



Services

ROWE's traffic signal design services include the following:

- **Preliminary assessments and estimates**
- **Traffic signal warrant studies**
- **Design**
 - Mast arm configuration
 - Box span configuration
 - Pedestrian facility upgrades
 - High Intensity (A) activated (C) cross (W) walk (HAWK) signals
 - Rectangular Rapid Flashing Beacon (RRFB) signals
 - Warning signs
 - Advanced stop/signal warning
 - School speed limits
 - Fire stations
 - Signal interconnection
 - Hardwired
 - Wireless
 - Vehicular/pedestrian detection
- **Radio signal progression**
- **Traffic signal timing optimization**
 - Promotes progression
 - Reduces emissions
- **Construction engineering**



At ROWE, we understand the importance of a fine-tuned traffic signal design. The eb and flow of traffic in your community relies on the collaboration efforts of our team and your community leaders. Along with keeping up with varying traffic flows, signals help control increasing traffic, make room for new developments, and reduce emissions.

We work with your community to fit within your desired budget and design, ranging from wood poles with span wires in a box span configuration to decorative mast arms that harmonize with their streetscape. Our team can work with clients to plan mid-block pedestrian facility crossings such as HAWK and RRFB signals in areas with a large pedestrian flow. These signals create safer roadway crossings for both vehicles and pedestrians.

Our team has experience with completing traffic signal design projects for Michigan Department of Transportation (MDOT), Road Commission for Oakland County (RCOC), and Wayne County Department of Public Services (WCDPS), Road Commission of Kalamazoo County (RCKC), Kent County Road Commission (KCRC), and City of Grand Rapids. We are experts in the specifications, details, and submittal requirements for these jurisdictions.