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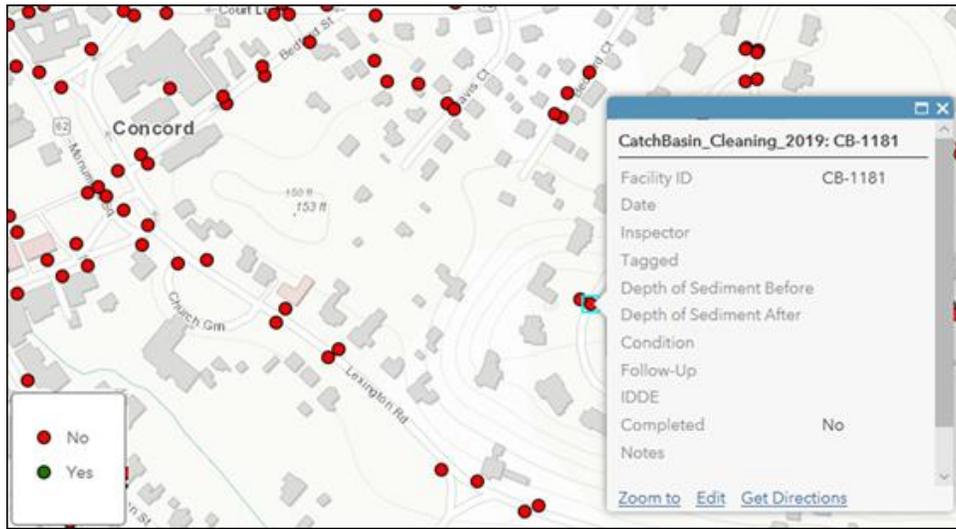
### 1. Welcome, Ben Griffiths!



Hello all! My name is Ben Griffiths and I am the new GIS Technician/Analyst for Concord Public Works.

A bit of background on myself: I grew up and have lived in Natick my whole life. While at Natick High, I was introduced to the world of GIS during an internship with Natick Public Works' Engineering and GIS Division. I inventoried and GPS-located thousands of assets such as water shut off valves, hydrants, and manholes. Most recently, I completed both my undergraduate and master degrees at UMass Amherst. At UMass, I continued expanding my GIS expertise by working as a GIS Technician in the Environmental Health and Safety Department. In my spare time, I enjoy playing in both a softball and a hockey league, along with working on my car and motorcycle.

One of the main tasks I was given upon starting in Concord was to utilize our mobile devices for both data viewing and collection while out in the field. Public Works must report on certain assets on an annual basis, and we have successfully taken a step forward in making sure that information is gathered digitally and more efficiently. It is also vital for our operations crew to have access to all of our asset locations and information, whether they are doing routine maintenance or in the event of an emergency. A few of the Applications I have developed so far to help meet these needs:



App for annual Catchbasin inspections and cleaning performed by Operations Crew



Mobile device App with important Sewer assets



Mobile device App with important Water assets

Other priority missions include:

- implementing our new roadway management and tracking system
- organizing and updating our asset layers
- helping with the backend automation of permit tracking
- empowering personnel to be technology-forward users

I was very fortunate to be offered this opportunity. It has been very exciting to see how far things have come in only a little over a month and I cannot wait to continue the progress forward!

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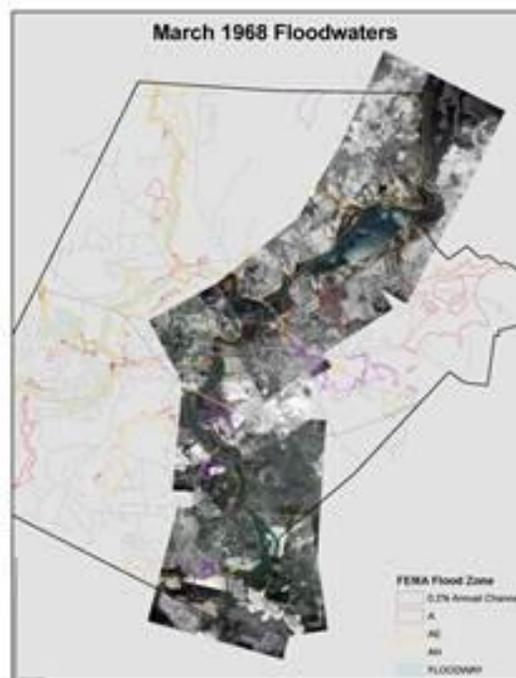
## 2. Aerial Slideshows on GIS Website

As reported in the April 2019 Newsletter, we now have a splendid array of georeferenced aerial imagery from the 1940s onward. I have created a new GIS web page to showcase this material. Along with instructions on how to view the imagery in MapsOnline, the [Aerial Imagery](#) web page presents a variety of **slide shows** with imagery over time, showing how land use has changed.

Currently showing:

- Annursnac Hill
- Black Birch Lane and the 2229 Main St Superfund site
- Concord-Carlisle High School

as well as a virtual flyover of the March 1968 Sudbury River's floodwaters, south to north, starting from an overview map:

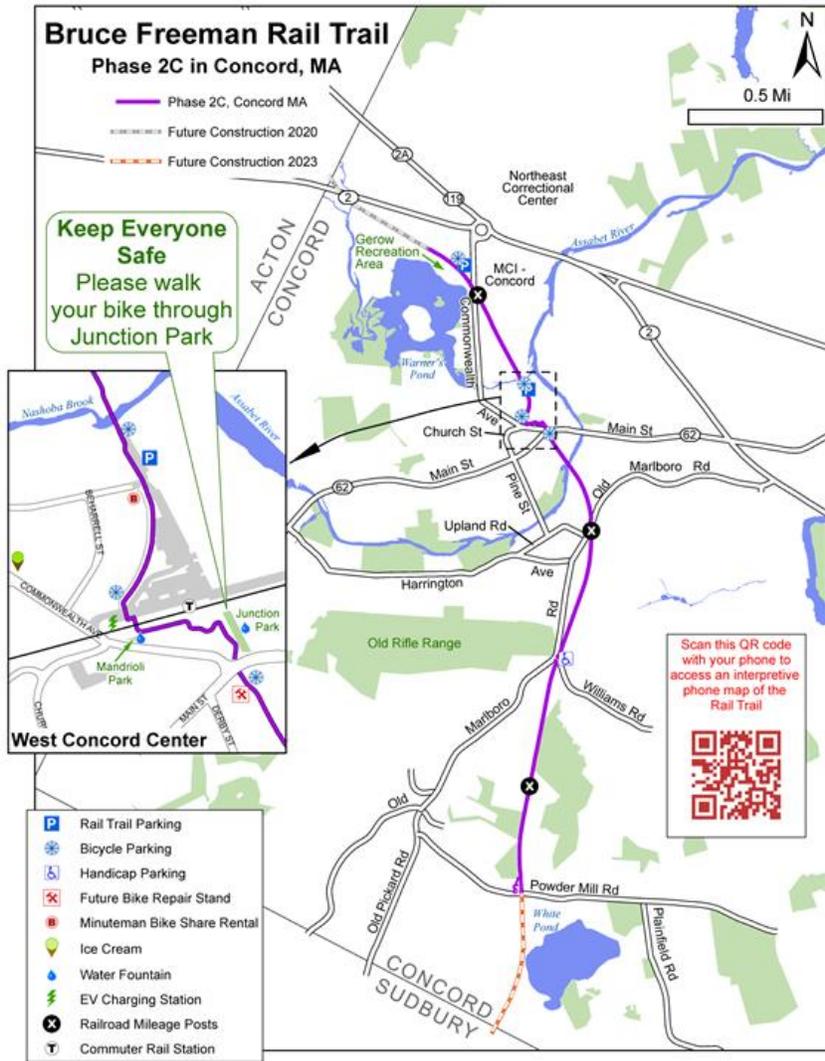


Check it out, and if you have suggestions for additional slide shows, please let me know!

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## 3. Bruce Freeman Rail Trail

The Phase 2C ribbon-cutting ceremony for the newest segment of the Bruce Freeman Rail Trail took place last Friday, September 27 in West Concord. In preparation for the festivities, DPLM Director Marcia Rasmussen requested an updated map of the Trail, to provide as-built details augmenting my original [map for the Friends of the BFRT](#). Such details include new bike racks, a pick up/drop off Bike Share location, parking, ice cream, and more:



That big red QR code leads to a (if I may say so myself) lovely [photo tour](#) of the Rail Trail, highlighting various points of interest along the way. My particular favorites relate to the trail's railroading history: flanger sign, diamond junction and more. Fun to research, photograph and assemble!

**Bruce Freeman Rail Trail, Concord MA**

Trail route and Points of Interest. Click on a thumbnail at the bottom to zoom to its location, and to view a larger photo with additional information about the site. To see your location on the map, tap the My Location button to connect to your phone's GPS.

Welcome!

Welcome to the Bruce Freeman Rail Trail in Concord, Massachusetts!

Mile 14.25 Whistle post Switch tracks Nashoba Brook Switch Mile 14.50

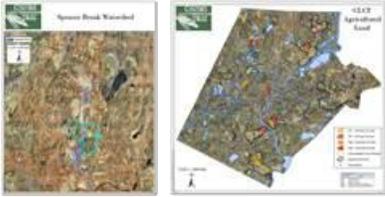
Tapping the My Location button  and connecting the app to your phone's GPS lets you know exactly where you are along the trail!

I just love this stuff.....

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## 4. Map / App Gallery

*CTRL-Click on a thumbnail to view the map or app*

<p><b>MapsOnline: CMLP Rebate</b></p>		<p>Supports CMLP Energy Management by displaying parcels according to heating source – oil, gas or other. The information is updated directly from the Assessing database.</p>
<p><b>Concord Land Conservation Trust</b></p>		<p>The CLCT's new Executive Director requested some mapping support until they develop their own GIS capability. A couple of examples:</p> <ul style="list-style-type: none"> <li>- Spencer Brook Watershed, for potential land acquisition</li> <li>- CLCT Agricultural Land, for Ag Day</li> </ul>
<p><b>Web App: Assessing Inspection</b></p>		<p>An app for Assessing inspectors in the field, providing:</p> <ul style="list-style-type: none"> <li>- GPS-based location</li> <li>- address search</li> <li>- full assessing details by parcel</li> </ul>

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