloged and stored in the Engineering department for future reference.



Annual Project Administration

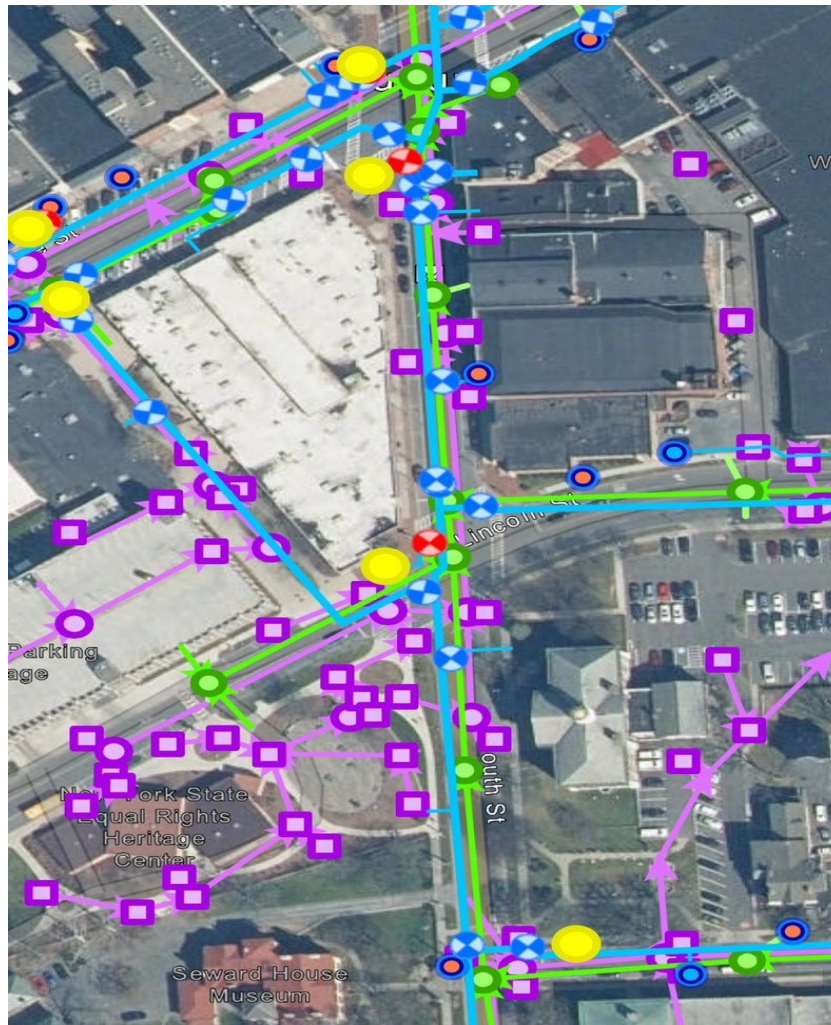
Auburn's Engineering Department manages multiple projects every year but our department also administers annual projects like Road and Sidewalk improvement programs.

Inspection Services



The Department provides inspection and project management services for the annual projects. We also inspect projects including utility installation, work at the Waste Water Treatment plant, the Water Filtration Plant, the Skate Park, and in the near future with the City Court building renovations.

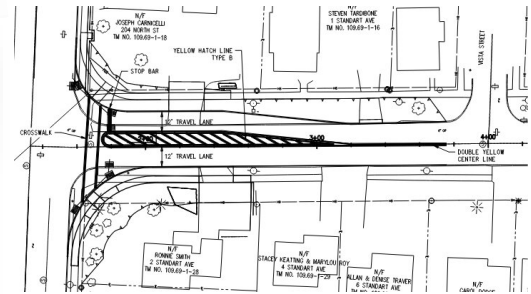
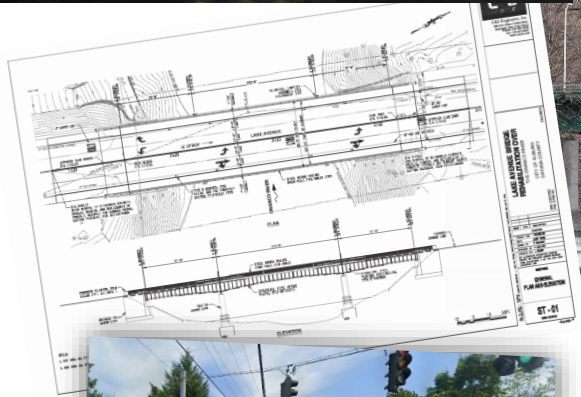
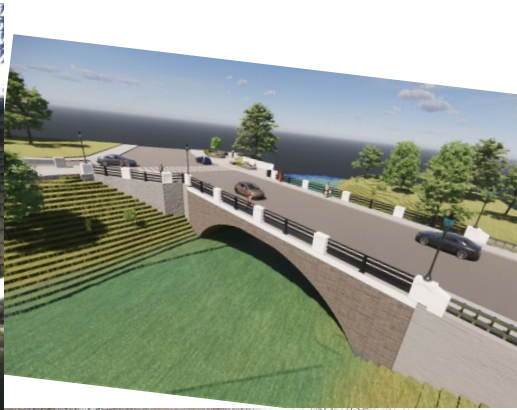
GIS Utility Mapping



The City has made it a priority to accurately survey and draw all of our underground utilities. The Water and Sewer departments along with Engineering and the MRB group teamed up to create this living mapping system. The main users of this information are the Water and Sewer departments, Engineering, Fire, and the DPW although it is available to all Departments.

State and Federal Aid Projects

There are multiple State and Federal transportation Funding sources that are largely administered through the City Engineering Department. Statewide Transportation Improvement Program (STIP), BridgeNY, Consolidated Highway Imp Program (CHIPS), Emergency Winter Recovery (EWR), PaveNY, Pave Our Potholes (POP), and State Touring Routes (STR).



Engineering Department Staffing

2023-2024 Staffing

- 1-Superintendent of Engineering
- 1-Senior Account Clerk/Keyboard Specialist
- 1-Assistant Civil Engineer
- 3-Junior Engineers
- 1-PT Engineering Tech

Total Staff = 6.5

2024-2025 Staffing

- 1-Superintendent of Engineering/Assistant Civil Engineer
- 1-Assistant Civil Engineer
- 2-Junior Engineers
- 2-Junior Engineers (Vacant)
- 1-PT Engineering Tech

Total Staff = 6.5

Engineering Department Budget

Engineering	24-25 Budget	23-24 Budget	23-24 Actual to Date
Salaries	\$539,033	\$534,956	\$440,269.27 (82.3%)
Operating	\$80,350	\$59,000	\$24,408.85 (41.4%)
Total	\$619,383	\$593,956	\$464,678.12