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JIMI Project

Joint Infrastructure Management Initiative

Goals

- **Reduce costs**
- **Be proactive instead of reactive**
- **Lower liability**
- **Respond more quickly**
- **Comply with Federal regulations**
- **Inventory**

JIMI Participants

Participants

Lewis County Highway
Town of Croghan
Town of Denmark
Town of Lowville
Town of Martinsburg
Village of Lowville
Jefferson County Highway
Town of Adams
Town of Alexandria
Town of Champion
Town of Clayton
Town of LeRay
Town of Philadelphia
Village of Philadelphia
Village of West Carthage
Village of Carthage

Other Assistance

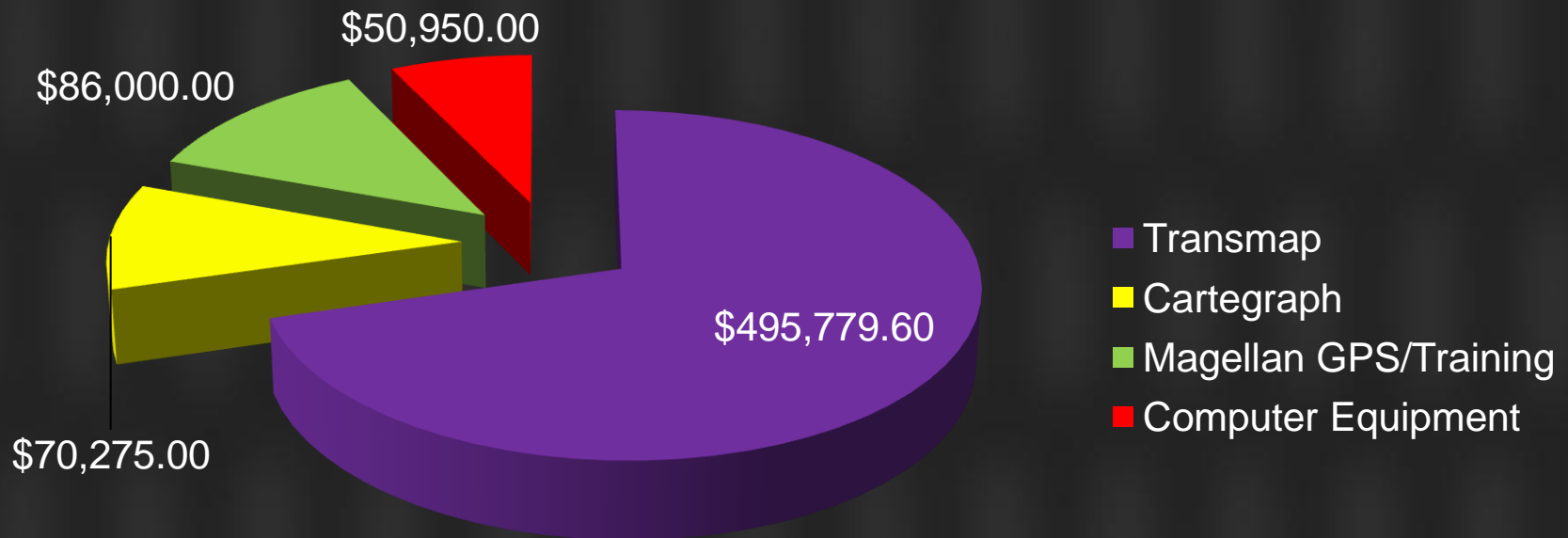
Tug Hill Commission
Lewis County IT
Lewis County Economic Development Department
Jefferson County IT
Jefferson County Highway Engineering Department
City of Watertown
NYS DOT
NYS DOS

Vendors

Transmap
Carlson
Innovative GPS Solutions
Cartegraph

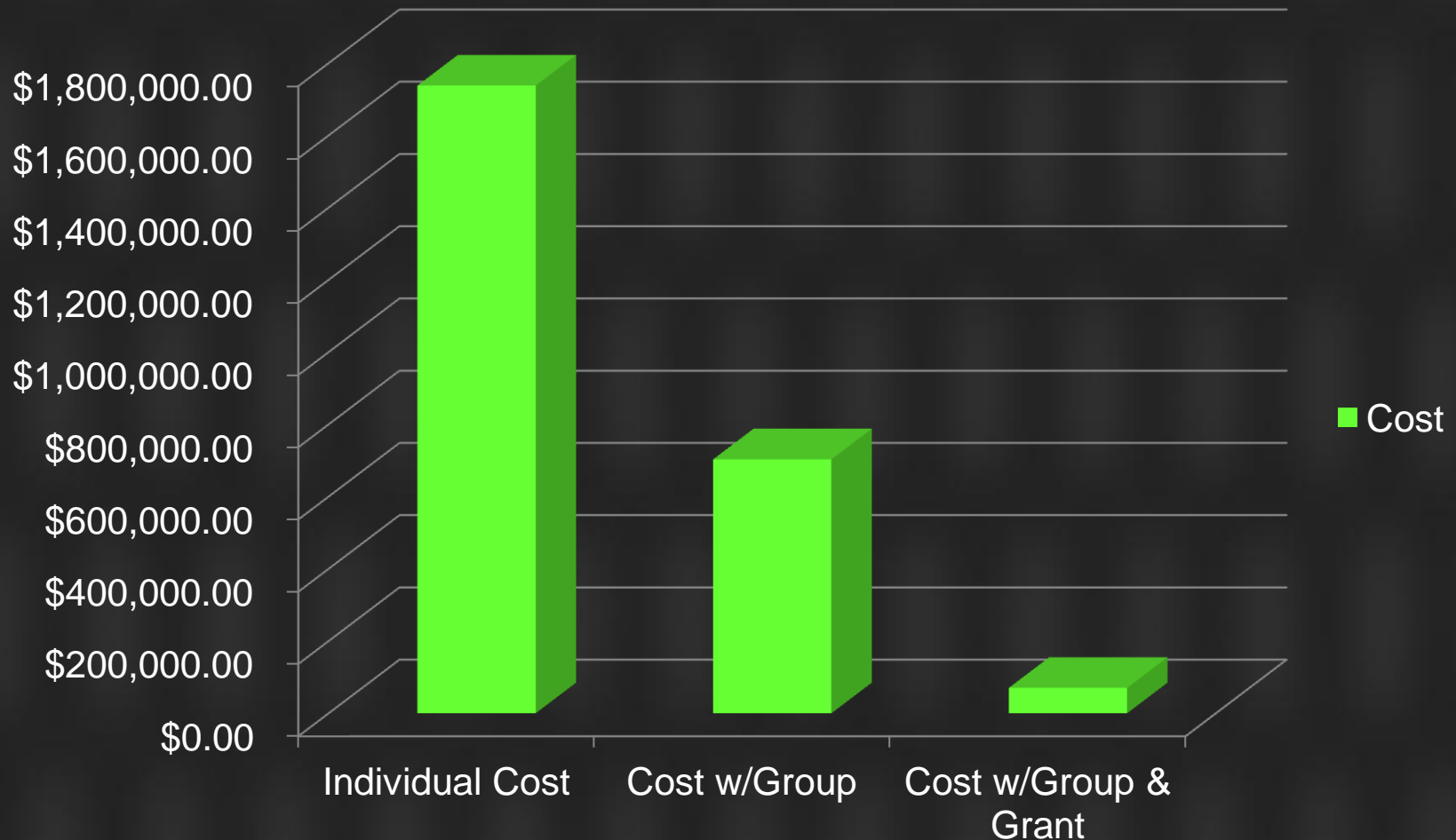
JIMI Project Cost

Item Breakdown



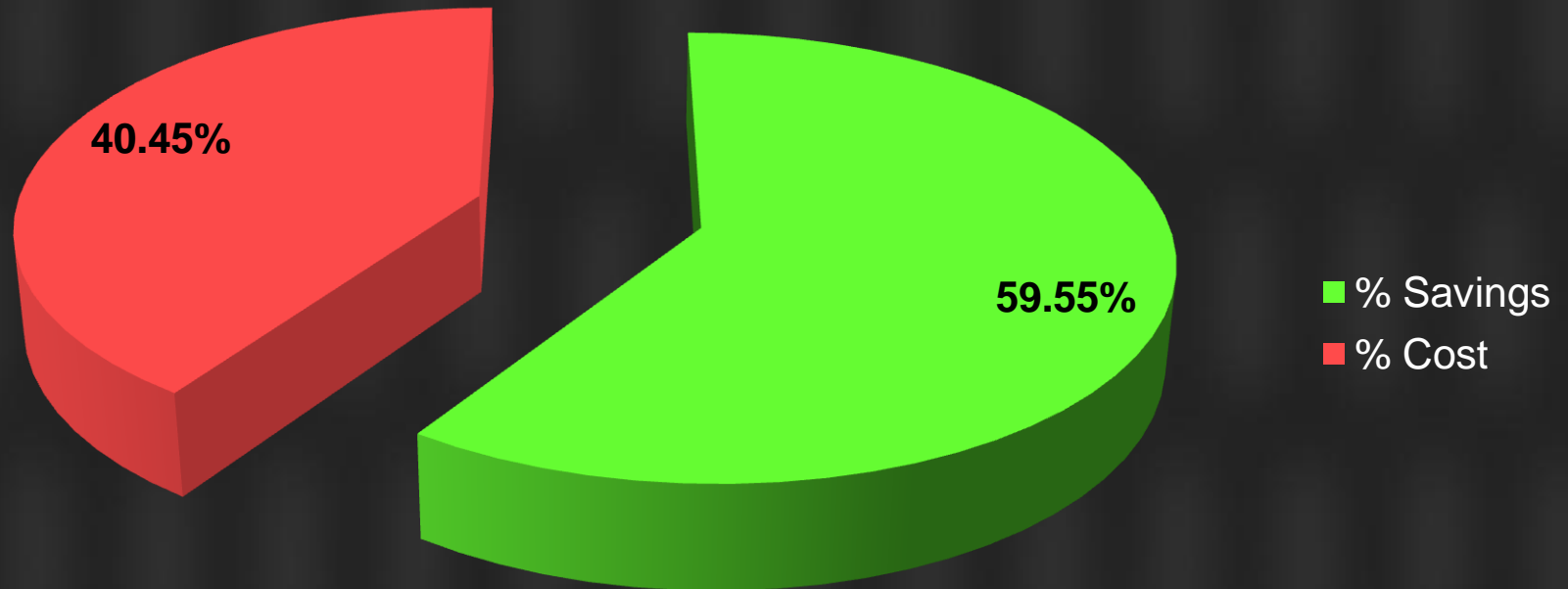
JIMI Group Cost

Project Cost Analysis Totals



JIMI Group Savings

Group Savings By Working Together



Phase I: Transmap

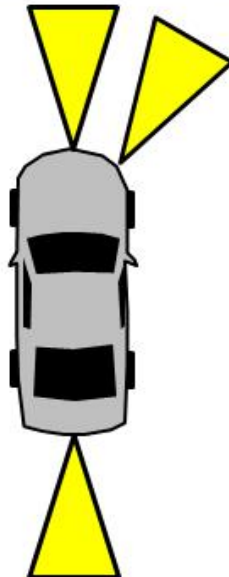
Front View



Front Right View



Back View



Data Collected

Asset	Number Collected
Bridges	410
Culverts	5,755
Hydrants	1,024
Manholes	832
Meter Boxes	9
Signs	20,100
Storm Water	1,491
Water Valves	416
Road Mileage	1,379



Total Points Collected: 30,037

If it took one person two minutes to collect each point and the person collected points eight hours a day for five days a week, it would take the person six and half months to collect all these points.

Total Mileage: 1,379

If a person drove 10 MPH surveying pavement conditions, it would take 275.80 hours to survey the roads for this project going in both directions.

These do not take into factor weather conditions and/or other projects that might be going on.

Phase II: GPS

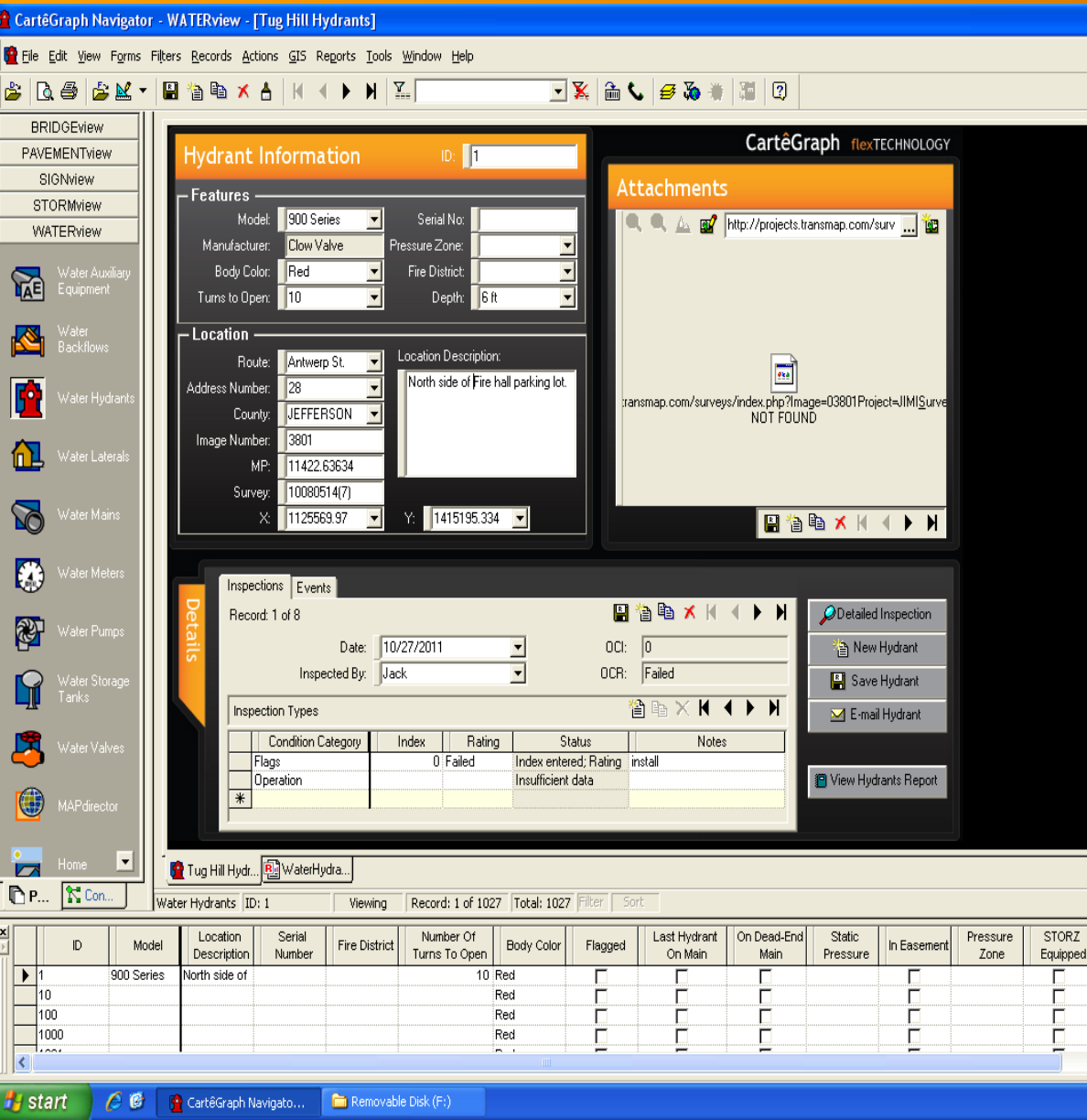


Date	Trainer	Status	Location
10/6/2010	Innovative GPS Solutions	Completed	Lowville
10/7/2010	Innovative GPS Solutions	Completed	Leray
10/13/2010	Innovative GPS Solutions	Completed	Lowville
10/14/2011	Innovative GPS Solutions	Completed	Clayton
2/1/2011	Jefferson County	Completed	Jefferson County
2/15/2011	Jefferson County	Completed	Jefferson County
7/6/2011	Tug Hill Commission	Completed	Lowville
2012	Jefferson County, Tug Hill Commission	Completed	Different Locations
2013 Ongoing Trainings As Needed			

JIMI Group Savings



Phase III: Cartegraph



Desktop Cartegraph

Reasons

- Flexibility
- Condition Tracking
- Mobile Component
- Reporting Capabilities
- History Tracking

Problems Faced

- Software VPN
- Mobile Compatibility



Back

Home > Assets



Create +

Run Report

Actions

Assets

Select Asset Type

Add +

Sign

658



Select Field



Municipality

Is

Village of West Carthage

Pavement

2818

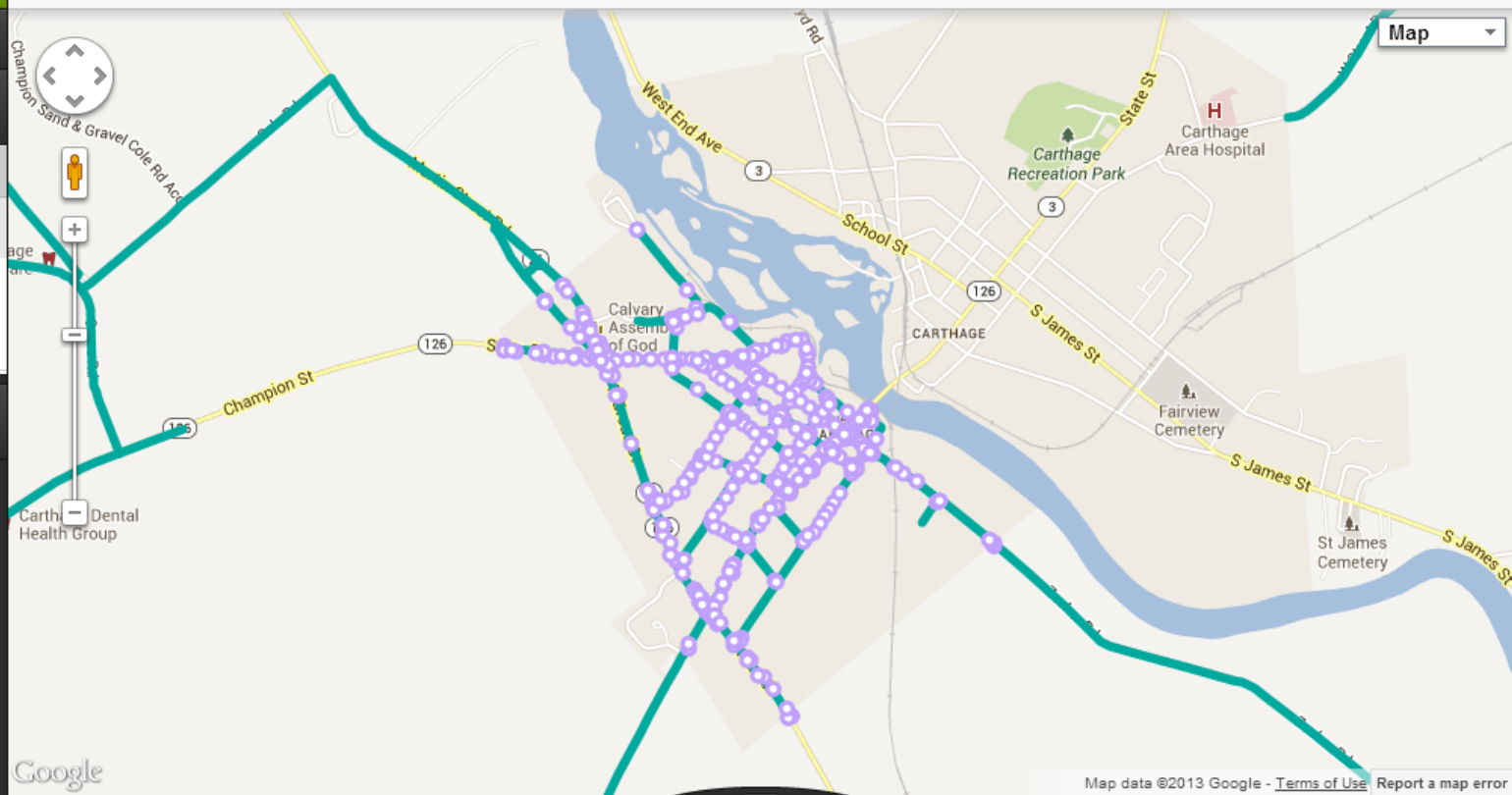


Map Filter

Search by address



Map

Map data ©2013 Google - [Terms of Use](#) [Report a map error](#)

<input type="checkbox"/>	Asset Type	ID	Street	Estimated OCI	Inspected OCI	
<input type="checkbox"/>	Pavement	1056	County Route 2		59	
<input type="checkbox"/>	Pavement	1057	Antwerp St		73	
<input type="checkbox"/>	Pavement	1058	Eldon Dr		90	
<input type="checkbox"/>	Pavement	1059	County Route 2		88	

Selected 0

1 - 4 of 3476



Back

Home > Assets > Sign: 4398



Create +

Run Report

Actions ⚙

Sign
4398MUTCD Code: **R1-1**Sheeting Material: **High Intensity Grade**

Backing Material:

Installed:

Replaced:

Classification

Regulatory

Data Not Available

Estimated OCI

83

Estimated Ra

Excellent



Total Cost To Date

\$0☒ Map☒ Location☒ Details☒ Inspections☒ Tasks☒ Attached Files

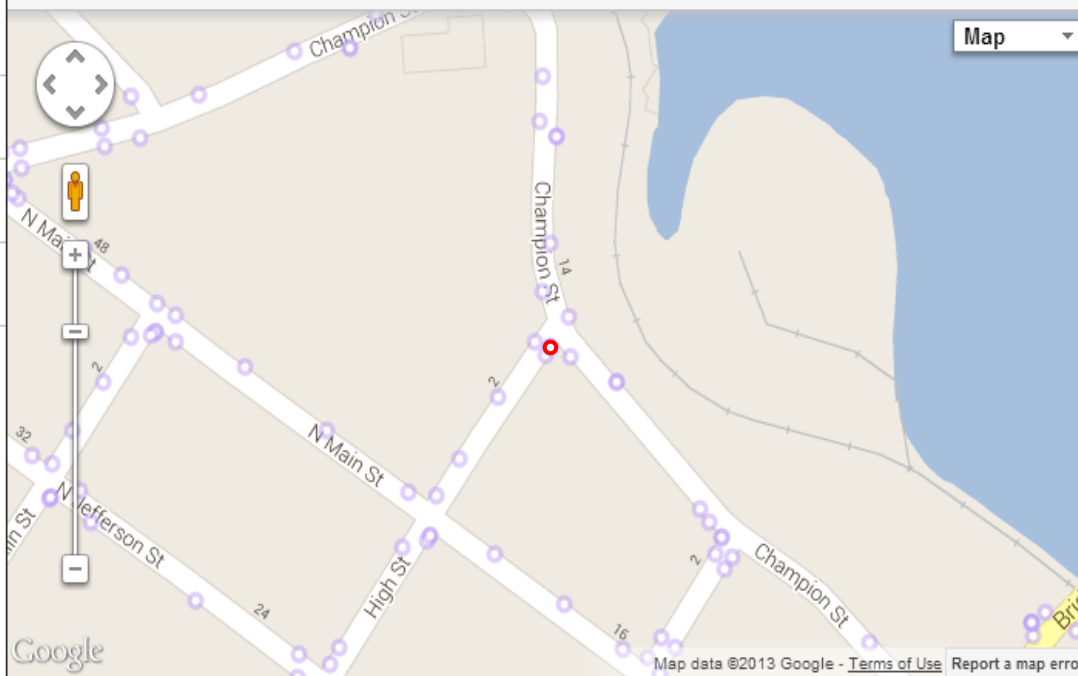
Map

Edit

Search by address



Map

☒ All☐ Linked Assets☒ Sign

Location

Edit



Back

Home > Work

Work

Work Order

Task

Add Task Layer +

Map Filter

Search



Google



Task ID



98



99



129



73



74



75

Leaf Pick Up

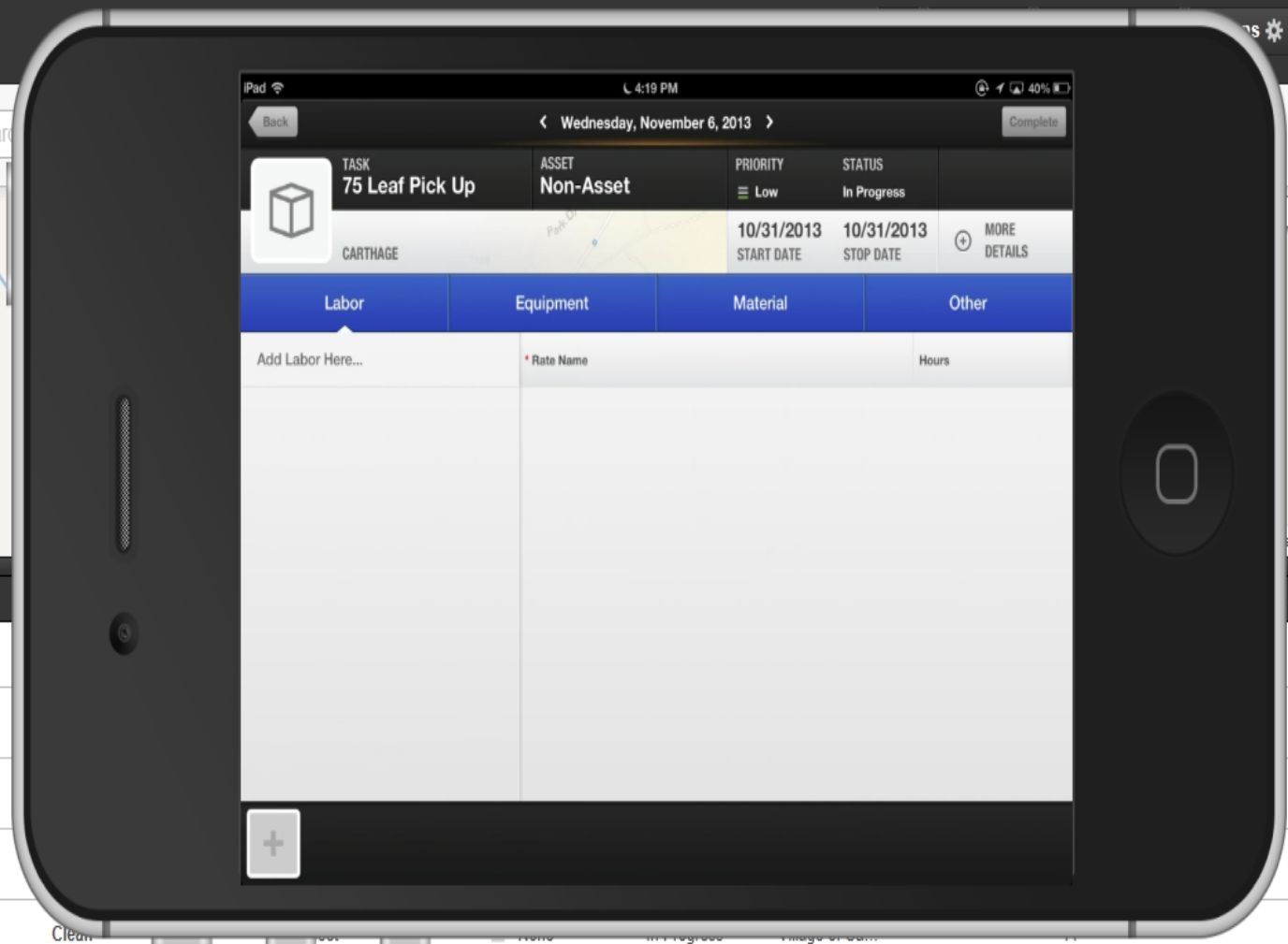
Non-Asset

Low

In Progress

Village of C...

11



What We Have Learned

- VPN (Very Problematic Networking)
- Have temporary solution ready if possible
- Don't mark culverts if you have GPS
- Make sure participants are committed
- Keep pushing forward and don't give up hope
- Great group of people to work with, like family

In memory of Renee Beyer



*February 26th, 1974 –
April 15th, 2013*

Questions

