

# Owen Brown Street Improvements Project

## Project Goals and Design Considerations

### Project Goals:

- **Reconstruct The Failing Roadway Along Owen Brown Street.**
  - From Morse Rd. to N. Main St. (SR 91).
- **Avoid Private Property Impacts.**
  - No work is permitted on private property without approval from landowners.
- **Avoid Tree Impacts.**
  - Healthy trees will remain and be undisturbed. Dying trees, as determined by the City of Hudson arborist, will be removed and replaced.
  - Curb and sidewalks near existing trees will remain to avoid tree root disturbance.
- **Improve Storm Drainage & Alleviate Flooding at Existing Bridge Over Brandywine Creek Tributary.**
  - Use existing storm sewers and provide connections to all affected properties.
  - Install a new 42” storm water overflow pipe at the bridge to alleviate overland flooding.
- **Replace Old, Undersized Watermain.**
  - Includes the installation of a new 8” watermain and service connections to the right-of-way. From bridge east to N. Main street.
- **Add a Traffic Calming Feature.**
  - Traffic calming table, or speed table, to be installed at existing bridge to slow traffic.
- **Minimize Impacts to Residents During Construction.**
  - Maintain driveway access, or the contractor will notify the resident 24 hours in advance if possible.
  - Keep one lane of traffic open at all times or access to N. Main St. or Morse Rd.
  - Project will allow only temporary stockpiling of construction material and equipment in roadway.

### **Other Design Considerations:**

- Construct new infrastructure in compliance with latest City of Hudson and other applicable design standards.
- Evaluate alternate methods of installation such as horizontal directional drilling of new water main to reduce impacts to existing infrastructure, avoid tree root impacts, reduce traffic impacts, and expedite construction.
- When digging in the road, maintain safe excavation distance from existing water system, sanitary sewers, and gas lines to minimize conflicts and avoid disruptions to services.
- Ensure that tree impacts are reviewed by City Arborist.
- Replace broken sidewalk or sidewalk sections that are trip hazards.
- Replace driveway aprons on Owen Brown Street.
- Replace failing curbs where possible.

### **Project Schedule:**

- At this time, the project is expected to be constructed in the summer with final restoration in the fall. This schedule is pending the Summit County Dept. of Sanitary Sewer Services work, also scheduled to take place this year. If necessary, the City will modify its construction schedule in order to minimize disruptions to property owners. More information regarding the project schedules will be provided as schedules for the County's work is confirmed.

### **More Information:**

More information can be found at the City of Hudson's Construction Website for the Owen Brown Street project at: [www.hudson.oh.us/OwenBrownReconstruction](http://www.hudson.oh.us/OwenBrownReconstruction)

