

## Engineering

Engineering staff are responsible for developing new construction plans and maintenance schedules for the city's street, sidewalk, and storm drain systems. Along with plan development, the division oversees a project's construction or implementation stage. The Engineering staff consists of a professional civil engineer (Brian White), assisted by an engineering aide (Ben Dubbeld) with assistance from planning staff.

Because the street, sidewalk, and storm drain systems share the street rights of way with sanitary sewer, water, electrical, gas, telephone, and cablevision utilities, a high level of coordination is necessary. Sanitary sewer, water, and electrical services are municipal utilities administered by the Holland Board of Public Works (BPW), and street projects involve particularly intensive cooperation with the BPW. In projects such as the 18th and 40th Street reconstruction projects, the BPW determined that roadway reconstruction is also the appropriate time to rebuild their underground utilities. Conversely, the BPW has initiated a program of replacing leaking sewers in many older central city neighborhoods, and engineering staff has joined forces to use the opportunity to completely reconstruct older city streets.

Future projects:

- \*Road reconstruction of 40th St. between Washington & Lincoln Avenues, including improvements to Colonial Ct. and Central Ave. between 32nd & 40th Streets - CONSTRUCTION IS UNDERWAY.
- \*Road reconstruction of 18th Street between Cleveland & River Avenues - CONSTRUCTION IS UNDERWAY.
- \*Road construction of Matt Urban Drive and West 48th Street from City Limits to Washington Avenue - DELAYED TO 2011.
- \*Road reconstruction of East 48th Street from M-40 to the east City Limits - SCHEDULED FOR 2011.
- \*Road reconstruction on Central Avenue from 8th Street to State Streets - SCHEDULED FOR 2011.

Typical Summer Projects:

Resurfacing - Milling & Paving of selected roads. It is the City's goal to repave a road every 20 years.

Sidewalk Repair Program - The City repairs sidewalk segments that are defective from age, tree roots or normal wear and tear. Homeowners are responsible for sidewalk that they damage.

Sidewalk Fill-In the Gaps - This is done only as directed by City Council.

In addition to designing and implementing construction projects, the Engineering office serves as the repository for plans and records of past construction projects, plats, survey data, soil boring information, traffic studies, hydrological information, and other resource material related to the street system or community as a whole. Questions related to current or past projects, or resource material may be directed to the Engineering staff, either by calling 928-2400 or by visiting the office at 333 Wyngarden Way, west off Industrial Avenue between 40th & 48th Streets.

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