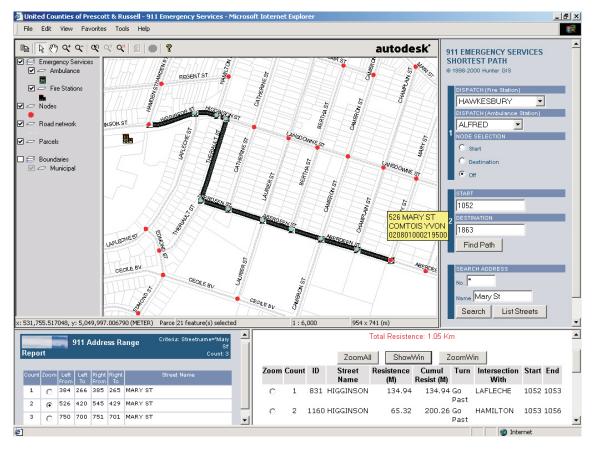
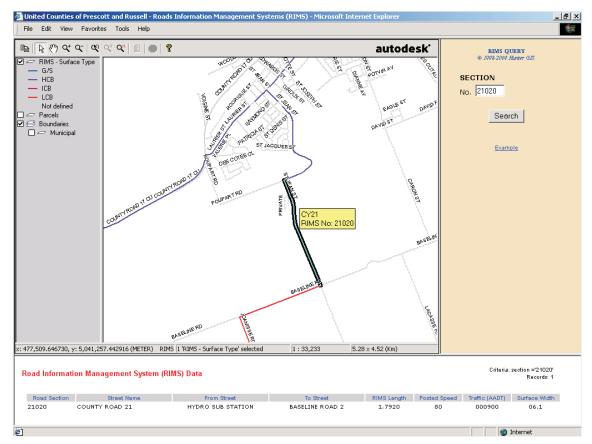
## 911 Services & Road Information Management





Autodesk Authorized Developer Page 1 of 2 Hunter GIS Solutions for Autodesk MapGuide Tel: (905) 607-4120 Web: www.hunter-gis.com



# 911 Services & Road Information Management

### Introduction

#### <u>'911' Emergency Services</u>

The '911' Emergency Services Solution for Autodesk MapGuide permits access to local and/or remote Web information servers with Single Line Street Network, Base Mapping, Orthophotos, Utility Infrastructure (Gas, Electric, Water, Sewer, Telephone, Cable and Fibre Optics) and Parcel Tax Assessment Information more efficiently maintained and shared by others. Important features and capabilities include:

- Web-based access to maps and GIS data to provide spatial reference to Caller's Location and/or Incident Location and to ODBC/OLEDB compliant databases for real-time Dispatch support.
- Integrated Shortest Path queries to determine optimum route from Dispatch Stations to Incident Locations, including weighted intersections, resistence and roads segments reflecting real-time conditions.
- Integrated Code compliance, Hazardous Materials and Emergency support databases
- Multi-function hyperlinked on-screen (incident) reporting Tool tip viewing of map feature attributes Address-based guerying by street block
- Buffer queries to identify the nearest hydrants or other map features
- List Streets function for rapid address-based queries

#### **Road Information Management System**

The Road Information Management System Solution for Autodesk MapGuide permits access to local and/or remote servers with Base Mapping, Orthophotos and Parcel Tax Assessment Information maintained by others. Transit, Traffic and Capital Planning and Forecast solutions may be easily integrated. Important features and capabilities include:

#### Streets Infrastructure

- Layer based schema for Single Line Street Network
- Integrated Road Information Management System (RIMS) and Data Dictionary
- Integrated Street Intersection Zoom Goto function
- Integrated querying of street, parcel address and road section number
- · Integrated multi-function SQL queries
- · Hyperlinked access to archived design and construction drawings for desktop viewing
- Hyperlinked static and possible integration of live digital images
- ODBC/OLEDB links to signals and signage databases

#### Transit

- · Bus stops and routes integrated with Single Line Street Networks and databases
- · Integrated Transit schedules and fares information
- Capability for live links to vehicle location via GPS and video images (bus stops)
- On-demand scheduled transit service

#### Work/Capital Planning

- Street and Utility construction history
- Integrated complaints database
- Priority assessment for Street and Utility reconstruction (Gas, Electrical, Water and Sewer)
- Integrated Work Planning and Capital Forecasting



Page 2 of 2