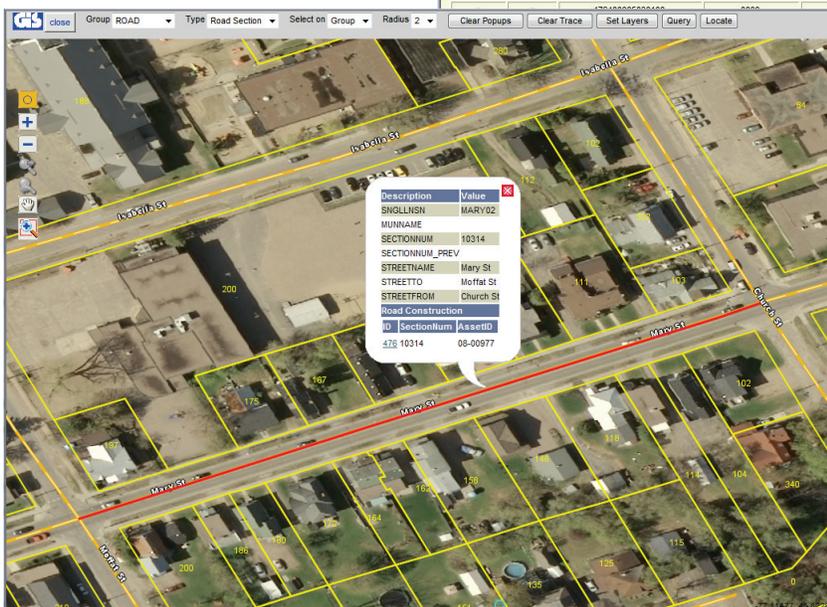
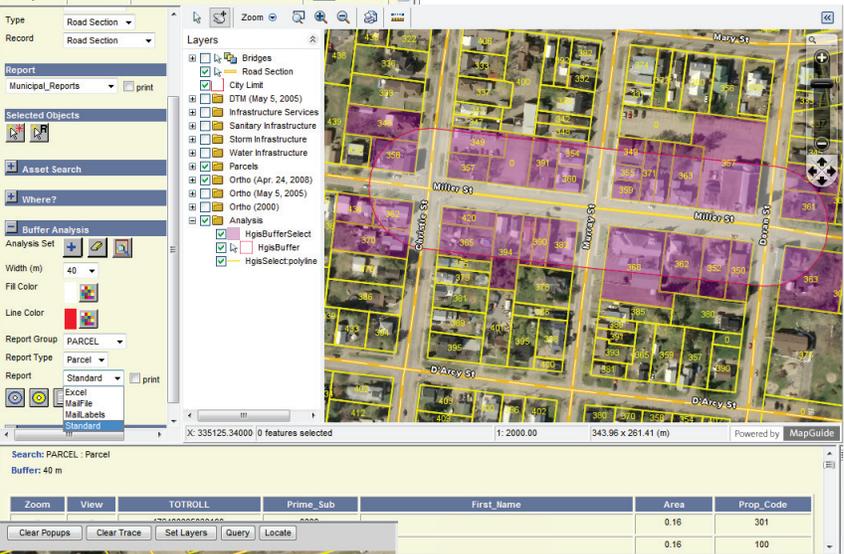


- View
- Query
- Analyze
- Report
- Network Trace
- Locate
- Mobile Devices (Android, Apple, BlackBerry)

- Integration with parcel tax assessment database
- asset types may include water, sewer, roads, bridges - extendible to other assets
- Quick asset type searches by ID, Name and Location
- Data dictionary with lookup tables
- Relational SQL ad hoc queries
- Hyperlinked access to as-built drawings, site photos and videos
- Upstream and downstream tracing of infrastructure network

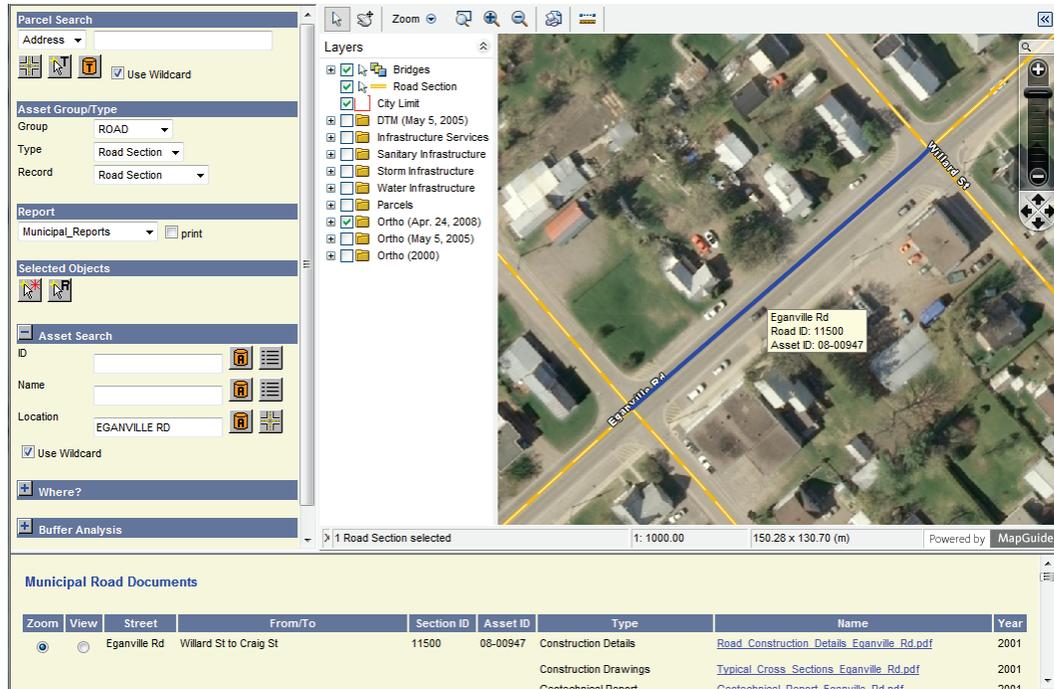


- Buffer queries for generation of notification mailing lists/labels
- Thematic query for spatial analysis of infrastructure assets
- Browser-based (Microsoft Edge/ Internet Explorer, Google Chrome, Mozilla FireFox, Apple Safari)
- Municipal DataWorks (MDW) integration
- Public Sector Accounting Board (PSAB) integration
- Tangible Capital Asset (TCA) Value Computations
- Developed for Esri ArcGIS Enterprise, Autodesk Infrastructure Map Server and MapGuide Open Source

Municipal Infrastructure Asset Management System

Introduction

The Hunter GIS Municipal Infrastructure Asset Management System (MIAMS) provides municipal staff access to infrastructure asset resource information to assist with rapid response to emergencies, routine service requests, planning and decision making. These resources may include location, condition, maintenance and repair history, construction documents and other related information.



The MIAMS solution provides the following:

- desktop or mobile device browser access to solution;
- view, query and analyse infrastructure assets;
- access to historical maintenance and repair information;
- the use of a Data Dictionary to define fields and values (lookup tables);
- record searches by relational querying;
- buffering and mailing list generation for notification purposes;
- upstream and downstream tracing of infrastructure network;
- thematic mapping of infrastructure assets;
- standard asset reporting;
- Tangible Capital Asset (TCA) Valuation.

The MIAMS also integrates with Hunter GIS Tax Parcel Management System. The MIAMS solution may be configured to wrap around the municipality's existing information system technology.

Other Hunter GIS solutions which complement the MIAMS solution include Hunter GIS Service Request Tracking (Work Orders and Performance), Permit Tracking (pavement cuts) and Municipal DataWorks.