

FACILITY ASSESSMENT APP

Walkthrough using Collector for ArcGIS

WHAT IS COLLECTOR?

Map-based data collection app

- View, create, & edit shapes with attributes on a map using a mobile device
- Data can be exported to ArcMap, Google Earth, and/or Excel

Inherently Spatial

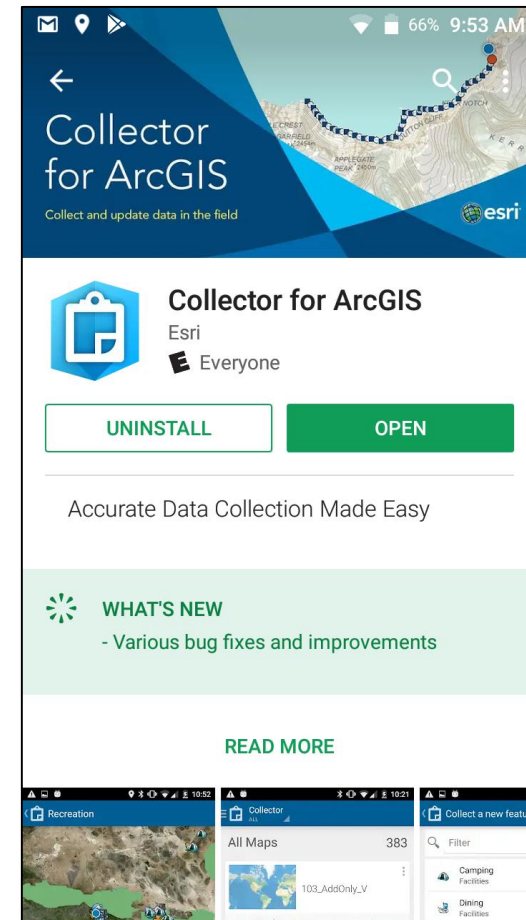
- All data must be associated with a shape (point, line, or polygon)

Cloud-hosted

- Collector maps are initially created in ArcGIS Online
- Data included in these maps are stored on an online database
- Synchronized data is updated on the web map automatically
- Wi-fi is required to work online or to download data for offline use

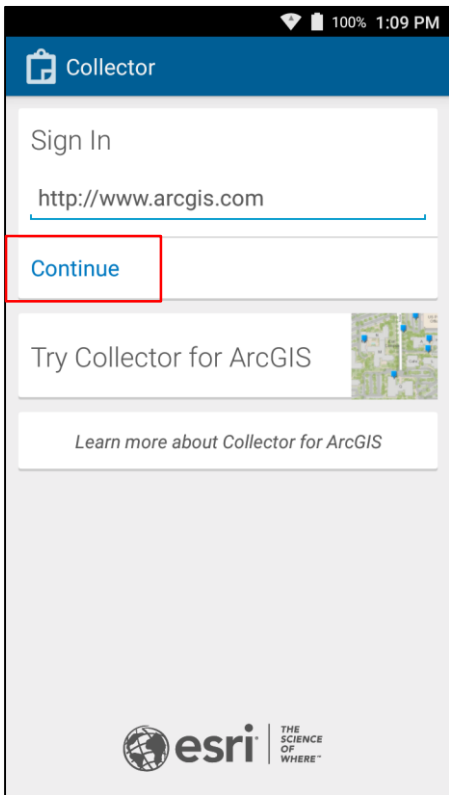
DOWNLOADING COLLECTOR

- Search the app store for “Collector”
 - If given a choice, choose “Collector Classic”
- The app is free
- If you do not already have the app, download and install to begin



SIGN IN WITH YOUR ARCGIS ONLINE ACCOUNT

1



Collector

Sign In

<http://www.arcgis.com>

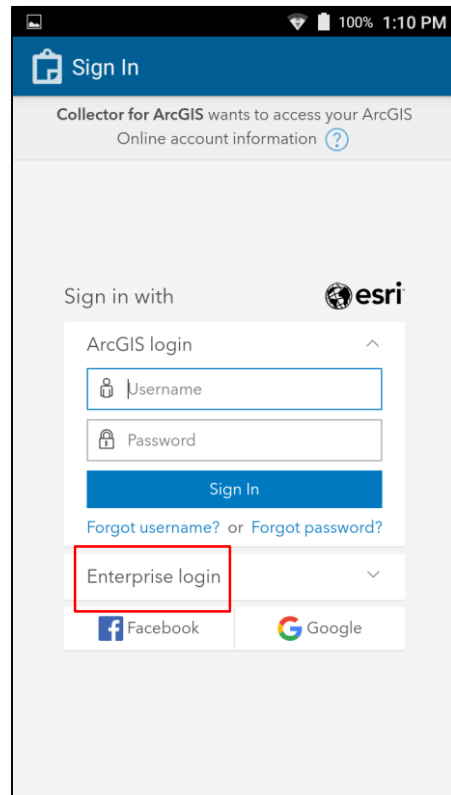
Continue

Try Collector for ArcGIS

Learn more about Collector for ArcGIS

esri THE SCIENCE OF WHERE

2



Sign In

Collector for ArcGIS wants to access your ArcGIS Online account information ?

Sign in with esri

ArcGIS login

Username

Password

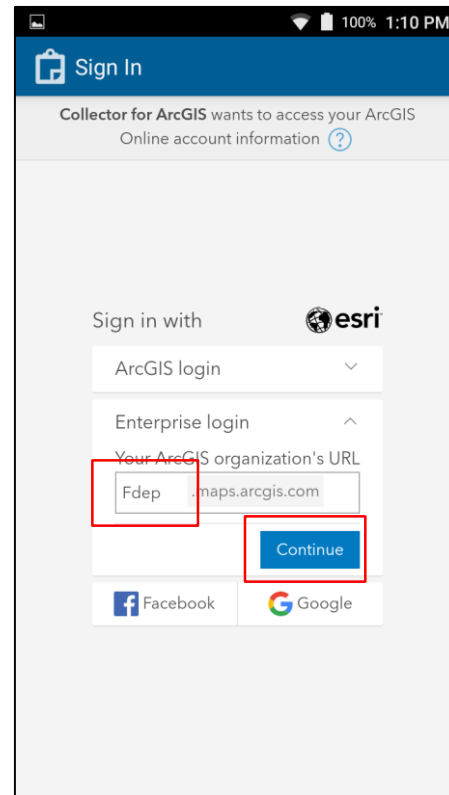
Sign In

Forgot username? or Forgot password?

Enterprise login

Facebook Google

3



Sign In

Collector for ArcGIS wants to access your ArcGIS Online account information ?

Sign in with esri

ArcGIS login

Enterprise login

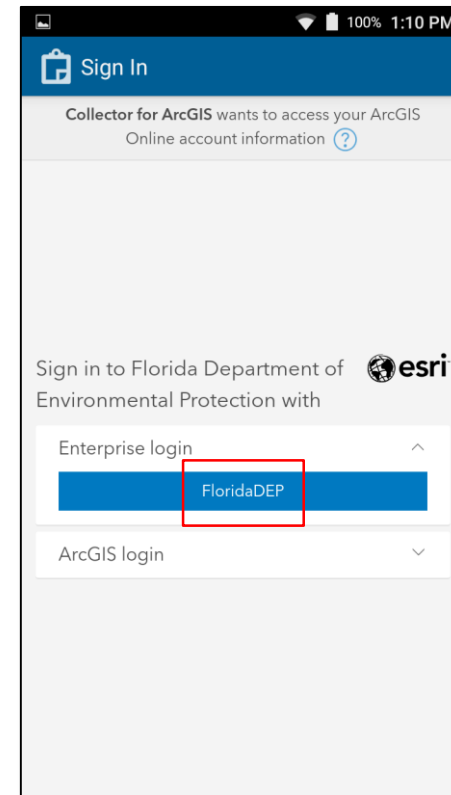
Your ArcGIS organization's URL

Fdep .maps.arcgis.com

Continue

Facebook Google

4



Sign In

Collector for ArcGIS wants to access your ArcGIS Online account information ?

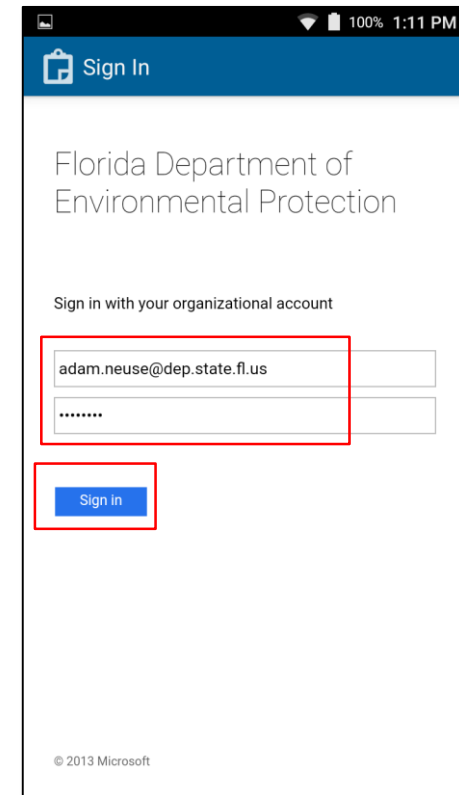
Sign in to Florida Department of Environmental Protection with esri

Enterprise login

FloridaDEP

ArcGIS login

5



Sign In

Florida Department of Environmental Protection

Sign in with your organizational account

adam.neuse@dep.state.fl.us

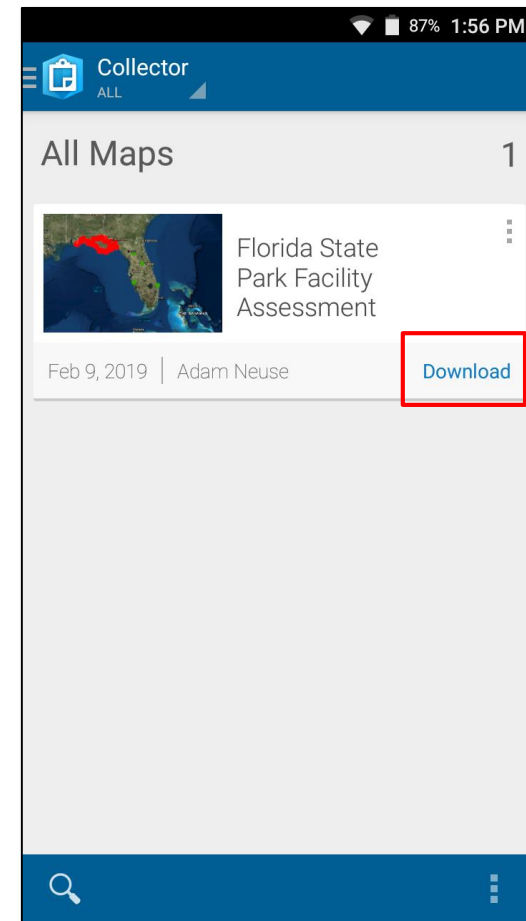
Sign in

© 2013 Microsoft

- * Enter "FDEP" when prompted for the URL on screen 3 *
- * Use your complete FDEP email and password on screen 5 *
- * If "@dep.state.fl.us" does not work, try "@floridadep.gov" *

DOWNLOADING A MAP FOR OFFLINE USE

- To start, scroll to the map you want to download
- Click “Download”
- If prompted to choose a basemap, click “Download a new basemap”



DOWNLOADING A MAP FOR OFFLINE USE

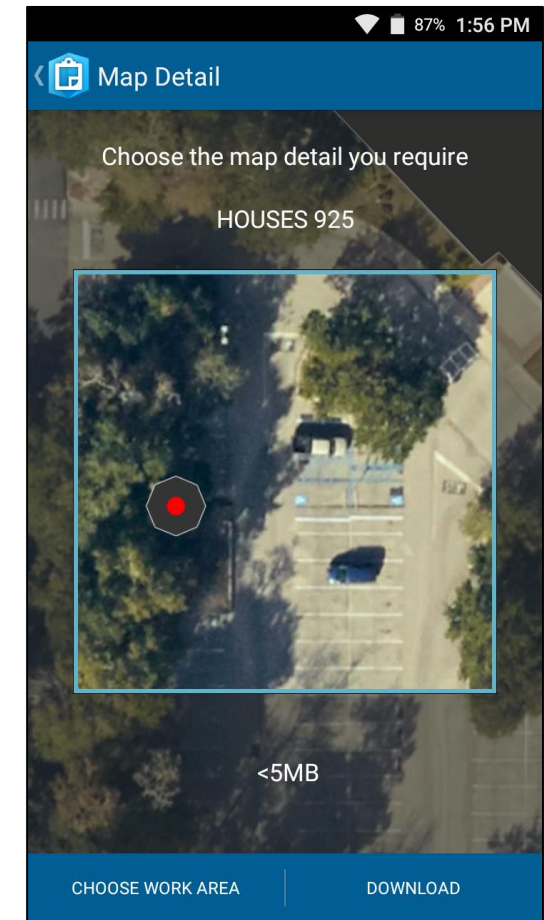
Select the download area

- Move the map to cover the area you want to download; think of this as the park boundaries
- When the boundary is set, click “Choose Map Detail” at the bottom of the screen

Select the basemap's detail

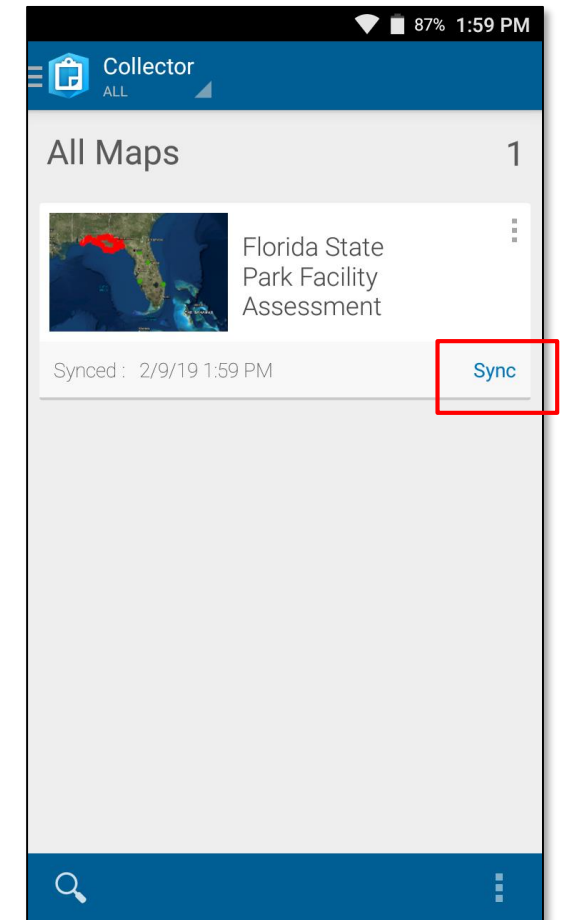
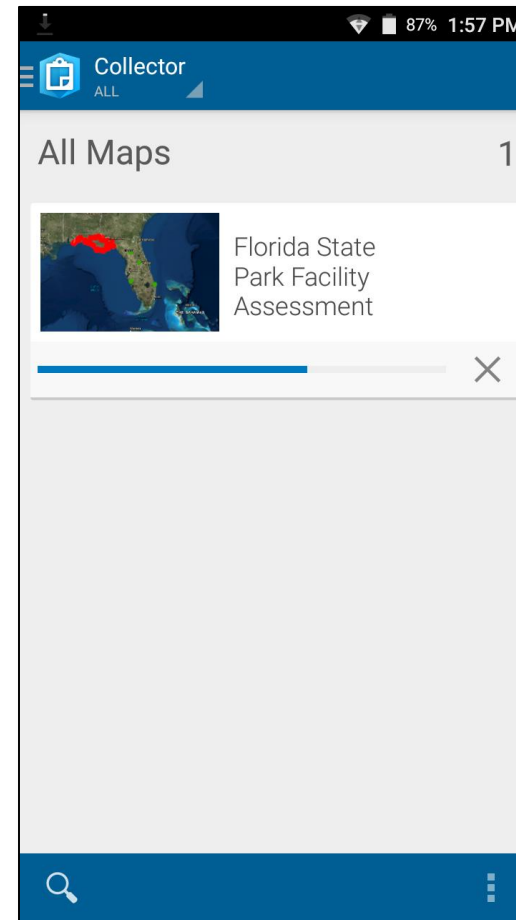
- Higher detail lets you see more clearly when zoomed in
- Download file size increases significantly with more detail
- GPS accuracy stays the same regardless of size or quality

Click “Download” in the bottom-right



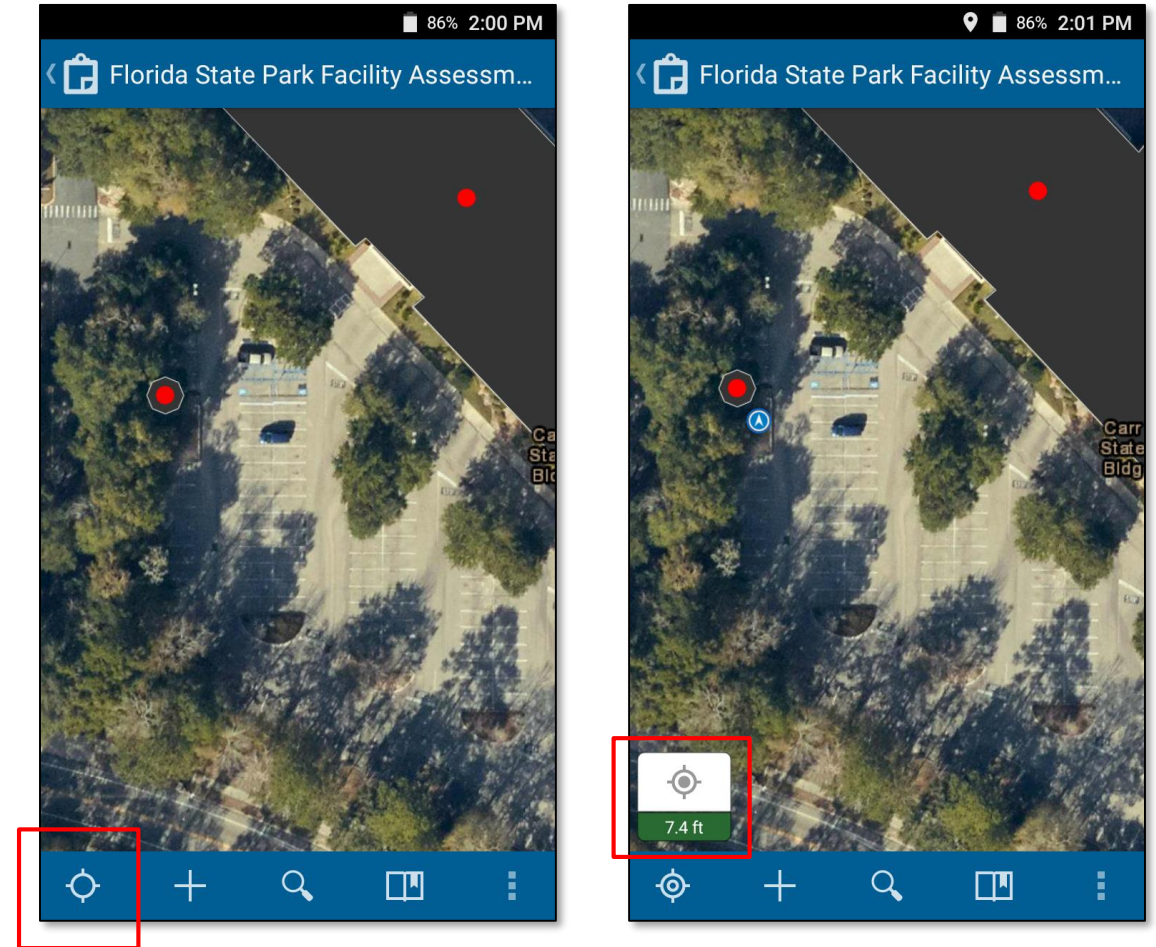
DOWNLOADING A MAP FOR OFFLINE USE

- The blue bar will show the progress of your download
- When the download is complete, you will be able to “Sync” your data
- **At this point, you are able to work offline**



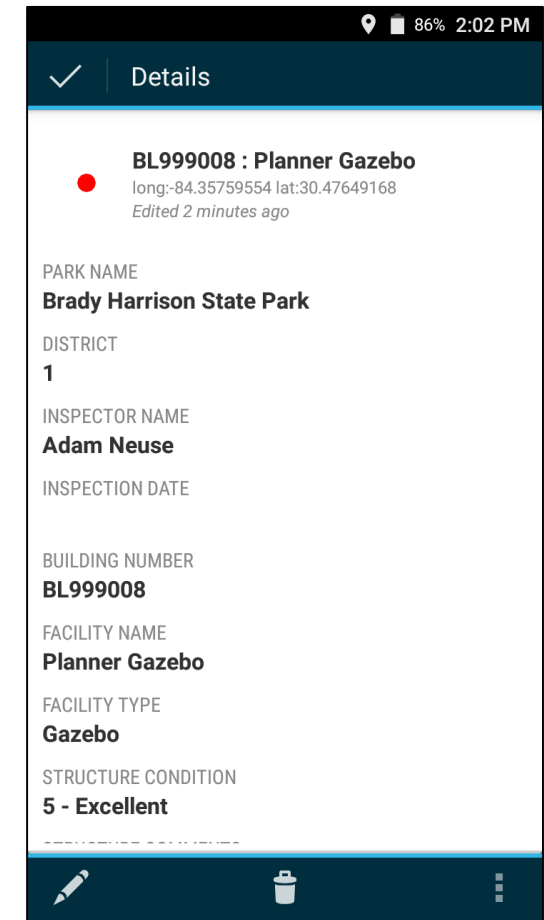
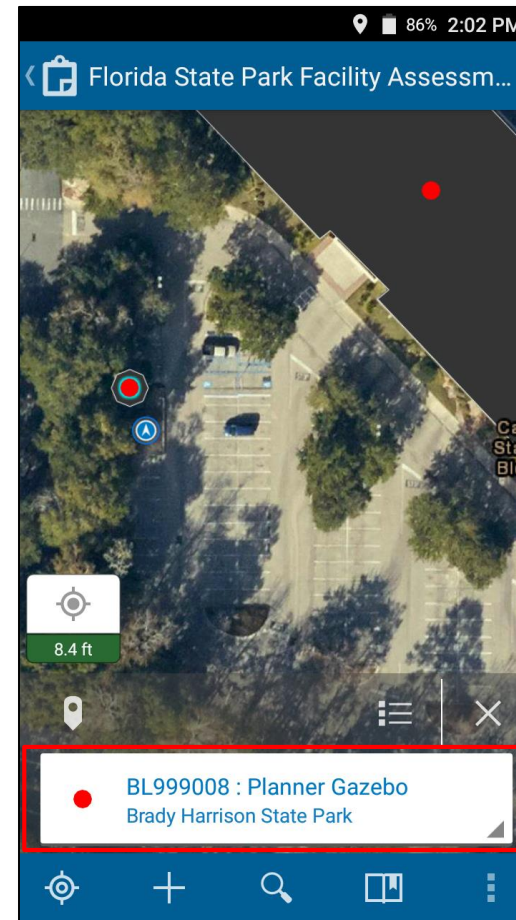
FINDING YOUR LOCATION

- If your location does not appear on the map, click the empty target button in the bottom-left
- This should focus on your location, shown in the map as a blue dot



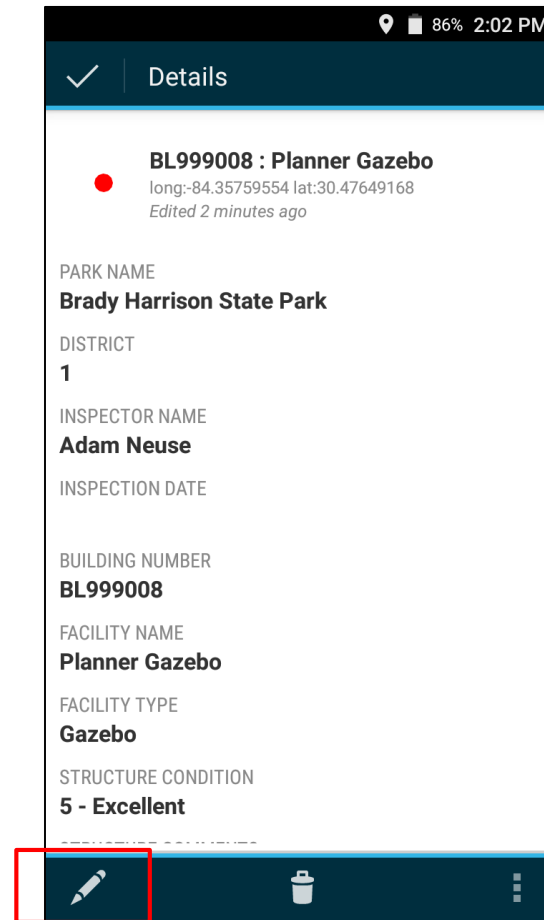
VIEWING DATA

- To view existing building data, select a point on the map then click the feature window at the bottom of the screen
- Scroll down to access more information about this building



EDITING DATA

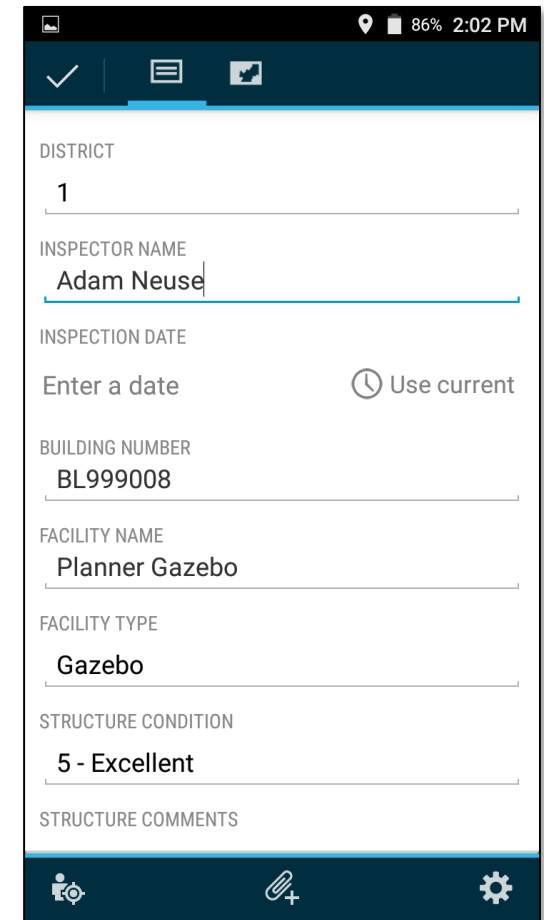
- To edit the building's data click on the pencil icon in the bottom left
- Scroll down to access more questions about this building



Mobile app screenshot showing building details. The header bar is dark blue with a checkmark icon and the text "Details". The status bar at the top shows a location pin, 86% battery, and 2:02 PM. The main content area displays the following information:

- BL999008 : Planner Gazebo**
long:-84.35759554 lat:30.47649168
Edited 2 minutes ago
- PARK NAME
Brady Harrison State Park
- DISTRICT
1
- INSPECTOR NAME
Adam Neuse
- INSPECTION DATE
- BUILDING NUMBER
BL999008
- FACILITY NAME
Planner Gazebo
- FACILITY TYPE
Gazebo
- STRUCTURE CONDITION
5 - Excellent

The bottom navigation bar is dark blue and contains three icons: a pencil icon (highlighted with a red box), a trash can icon, and a menu icon (three vertical dots).



Mobile app screenshot showing the edit form for building data. The header bar is dark blue with a checkmark icon, a list icon, and a map icon. The status bar at the top shows a location pin, 86% battery, and 2:02 PM. The main content area displays the following form fields:

- DISTRICT
1
- INSPECTOR NAME
Adam Neuse
- INSPECTION DATE
Enter a date ⌚ Use current
- BUILDING NUMBER
BL999008
- FACILITY NAME
Planner Gazebo
- FACILITY TYPE
Gazebo
- STRUCTURE CONDITION
5 - Excellent
- STRUCTURE COMMENTS

The bottom navigation bar is dark blue and contains three icons: a person with a magnifying glass icon, a paperclip icon, and a gear icon.

EDITING DATA

- Many questions have drop-downs that enable quick filling
- Many questions are required; you may receive an error if certain questions are not answered
- Please enter any additional information in the comments fields
- Comments are not required

A screenshot of a mobile application interface. At the top, there is a status bar with a location icon, 86% battery, and 2:03 PM. Below the status bar is a dark blue header with three icons: a checkmark, a list, and a map. The main form area has a white background. The first section is labeled 'FACILITY TYPE' and contains a text input field with the value 'Gazebo'. The second section is labeled 'STRUCTURE CONDITION' and contains a dropdown menu. The dropdown menu is open, showing five options: '5 - Excellent' (highlighted in blue), '4 - Good', '3 - Fair', and '2 - Poor'. Below the dropdown menu is a keyboard with a numeric keypad at the top (1-0) and a QWERTY keyboard below it. The bottom of the screen shows a dark blue footer with three icons: a person, a plus sign, and a gear.

A screenshot of a mobile application interface. At the top, there is a status bar with a location icon, 86% battery, and 2:03 PM. Below the status bar is a dark blue header with three icons: a checkmark, a list, and a map. The main form area has a white background. The first section is labeled 'SQUARE FOOTAGE' and contains a text input field with the value '314.2'. The second section is labeled 'UNIVERSALLY ACCESSIBLE' and contains a dropdown menu. The dropdown menu is open, showing three options: '<No value>', 'Complete', and 'Not complete'. Below the dropdown menu is a text input field with the value 'Not complete'. Below the text input field is a section labeled 'ATTACHMENTS' with a blue house icon. Below the 'ATTACHMENTS' section is a keyboard with a numeric keypad at the top (1-0) and a QWERTY keyboard below it. The bottom of the screen shows a dark blue footer with three icons: a person, a plus sign, and a gear.

EDITING DATA

- To attach a photo of the structure, click the paper clip
- Select the camera to take a new picture or select a picture you have already taken

Mobile app screenshot showing the 'EDITING DATA' screen. The screen displays a form with the following fields:

- HISTORIC BUILDING: No
- INSURANCE VALUE: 15000
- CONTENTS INSURANCE VALUE: 0
- SQUARE FOOTAGE: 314.2
- UNIVERSALLY ACCESSIBLE: Yes
- MARK FOR DELETION?: <No value>
- ASSESSMENT STATUS: Complete
- ATTACHMENTS

The bottom navigation bar contains three icons: a person, a paper clip with a plus sign (highlighted with a red box), and a gear.

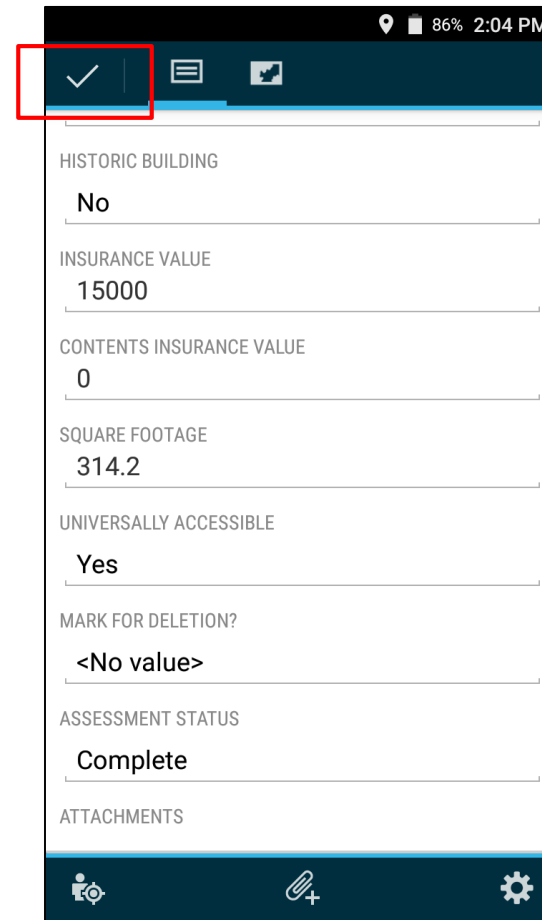
Mobile app screenshot showing the 'Add attachment from' dialog box. The dialog box has a blue header with the text 'Add attachment from' and two options:

- Camera (represented by a camera icon)
- Gallery (represented by a gallery icon)

The background shows the same form as the previous screenshot, but it is dimmed.

FINISHING EDITS

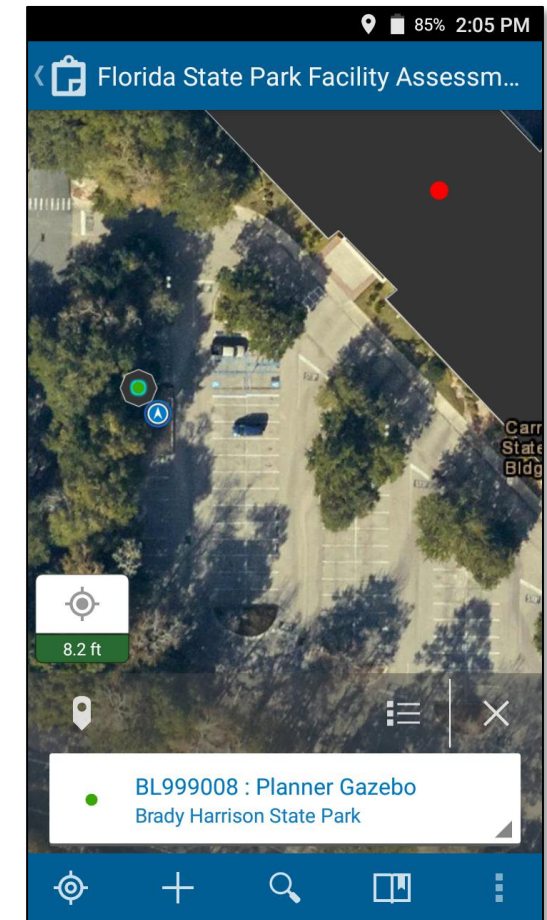
- When finished, select the check-mark in the top left
- If you changed “Assessment Status” to “Complete”, the building is now green
- This should help in tracking which buildings have already been completed!



A screenshot of a mobile application form for facility assessment. The form is titled "Florida State Park Facility Assessm..." and has a status bar at the top showing 86% battery and 2:04 PM. The form fields are as follows:

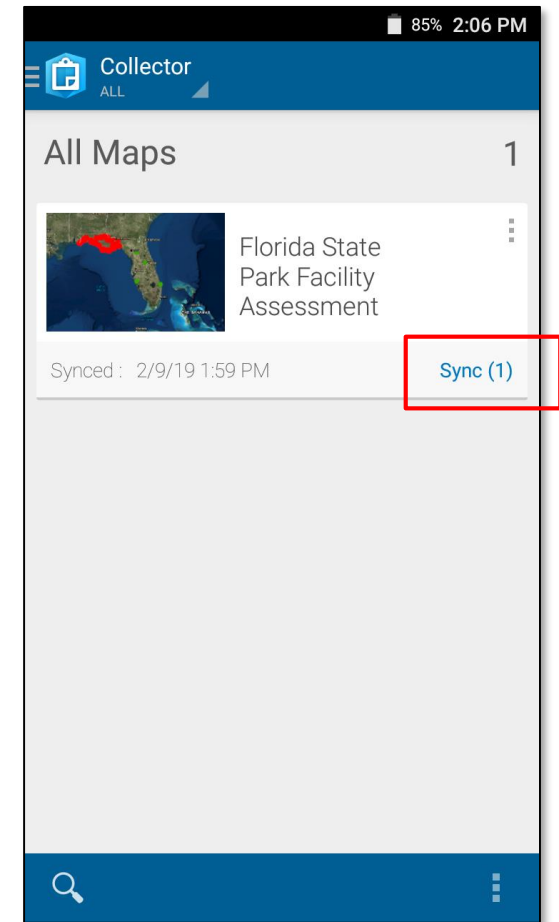
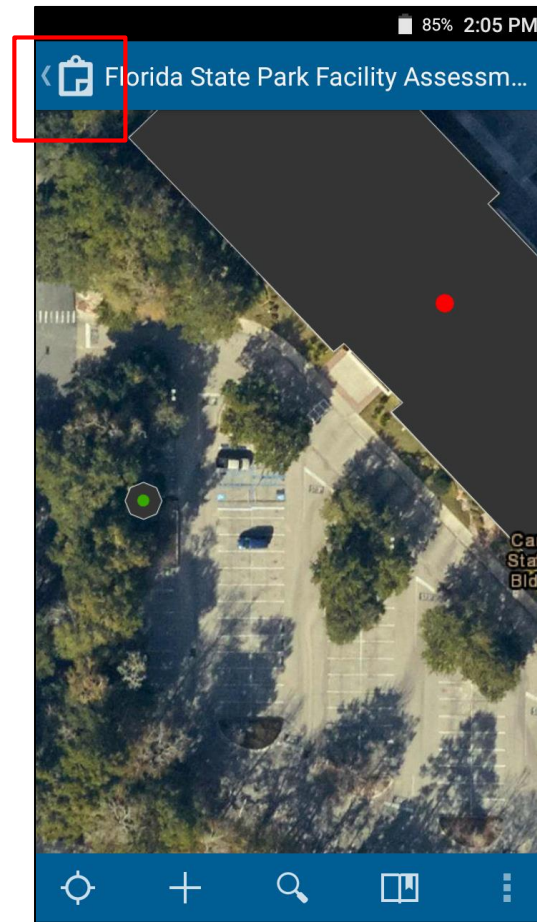
- HISTORIC BUILDING: No
- INSURANCE VALUE: 15000
- CONTENTS INSURANCE VALUE: 0
- SQUARE FOOTAGE: 314.2
- UNIVERSALLY ACCESSIBLE: Yes
- MARK FOR DELETION?: <No value>
- ASSESSMENT STATUS: Complete
- ATTACHMENTS: (empty)

The top left corner of the form has a checkmark icon highlighted with a red box. The bottom of the form has a navigation bar with icons for a person, a plus sign, and a gear.

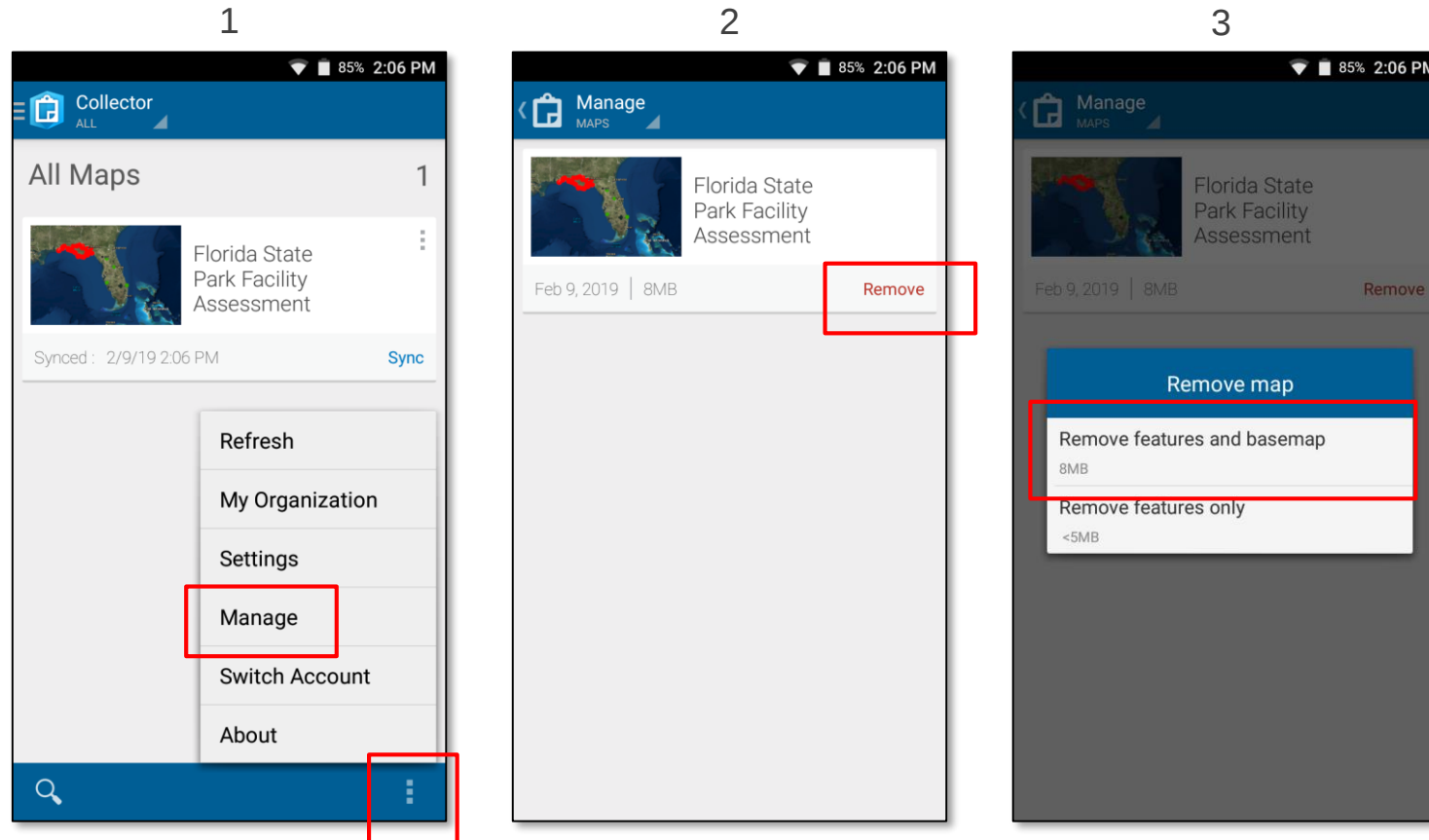


UPLOADING DATA

- **Make sure your mobile device is connected to Wi-Fi**
 - A strong internet connection is sometimes necessary to upload successfully, especially with pictures
- Click the back button at the top left of the map to return to the list of maps
- The “Sync” button should now include a number representing the amount of changes you have made to the map
- Click Sync (#) to upload your data



REMOVING MAPS



You need to remove a map to download the same map with a new area.
Ensure you have synced all changes before removing.

TROUBLESHOOTING

Please feel free to contact us with any questions that you may have:

Adam Neuse

Adam.Neuse@dep.state.fl.us

850-245-3058