Web Solutions

Mobile Devices

Introduction

Hunter GIS web-enabled Municipal Office Suite solutions provide mobile device support, enabling in the field access to municipal GIS map and database information via the device's web browser. The device's web mapping application (e.g. Blackberry Maps, Google Maps) can link to the solution's server to display the location of permits, service requests and inspections. Images taken with the device's camera can be attached to records and uploaded to the server.

Coordinates from the device's GPS can be captured and inserted into a form to assist in locating inspections and images. Security is provided through user login and restricting tasks to the management of new records only.

Mobile devices including smartphones and tablets utilizing Android, Apple and BlackBerry Operating Systems are supported.

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Edit Service Reque	ist	Close
1 Request Record		
File No.	SR-11-000013	
LastEdit	17-Mar-2011 10:01:10	
Edited By 2. Dates and File Status	su (4)	
Creation Date	17-Mar-2011	
Creation Time	09:58:03	
Close Date	09:58:03	
Status	Duu	
Status Stage	Open	
Stage Action	Logged	
Action Manager	Scott MacPhee	
Manager Dept	Scott MacPhee Public Works	
Dept 3. Location	Public Works	
Street No	2285	
Street Name	Dunwin Dr	
Qualifier		
Intersection 1		
Intersection 2		
Longitude	-79.677912 GPS	
Latitude	43.528963	
Municipality		
Roll Number		
Pole Type	None	
Pole Number		
Street ID	0	
Description	Front lawn of house	
4. Nature of Request		
Request Type	Service Disruption	
Other		
Urgent	Yes	
Description	Water pooling in front lawn probably due to water	
	service.	

Municipal Permit Tracking System (MPTS)

- List pending inspections (inspection booking)
- List contact person associated with booking
- List previous inspections for permit, including orders
- · Manage a new inspection record, attaching images and orders

Service Request Tracking System (SRTS)

- Create a new service request, attaching images and GPS coordinates
- Search for pending inspections requiring action
- List details of a service request, including listing of previous inspections
- Manage a new inspection record, attaching images and GPS coordinates

Municipal Infrastructure Asset Management System (MIAMS)

- · View, query and analyse infrastructure assets
- · Quick asset type searches by ID, Name and Location
- List historical maintenance and repair asset information
- Upstream and downstream network tracing



iPhone 6





BlackBerry PRIV

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Location	
Block	On Dorchester Road Fro Line To Ron McNeil Line
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Identification	
D.	RDOR0010
Name	DORCHESTER ROAD
GISId	
Туре	RD - Road Section
Material	LCB - Low Class Bituminou
Status	ACTV - Active
Dimensions	
Count	1.000 items
Desired Right of Way Width	20.100 m
Length	0.410 km
Median Width	0.000 m
Platform Width	8.000 m
Right of Way Width	20.100 m
Shoulder Width	0.500 m
Surface Width	7.000 m
Surroundings	
Drainage Condition	OD - Open Ditch
Roadside Environment	B - Rural
Shoulder Type	GRASS - Grassed
Terrain and Soil Type	NF - Non-Rocky, Flat
	in - non-rocky, Flat
Road Section	
Average Operating Speed	80
Boundary Road	Not a Boundary Road
Existing Road Class	50-199 AADT
Load Restrictions	Spring Restriction, Type "/

Galaxy S III



BlackBerry Z10



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Web Solutions

Mobile Devices

nexus



Source: Hunter GIS MIAMS Mobile (Autodesk Infrastructure Map Server) on a Google NEXUS 7 tablet.

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Source: Hunter GIS MIAMS Mobile (MapGuide Open Source) on Apple iPad tablet.



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