

Roadsoft Mobile: The Sidewalk App

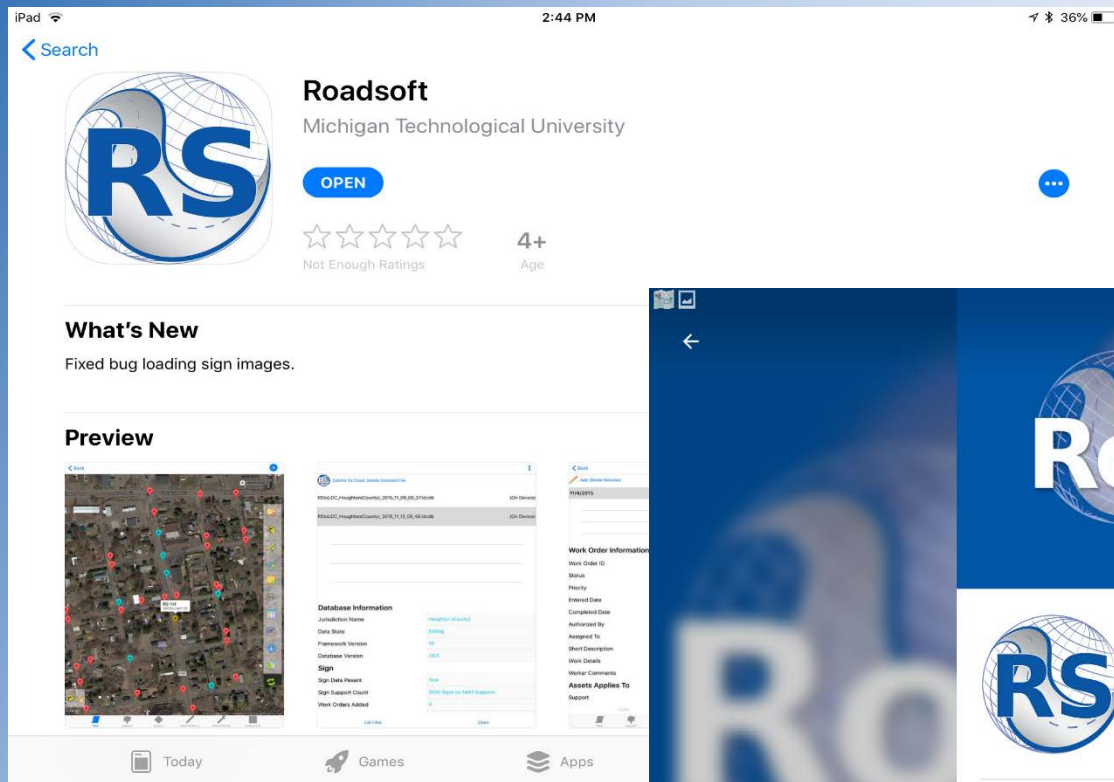


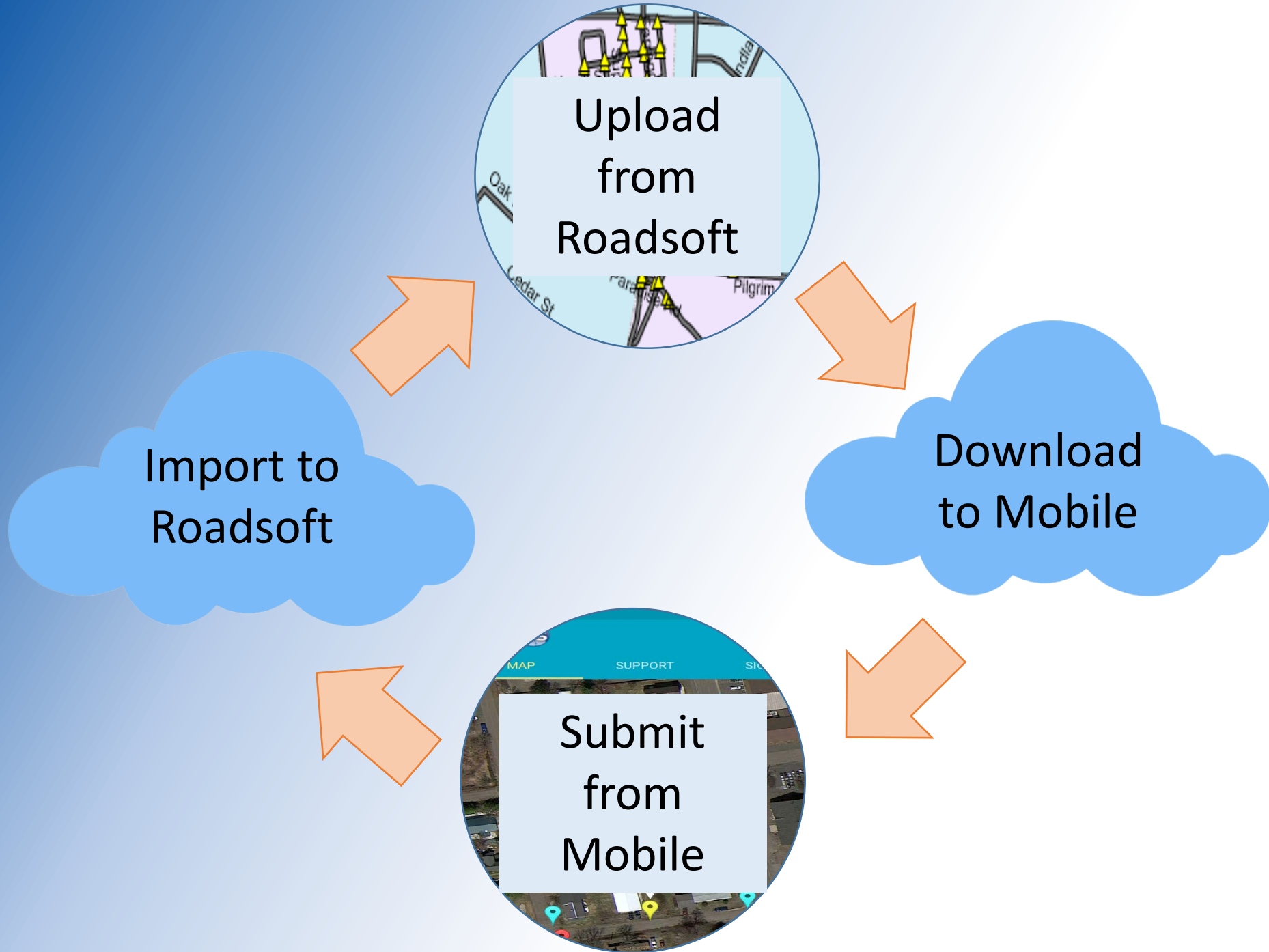
Luke Peterson
Principal Programmer
Center for Technology
& Training

Topics Covered

- Obtaining Roadsoft Mobile
- Data Cycle
- Cloud Key/Storage
- Roadsoft & Roadsoft Mobile Setup
- Uploading Data to Device
- Sidewalk Data Collection
- Uploading Data back to Roadsoft

Install App From App Store (iOS) or Google Play Store (Android)





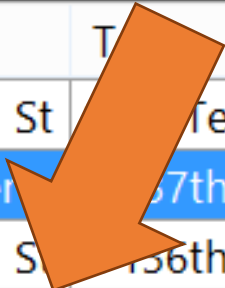
Roadsoft Cloud Key

LDC Tools Settings Help

Cloud Management

Request Roadsoft Cloud Key...
Set Roadsoft Cloud Key...
Cloud File Storage Cleanup...

St	From	To	Length
0.080	E 139th St	Ter	0.080 (422 f
0.214	11th Ter	57th St	0.134 (708 f
0.358	E 137th St	136th St	0.144 (760 f





Center for *Technology & Training*

Michigan Technological University • Department of Civil & Environmental Engineering

Event Calendar

CTT Home

LTAP

Roadsoft

MERL

Bridge Load Rating

Contact Us:

**Center for Technology &
Training**

309 Dillman Hall
1400 Townsend Drive
Houghton, MI 49931-1295
906-487-2102
Fax: 906-487-3409
ctt@mtu.edu
www.mtu.edu

Roadsoft Cloud Key Request

A Roadsoft Cloud Key will be emailed to you upon approval of your submitted request. Please allow 24 - 48 hours for processing.

Only ONE key request is needed per agency/company.

This key can be used for the following Roadsoft features/applications:

Roadsoft Mobile

Name

Company

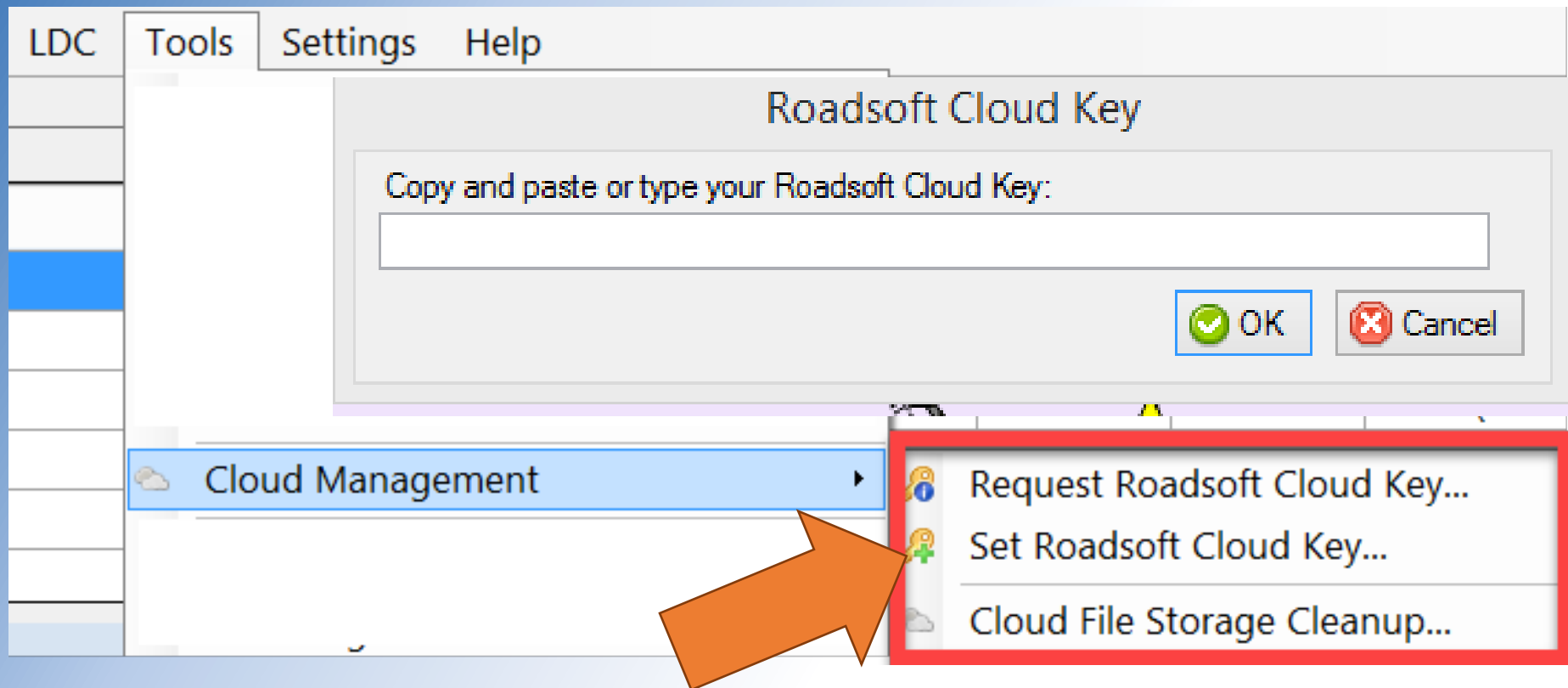
Email Address

Description

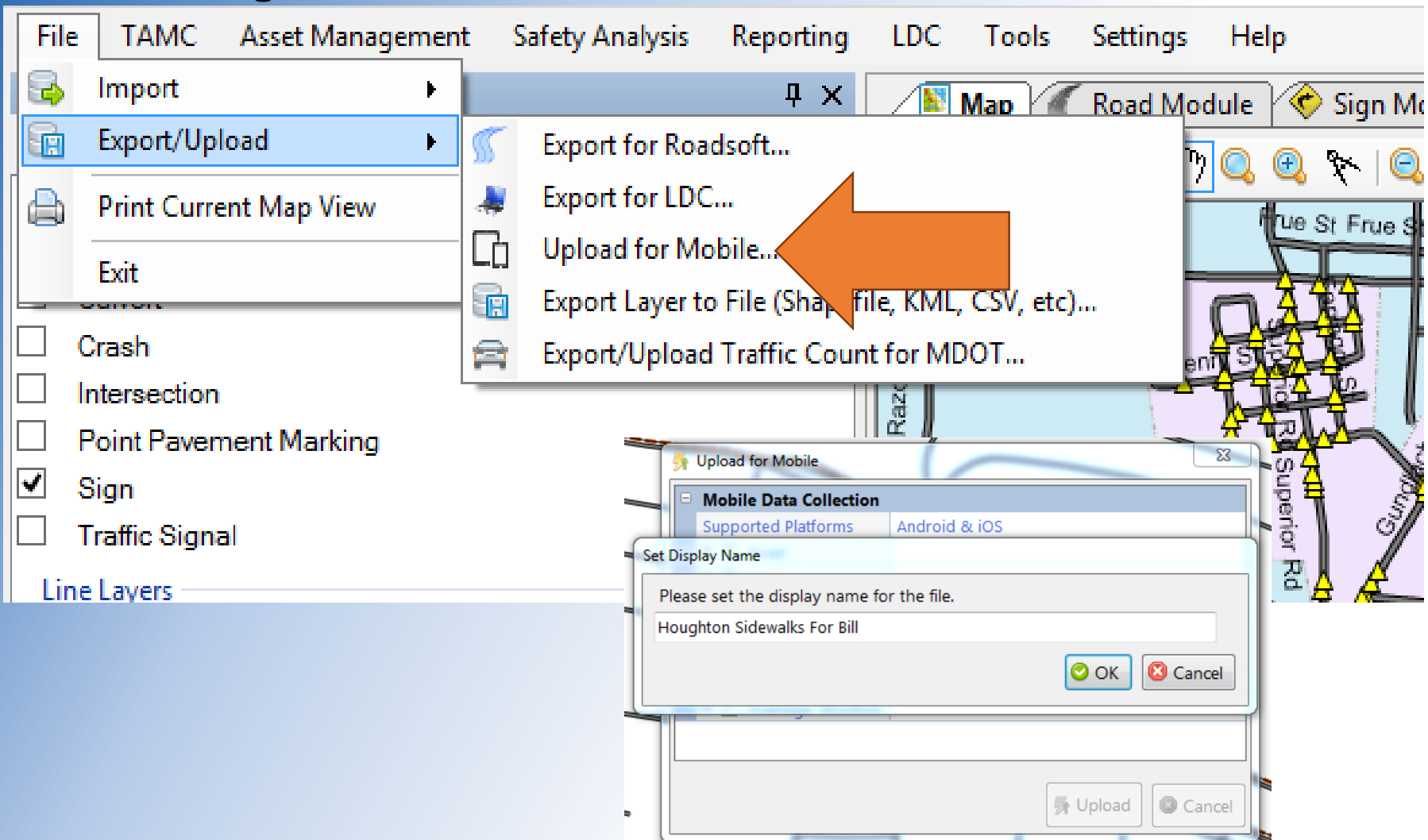
Roadsoft Cloud Key Request

SUBMIT

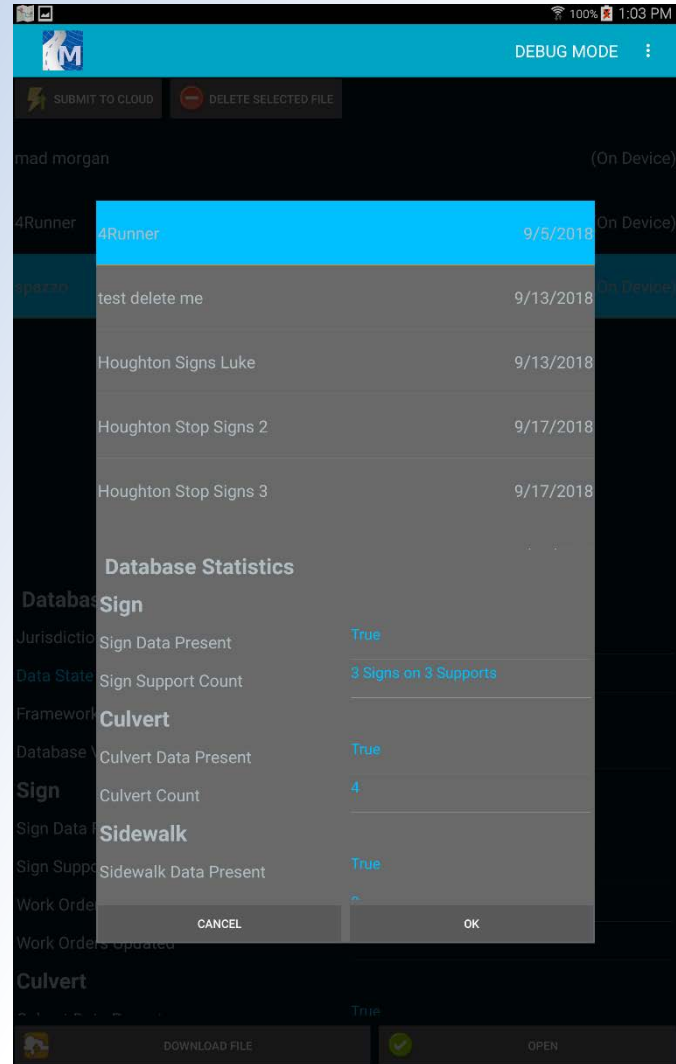
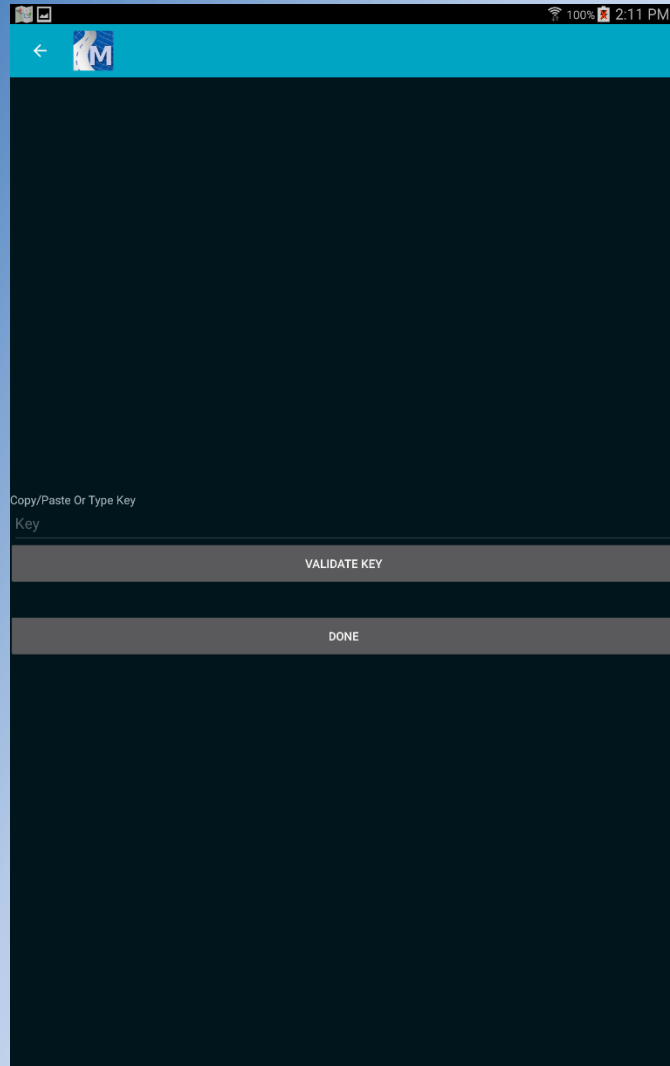
Set Cloud Key - Roadsoft



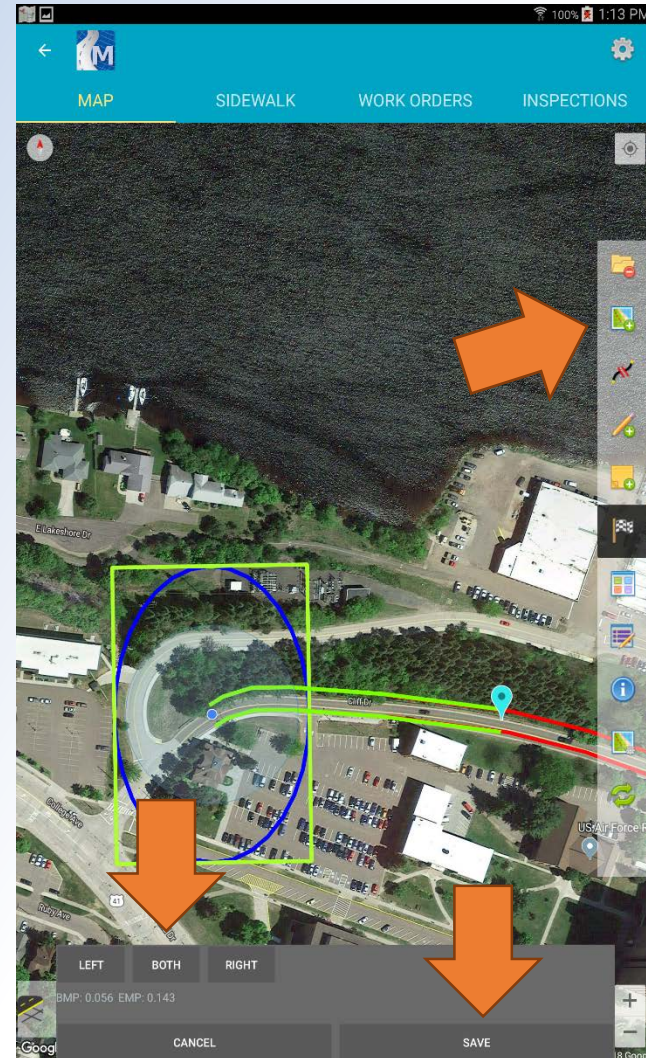
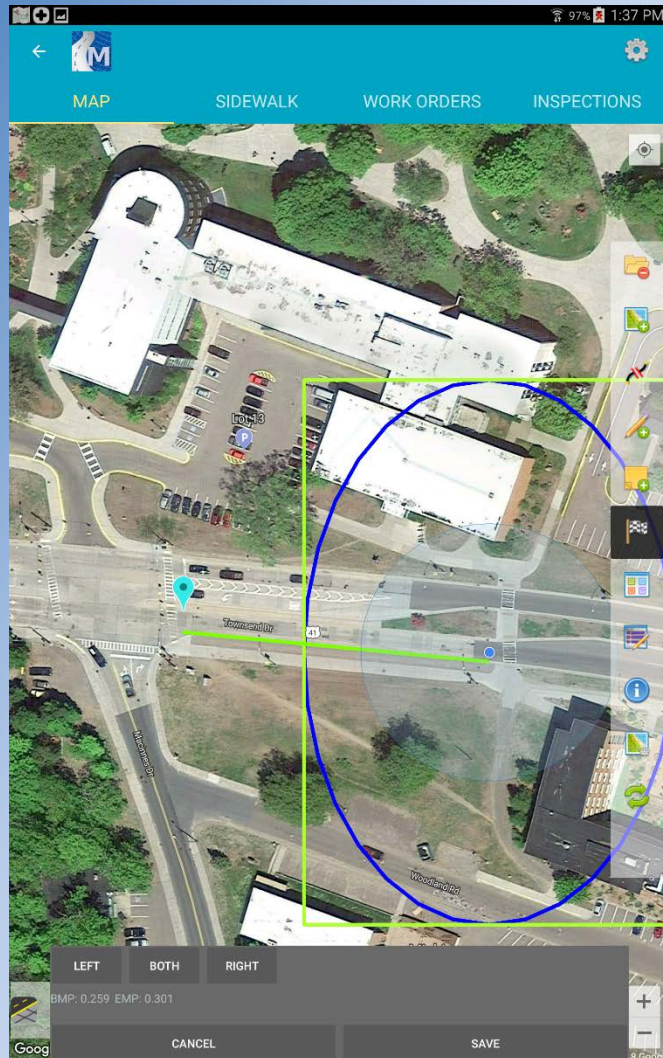
Upload from Roadsoft



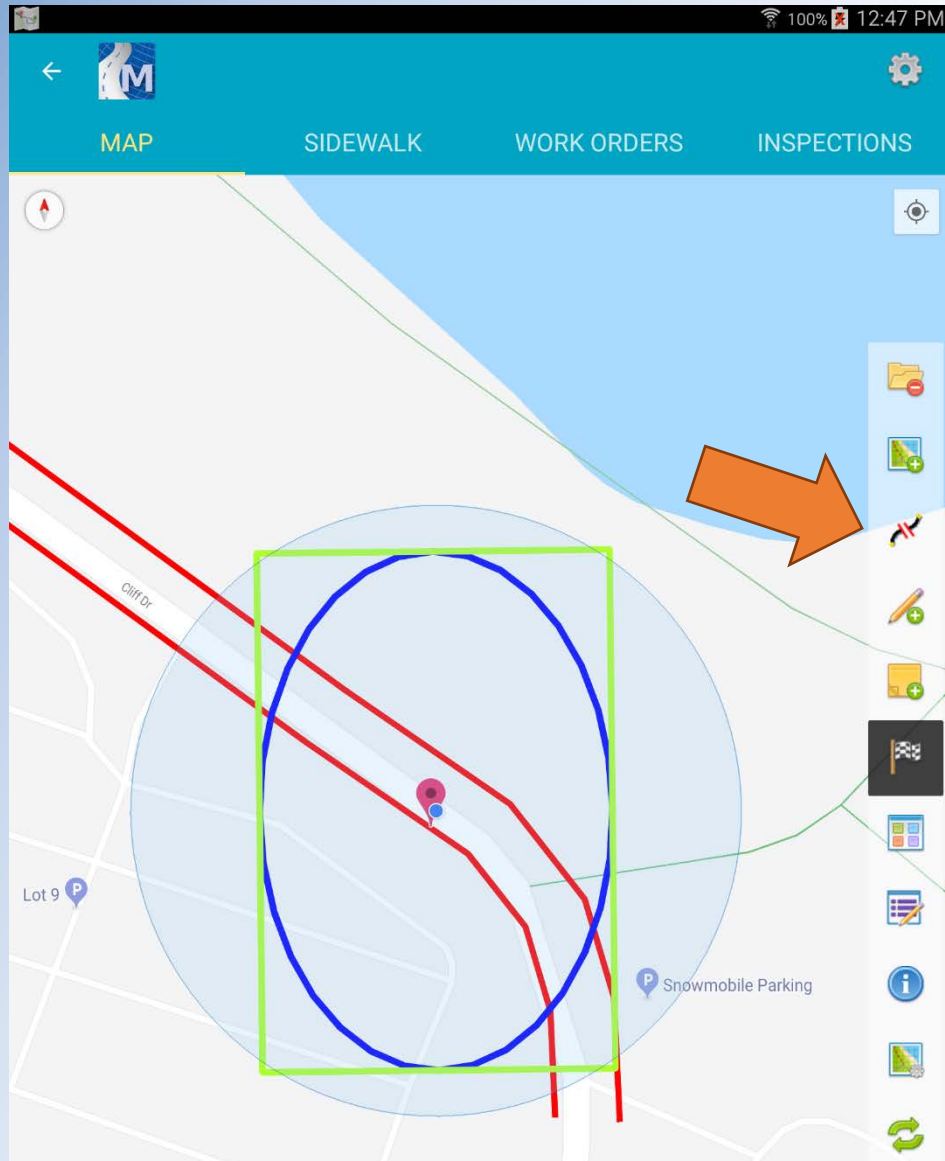
Enter Cloud Key and Download DB




Add Sidewalk



Split Sidewalk



Sidewalk Inventory



MAP SIDEWALK WORK ORDERS INSPECTIONS

Sidewalk Information EDIT LAYOUT

Location

ID 7

City/Township Houghton

Between Roads Unknown-Cliff Ave & Townsend Dr

BMP - EMP 0.372712515314915 - 0.744

Segment Name Cliff Dr

Side of Street North

Dimensions

Length (feet) 1960

Parkway Width 5 Feet

Thickness 4 Inches

Width 6 Feet

Construction

Contractor J & J construction

Install Date 6/17/2004

Permit None

Inventory

Relation to Street Curb Adjacent

Maintained By Private

Material Concrete

Curb/Ramp

Start Curb Ramp ADA Approved Ramp

UNDO SAVE

MAP SIDEWALK WORK ORDERS INSPECTIONS

Inventory

Relation to Street Curb Adjacent

Maintained By Private

Material Concrete

Curb/Ramp

Start Curb Ramp ADA Approved Ramp

Start Ramp ADA Compliance Compliant

End Curb Ramp No Ramp

End Ramp ADA Compliance Not Applicable

Obstructions

Fire Hydrant Yes

Power Pole No

Sign No

Streetlight Yes

Tree No

Utility Cabinet No

Wall No

Memo

UNDO SAVE

Work Orders & Inspections

MAP SIDEWALK **WORK ORDERS** INSPECTIONS

ADD DELETE SELECTED

Entered: 9/21/2018 Open 9878

Completed: 9/4/2013 Completed 6754

Work Order Information

EDIT LAYOUT

Work Order ID 6754

Entry Date 9/2/2013

Status Completed

Completion Date 9/4/2013

Activity Trip Hazard Grinding

Reason Trip Hazard

Grind 4 joints

Work Details

Priority Normal

Authorized By Other

Assigned To Greg

Ended up grinding 5.

Worker Comments

UNDO SAVE

MAP SIDEWALK WORK ORDERS **INSPECTIONS**

ADD DELETE SELECTED

9/20/2018 Good Harold

Inspection Information

EDIT LAYOUT

Inspection Date 9/20/2018

Condition Good

Inspector Name Harold

Proposed Activities

No Activity Needed No

Fix Ramp Yes

Graffiti Removal No

Reconstruct Sidewalk No

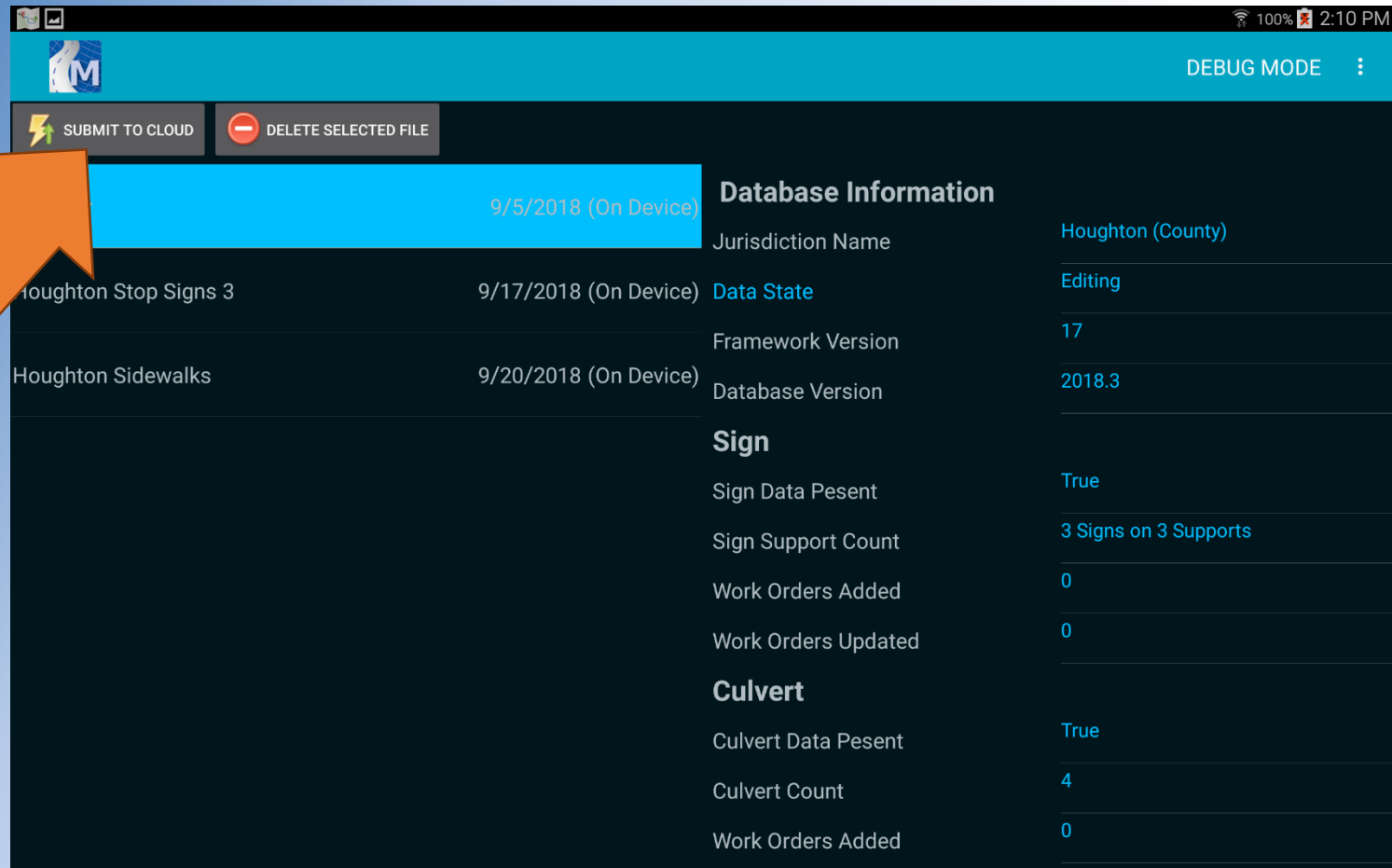
Replacement No

Trip Hazard Grinding No

Memo

UNDO SAVE

Submit to Cloud



The screenshot shows a mobile application interface with a teal header bar. The header bar contains a logo on the left and the text 'DEBUG MODE' on the right. Below the header bar, there are two buttons: 'SUBMIT TO CLOUD' (with a lightning bolt icon) and 'DELETE SELECTED FILE' (with a minus icon). A large orange arrow points to the 'SUBMIT TO CLOUD' button. Below the buttons, there is a table with two columns: 'Name' and 'Date'. The table contains three rows of data:

Name	Date
Houghton Stop Signs 3	9/5/2018 (On Device)
Houghton Sidewalks	9/17/2018 (On Device)
Houghton Sidewalks	9/20/2018 (On Device)

Below the table, there is a section titled 'Database Information' with the following data:

Database Information	Value
Jurisdiction Name	Houghton (County)
Data State	Editing
Framework Version	17
Database Version	2018.3

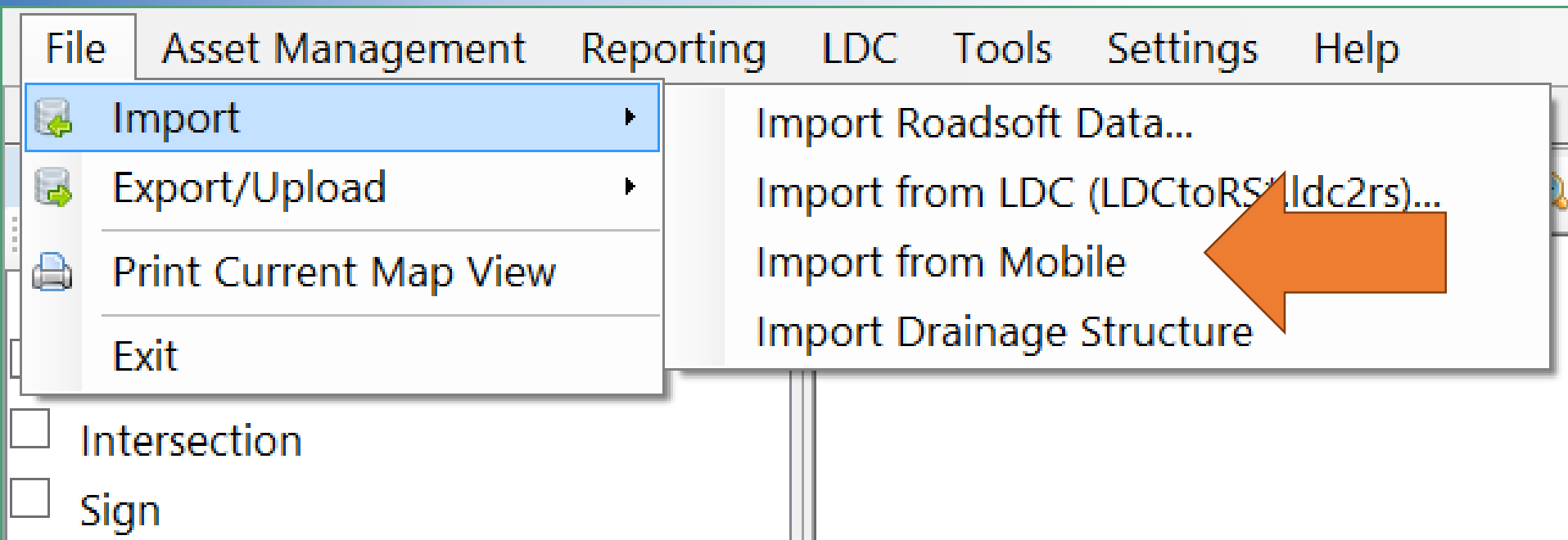
Below the 'Database Information' section, there is a section titled 'Sign' with the following data:

Sign	Value
Sign Data Present	True
Sign Support Count	3 Signs on 3 Supports
Work Orders Added	0
Work Orders Updated	0

Below the 'Sign' section, there is a section titled 'Culvert' with the following data:

Culvert	Value
Culvert Data Present	True
Culvert Count	4
Work Orders Added	0

Import from Mobile



Questions?

