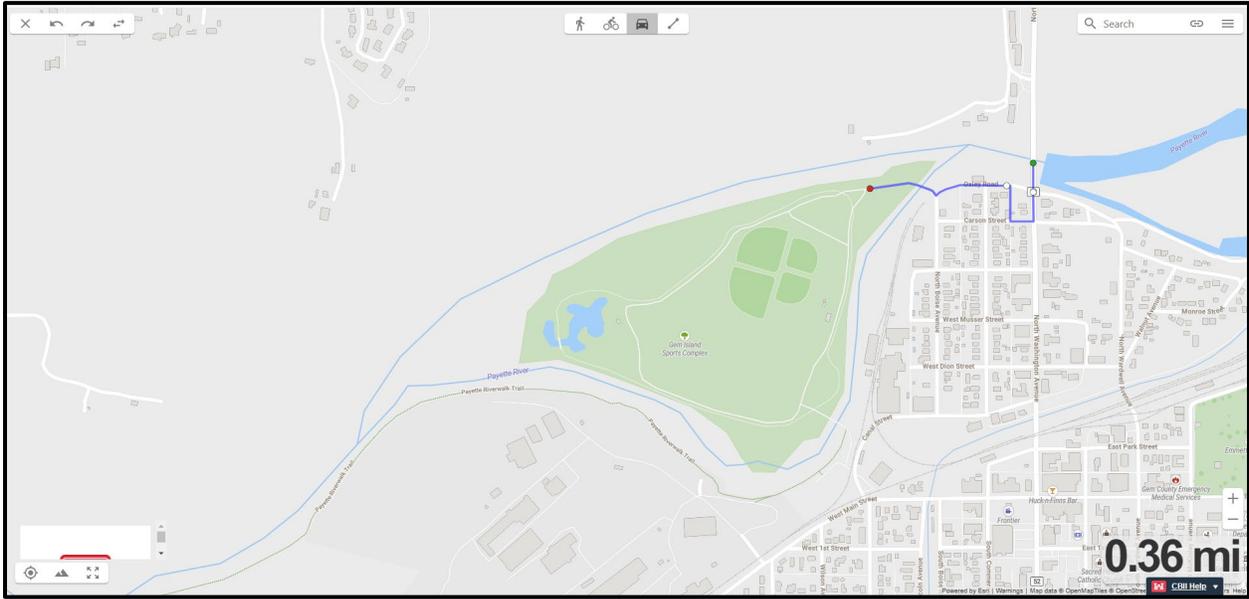


## Using “On The Go” Map and Saving Routes as GPX Files

1. Navigate to <https://onthegomap.com/#/create>

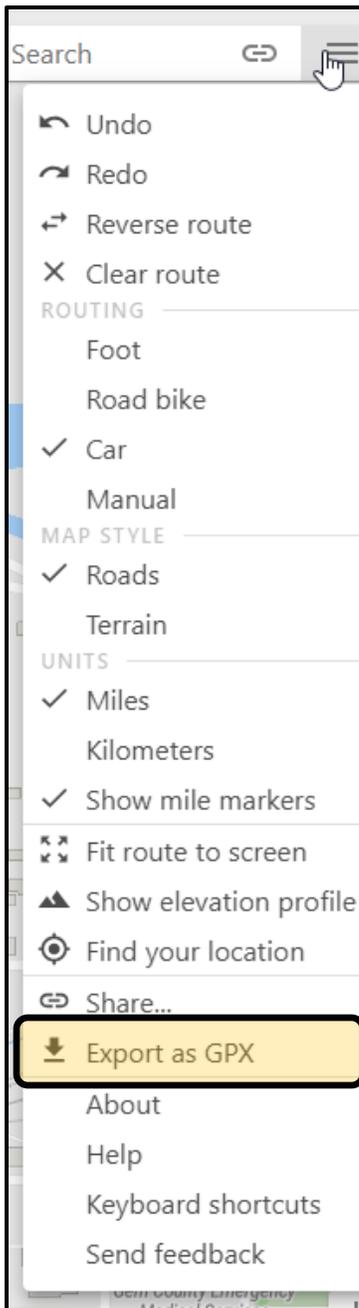


2. Use the top center island to select your mode of transportation
  - a. The walking person will snap your path to known walking routes/trails, the bike will snap your path between points to known biking routes/trails, and the car will snap to roads. The line with dots on either side will turn off the snapping feature and instead draw a straight line between points. This is what those surveying in open fields will need to use. To drop a point, simply click once and a point will appear.



3.
  - a. In the upper right hand corner, you will see a search bar. You can use this to search for an address or city name to get your map in the right location.

4. Once the final point has been dropped, click the upper right hand hamburger button (3 stacked lines, )
5. From the expanded menu, scroll down to “Export as GPX” and click that option



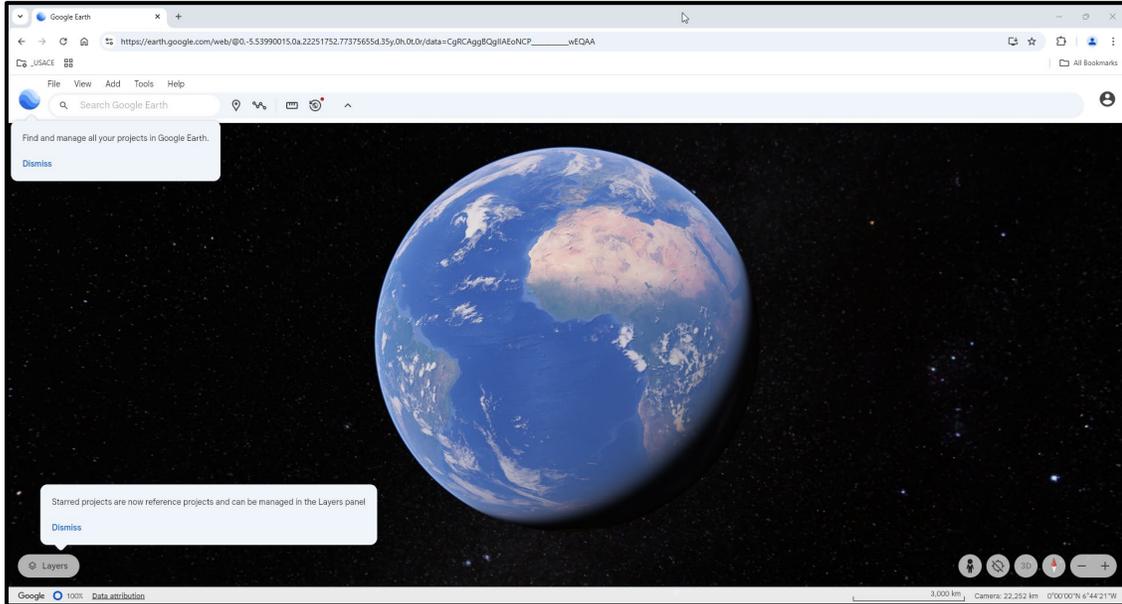
a.

6. Save the file somewhere you can find it, ideally with a name representative of the route such as the route number. If no known, official route name/number exists, we recommend using something to describe start/end points (IE town names), and the state abbreviation (PA, MD, ID, etc).
7. Email the file to Mike Vissichelli and Ashleigh Boss (Michael.G.Vissichelli@usace.army.mil, Ashleigh.N.Boss@usace.army.mil) and give yourself a pat on the back!

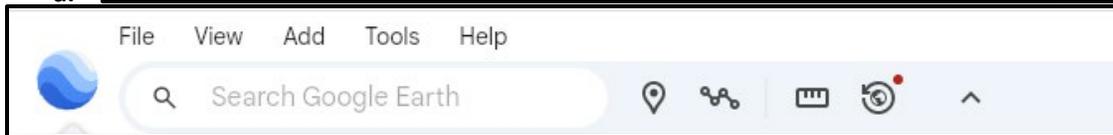
**THANK YOU!!!**

# Using Google Earth and Saving as KML Files

1. Navigate to <https://earth.google.com/>

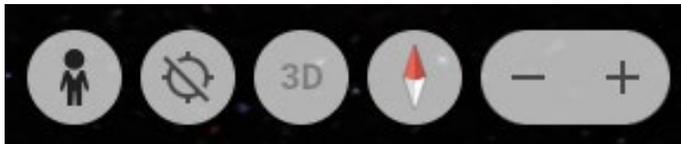


a.



2.

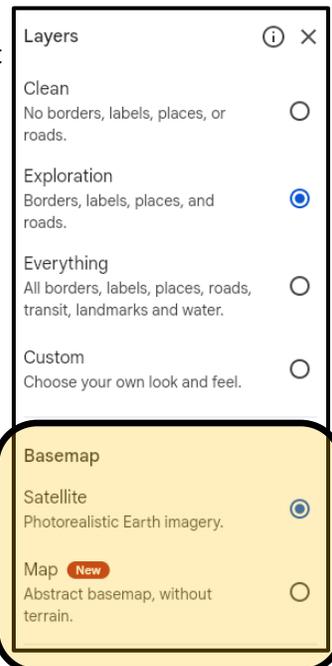
- a. Use the search bar in the upper left hand corner (show above) to search for an address, coordinates, city name, etc. to zoom in to your route area.



b.

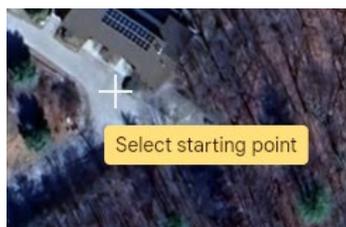
You may also click and drag your mouse to move the earth. Double clicking a point will zoom in a preset amount, or you can use the buttons pictured above (found in the lower right hand corner) to zoom in (+) or out (-). The crosshairs symbol will zoom to your current location if your device has locations services turned on.

- c. The "layers" button found in the lower left hand corner will open Open the menu shown to the right. Depending on your route, You may find the "Satellite (default)" basemap or the "Map" Basemap more useful. Map is similar to google/apple navigation Maps, while Satellite will show detailed aerial imagery.



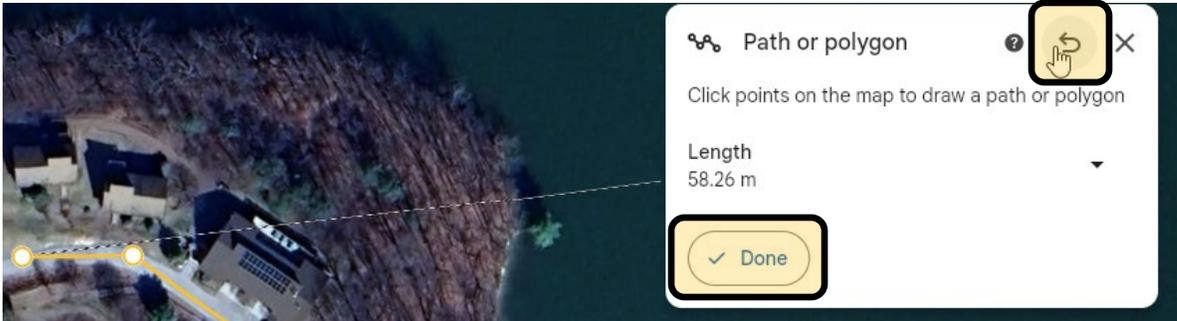
3. Once you have navigated to your route area, return to the upper left hand Bar and click

"Add Path or Polygon, ()". You will notice your mouse cursor becomes a crosshair and says "Select Starting Point" (pictured below)

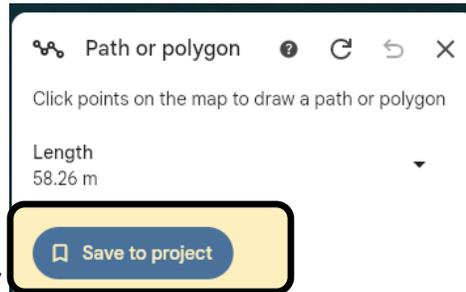
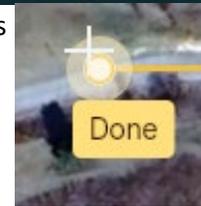




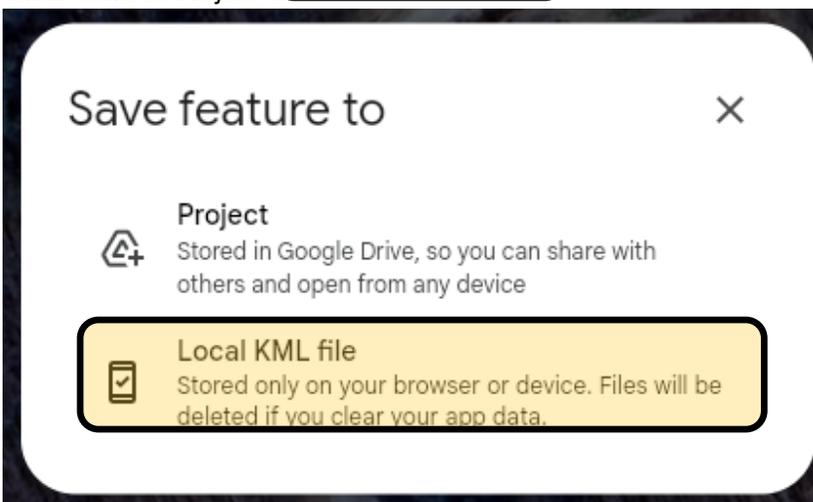
- a. Clicking once will drop a point, then a dotted line (can be hard to see, but is visible in left hand side of image above) will connect that dot to your crosshair cursor so you can see where the line will draw if you drop a new point. Continue clicking to drop points and build your route.
- b. If you make an erroneous click, or a line doesn't draw in a way you wanted, there is an undo button to delete the last point dropped (highlighted below)



- c. Clicking on a point twice will finish your line. You'll see a box that says "Done" pops up indicating your click will end the line. (shown in image to right) OR you can use the "Done" button in the box pictured above with the "Undo" button.



- d. Click "Save to Project"



- e.
- f. Click "Local KML File" on the window that opens.

8. Press "CTRL" and "E" on your keyboard to save this file to your computer. A "Save As" box will open. Save the file somewhere you can find it, ideally with a name representative of the route such as the route number. If no known, official route name/number exists, we recommend using something to describe start/end points (IE town names), and the state abbreviation (PA, MD, ID, etc).

9. Email the file to Mike Vissichelli and Ashleigh Boss (Michael.G.Vissichelli@usace.army.mil, Ashleigh.N.Boss@usace.army.mil) and give yourself a pat on the back!

**THANK YOU!!!**