



# Learn Garmin BaseCamp for PCs (Part 2 - Advanced Routing)

by Ed Conde, 2021

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# Introduction

This Agenda is a continuation of **Learn Garmin BaseCamp for PCs:**  
([http://www.newenglandriders.org/GPS/Learn\\_BaseCamp\\_PC\\_21.pdf](http://www.newenglandriders.org/GPS/Learn_BaseCamp_PC_21.pdf))

It is assumed that all users have completed **Learn Garmin BaseCamp for PCs** and are familiar with all concepts covered in that document.

It is especially important that all users:

- Have their BaseCamp folders set up as described
- Have their BaseCamp settings as described
- Have the GPS settings set as discussed
- Have the maps on the GPS and in BaseCamp updated
- Are familiar with the BaseCamp interface
- Know how to use all BaseCamp tools and menus
- Can zoom using the +/- keys and move the map using the arrow keys

*(Note: this agenda was created based on BaseCamp v.4.7.3. Some functions have changed from past versions or features may change with future releases)*

The agenda is broken down into 2 sections:

A. Creating Great Routes From Scratch

B. Example

*New England Riders is a group of motorcyclists who self-organize to ride and have fun with other riders. It is not a club; there are no dues, membership, rules, or officers. We are an inclusive club and all motorcycle brands are welcome. We believe in safe group riding and being respectful toward others. Everyone is welcome to participate in the Facebook Group, the forum, at social gatherings, and on rides.*

## A) Creating Great Routes From Scratch

What are some features of a great route? For me:

- Few cross streets and driveways
- Low traffic
- Curvy roads
- Rivers and Lakes or Ocean
- Parks and Forest
- Good pavement (or dirt)
- Elevation changes
- Scenic Views
- Nice Things to See
- Good stops including lunch

Few cross streets, low traffic, and curvy roads are easy to understand. I like rivers and lakes because roads often follow the curvy banks and afford good views. It is the same with some ocean roads. Parks and forests can give shade and a lack of commerce. Elevation change often means curvy roads. I try to include these things in my routes.

What are some tips for creating well-crafted routes that others can follow?

- Place points just after turns (not before) so that the GPS announces the turn with plenty of notice.
- Use enough points to force the route to go where you intend. Never rely on the GPS to draw the route for you unless you want surprises.
- Schedule restroom breaks every 90 minutes or so. Someone always needs it.
- Remember gas stops. Combine with restrooms and food if possible.
- Set a start time and then plan your stops and lunch at the desired times.
- Zoom in to place route points accurately. Place these points so that they display an actual street address. If intersections or roadside attractions are chosen, they may be dropped by some GPSes.
- Use shaping points for newer Garmin GPSes with Trip Planner. Shaping points prevent these GPSes from splitting large routes into smaller routes.
- Make sure that the route start, end, and stops are saved as waypoints. If riders have to detour or change plans, they can go directly to these waypoints.

## B) Example

Let us create a route in BaseCamp from Ellenville, NY that uses all of these tips and features. Ellenville is a great spot to begin a route. The town checks off all of the items on my good route list.

Begin by opening BaseCamp. Create a Folder called Temp in My Collection. To do this, right click on the My Collection folder and select New List Folder. Name this folder Temp. Next, create a list in Temp by right clicking the Temp Folder and selecting New List. Name this List Temp. This Temp List will be our clean workspace. If you already have a Temp List, make sure that it is empty before we begin.

Let us look for a good location for a ride start. I like gas stations with breakfast and coffee. In New York, that means Stewarts.

Select Find from the BaseCamp menu and then Find Options from the dropdown menu (Figure 1). A Find Options Window will open (Figure 2).

Type Ellenville, NY in the text box and then select Ellenville, NY USA from the dropdown menu. Select the Points of Interest radio button (Figure 3) and then Fuel from the More Options dropdown list (Figure 4).

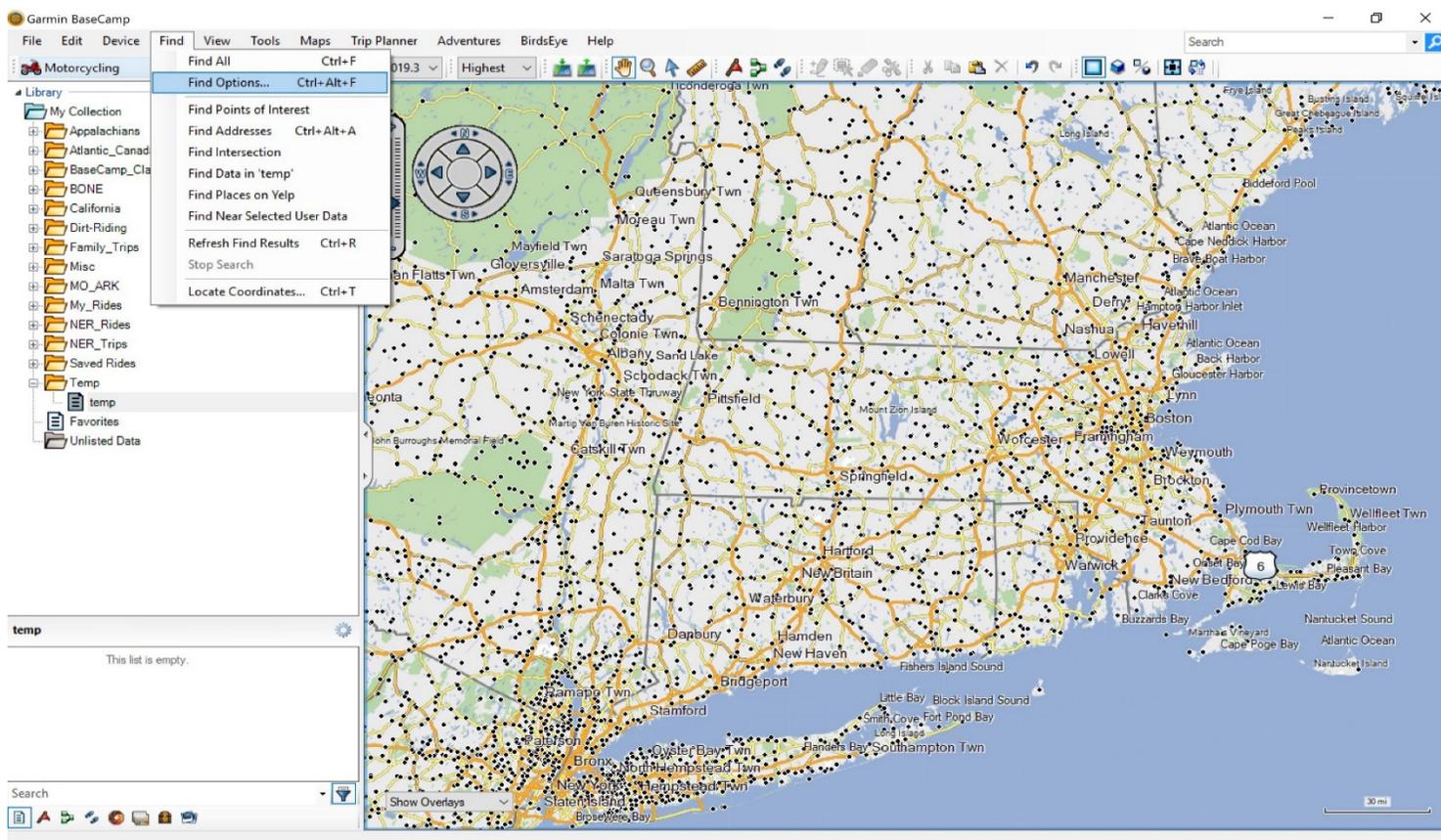


Figure 1: Find Options

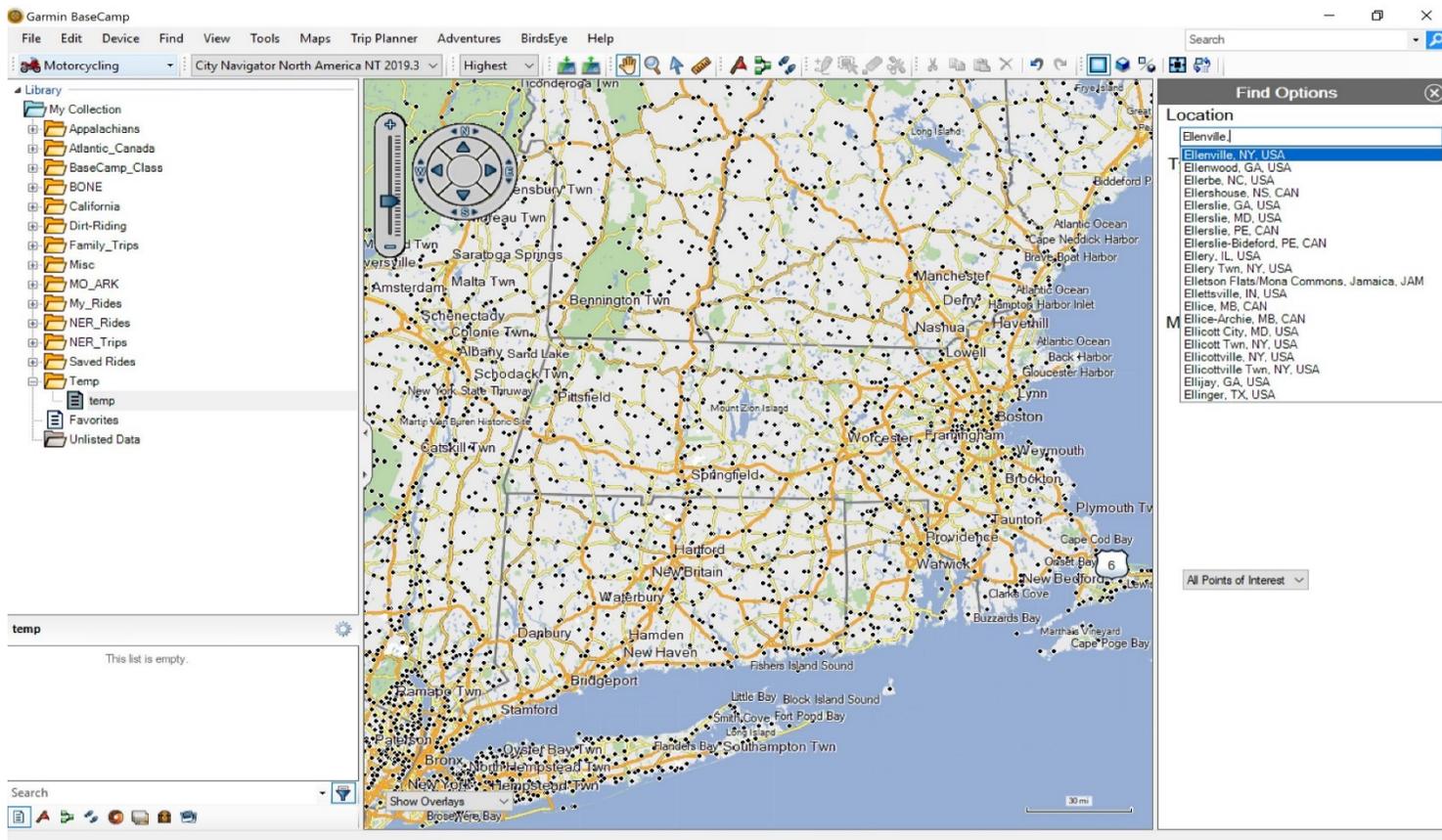


Figure 2: Location: Ellenville, NY

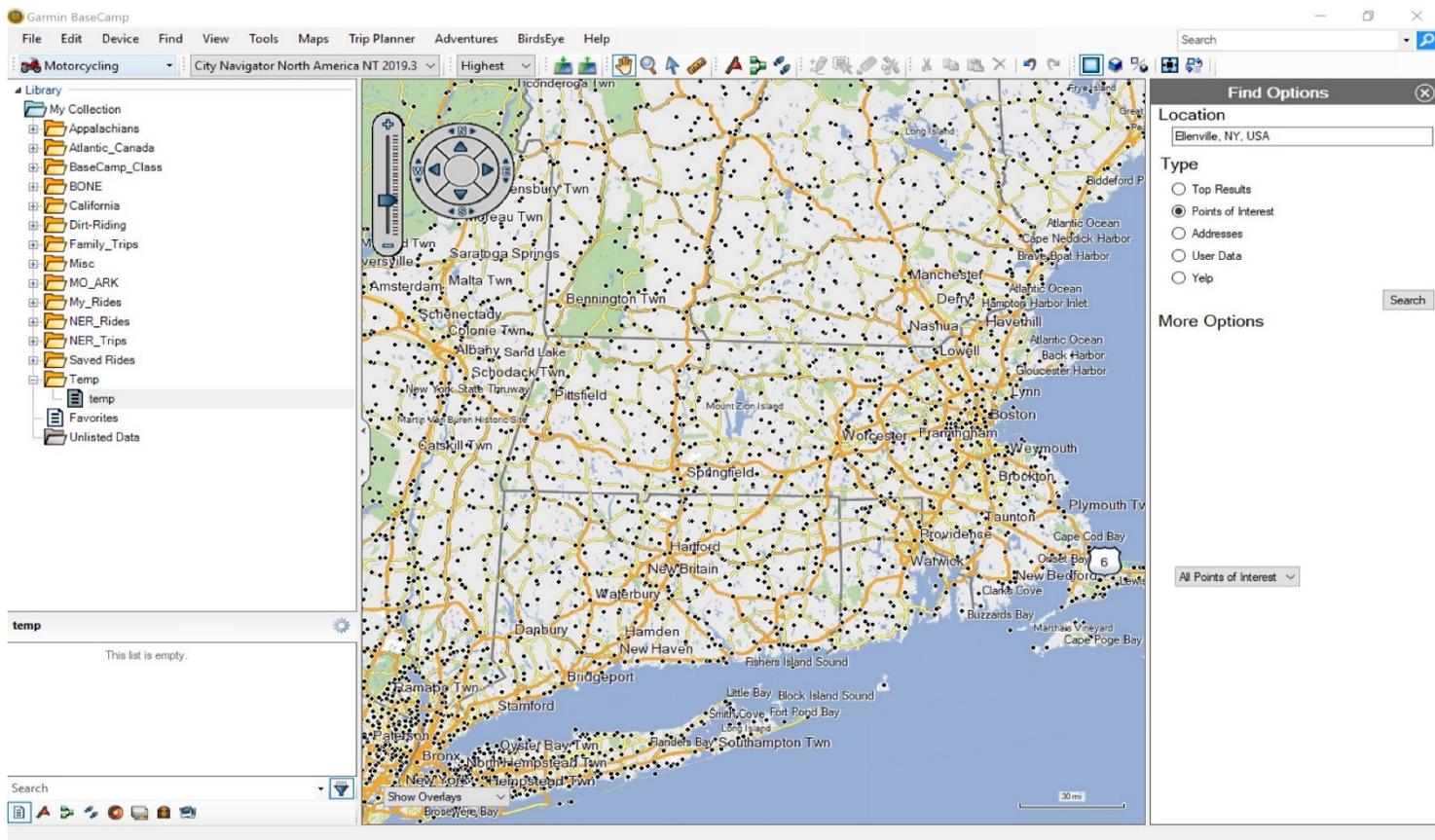


Figure 3: Points of Interest

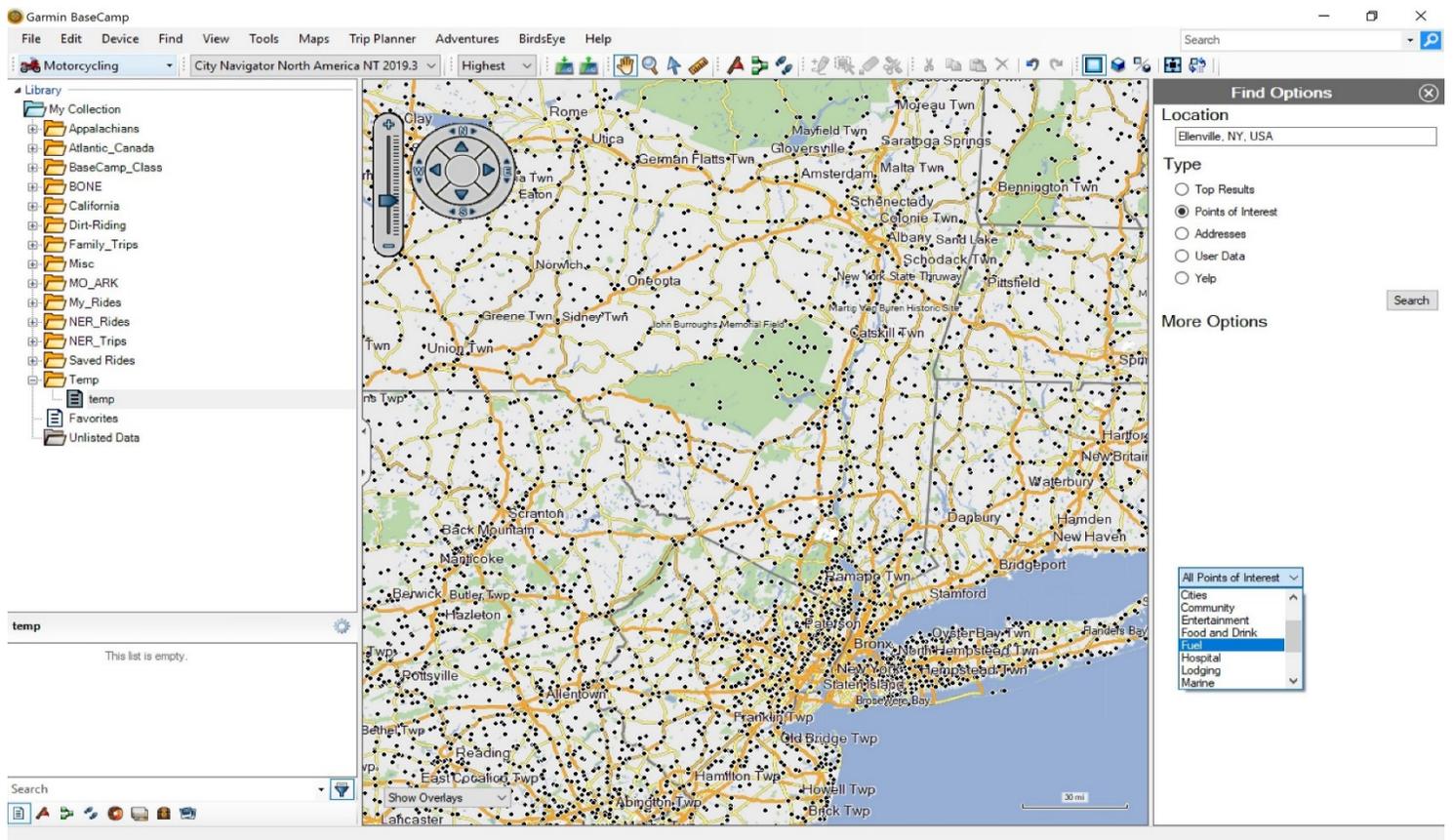


Figure 4: Fuel

Select Stewart's Shops, Ellenville, New York from the search results (Figure 5). A Stewart's Shops information window will open on the map (Figure 5). Click on the red waypoint flag in this window to add Stewart's Shops to the map and to the Temp List. Click on the name Stewart's Shops on the map (or double click on the name in the Temp Window) to open up the Stewart's Shops waypoint properties window (Figure 6). Change the name to Stewart's Ellenville NY so that we do not confuse this Stewarts with other Stewarts in the future. Change the icon to the convenience store icon 

Close the Stewart's Waypoint Properties Window. Close the Points of Interest Window.

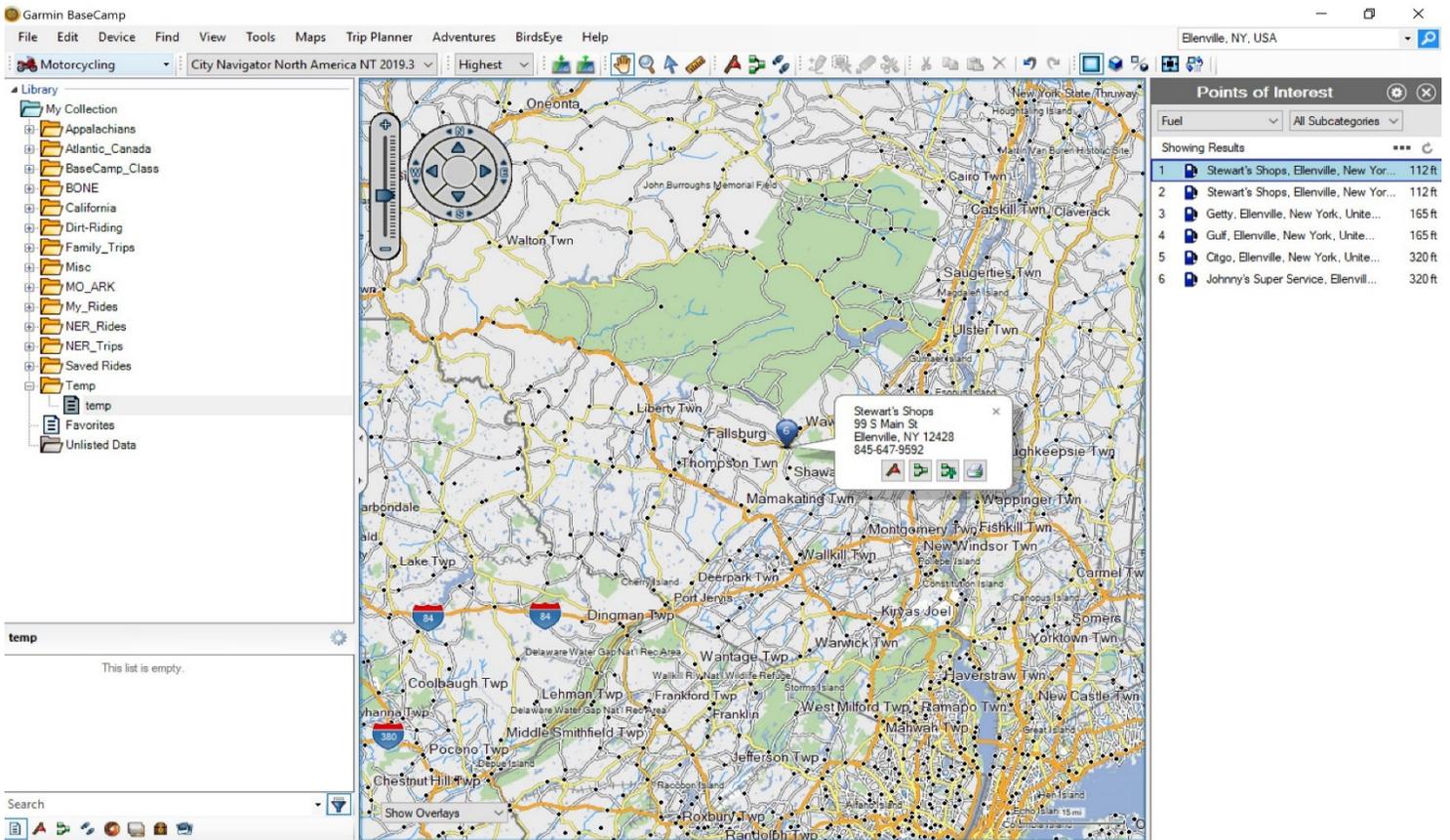


Figure 5: Create Stewart's Shops Waypoint

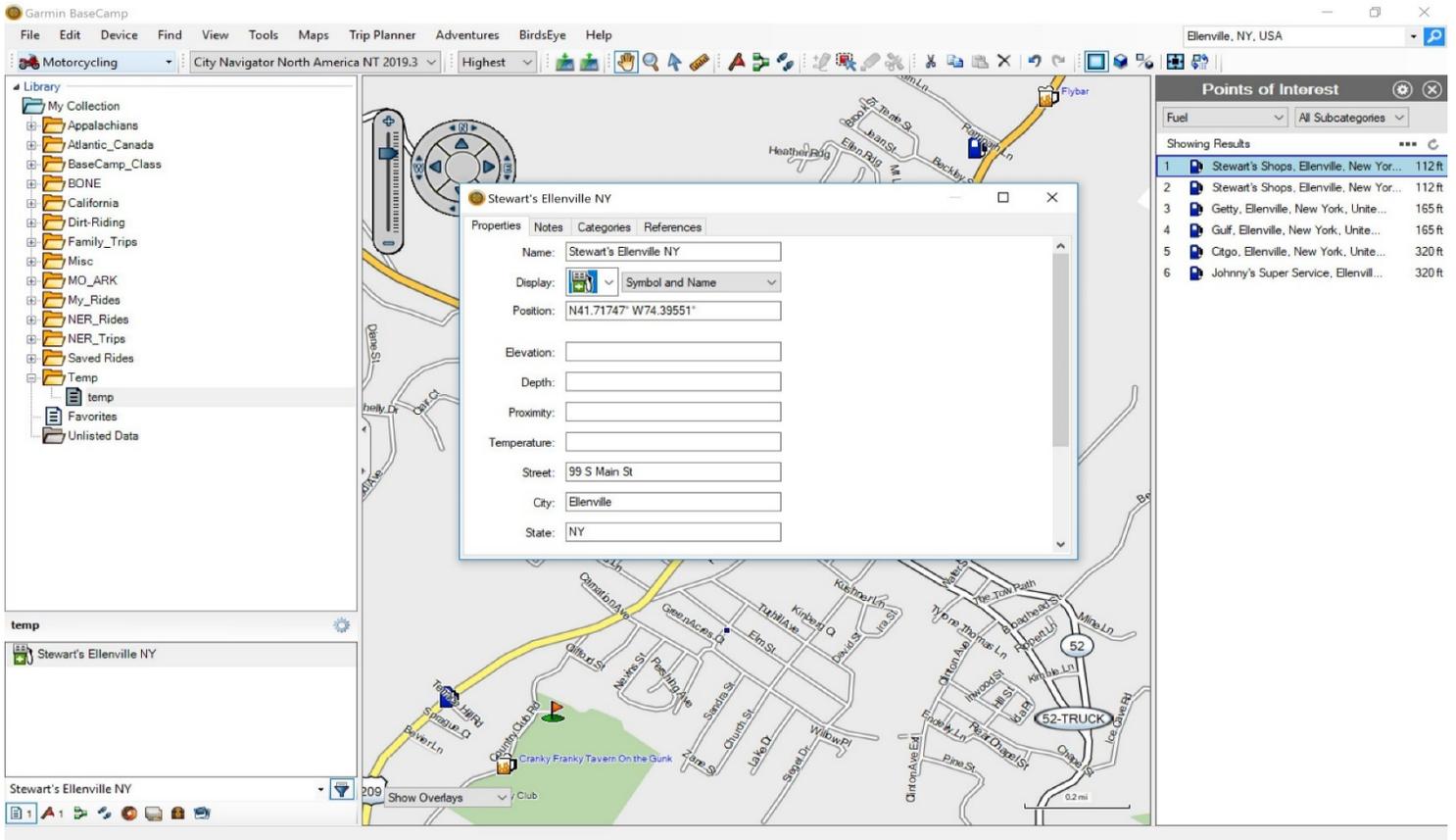


Figure 6: Rename to Stewart's Ellenville NY and change icon

Let us look at the map for good riding (Figure 7). I see the huge green expanse of Catskills Park with lakes/reservoirs, rivers, curvy roads, few cross roads, and few towns.

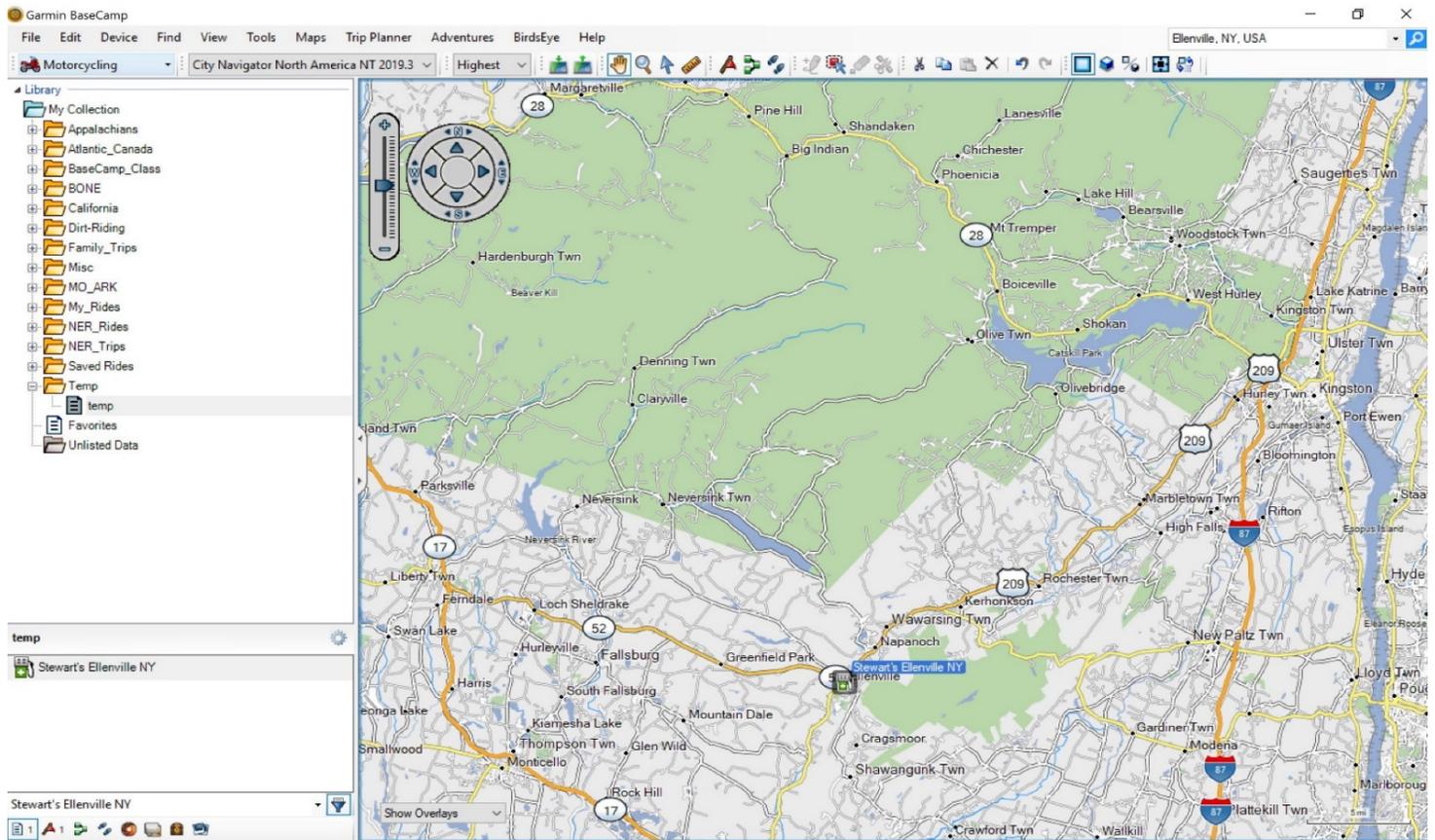


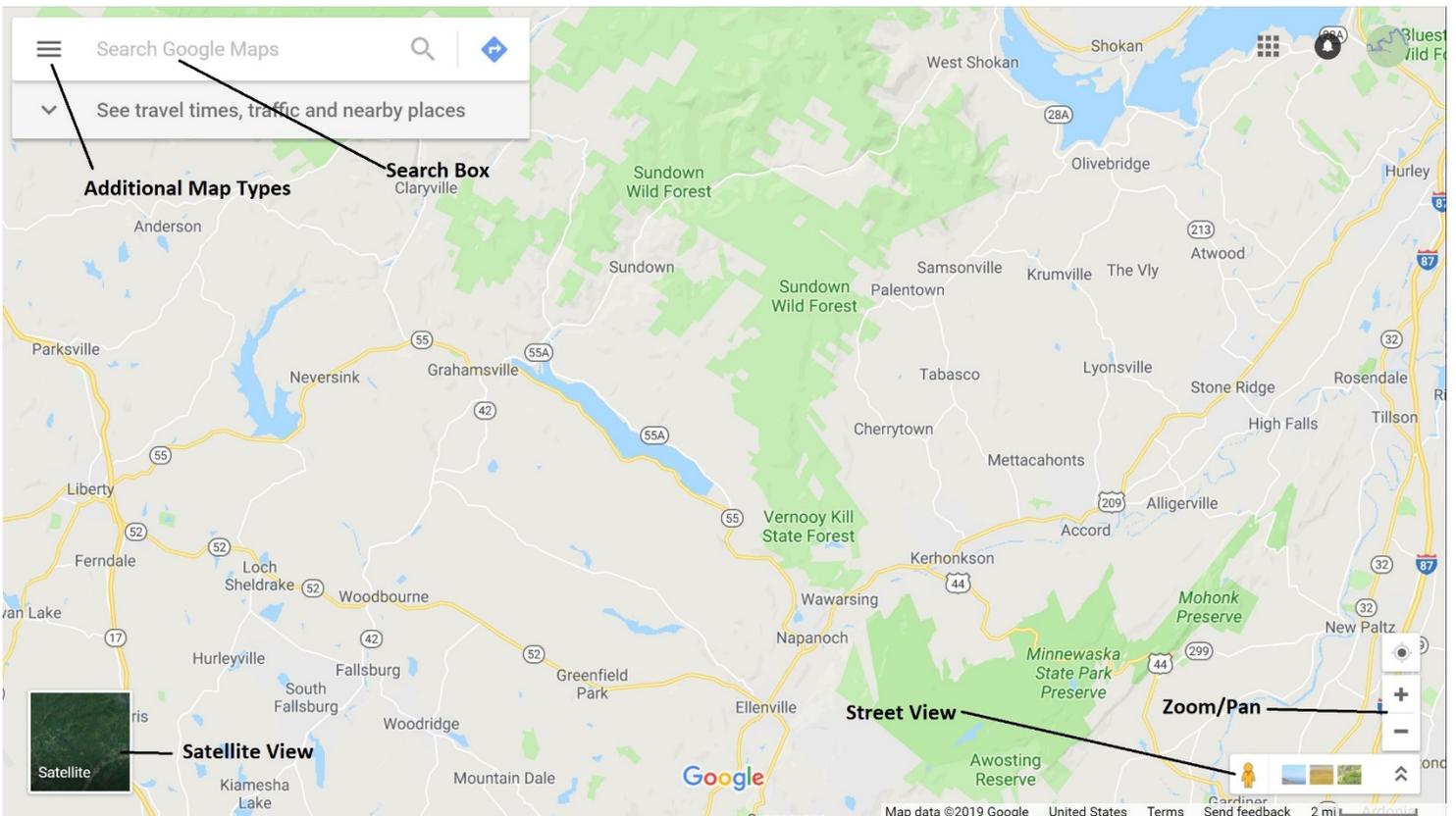
Figure 7: Survey Surroundings

Let us look at a Google Terrain Map to see the topography of our ride. To do this, open Google maps and search Ellenville, NY for a map of our riding region. Move the map so that you can see Catskills Park.

Notice these features of Google Maps (Figure 8):

- The 3 horizontal lines giving access to different map types.
- The search box
- The controls to zoom and pan the map
- The Street View icon

We will use all of these features.



**Figure 8: Google Map**

Click on the 3 horizontal lines icon for additional maps (Figure 8).

Select Terrain (Figure 9) for a terrain map of the region (Figure 10).

Zooming in (Figure 11), I see plenty of elevation changes. This looks like a perfect region for a great ride.

Close Google Maps.

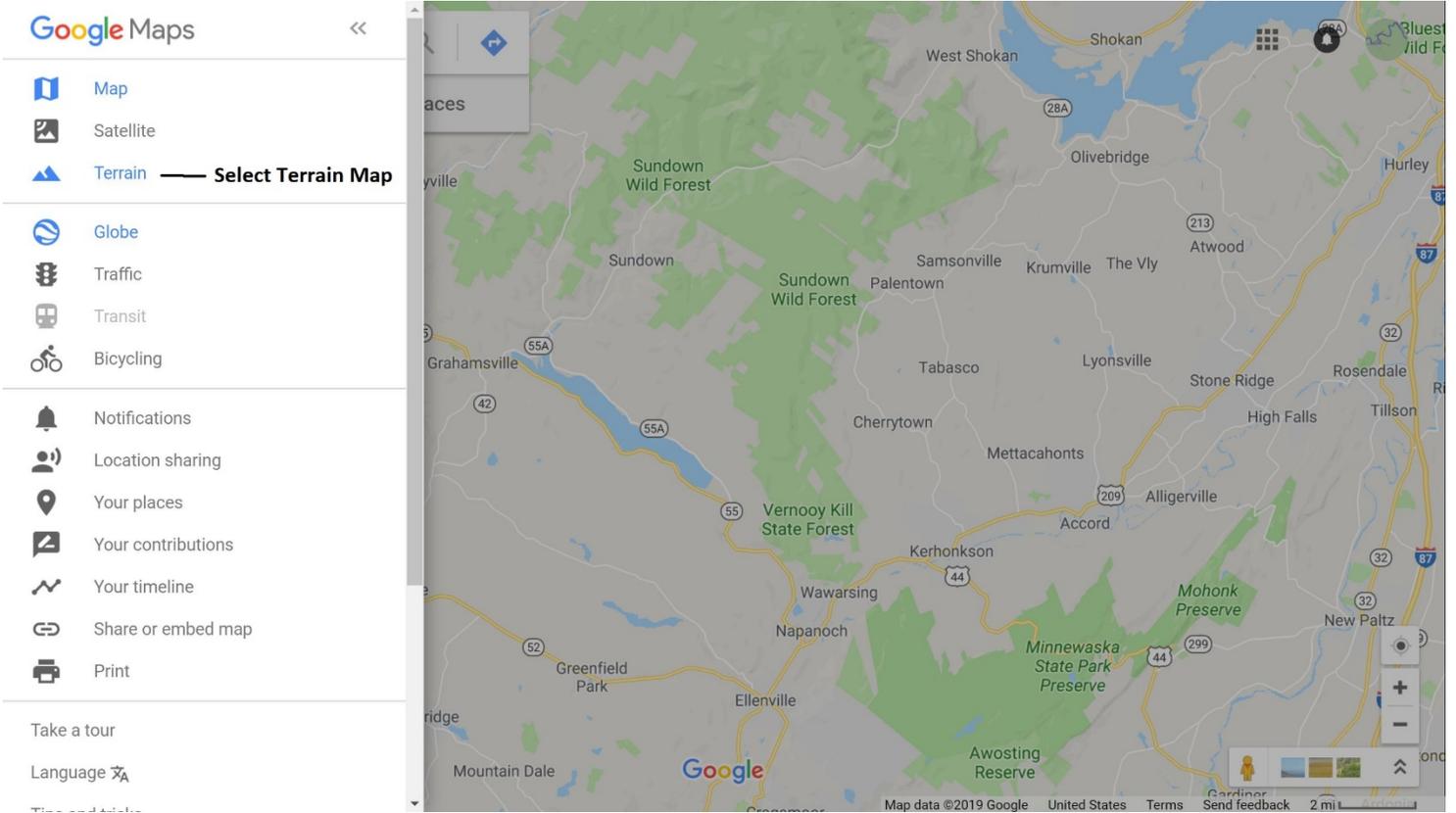


Figure 9: Terrain Map Option

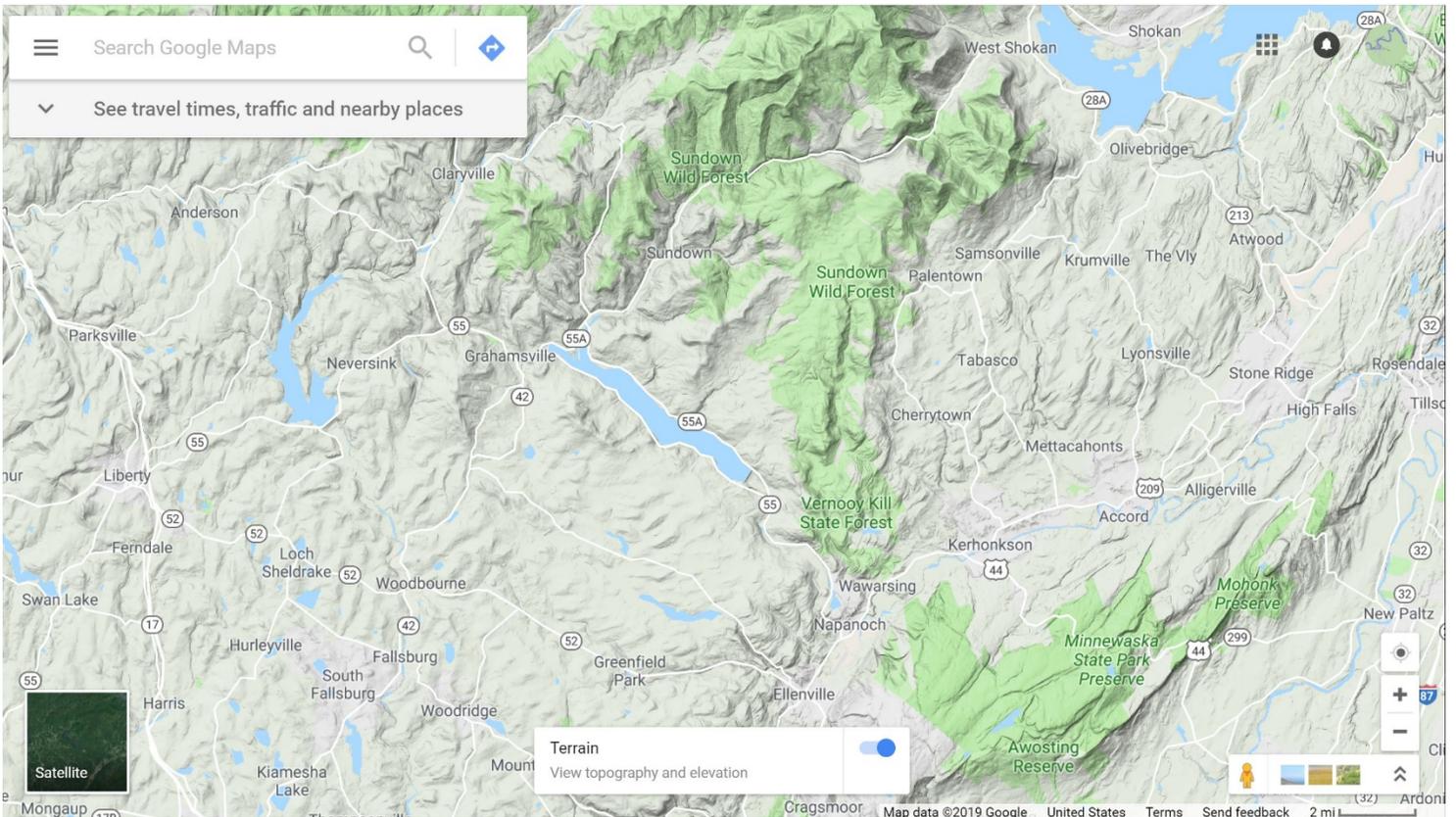


Figure 10: Terrain Map

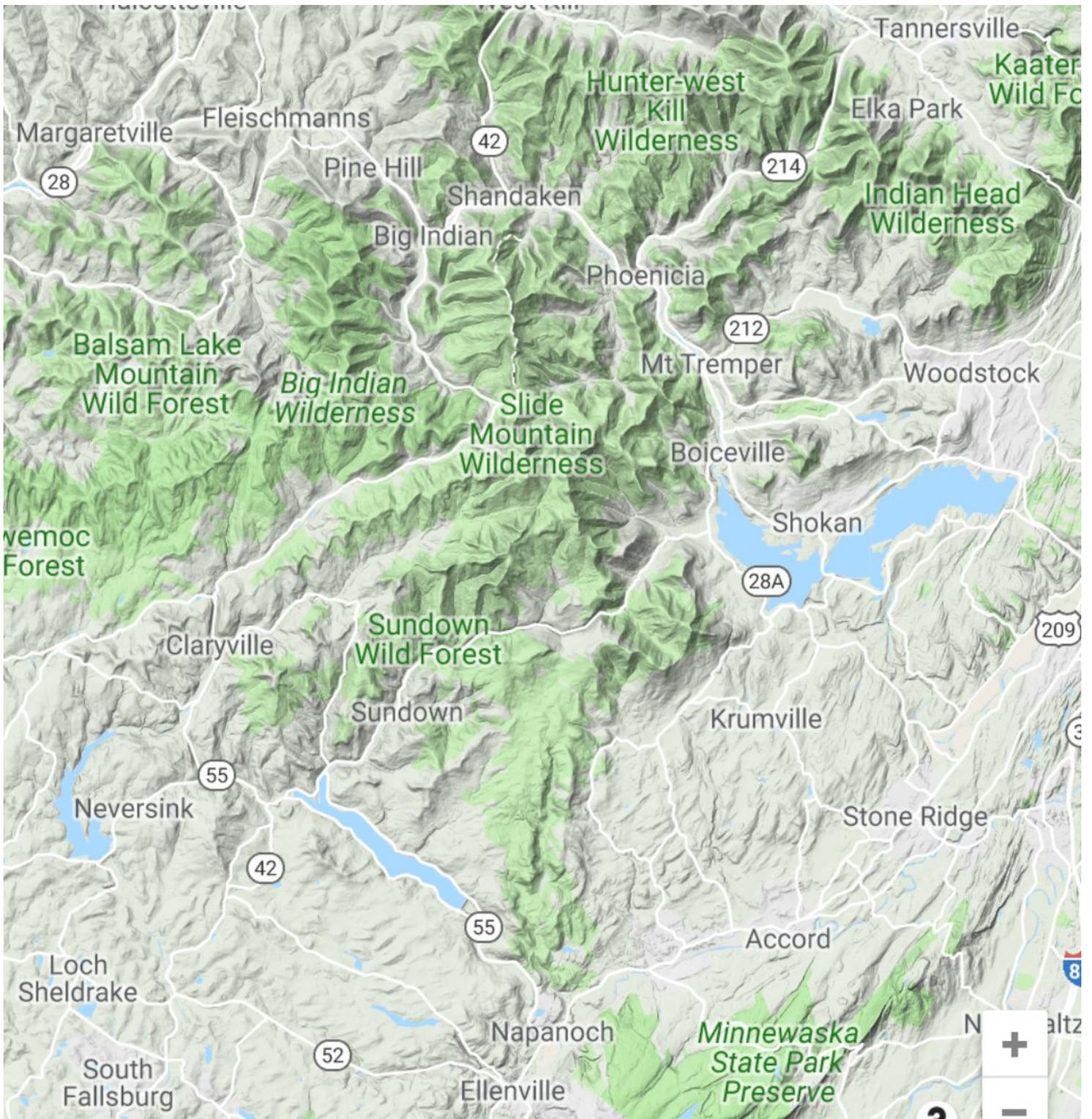


Figure 11: Terrain Zoomed View

Let us go back to BaseCamp and look for specific roads to ride in the southern half of the Park (Figure 12):

- NY Route 55 along the Rondout Reservoir and Frost Valley Road along the West Branch Neversink River look like good roads for the ride north into the Catskills.
- NY Route 28A along the south shore of the Ashokan Reservoir, Peekamoose Rd along Rondout Creek, and NY Route 55A along the Rondout Reservoir look like great roads for the ride back south.

Looking at the northern section of the Park (Figure 13):

- NY Route 214 along Stony Clove Creek and NY Route 23A along Schoharie Creek look great northbound.
- Platte Clove Rd along Plattekill Creek, W Saugerties Rd along the eastern park boundary, Glasco Turnpike to Woodstock, and Ohayo Mountain Rd to the Ashokan Reservoir all look awesome for the ride south.

Do you notice how these roads follow rivers carving through the mountains? I have found that this type of road is almost always a great ride.

Let us create a killer route using these roads.

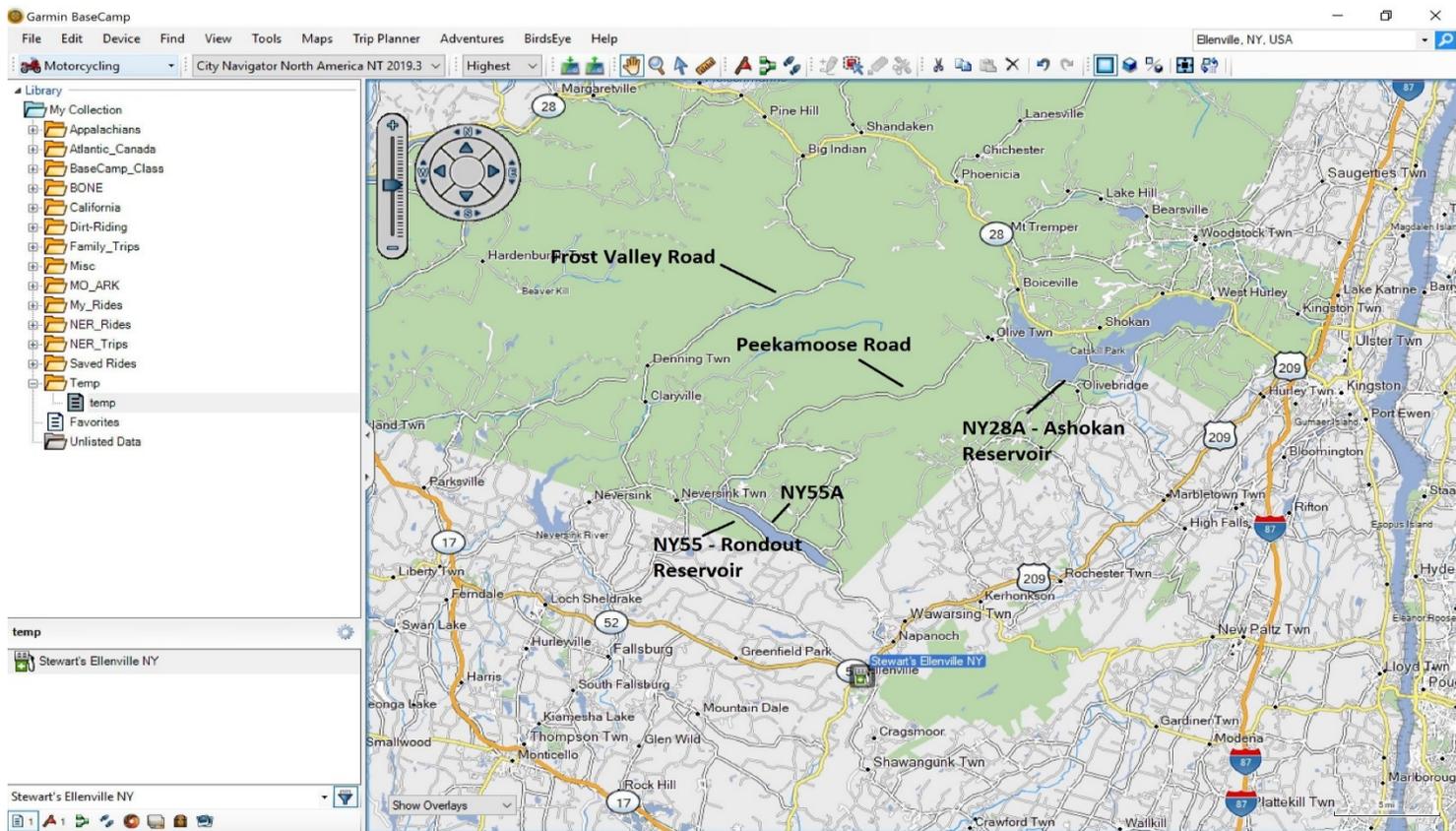


Figure 12: Southern Choices

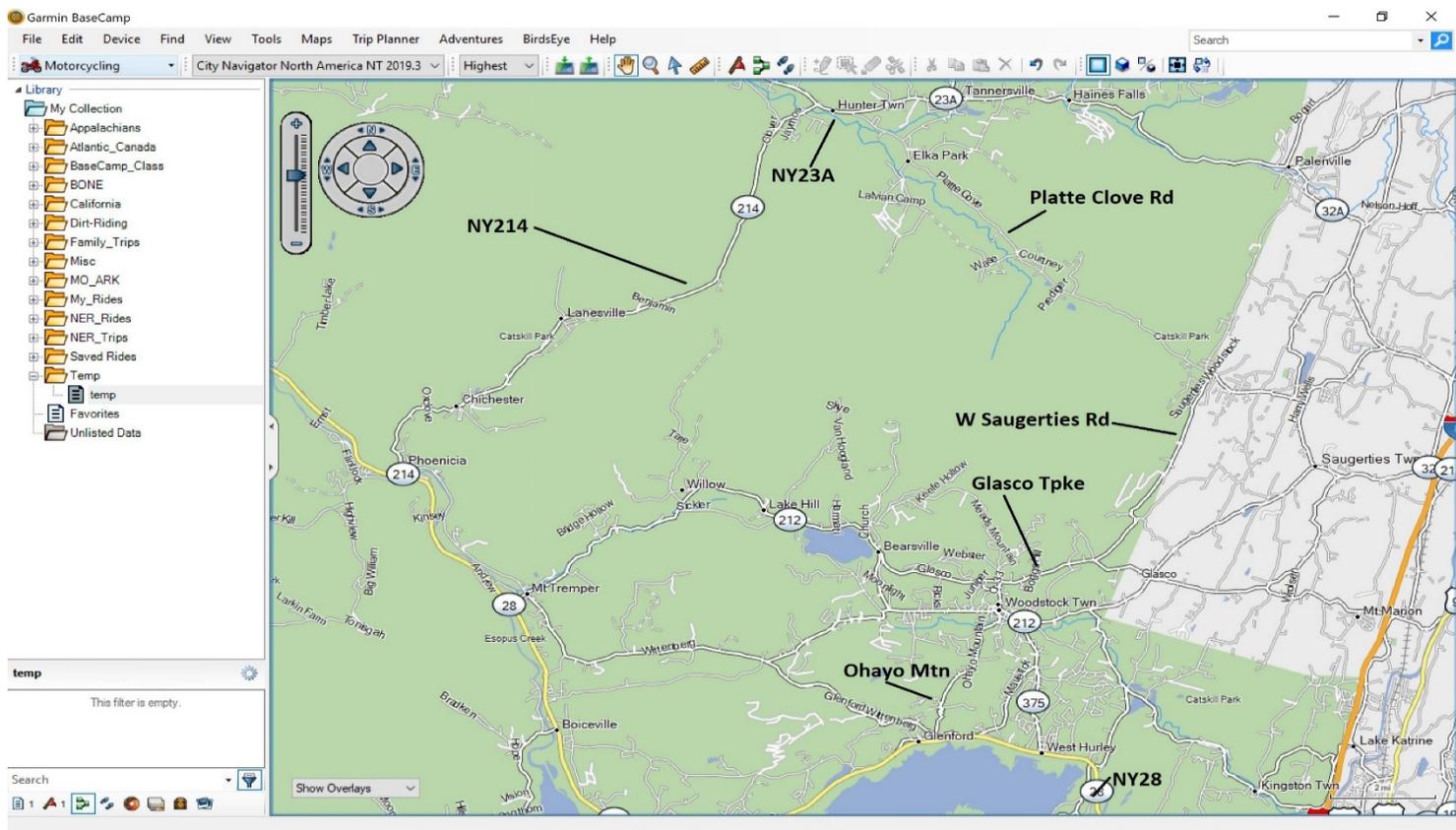


Figure 13: Northern Choices

Before we begin, let us check Frost Valley Rd/Oliverea Rd to make sure that is paved and a good ride. Click on a spot on Oliverea Rd to get a popup address window (Figure 14). In this case, the address is 1799 Oliverea Rd. (Alternatively, move the spot on Oliverea Rd to the center of the BaseCamp map. Go to the BaseCamp menu, select Find, and then select Locate Coordinates to get the GPS coordinates of the spot).

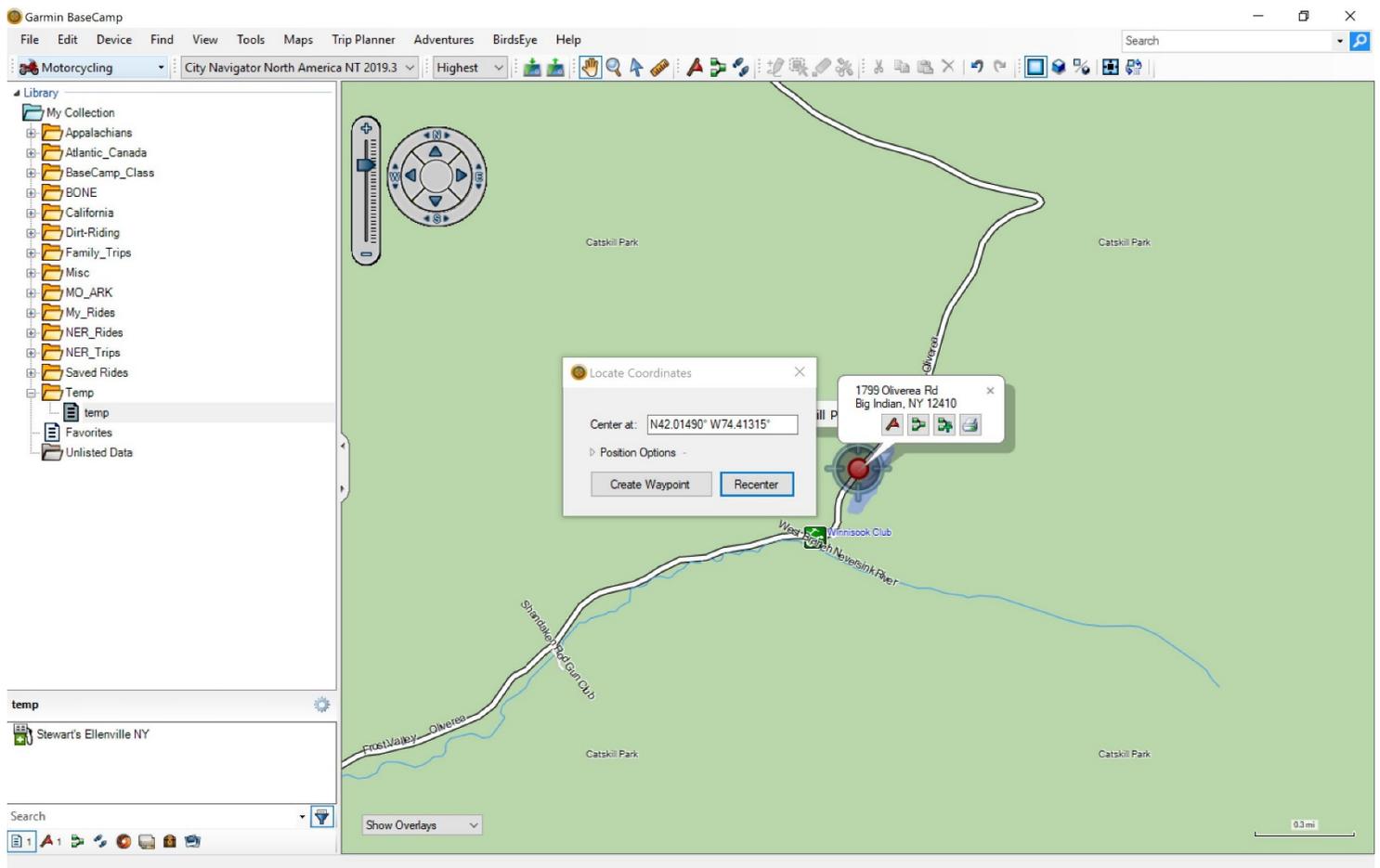


Figure 14: Oliverea Rd/Frost Valley Rd

Open Google Maps and paste the address (or the GPS coordinates) into the search window and then select the magnifying glass icon (or press the Enter key). Google Maps will display that spot on the map (Figure 15).

Move the cursor to the gold-colored person icon in the lower right corner of the Google Map. Press and hold the left mouse button and drag the icon to 1799 Oliverea Rd on the map to enter Street Mode (Figure 16). Oliverea Rd is paved and looks fantastic. That will do! You can click ahead on the road to move along it so you can simulate riding it. This is a great way to preview a road. Close Google Maps.

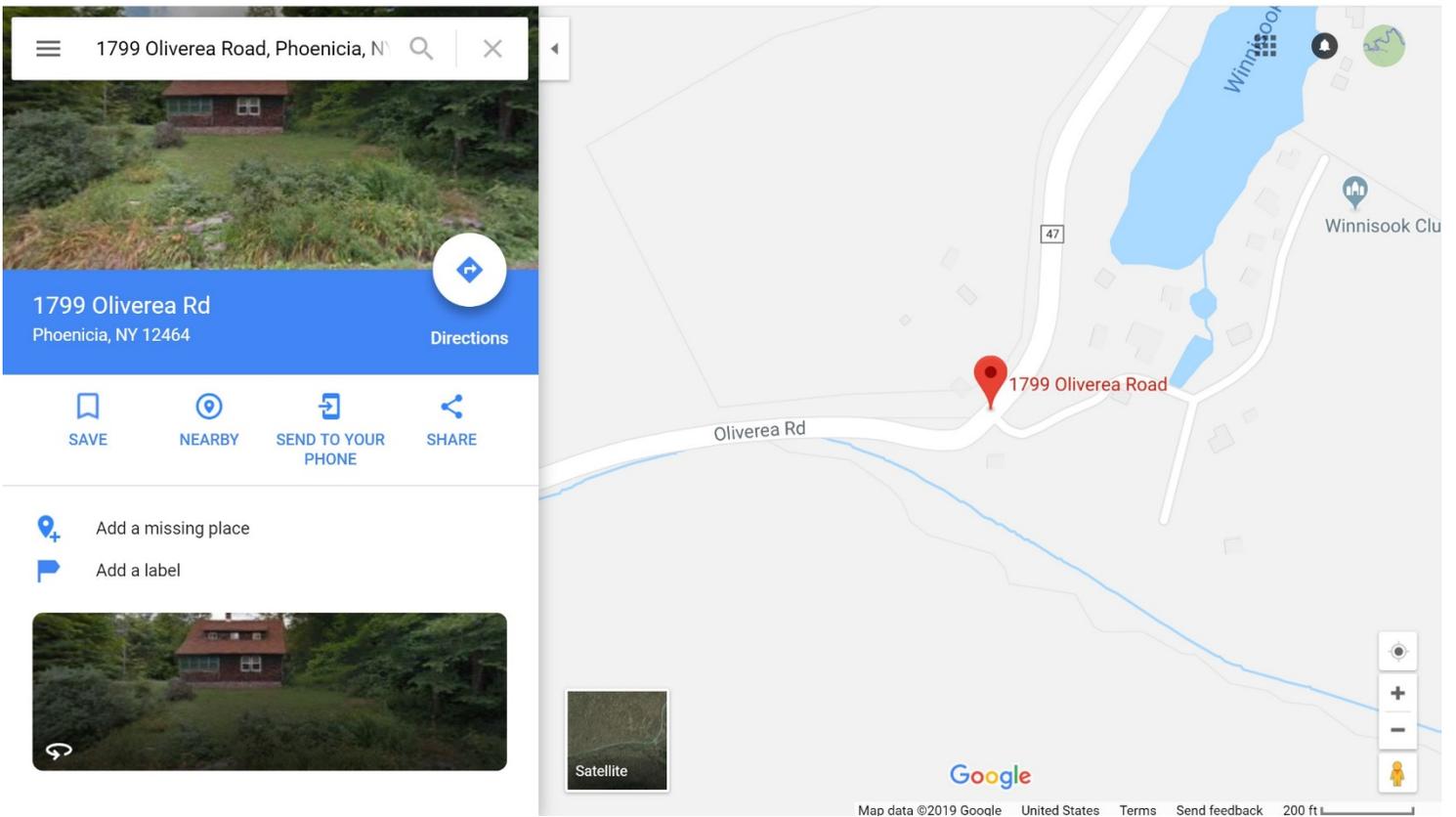


Figure 15: 1799 Oliverea Rd

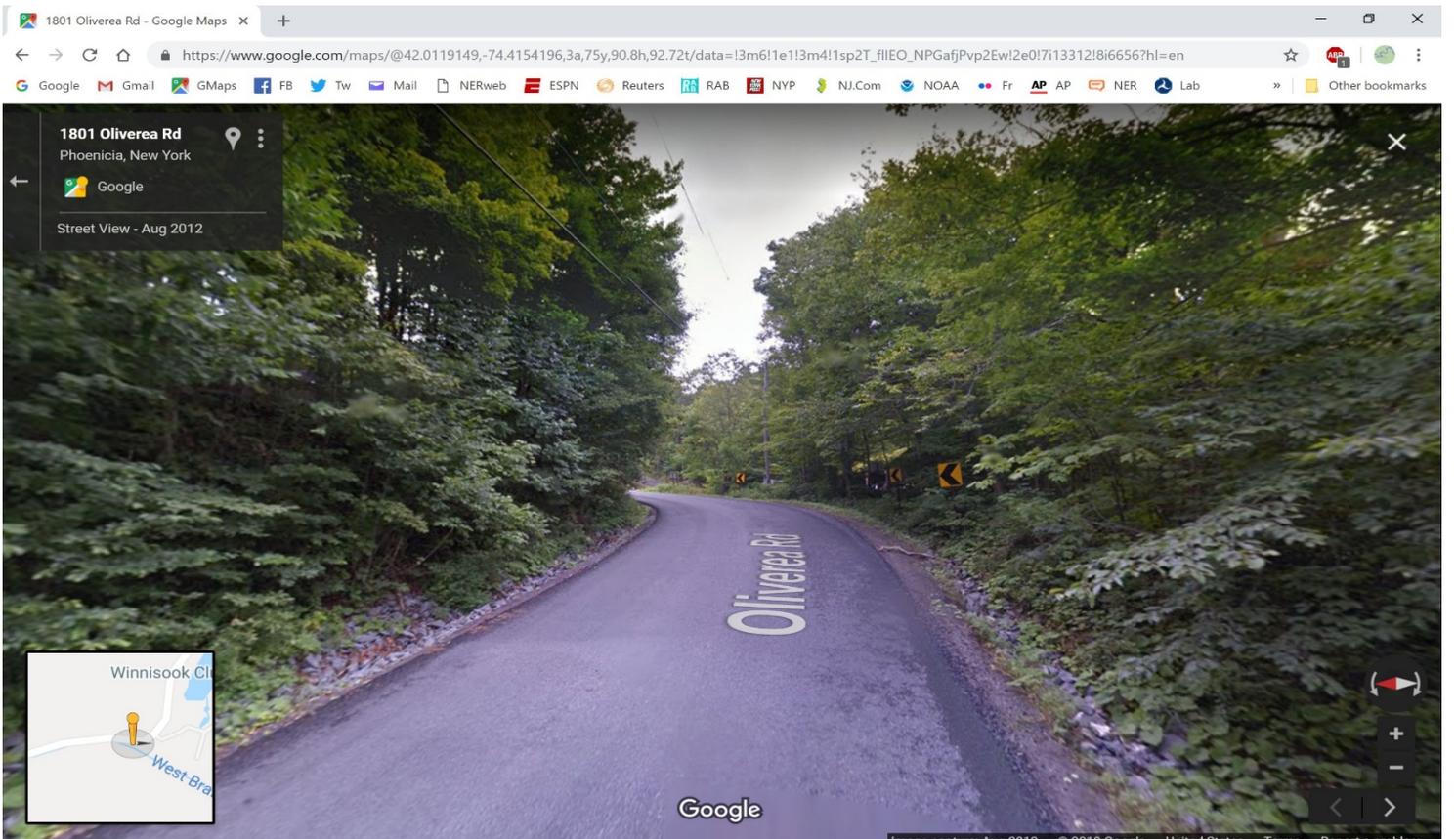


Figure 16: Street View

Before we begin routing through Catskills Park, look at Ulster Heights Rd and Irish Cape Rd (Figure 17).

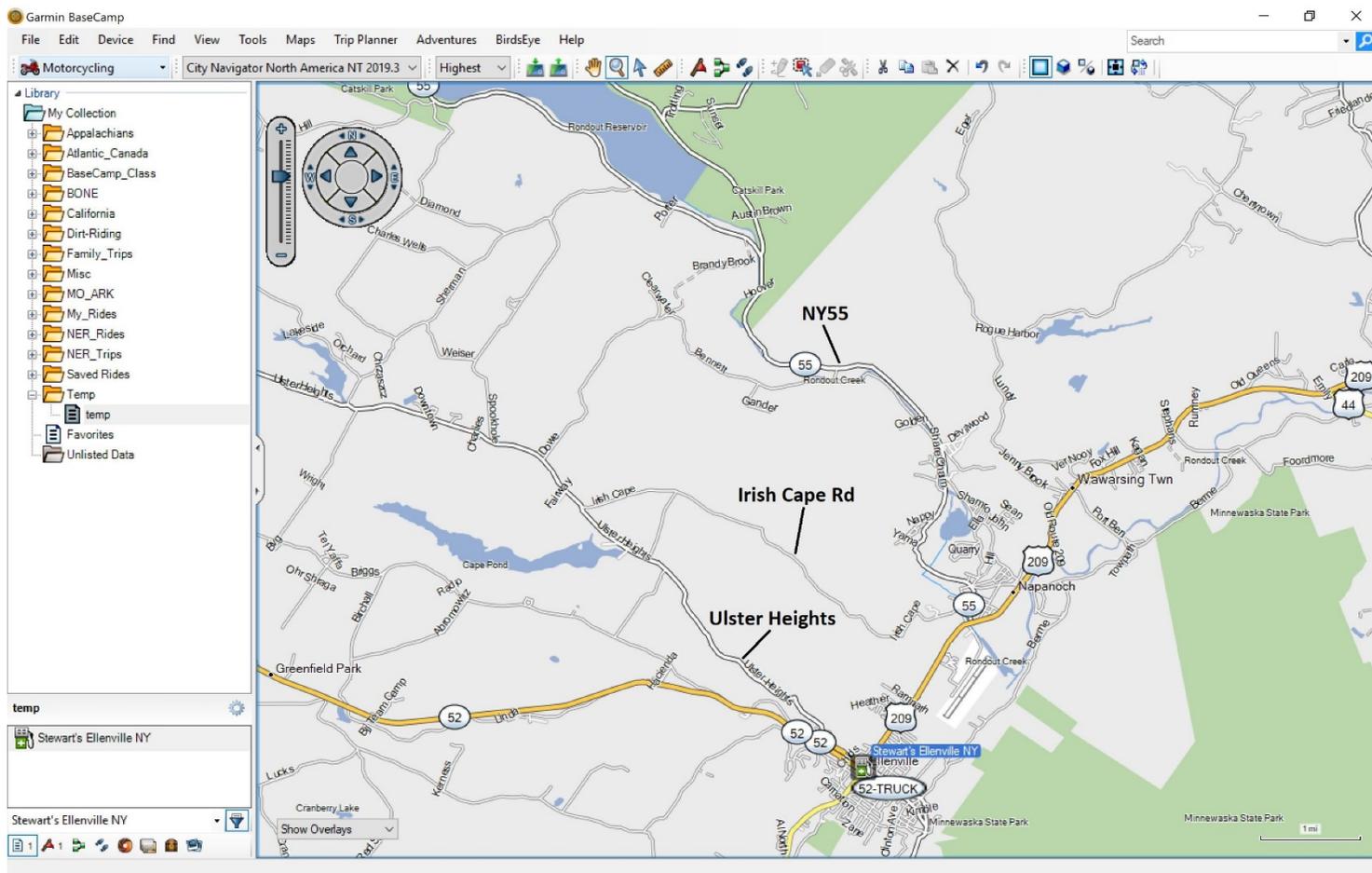


Figure 17: Ulster Heights and Irish Cape Roads

Ulster Heights Rd curves and climbs along the deep ravine created by Beer Kill (Figure 18). Irish Cape Rd twists and dives along the ravine made by Fantine Kill. It would be a shame to miss these great roads. 😊

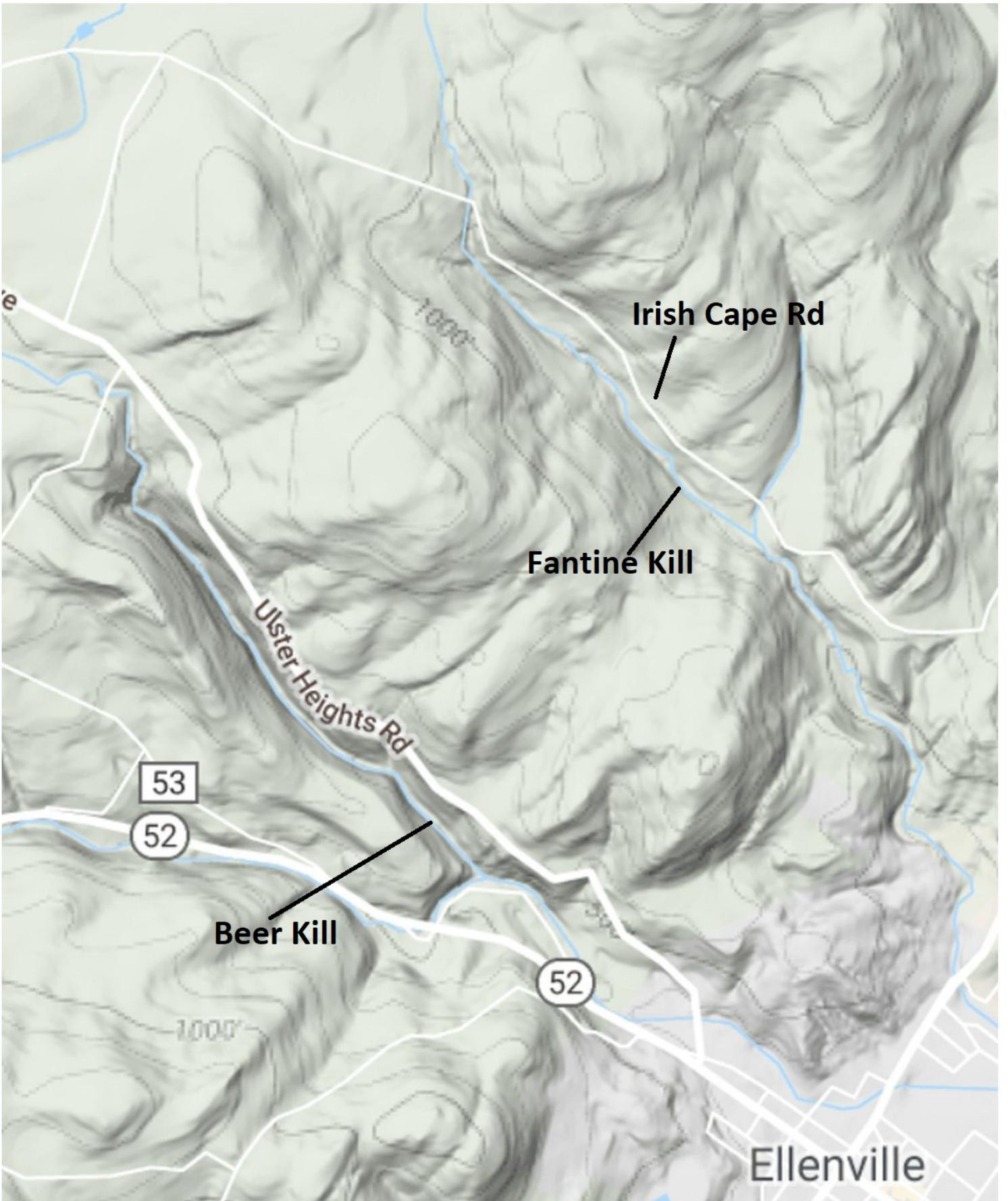


Figure 18: Terrain of Ulster Heights Rd and Irish Cape Rd

Begin the route at Stewart's Ellenville NY. Select the Route tool  - your cursor should change to a pencil. Move your cursor to the Stewart's Ellenville NY waypoint on your map until you see the Stewart's Ellenville NY waypoint flag. Press your left mouse button - you should now have a snap line connecting the cursor and the Stewart's Ellenville NY waypoint. Move your cursor along Ulster Heights Rd until just before Marcus Rd (Figure 19). Click the left mouse button to draw the route to this point.

The route will turn right on Katzman Rd and then right again on Irish Cape Rd. To do this, move the cursor down Irish Cape Rd toward Ellenville (Figure 20). Click the left mouse button to draw the route to this point.

Try to zoom in so each point is placed on the road. Try for an actual address rather than a roadside attraction or an intersection.

*\*Note – You are encouraged to add more points than is shown in this Agenda. You must use enough points to ensure that the route goes where you want. If you make a mistake, select Edit and then Undo from the BaseCamp Menu.\**

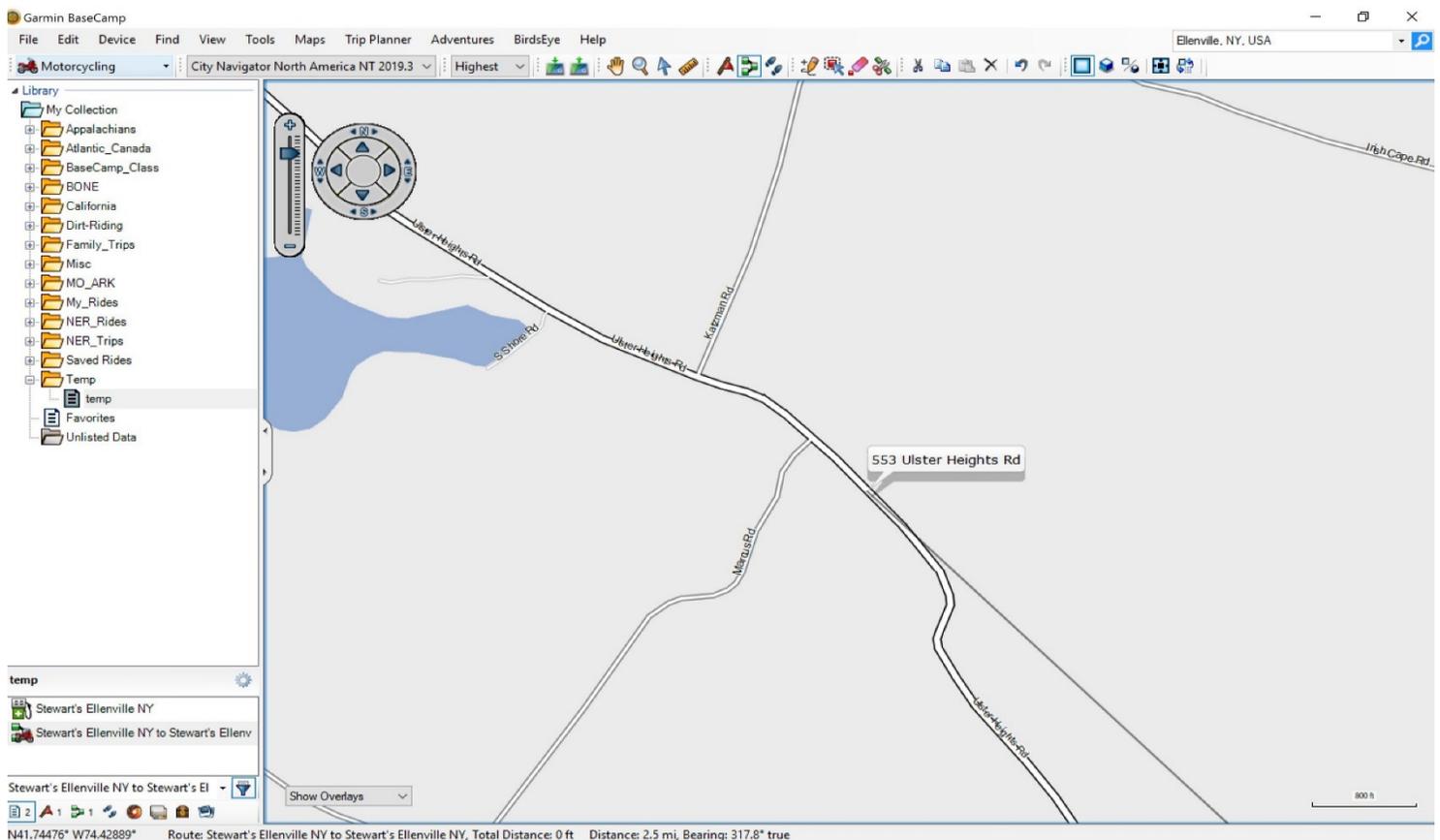


Figure 19: Ulster Heights Rd

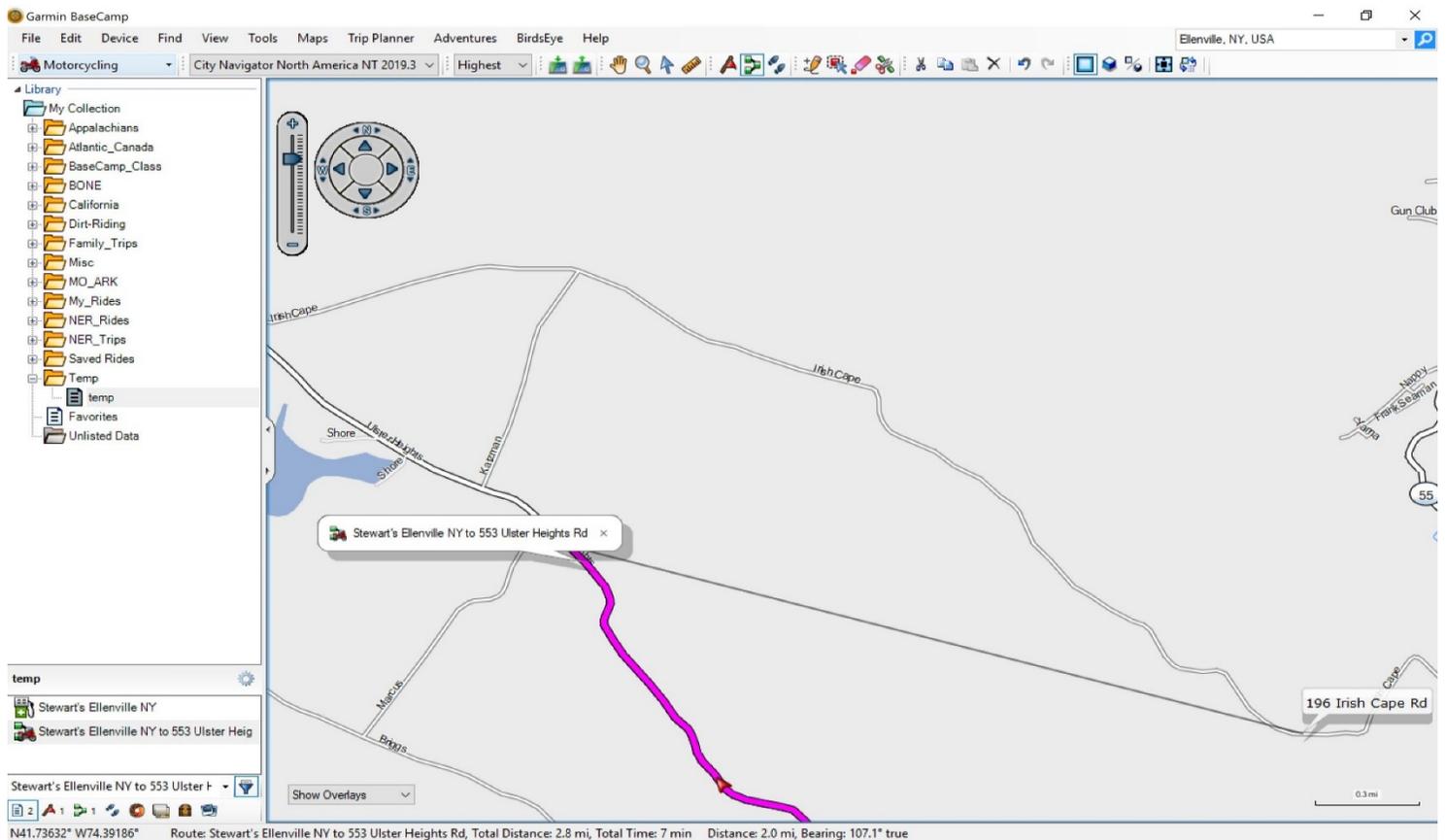
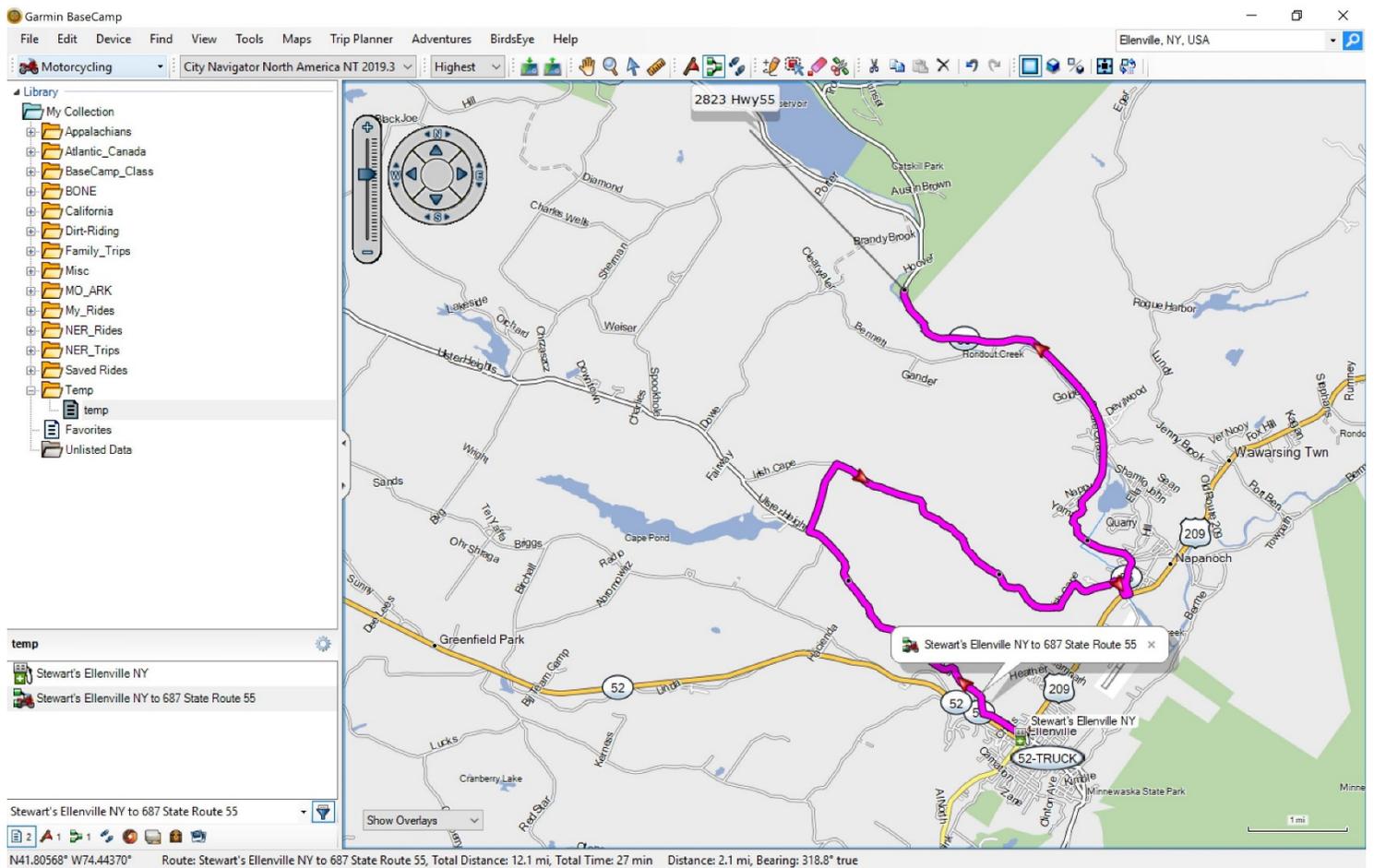


Figure 20: Next is Irish Cape Rd

Move your cursor north and west on NY Route 55. Click the left mouse button to place a route point just before the Rondout Reservoir (Figure 21).

*[Notice those roads with dashed lines in Figure 21? That is how BaseCamp displays unpaved roads. BaseCamp is not 100% accurate, but is usually right. Check with Google Street View or Google Satellite View to confirm].*



**Figure 21: Route up until NY Route 55**

Continue drawing the route on Route 55 along the south shore of the Rondout Reservoir (Figure 22).

Keep moving west on NY Route 55 and then start north on Claryville Rd. Place a route point on Claryville Rd (Figure 23).

Turn left onto CR-47 and cross the Neversink River. This road's name changes from W Branch Rd to Frost Valley Rd to Oliverea Rd as it goes north. This road was chosen because it follows the curves of the West Branch Neversink River while surrounded by steep mountains (Figure 24). This road has it all.

Place a route point on CR-47 (Figure 25).

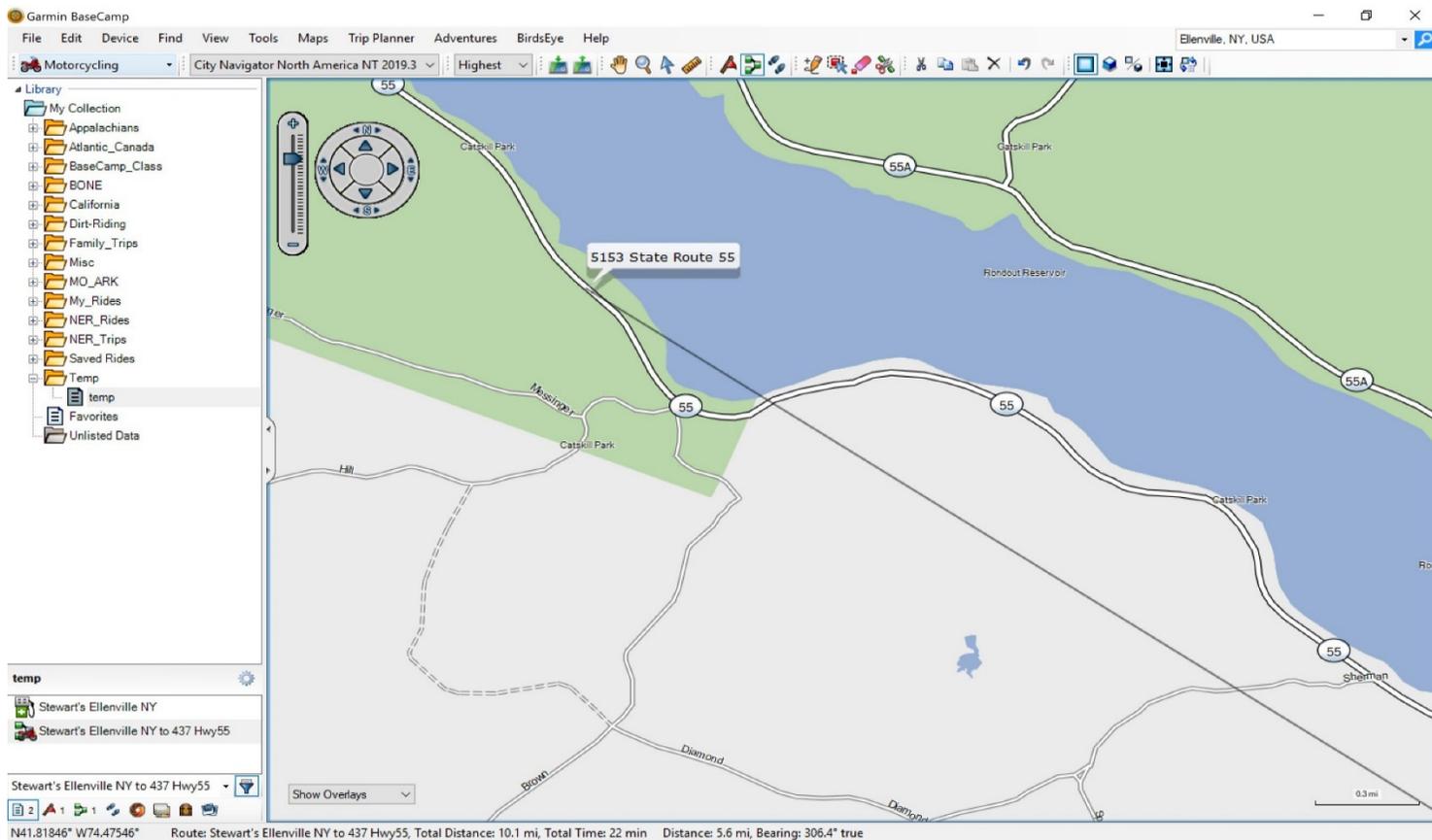


Figure 22: NY 55 - Rondout Reservoir

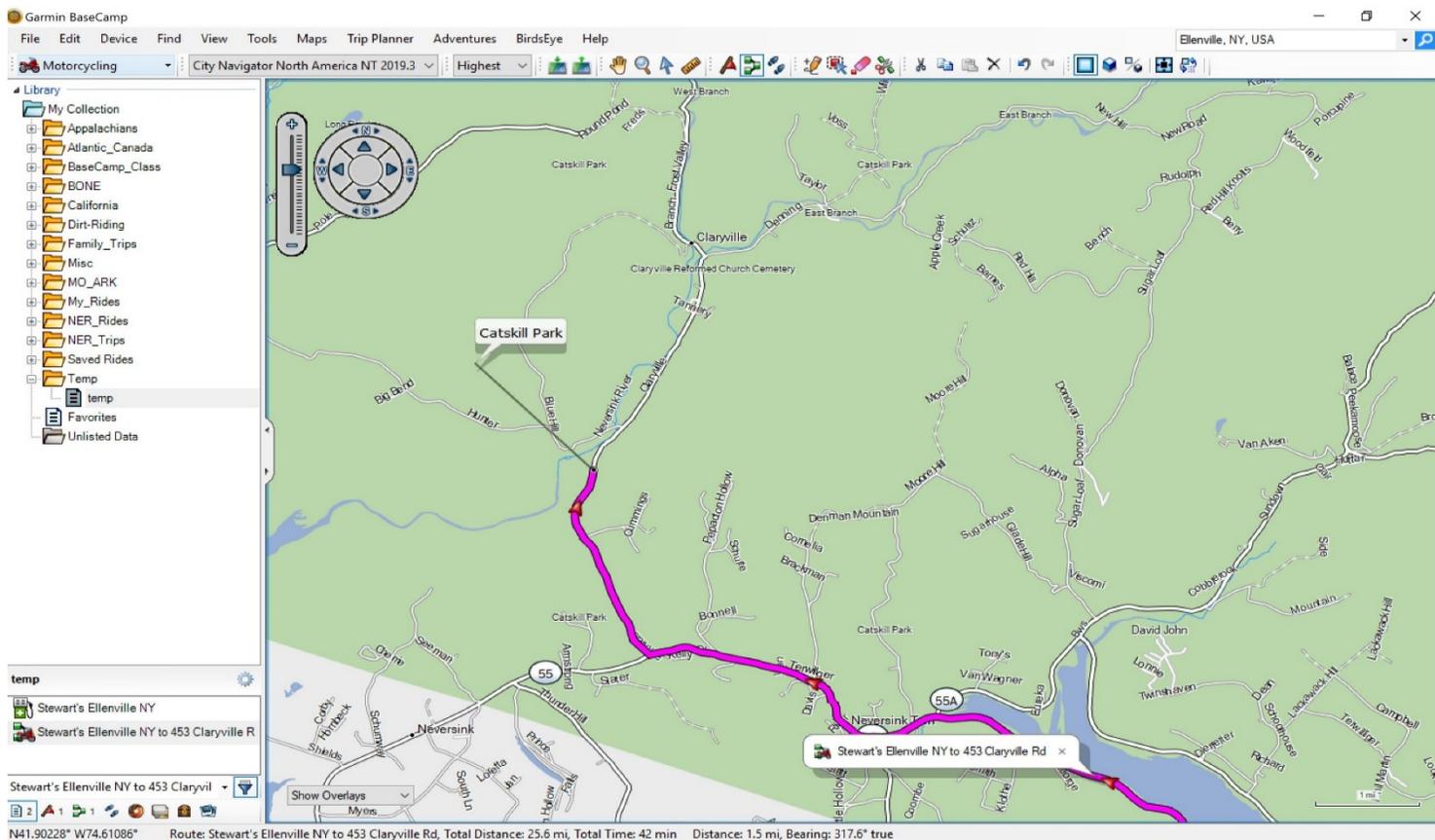


Figure 23: Claryville Rd



Figure 24: CR-47 Terrain View

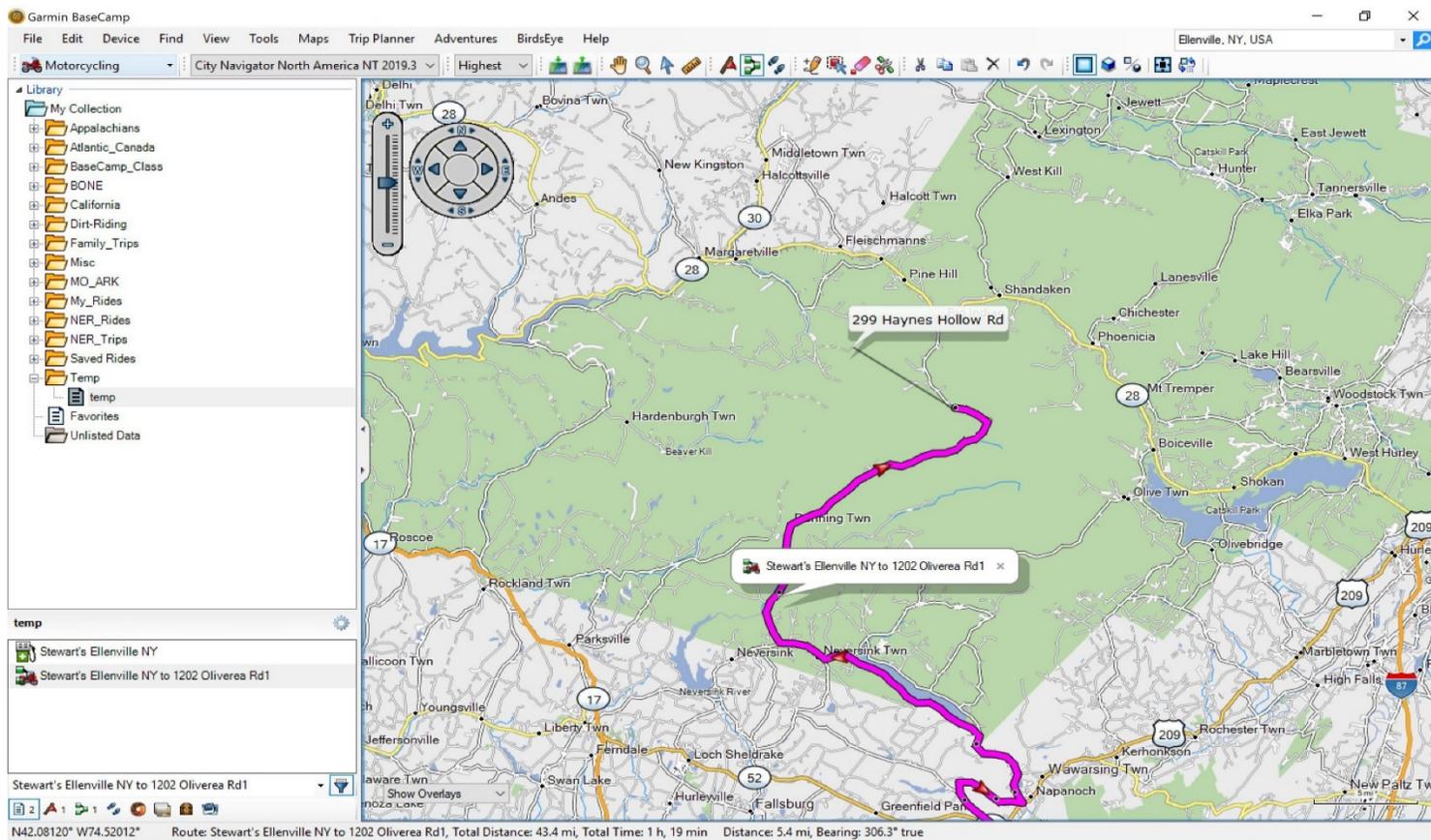


Figure 25: Frost Valley Rd/Oliverea Rd

Continue north on CR-47 almost to NY Route 28 in Big Indian.

Lasher Rd (left of CR-47 and near NY 28) looks interesting. I always like to check out interesting little roads on Google Maps Street View to see if they are worth adding to the route. Lasher Rd looks paved and has an interesting little cut through a stone wall (Figure 26).

Add a route point on Lasher Rd (Figure 27).



Figure 26: Lasher Rd

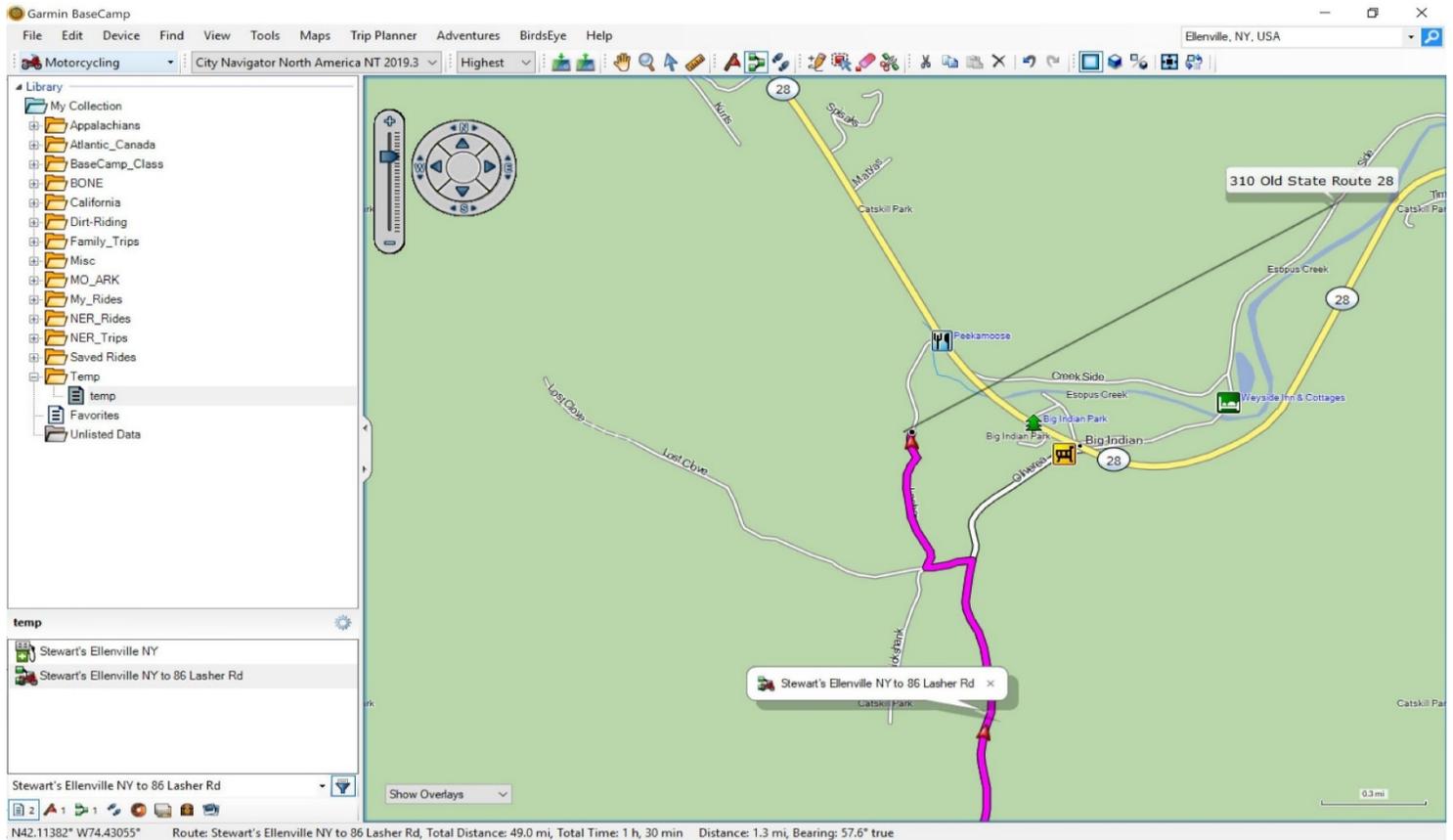


Figure 27: Lasher Rd/Old Route 28

Next, we need to turn right and travel east toward the town of Phoenicia. We could take the main road (NY Route 28) or we can check out little twisty Creek Side Dr that runs along Esophus Creek (Figure 27).

Looking at Creek Side Dr on Google Street View (Figure 28) makes the decision easy. Nice curves, good pavement, river views? Yes please!

Add points along Creek Side Dr (Figure 29) to NY Route 42. From there the route goes south (right) on NY 42 and east (left) on NY Route 28 to the town of Phoenicia.



Figure 28: Creek Side Dr

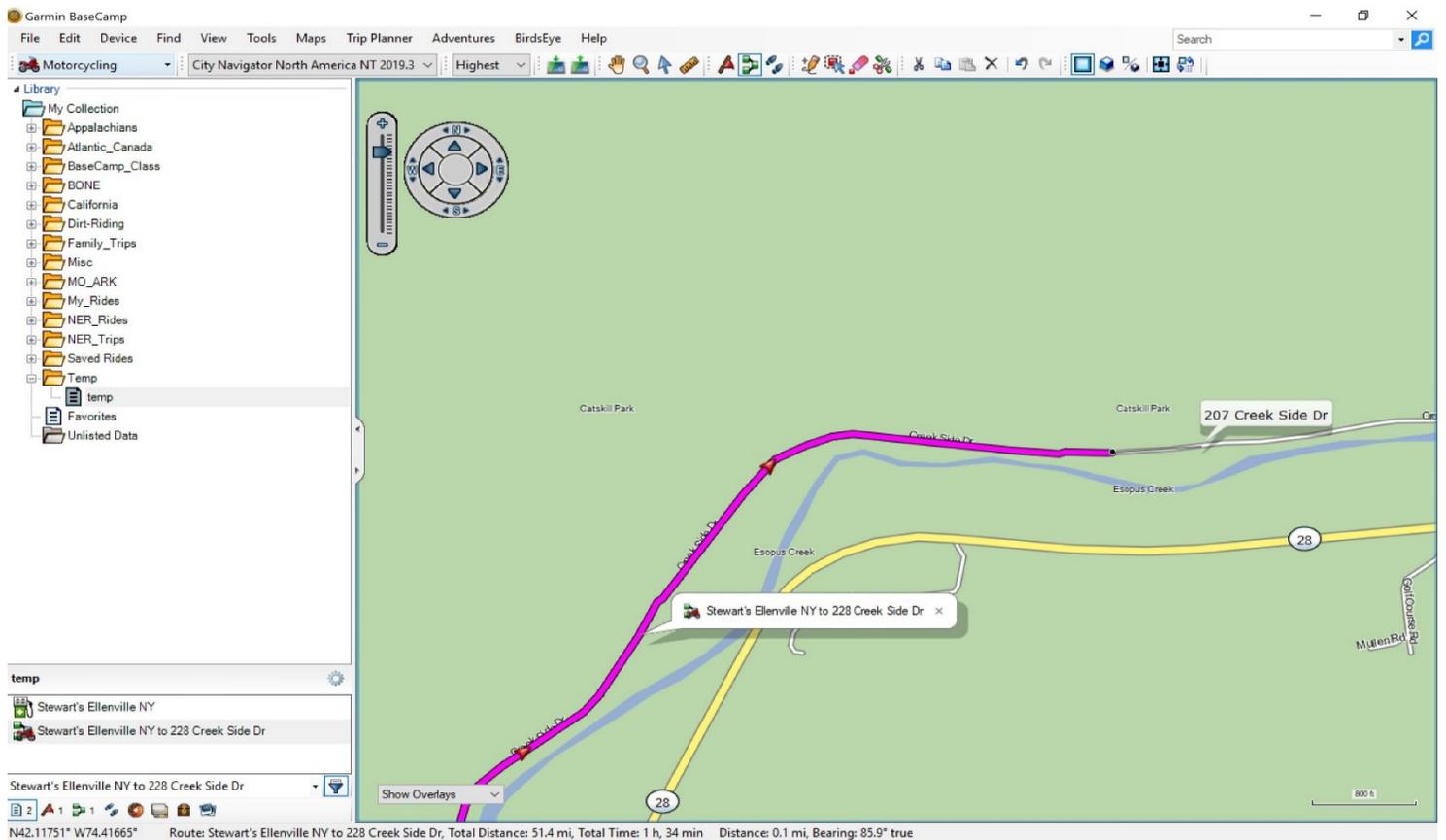


Figure 29: Creek Side Dr

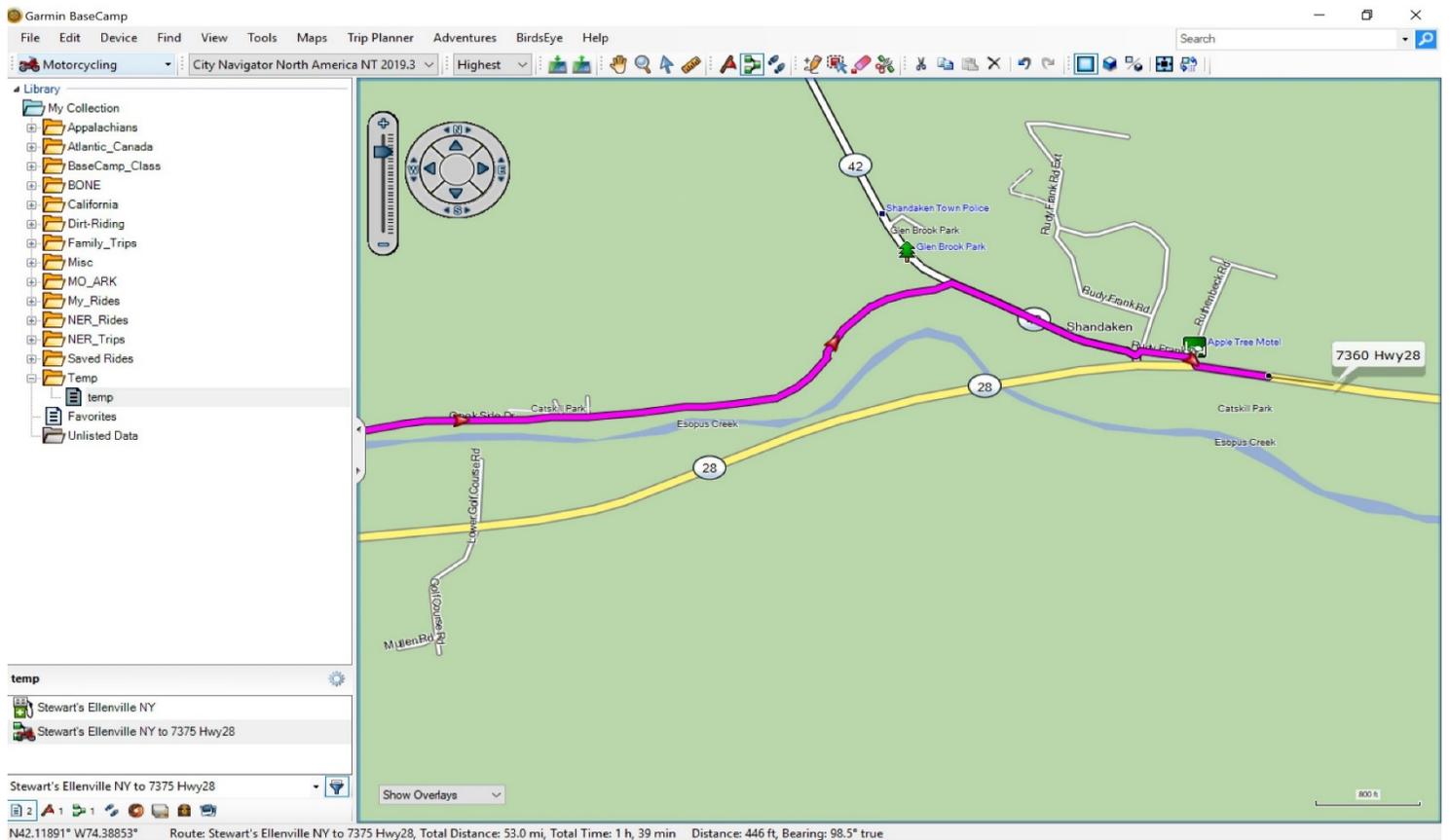
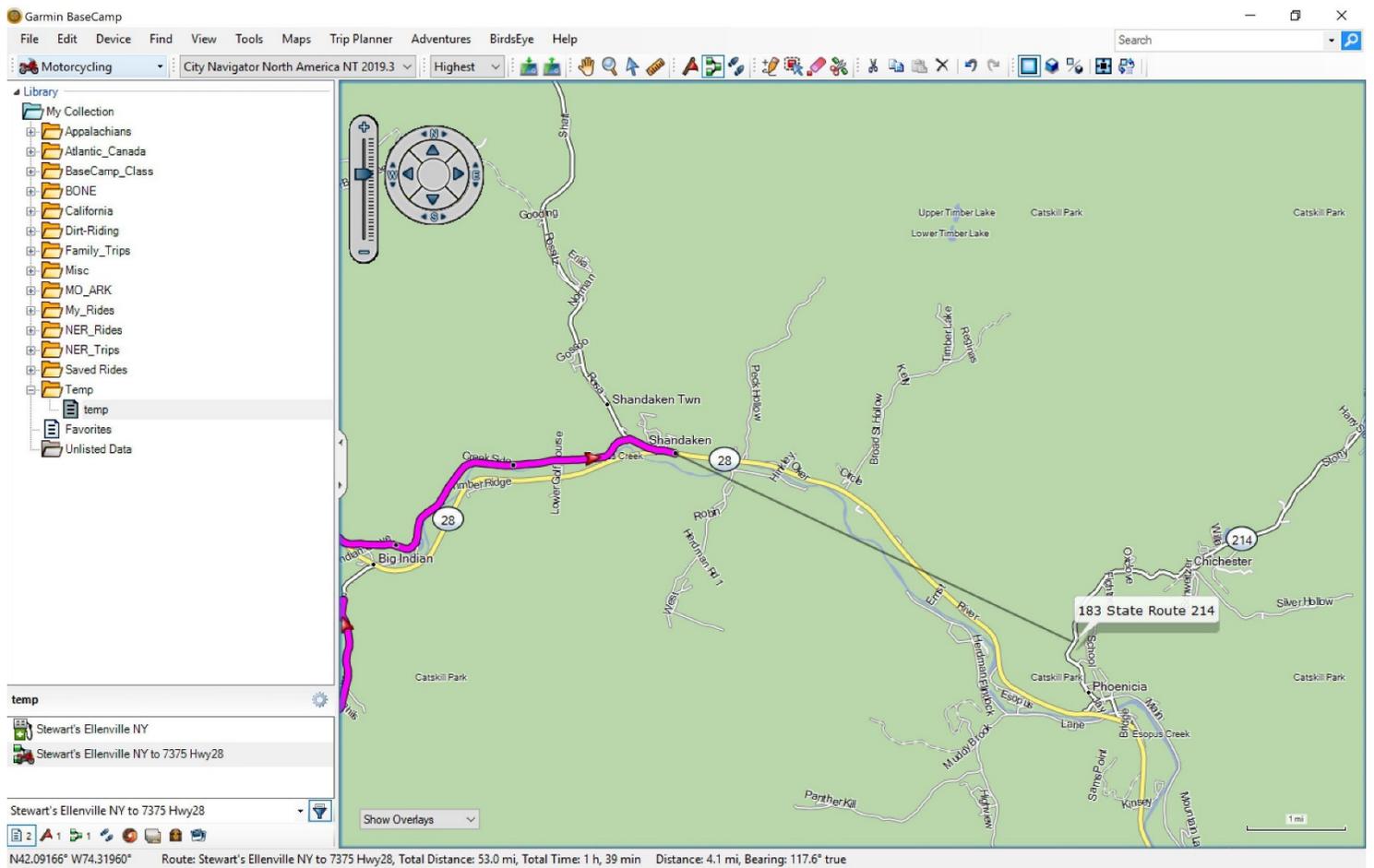
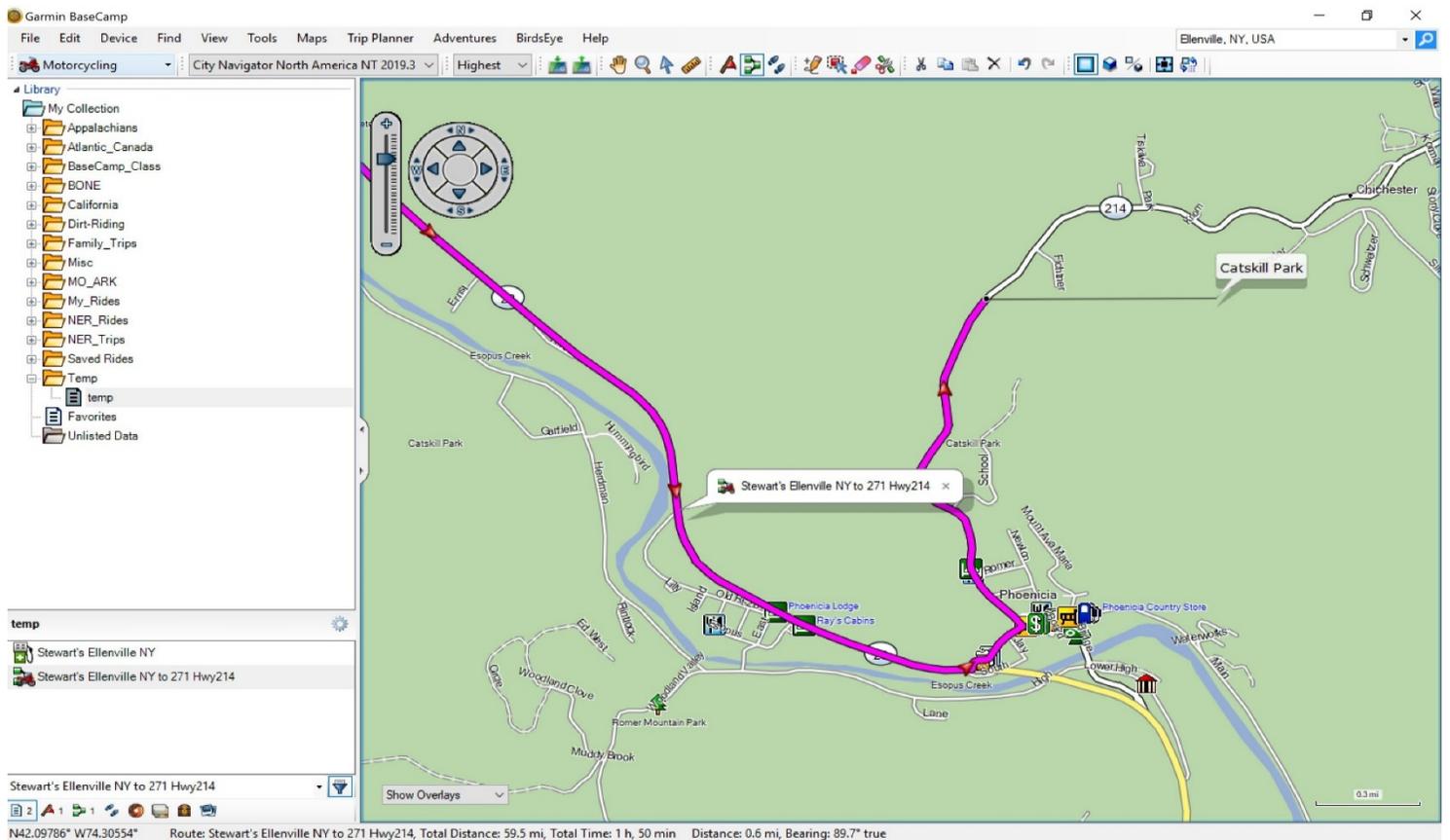


Figure 30: NY Route 28



**Figure 31: Phoenicia**

Turn north (left) on NY Route 214 in Phoenicia (Figure 31). Phoenicia looks like it has food and fuel (Figure 32). It may be a good place for a stop if the timing works. We will figure out our stops after we have completed our route.



**Figure 32: NY Route 214**

Continue drawing the route north on Route 214. Turn east (right) on NY Route 23A (Figure 33) and then right again on Bloomer Rd. Bloomer Rd becomes Platte Clove Rd (Figure 34).

Draw points along Platte Clove Rd and then continue south on W Saugerties Rd (Figure 35). Following W Saugerties Rd allows us to stay within the Park's boundaries and away from crossroads and traffic.

Turn right and route west on Glasco Tpke toward Woodstock (Figure 36). Woodstock looks like a good candidate for our lunch stop (Figure 37). We will check the timing after we are done drawing the route.

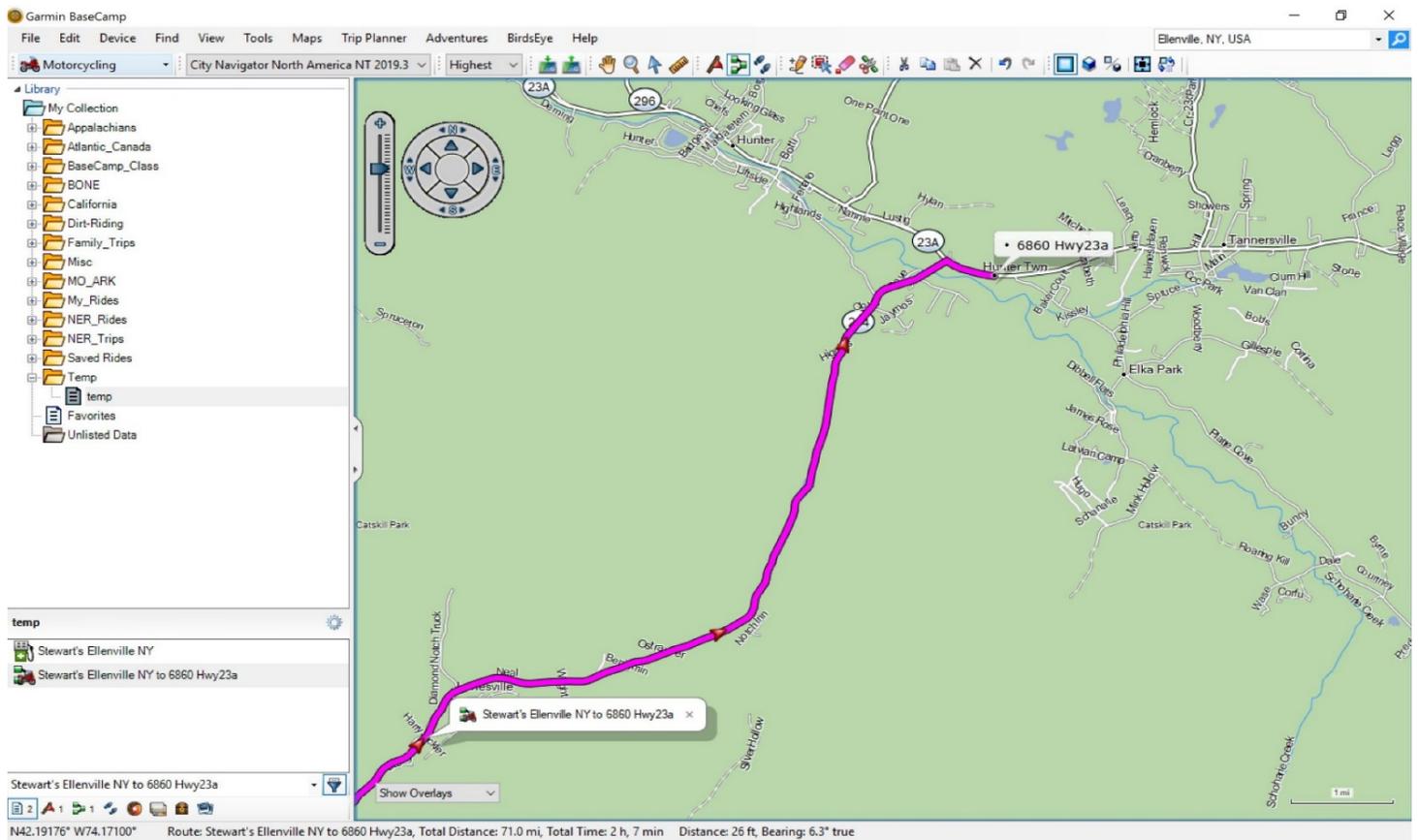


Figure 33: NY Route 23A

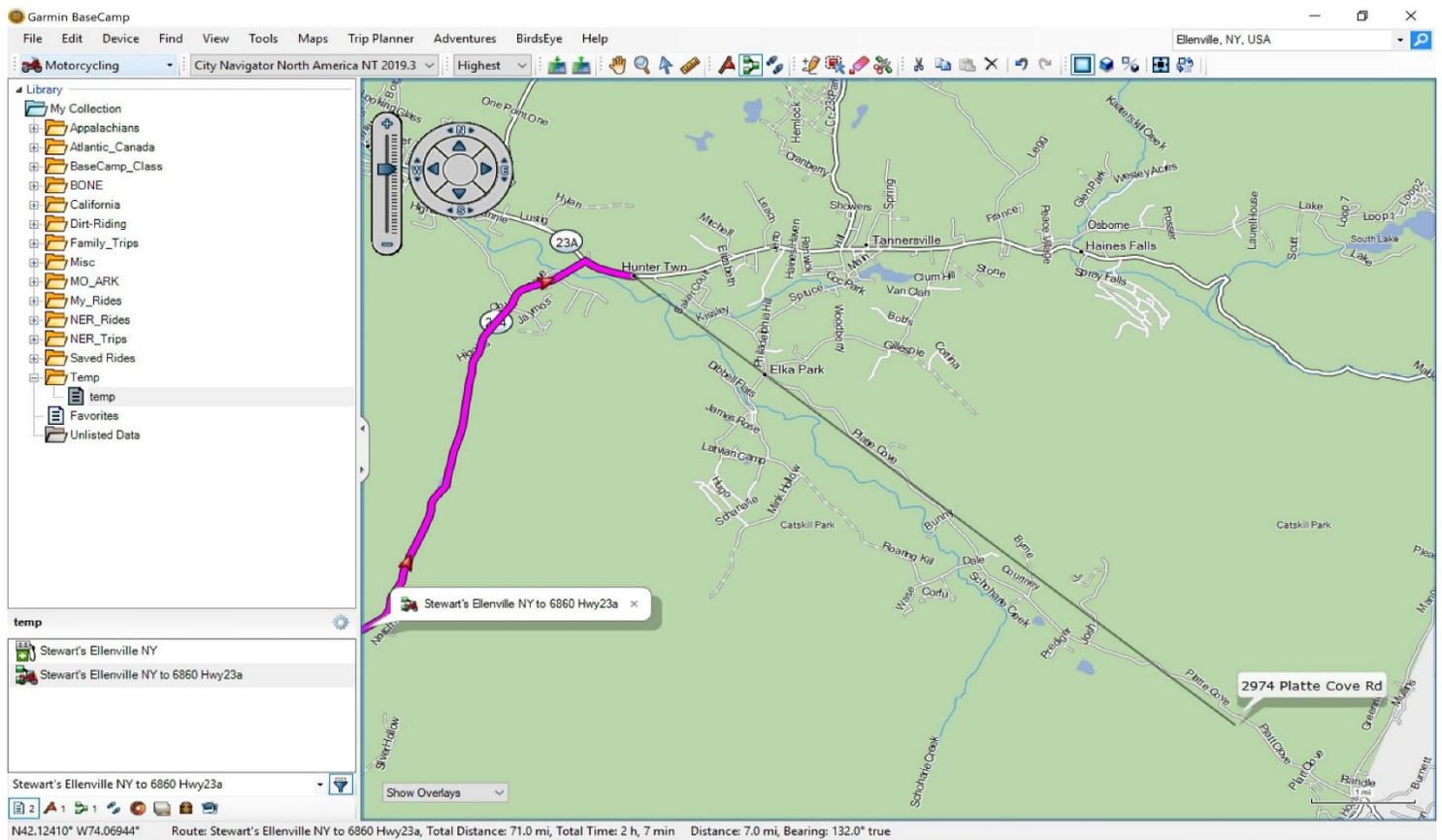


Figure 34: Platte Clove Rd

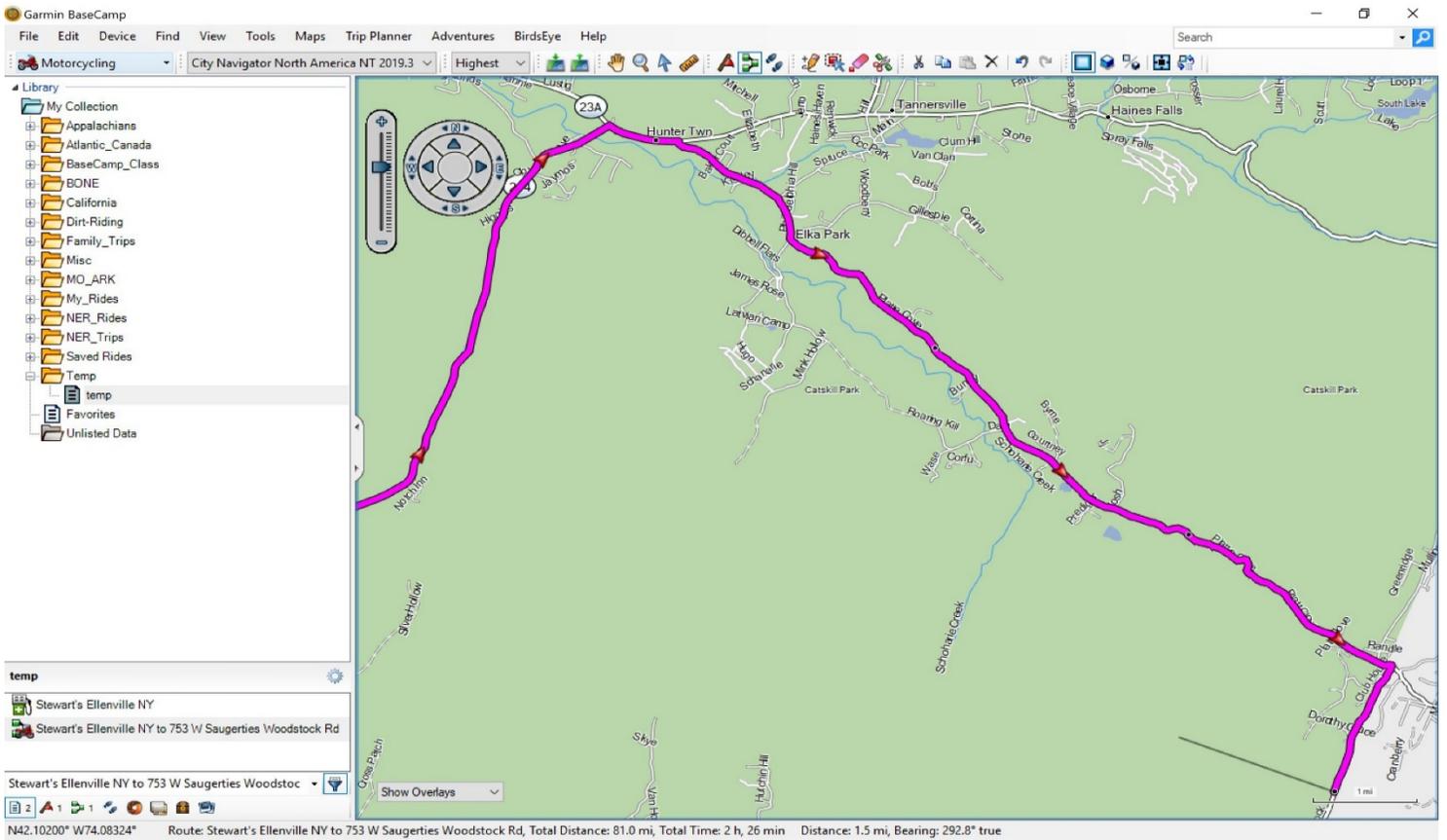


Figure 35: W Saugerties Rd

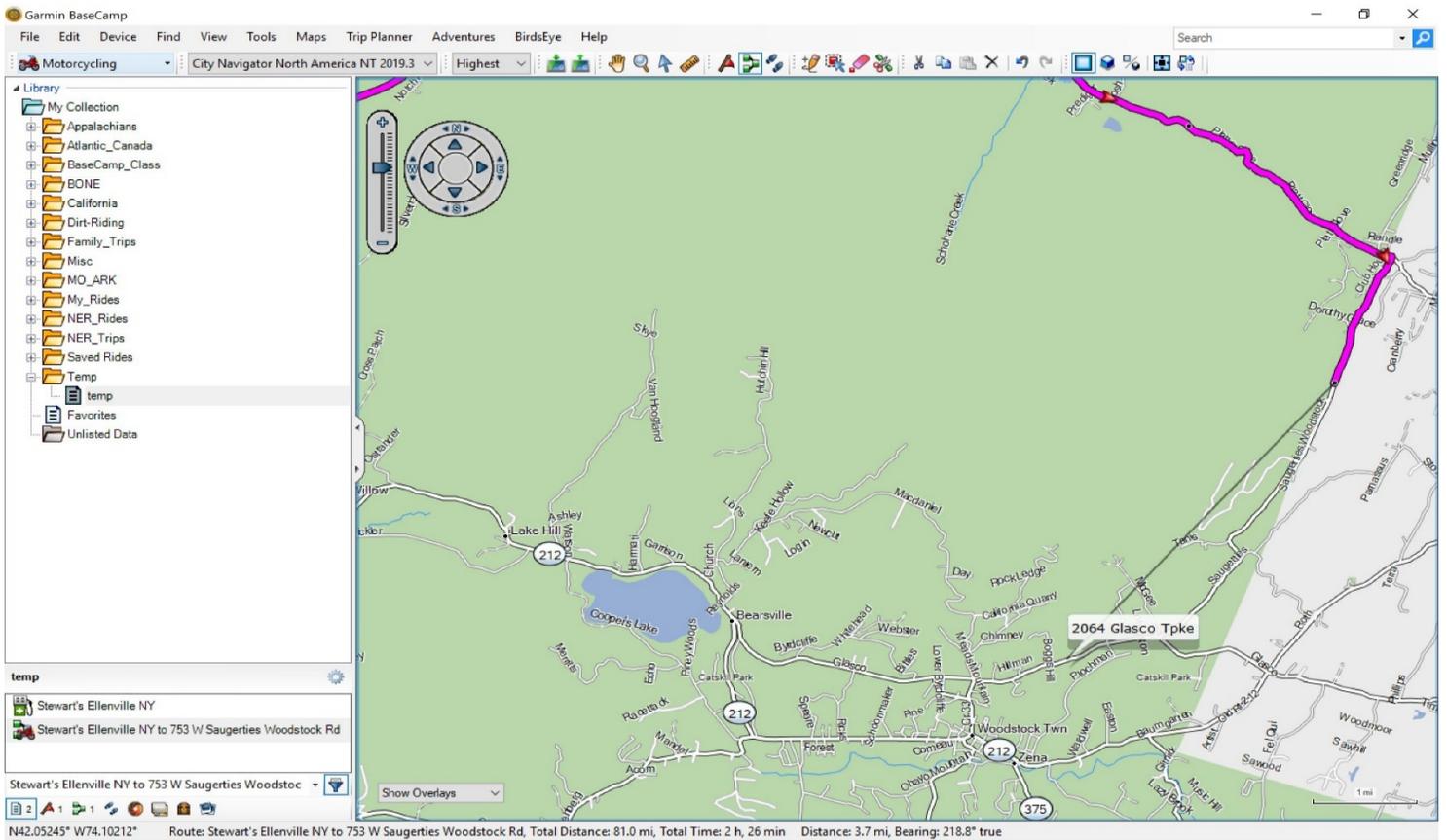


Figure 36: Glasco Turnpike

Route through Woodstock and on to Ohayo Mountain Road (Figure 37). We pick Ohayo Mountain Road because of a waterfall view and river views as it follows the Saw Kill (Figure 38) to an awesome set of switchbacks (Figure 39).

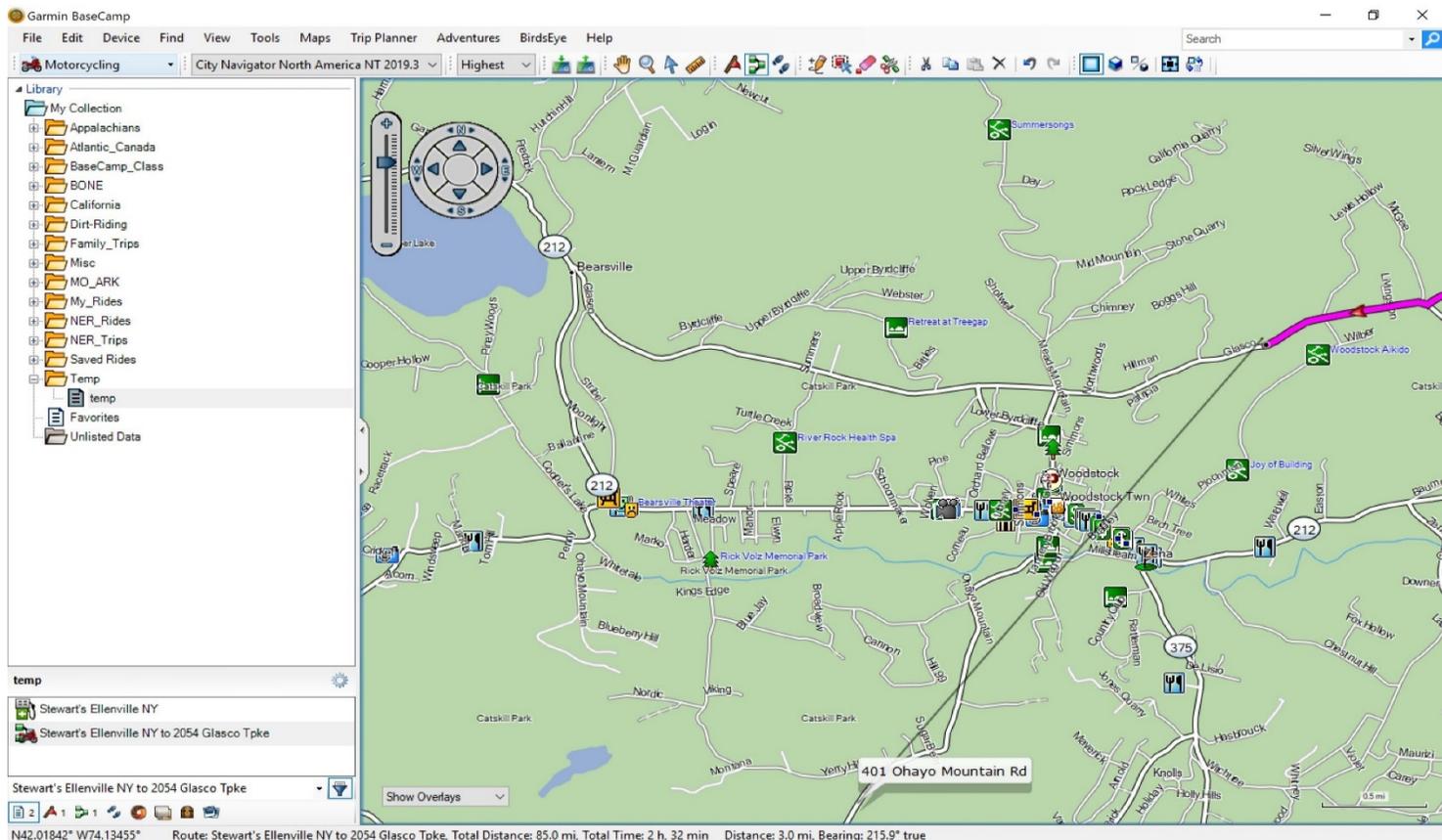


Figure 37: Woodstock and Ohayo Mtn Rd

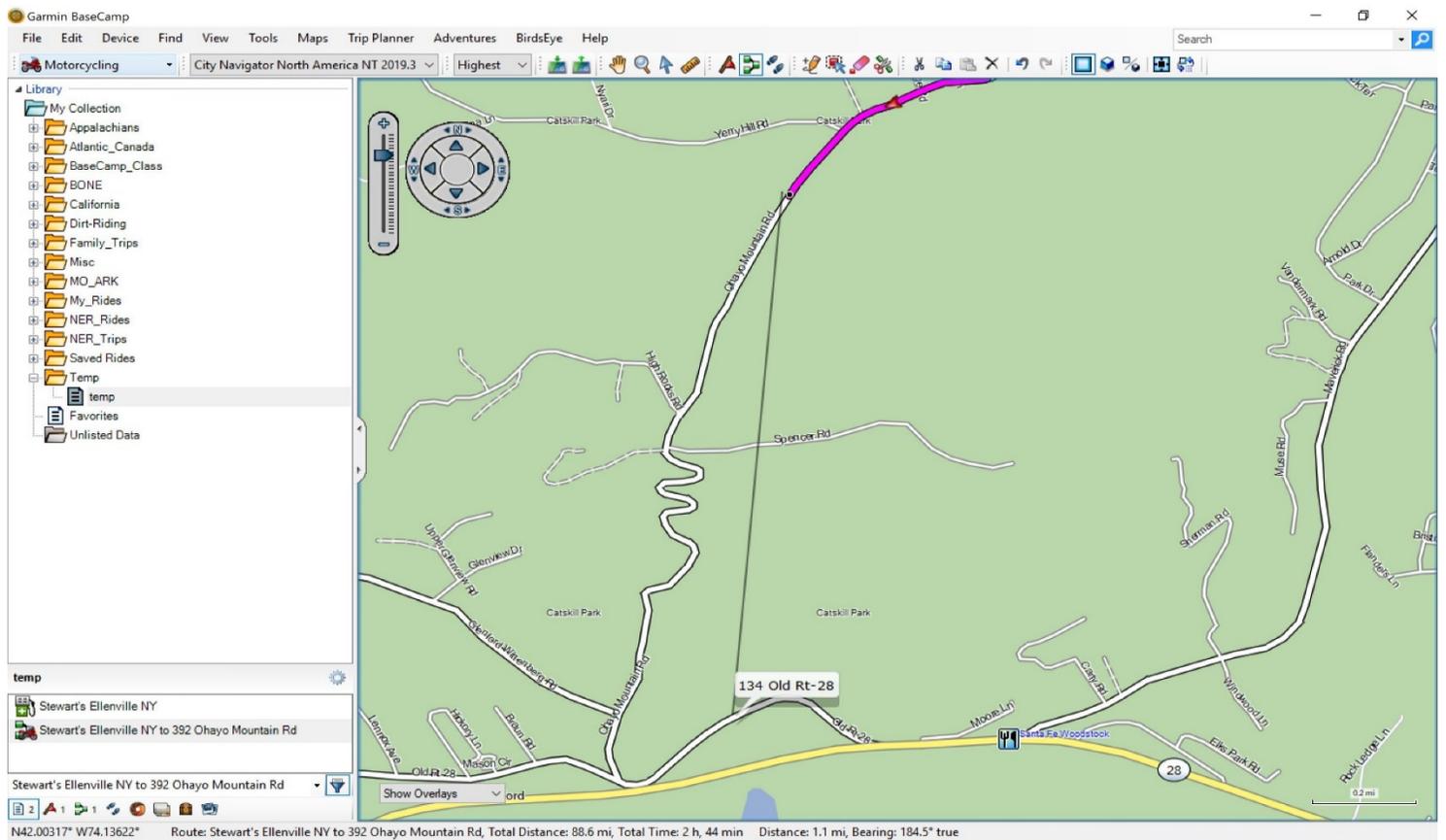


Figure 38: Old Route 28

After the switchbacks, turn left on Old Route 28 (Figure 38) and then left again on NY Route 28. Round the eastern shore of the Ashokan Reservoir and turn right onto NY Route 28A (Figure 40). Place a few route points along Route 28A so that our route follows the south shore of the Ashokan Reservoir (Figure 41). We chose this road because Route 28A follows every bend of the reservoir. It is a nice combination of curves and views.

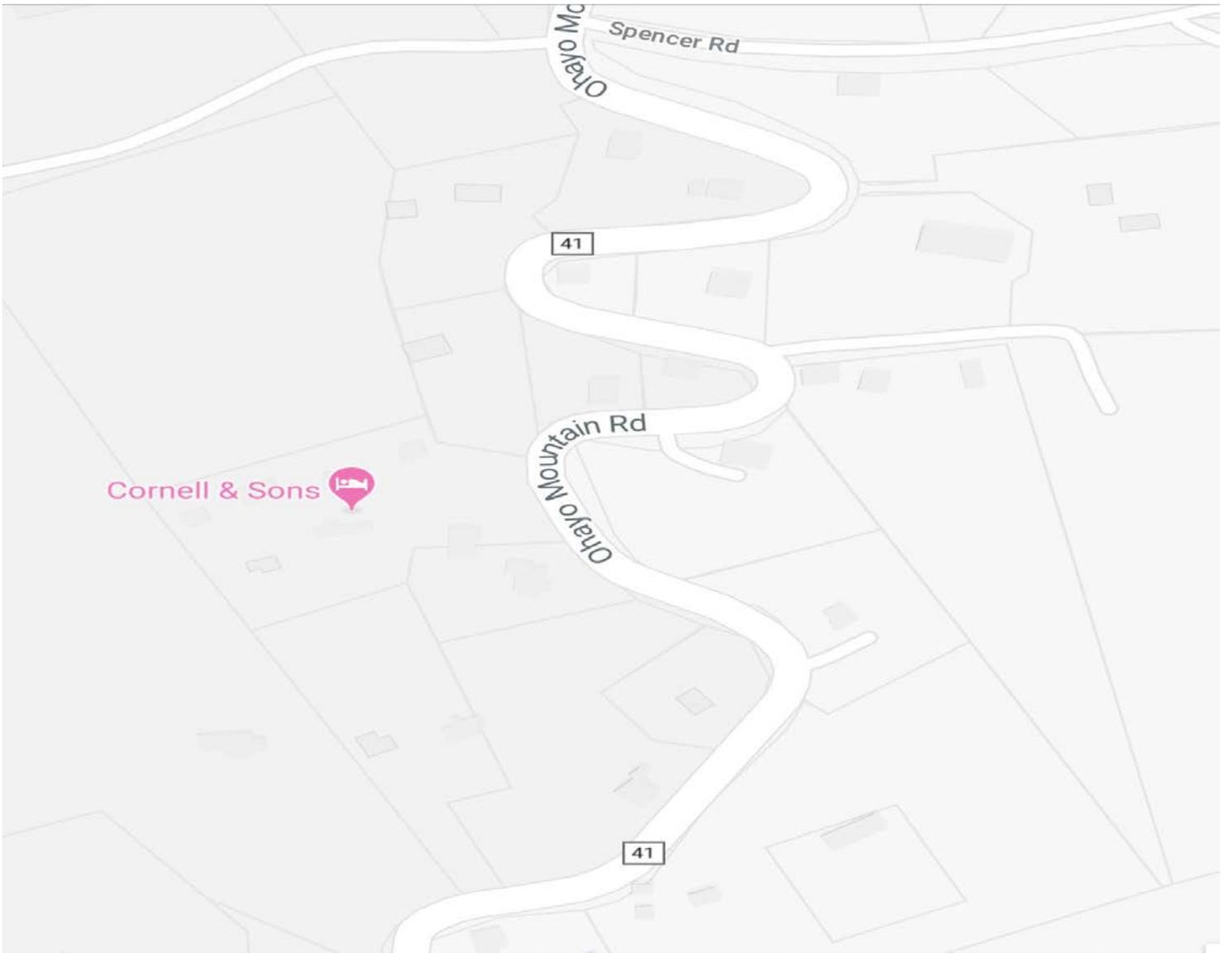


Figure 39: Ohayo Mountain Road Switchbacks

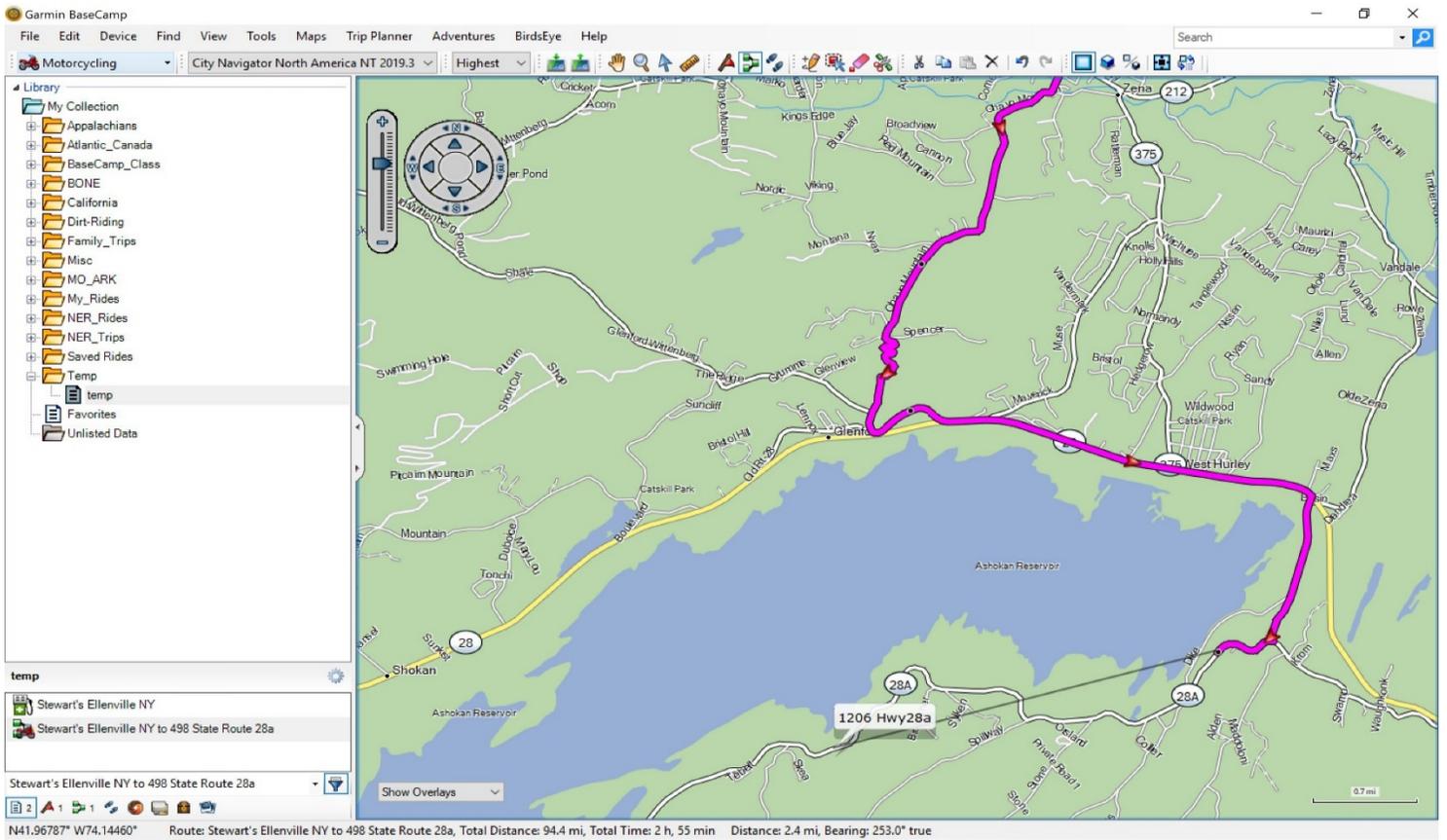


Figure 40: NY Route 28A

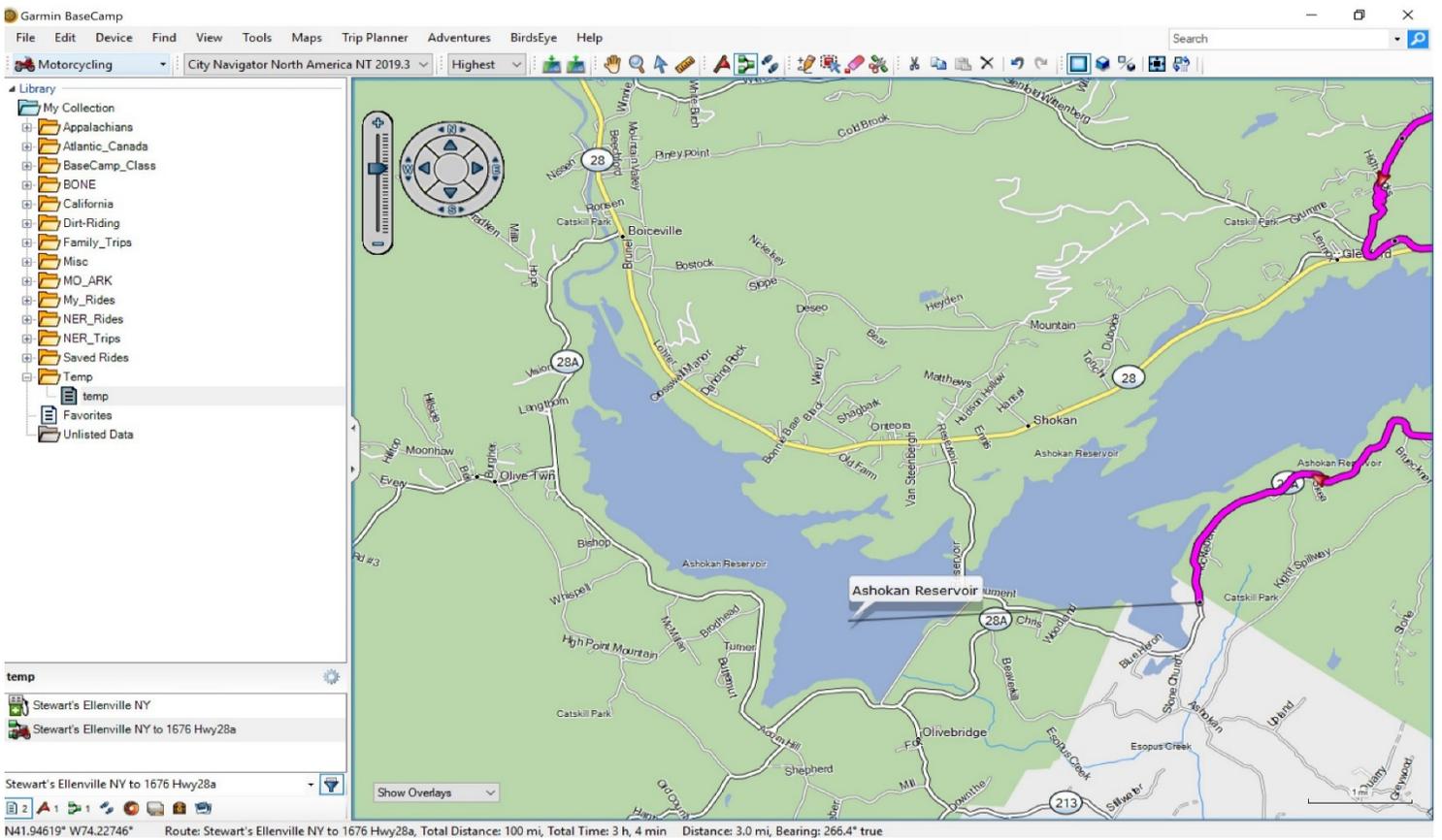


Figure 41: Ashokan Reservoir

Near the western end of the reservoir, turn left on CR-42 Watson Hollow Rd (becomes Peekamoose Rd). We picked this road because it is another awesome County Road that runs along a river (Bush Kill) and is bordered by mountains (Figure 43).

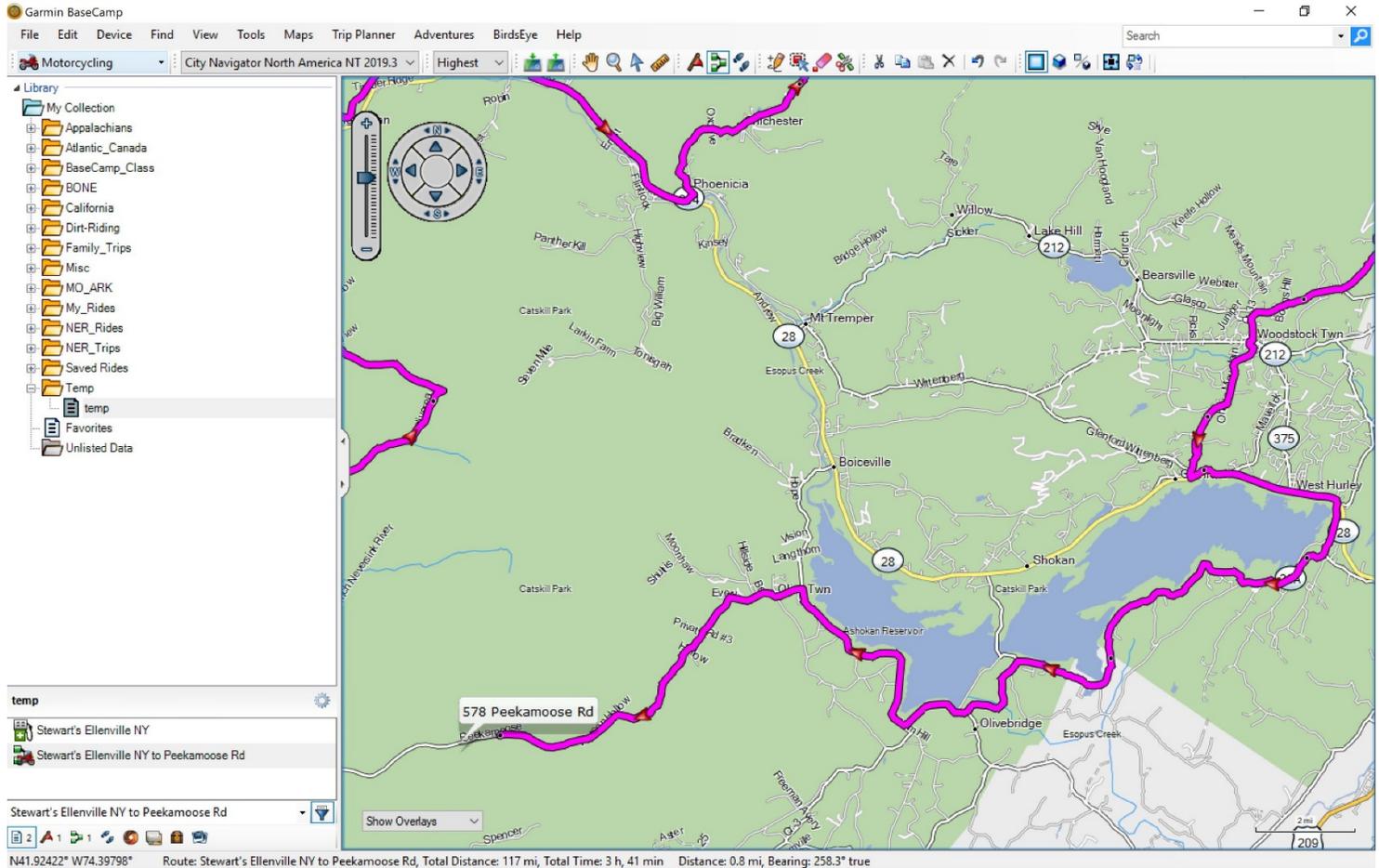


Figure 42: Peekamoose Rd

Continue south and turn left on NY Route 55A (Figure 44). Continue placing Route points on Route 55A (Figure 45). Place a point on Route 55 near Route 209 to ensure that the route selects this road (Figure 46).

travel times, traffic and nearby places

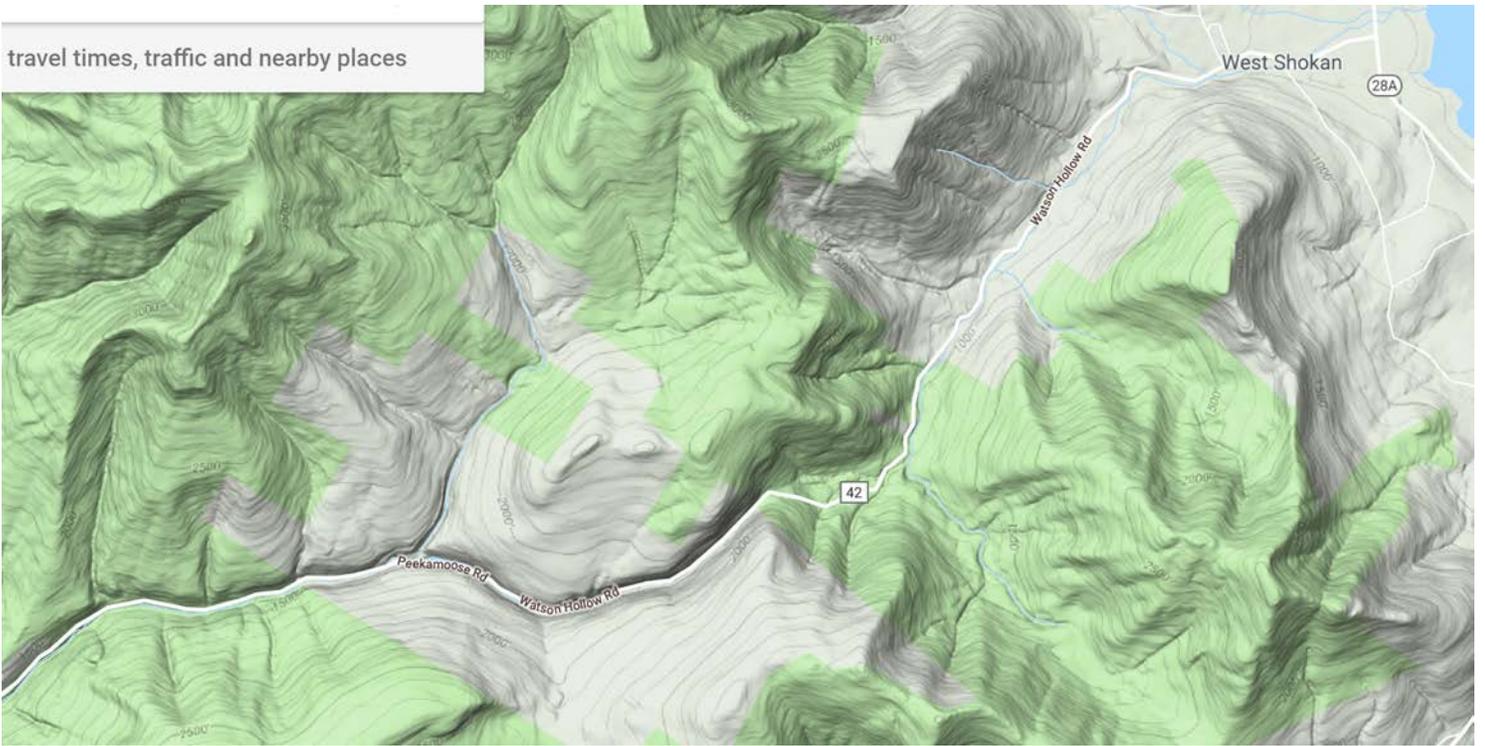


Figure 43: Peekamoose Rd Terrain View

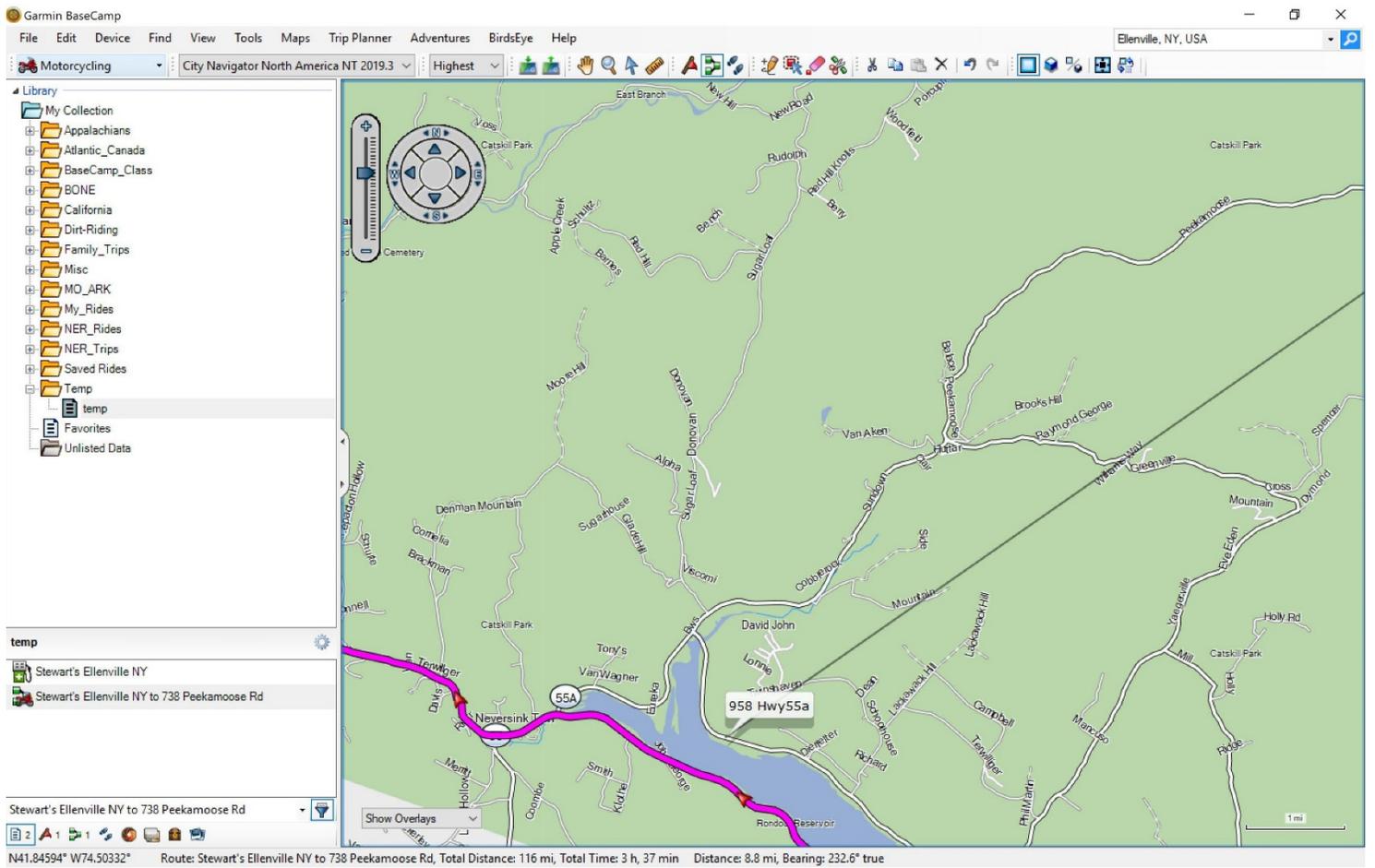


Figure 44: NY Route 55A

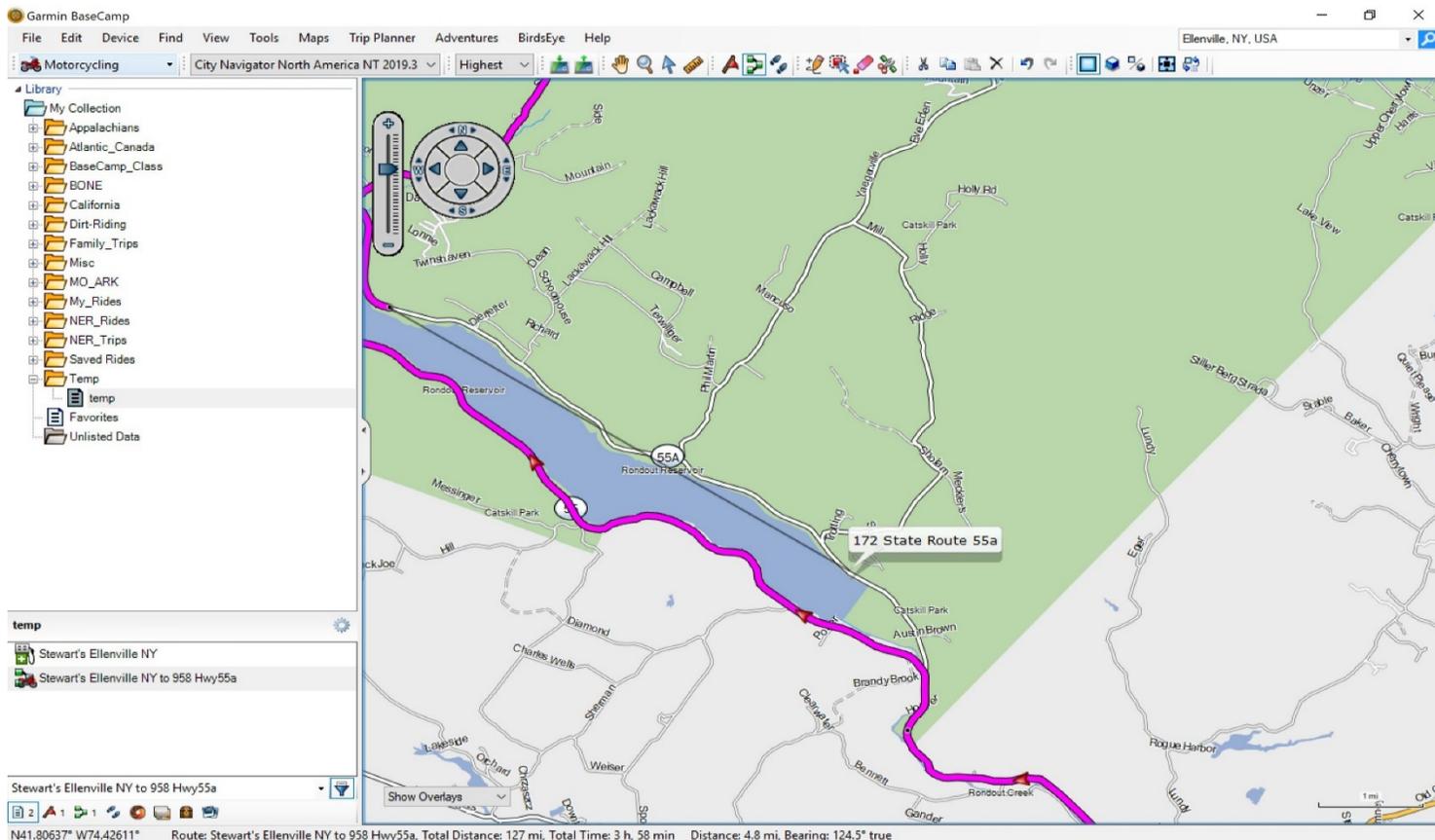


Figure 45: NY 55A - Rondout Reservoir

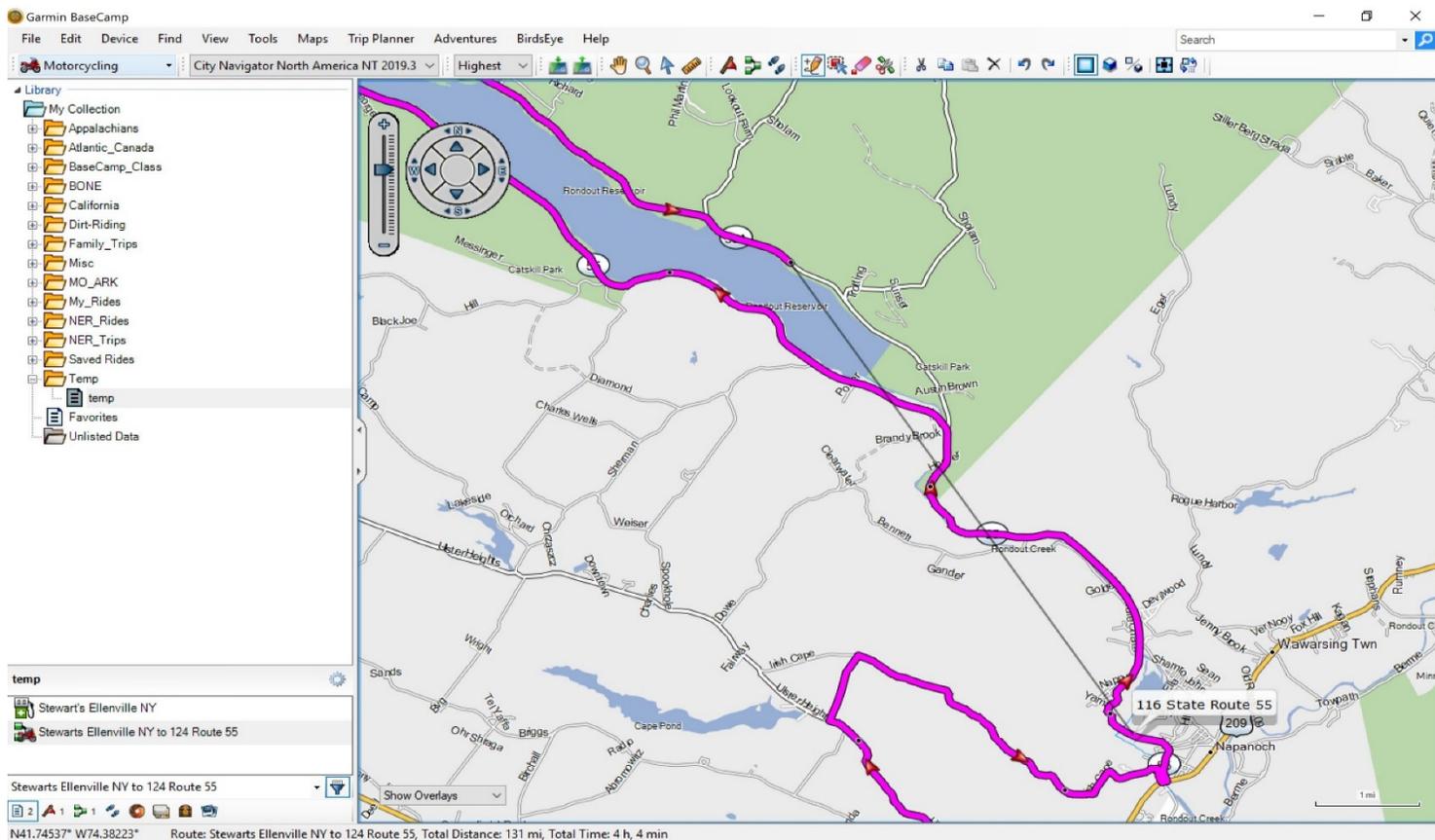


Figure 46: NY 55 - End of Route

Complete the route by selecting Stewart's Ellenville NY (Figure 47). Hit the Escape key to stop drawing the route and switch to the hand tool so that you do not inadvertently begin a new route.

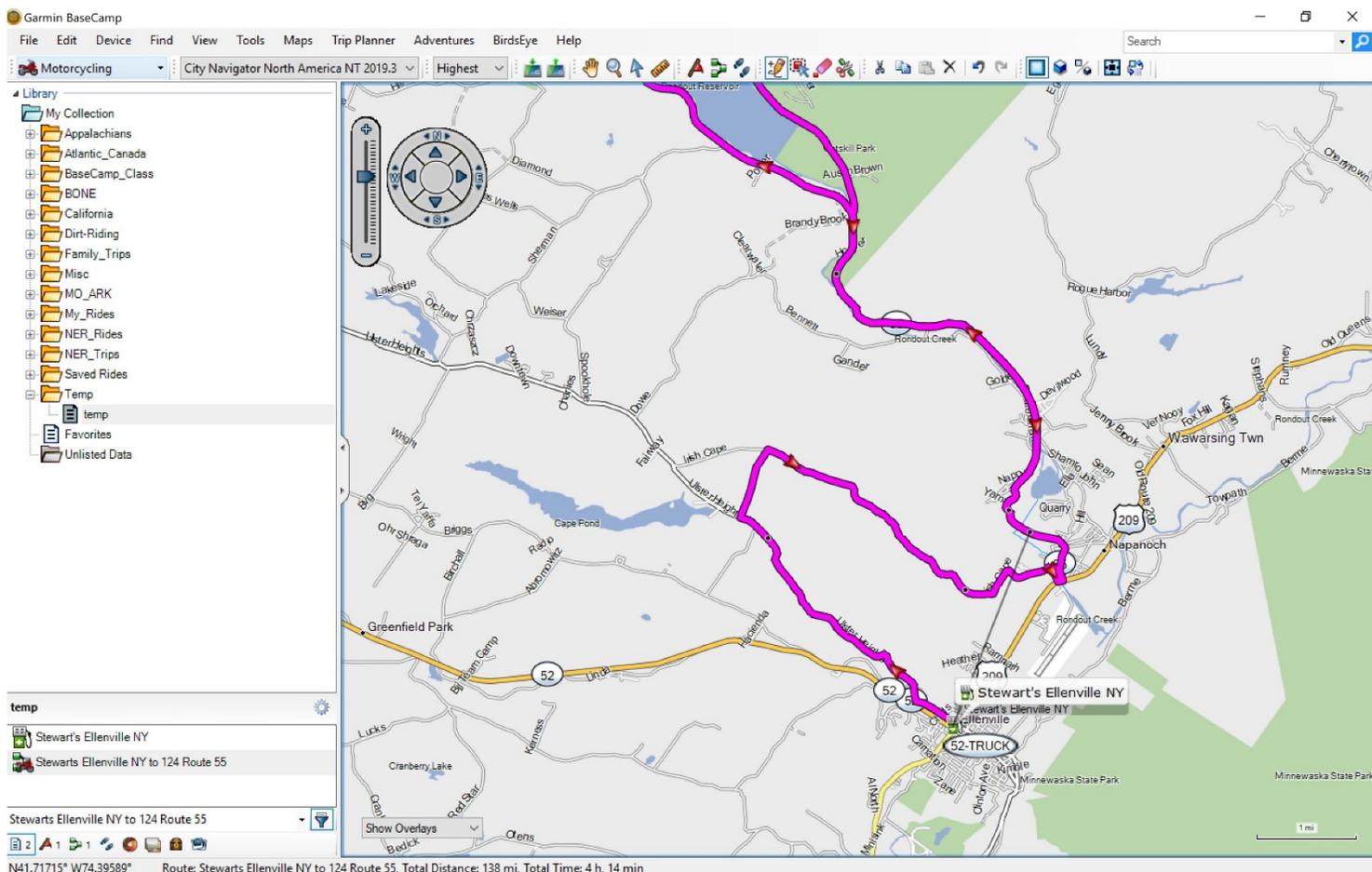


Figure 47: Complete the Loop

Double click on the route with the hand tool (or on the Route Name in the Temp Window) to open up the Route Properties Window. I see a 140-mile Route named Stewart's Ellenville NY to Stewart's Ellenville NY (Figure 48). Change the Route name to Catskills Loop (Figure 49).

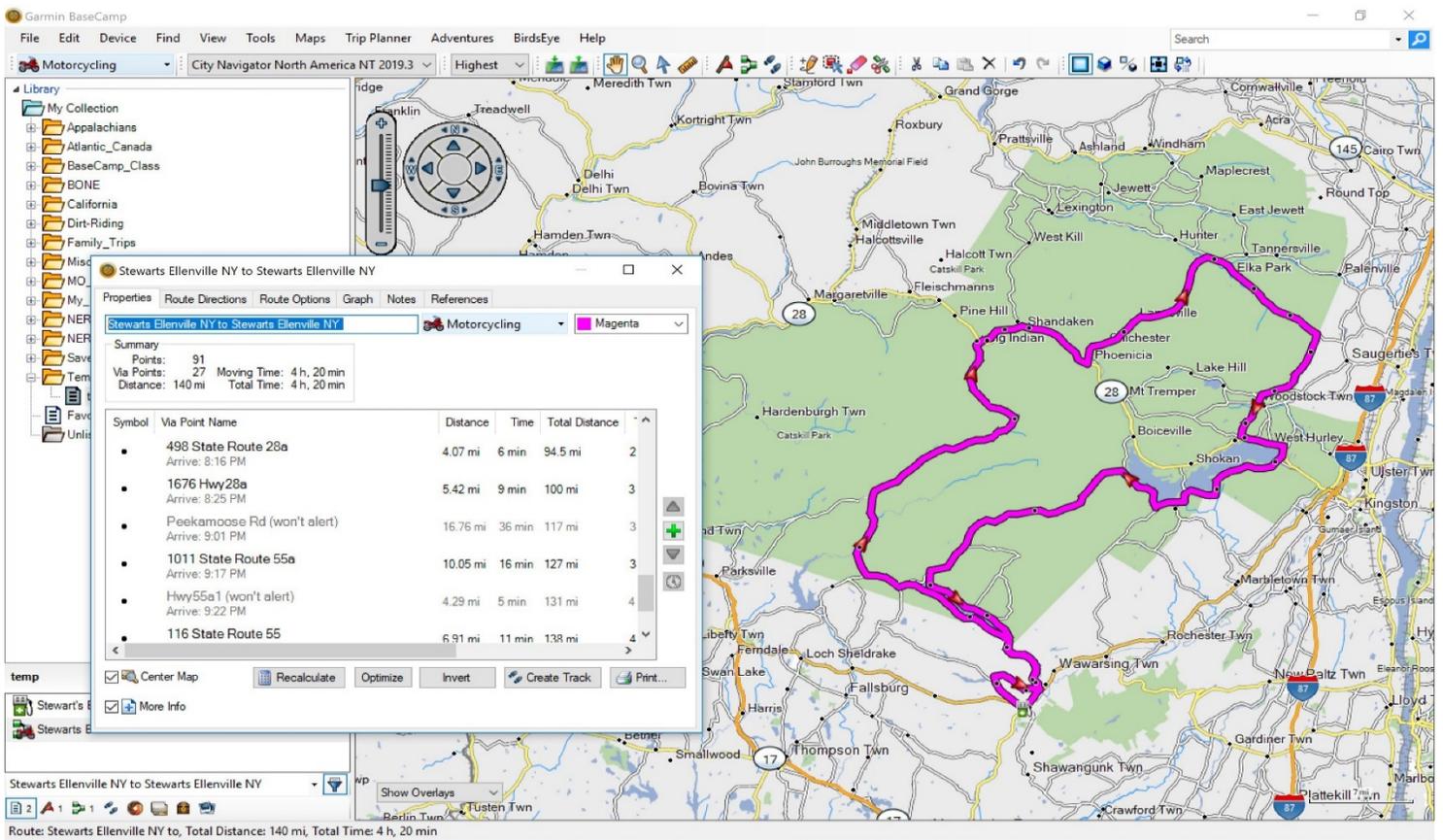


Figure 48: Route Properties

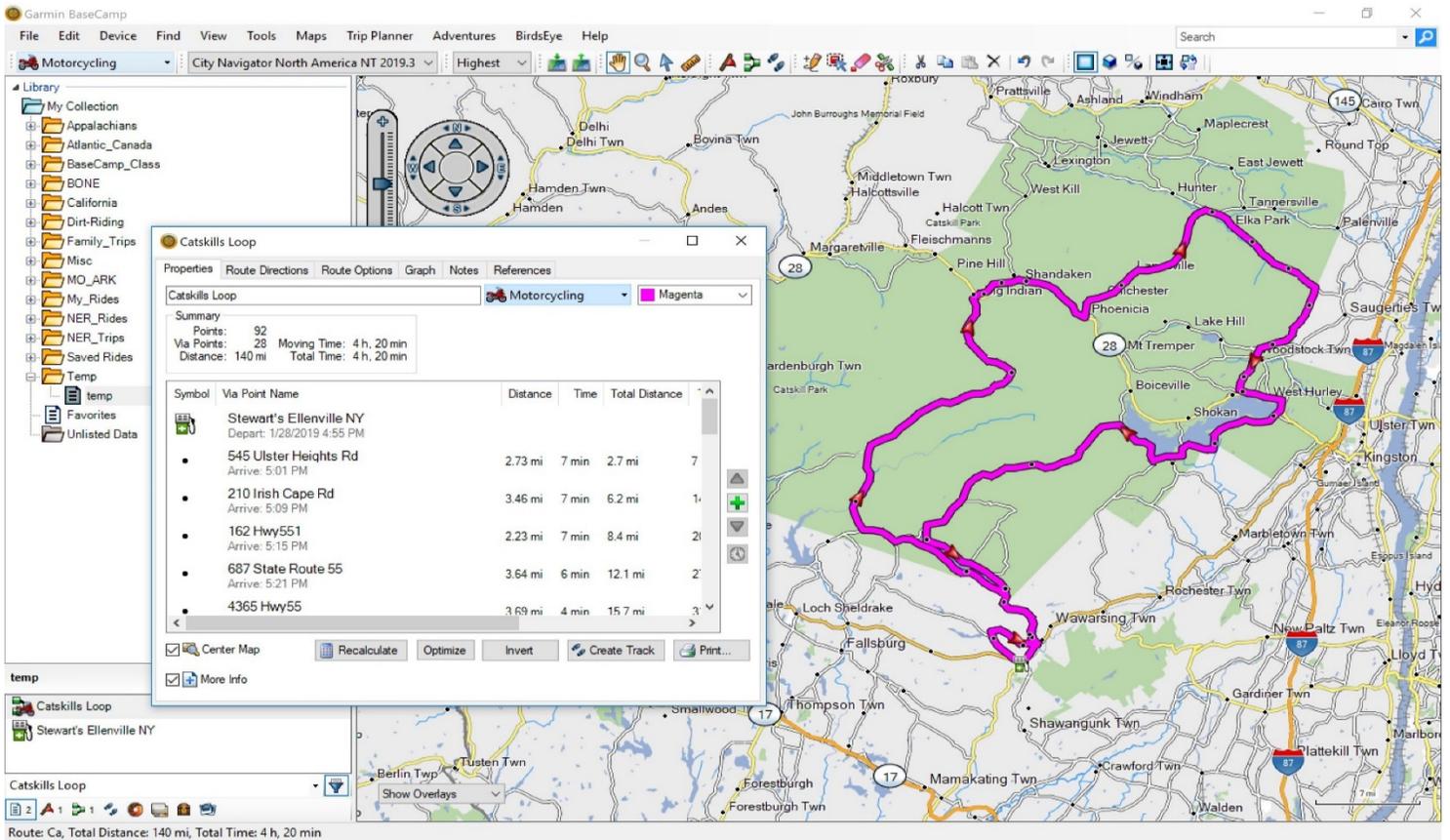


Figure 49: Rename to Catskills Loop

Go to the top of the Route Properties Window and double click on the Start Point (Stewart's Ellenville NY) to open an Edit Via Point Window (Figure 50). Check the Departure Box and set the departure time to 9:00 am on 6/21/2019. Click on the Recalculate button and arrival times will display for all route stops. (Figure 51).

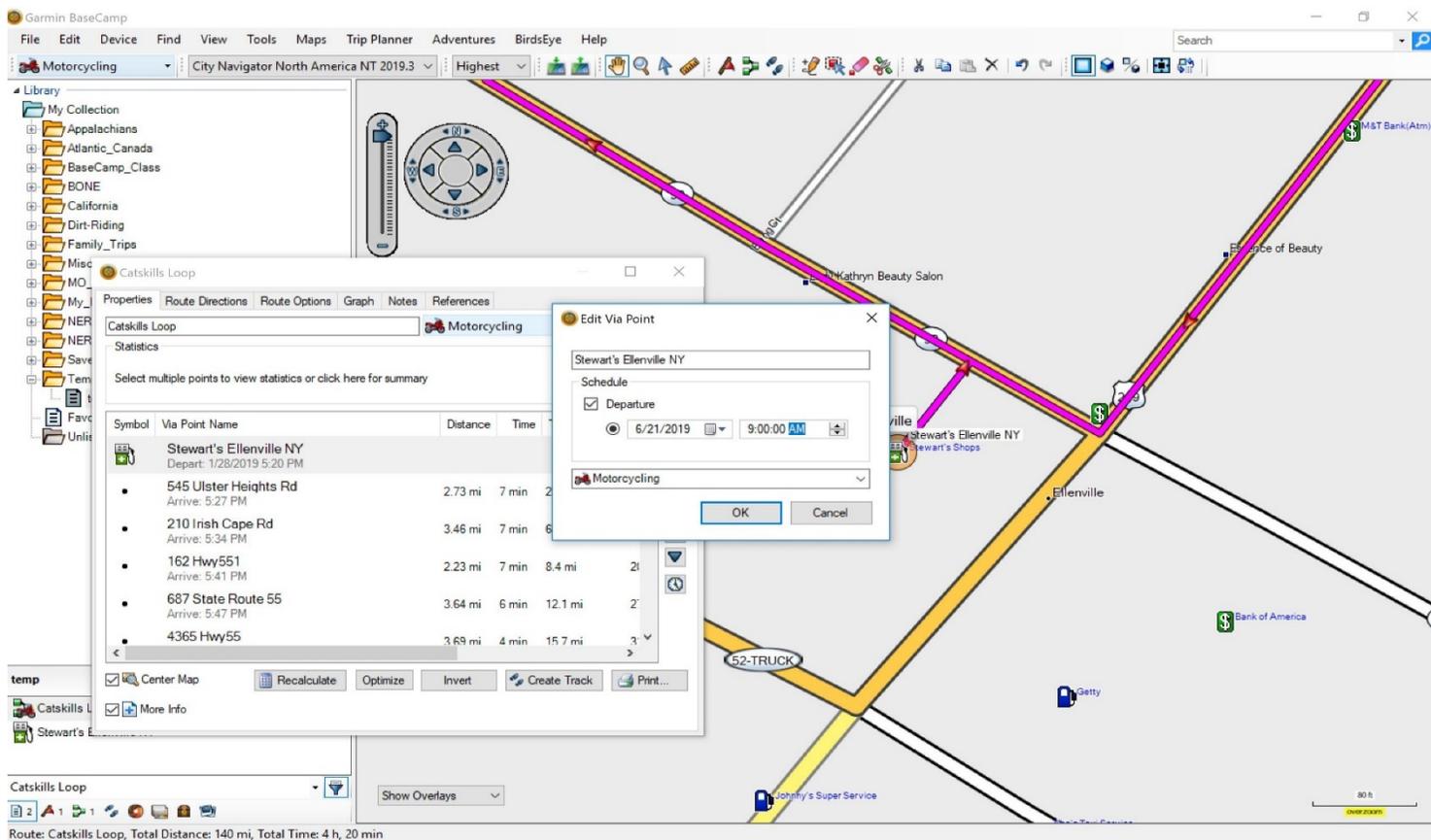


Figure 50: Set Start Time

Scroll through the route stops until we see a point approximately 2 hours into the ride (11:00 am). (I normally set stop times at 90 minutes for groups, but today I will ride a little longer). Two hours into the ride puts us on Route 214 north of Phoenicia (Figure 52). Let us backtrack a little and plan a stop in Phoenicia (Figure 53).

Select Find and then Find Options from the BaseCamp menu (Figure 54). Select the Points of Interest radio button and then fuel from the dropdown menu.

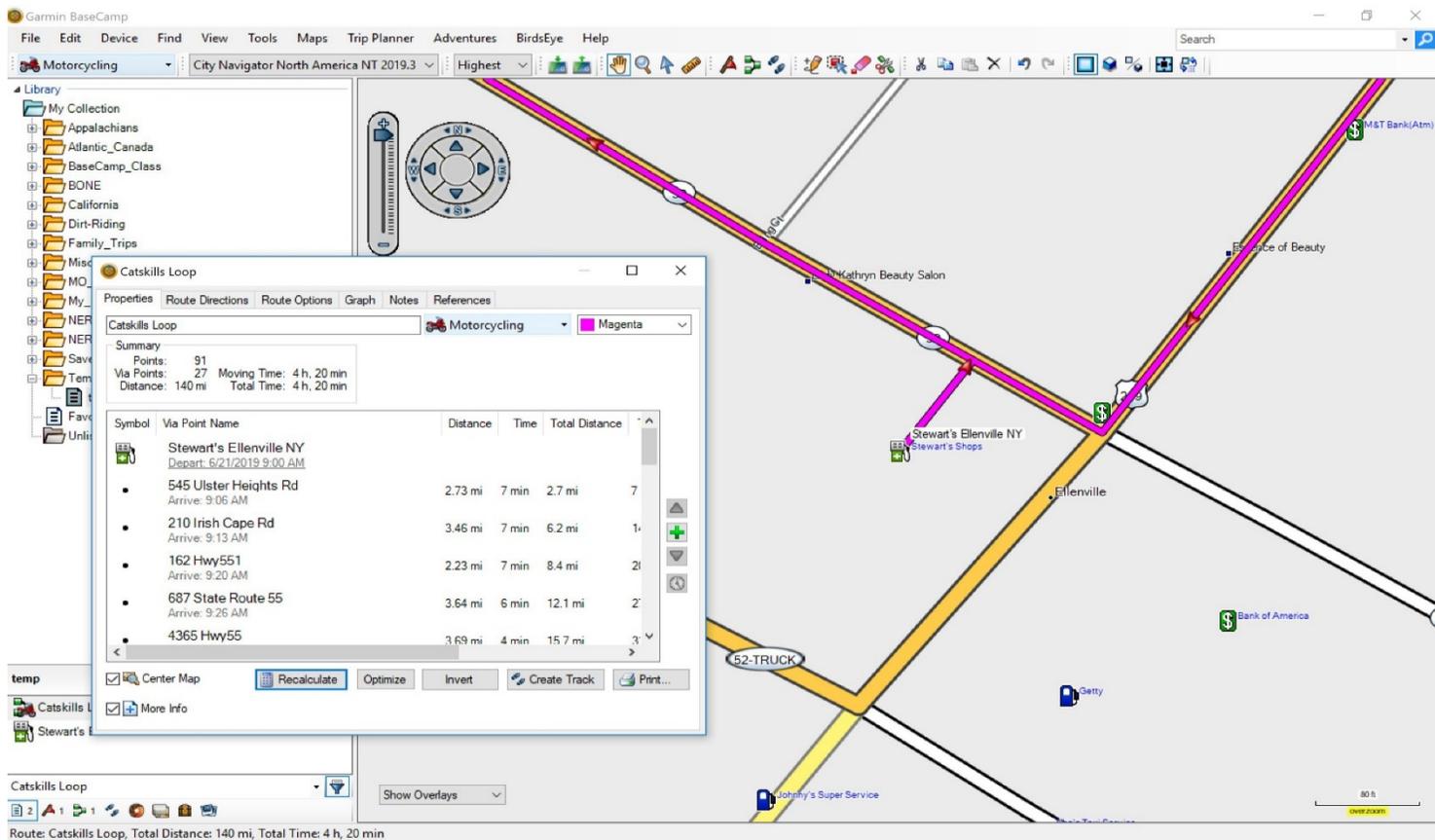


Figure 51: 9:00 on 6/21/19

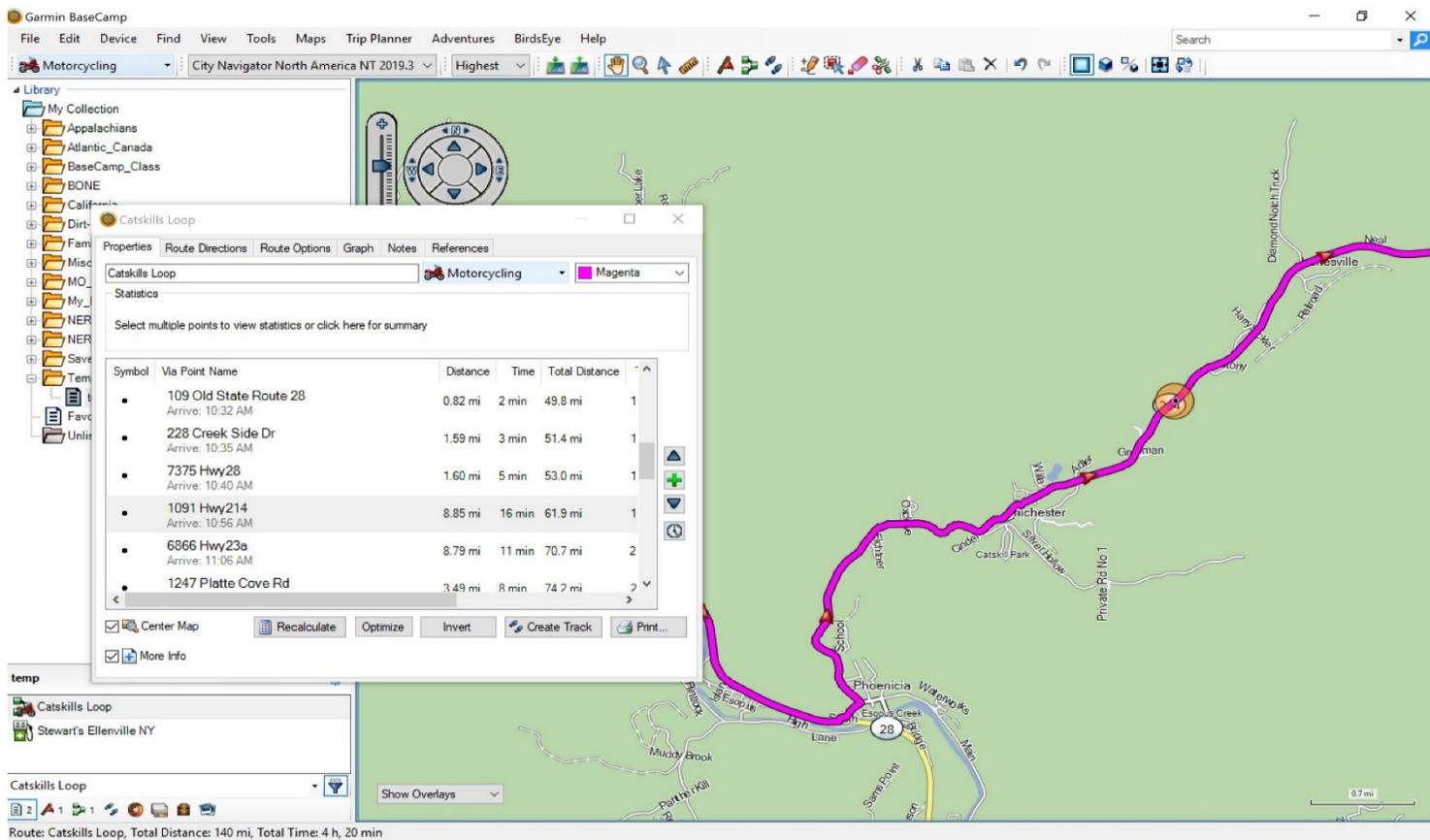


Figure 52: First Stop

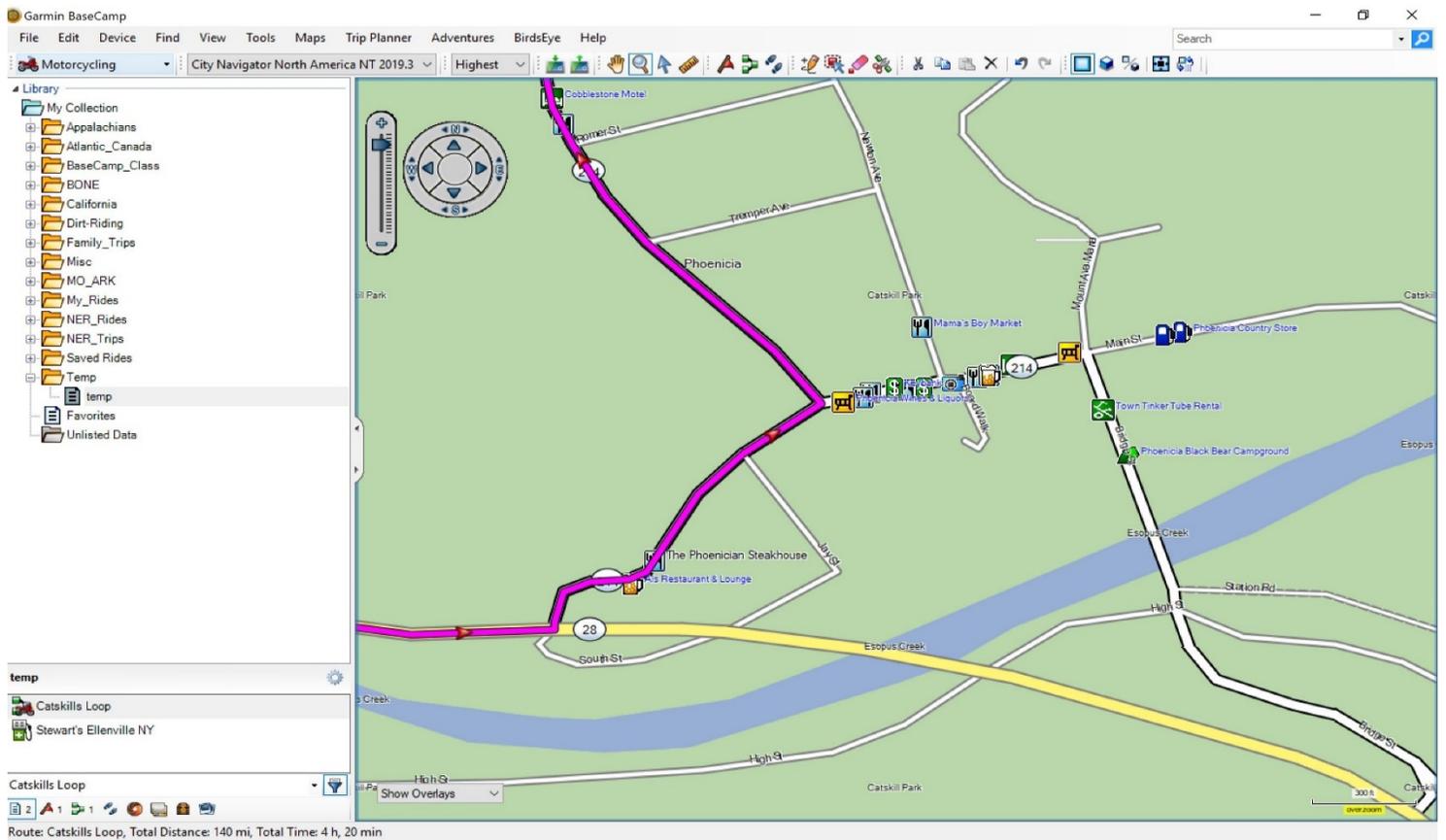


Figure 53: Phoenicia

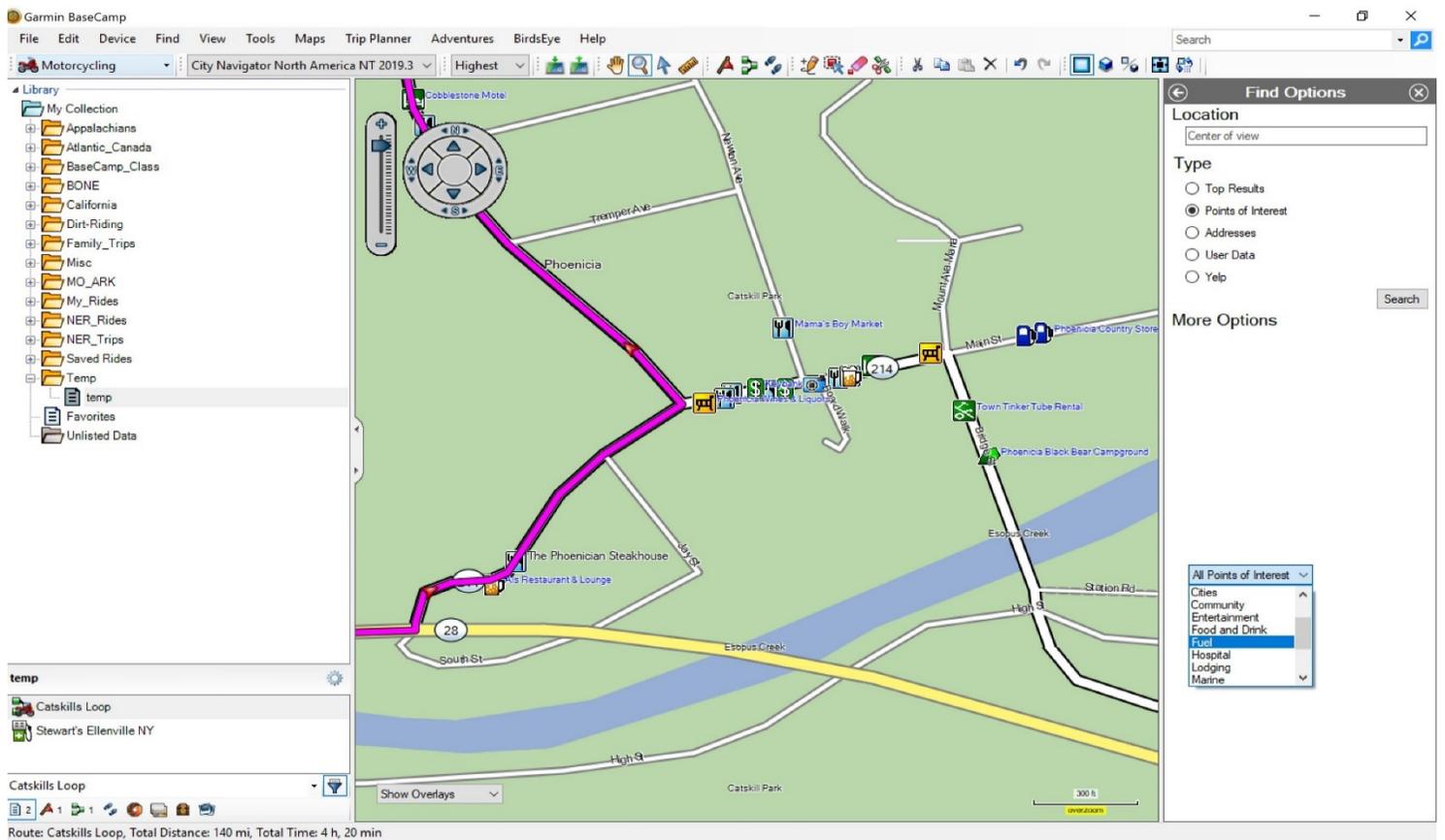


Figure 54: Search Fuel

The Valero looks like a good stop (Figure 55). Valero's often have restroom and convenience stores.

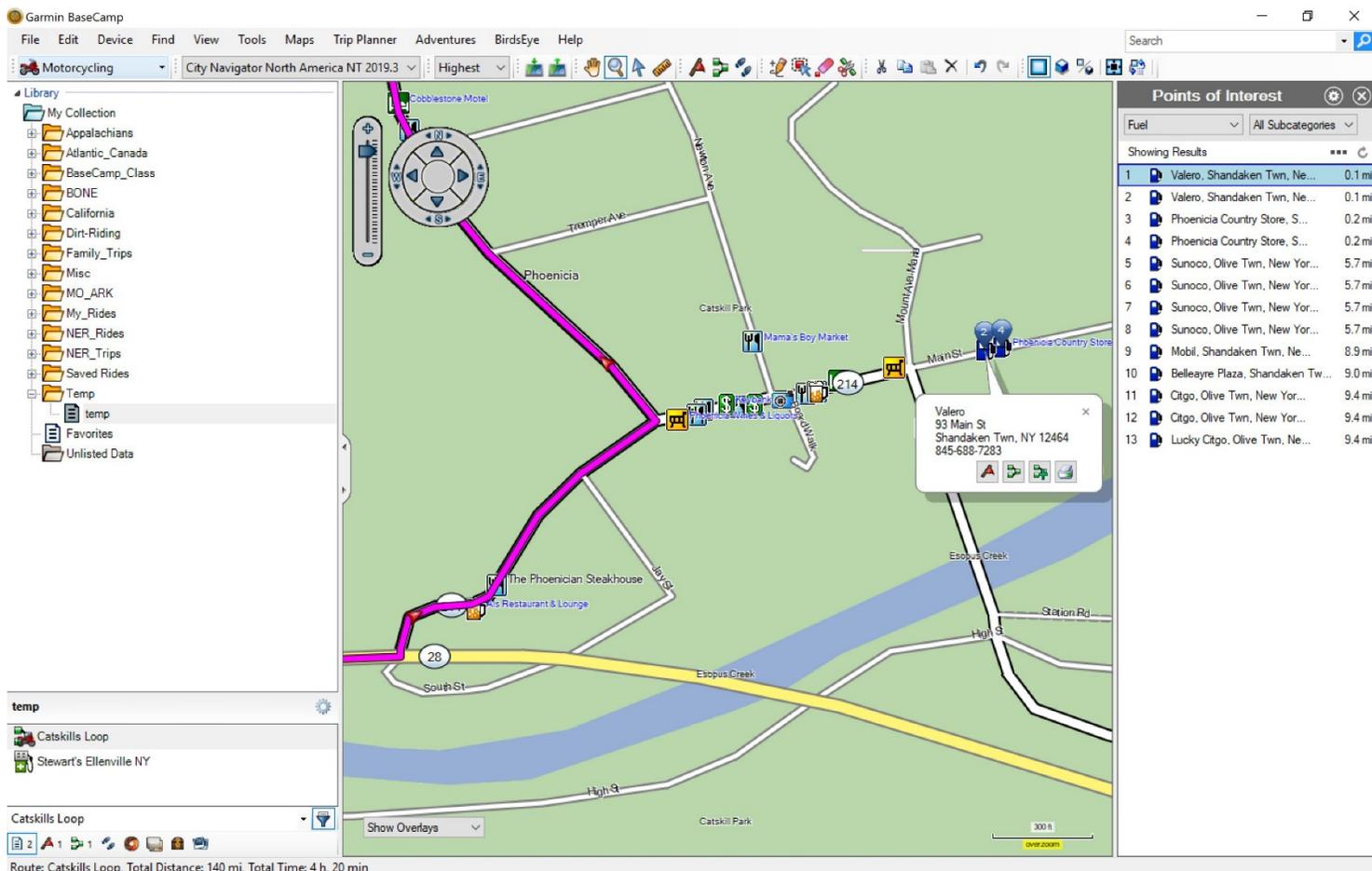


Figure 55: Search Fuel, Select Valero

Open Google Maps and search Valero Phoenicia NY. Drag the gold person icon to the Valero to enter Street View (Figure 56). The Valero does have a nice convenience and probably a restroom. Close Google Maps.

Go back to BaseCamp and select the red waypoint flag icon in the Valero popup information window (Figure 55). Valero is added to the map and the Temp folder.

Click on the Valero name on the map or in the Temp list to open the Waypoint Properties window. (Figure 57). Change the name to Valero Phoenicia NY so you do not confuse it with other Valero's that you may add. Change the icon to the Fuel Convenience Store icon .

Close the Points of Interest search window and close the Valero Phoenicia Window.



Figure 56: Valero Phoenicia

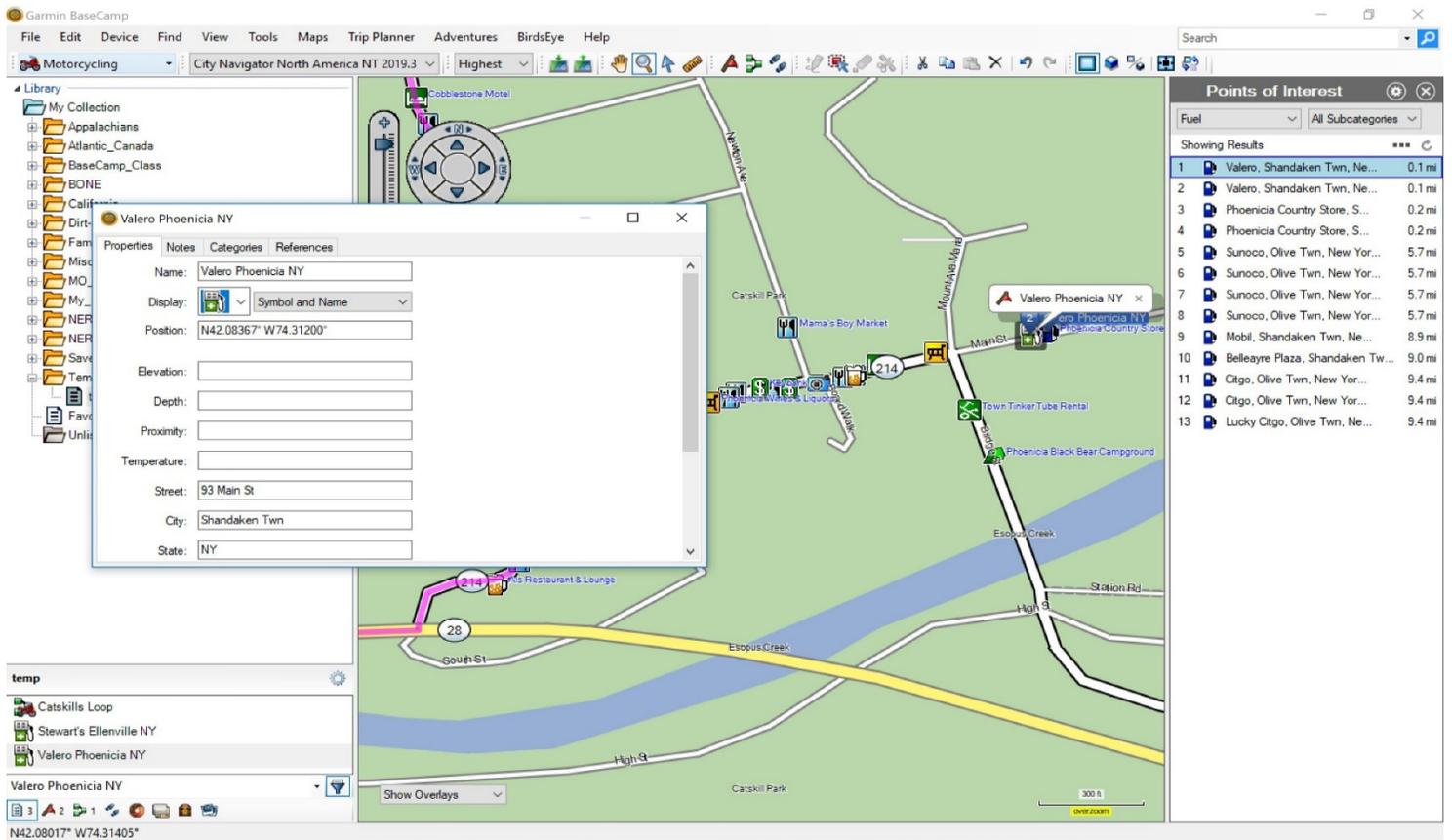
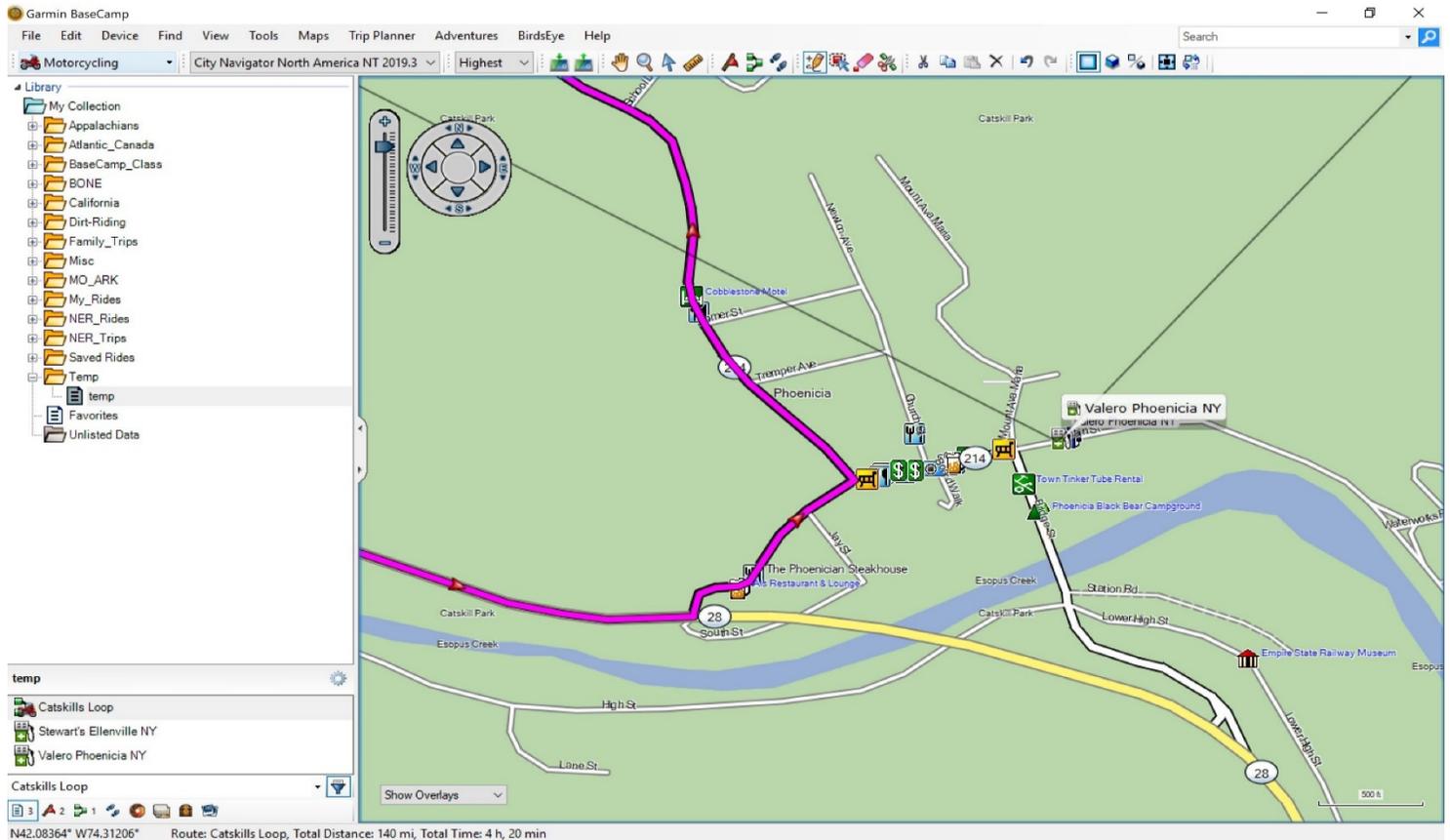


Figure 57: Select Valero, name Valero Phoenicia, change icon

Make sure that the route is highlighted by clicking on it with the hand tool cursor or clicking on its name in the Temp List. The magenta line will darken, red direction arrows will appear, and the Insert Tool will become available. Select the Insert Tool  from the toolbar (the cursor will change to a pencil with a plus sign). Move your cursor over the magenta route and press the left mouse button to get a snap line (Figure 58). Move the cursor and the snap line over the Valero Phoenicia NY icon until the Valero Phoenicia NY flag appears (Figure 58). Press the left mouse button to add Valero Phoenicia NY to the Route (Figure 59). Press the Escape key to stop inserting and then select the hand tool so that you do not make any mistakes.



**Figure 58: Snap Valero to the Route**

Double click on the route (or on the Route Name in the Temp folder) to open the Route Properties Window. Valero Phoenicia is now part of the Route.

Double click on Valero Phoenicia in the Route Properties Window. An Edit Via Point Window will open (Figure 60). Select Departure and then Layover Time. Set the Layover Time for this stop to 20 minutes and then click on OK. Recalculate the route and it will now show a 20-minute Layover (Figure 61).

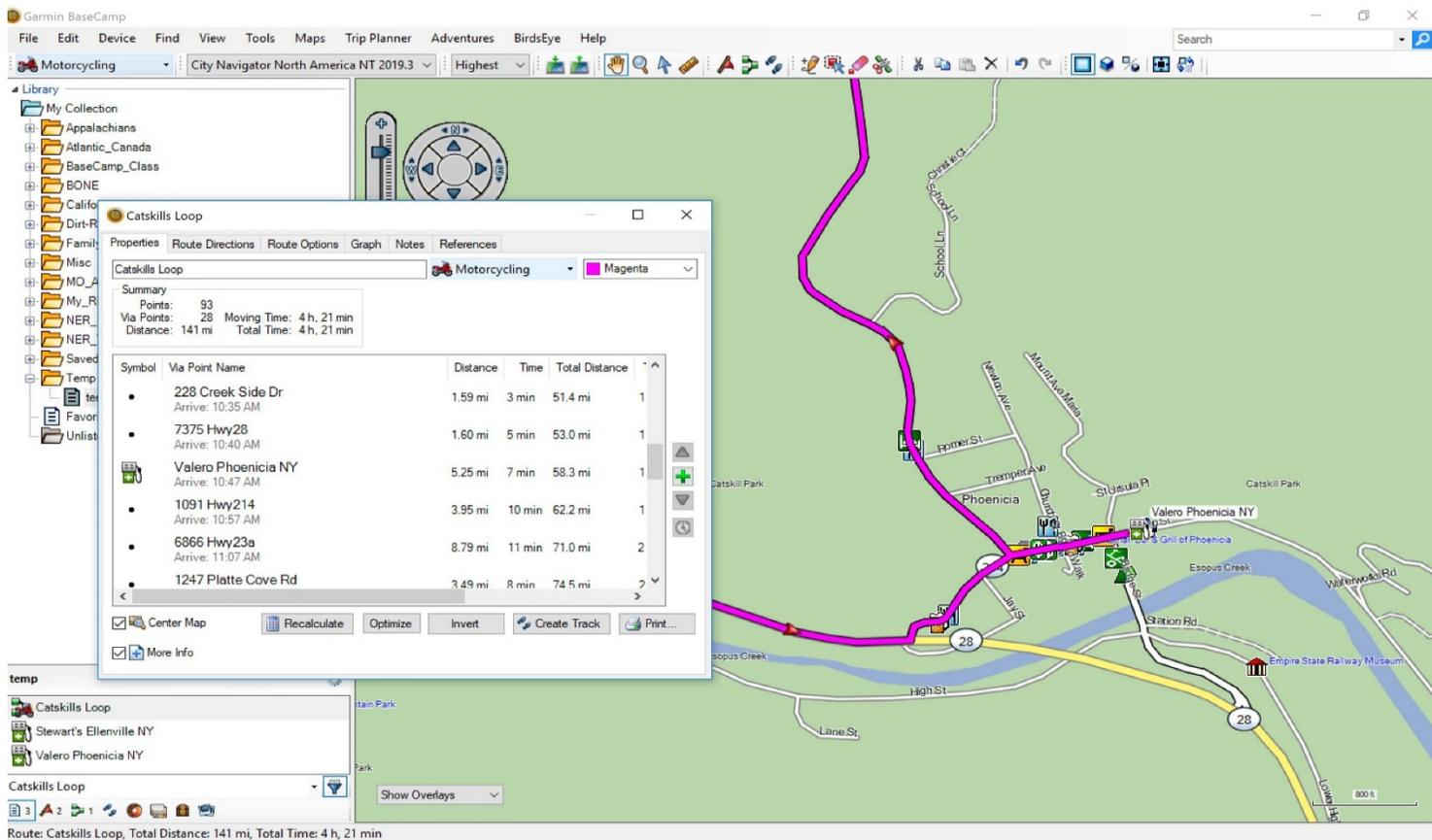


Figure 59: Valero now part of Route

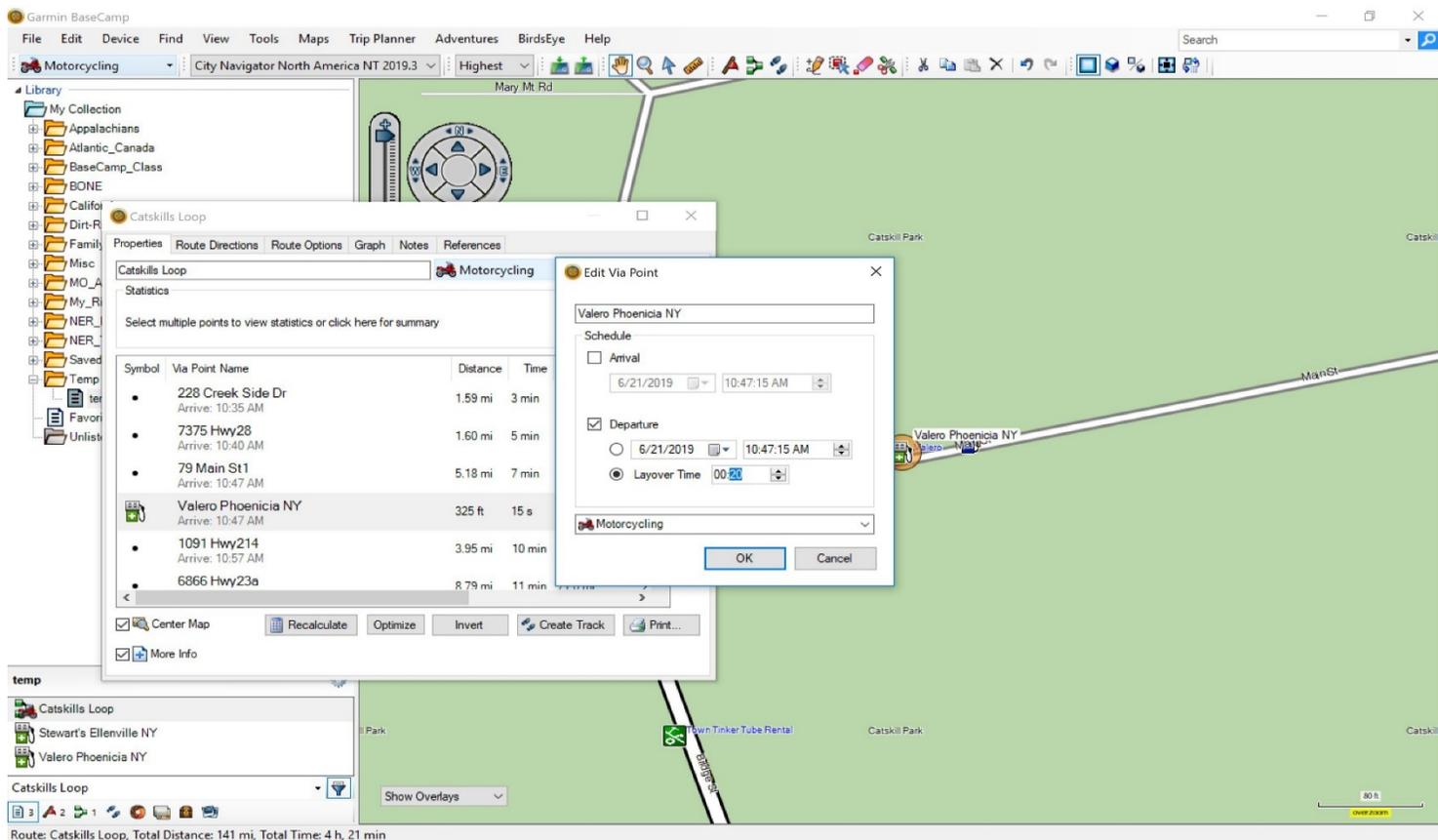


Figure 60: set 20-minute stop

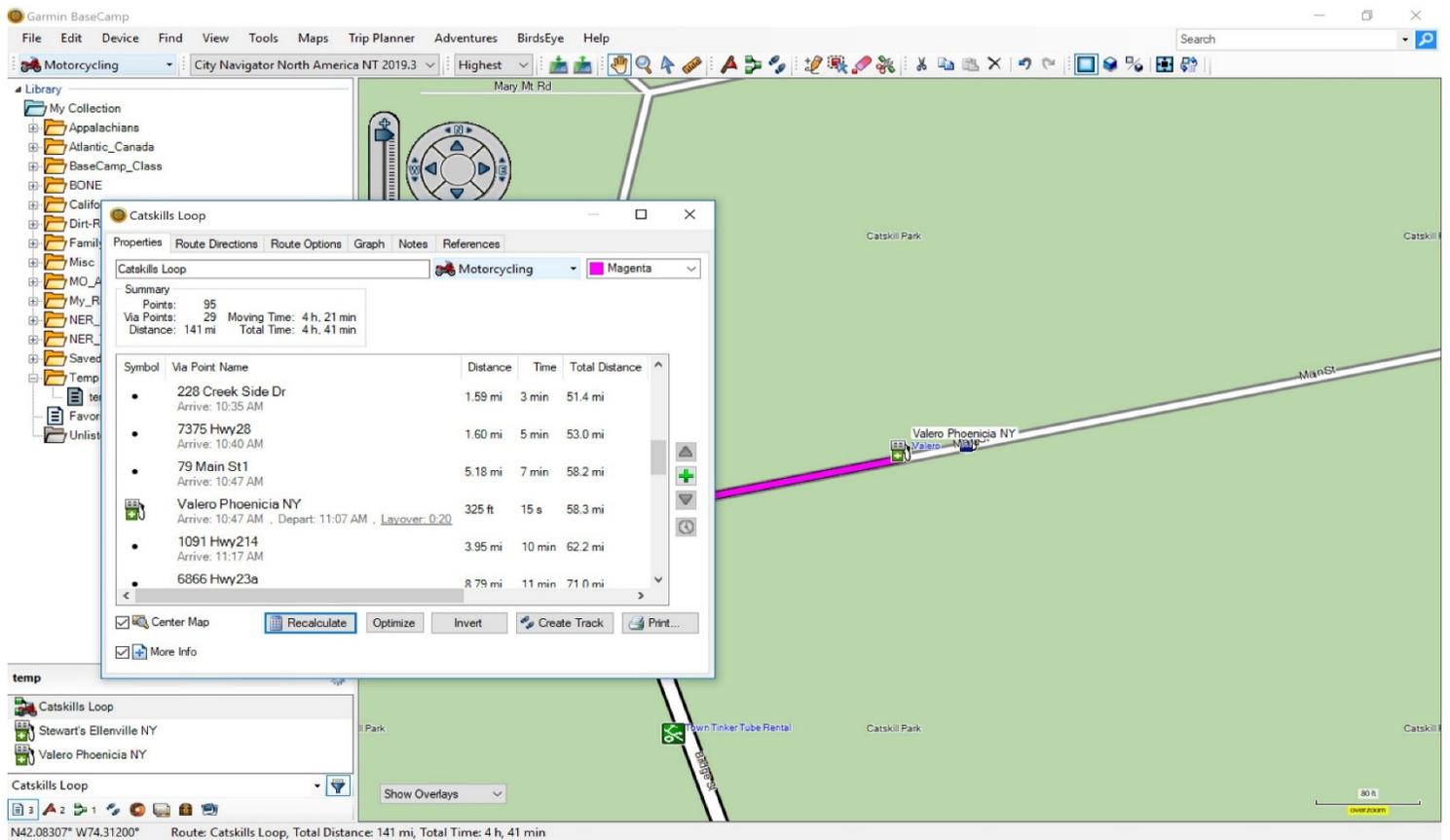
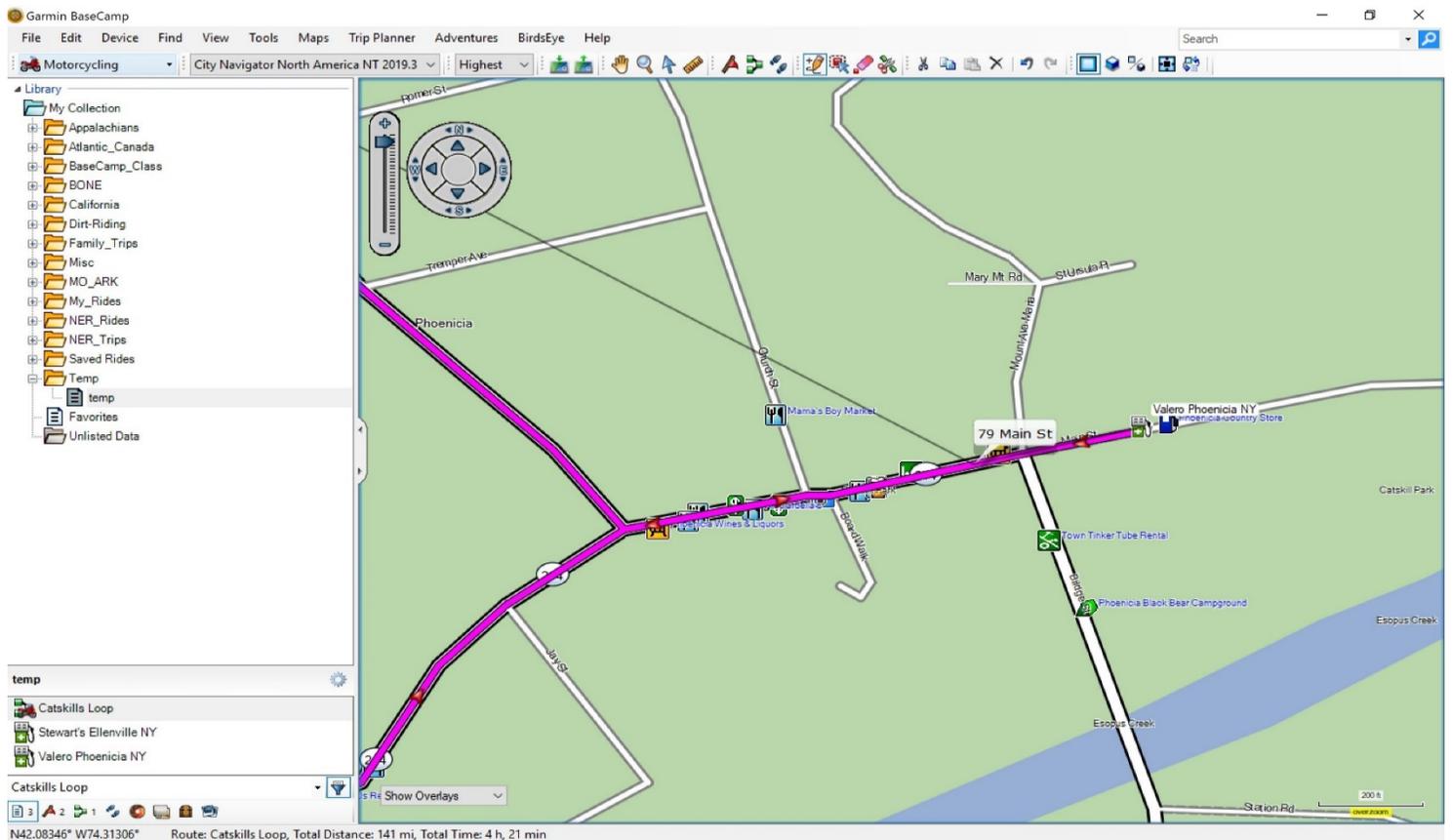


Figure 61: 20 Minute Layover

The little spur ride into Phoenicia is a short detour and then a turn-around back to NY 214. I have found that some GPSes drop these U-Turn points. I have learned to add an extra point near the U-Turn so that I am likely to find the stop even if the waypoint is dropped (Figure 62).



**Figure 62: Extra Point**

Next, let us add a lunch stop. Double click on the route to open the Route Properties Window. Scroll down and click on a point that we will reach near 12 noon. In my route, that point is 2054 Glasco Tpke (Figure 63). This point is shown by the orange circle on the map. This point is just outside of Woodstock, NY so this town would be a good spot to search.

Move the map to Woodstock and zoom in. Select Find and then Find Places on Yelp (Figure 64). There is a café right on our route named Joshua's with a 4-star review (Figure 65). Let us add this as our lunch stop.

Click on the red waypoint flag icon in the Yelp Joshua's Window (Figure 65) to add Joshua's Café to the map and to the Temp List (Figure 66).

Click on the Joshua's Café name in the Joshua's Café Window (or the name in the Temp List) to open the Joshua's Café Waypoint Properties Window (Figure 67). Change the name to Joshua's Café Woodstock NY and change the icon to the restaurant icon (Figure 67).

Close the Waypoint Properties Window. Close the Yelp Search Window.

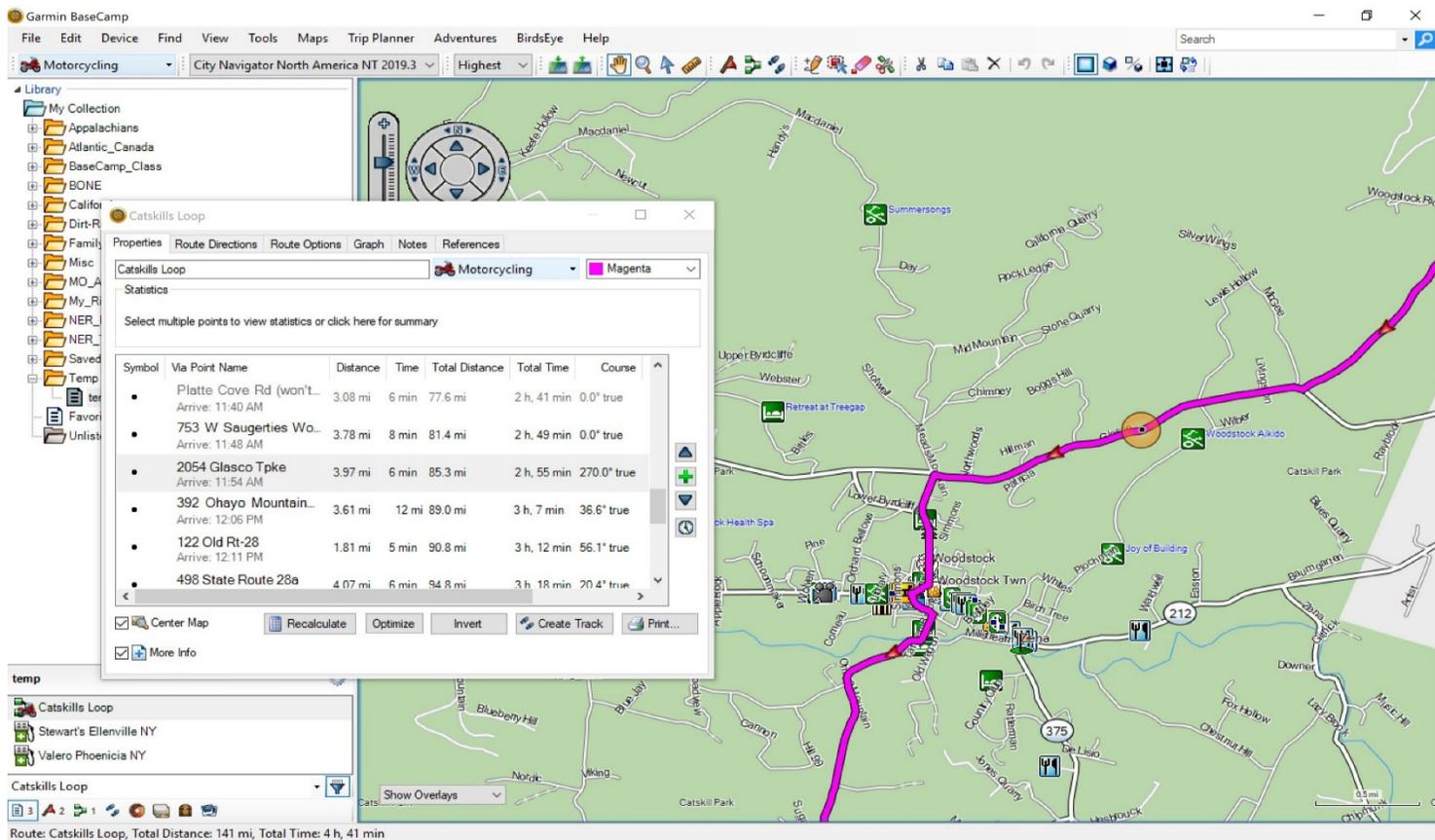


Figure 63: Lunch Time

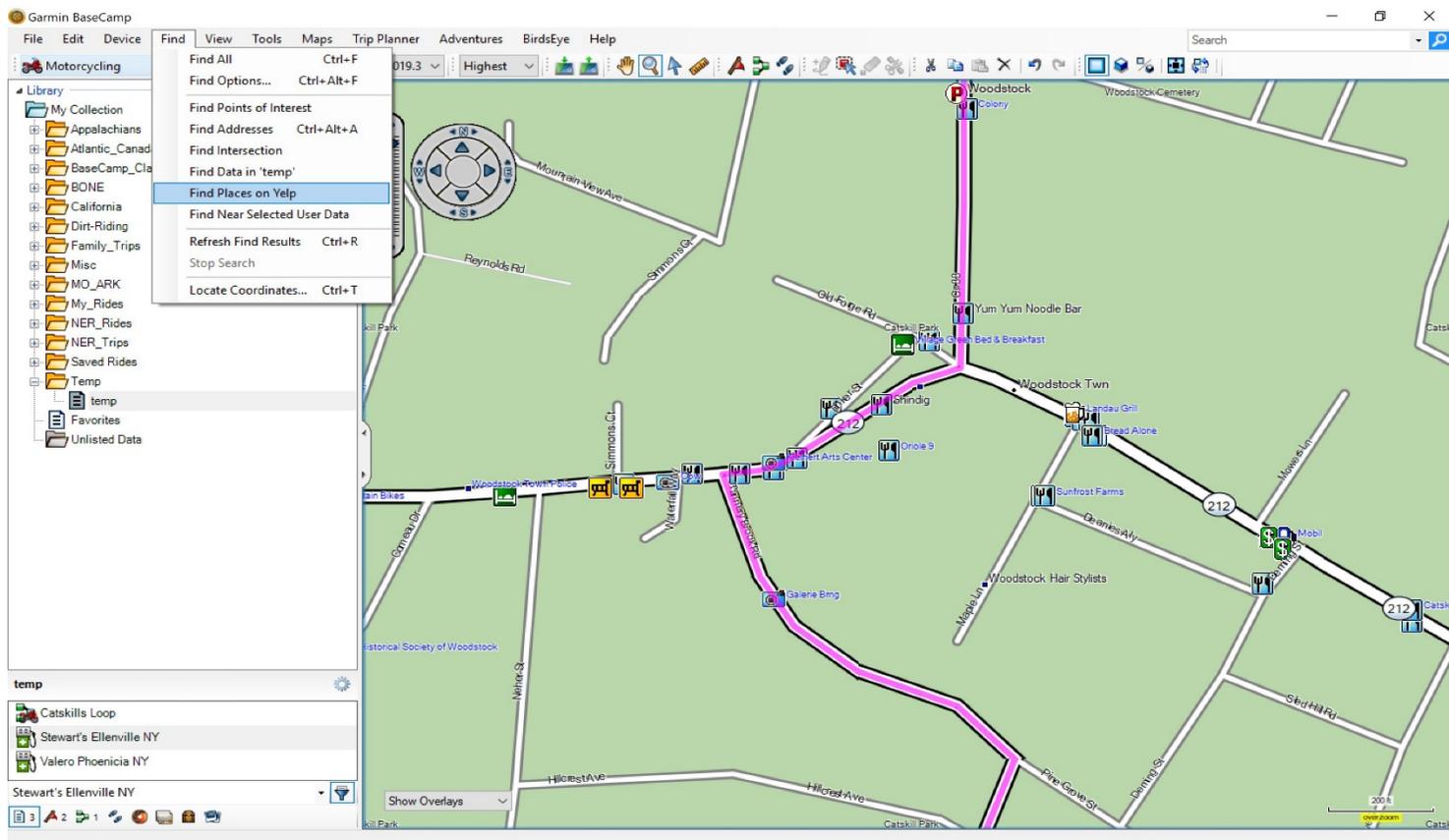


Figure 64: Search Yelp

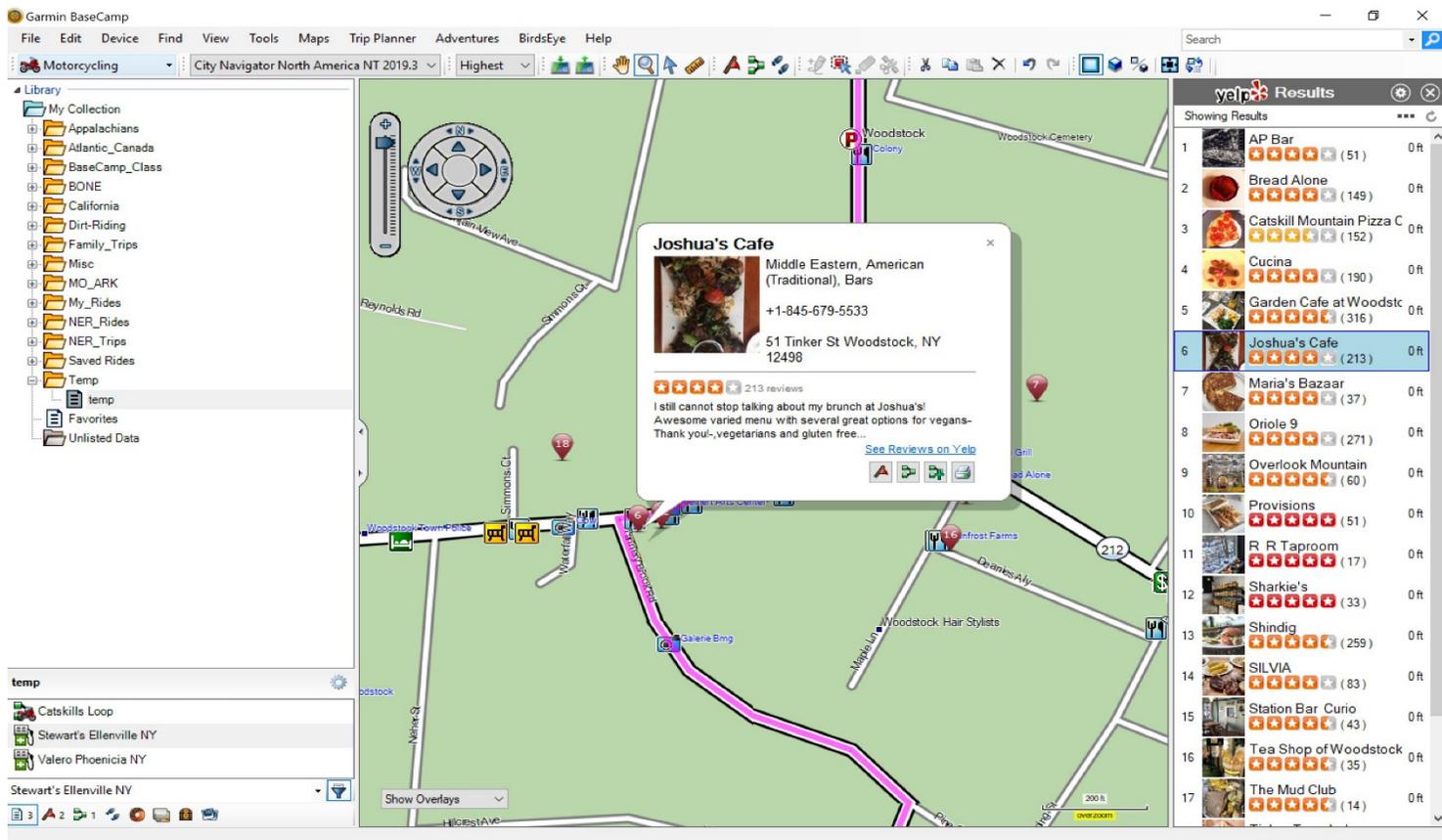


Figure 65: Joshua's Café

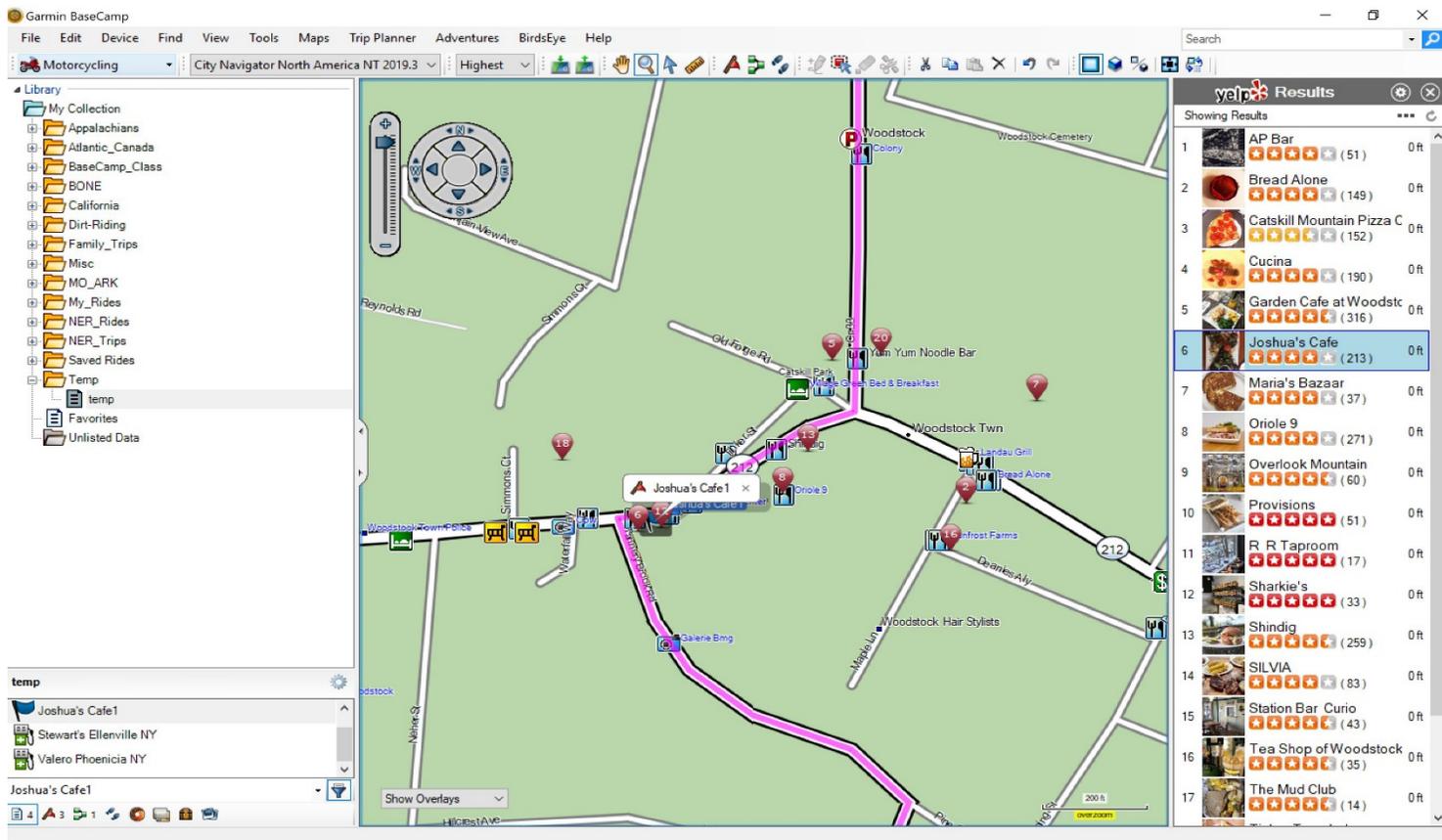


Figure 66: Joshua's Yelp Window

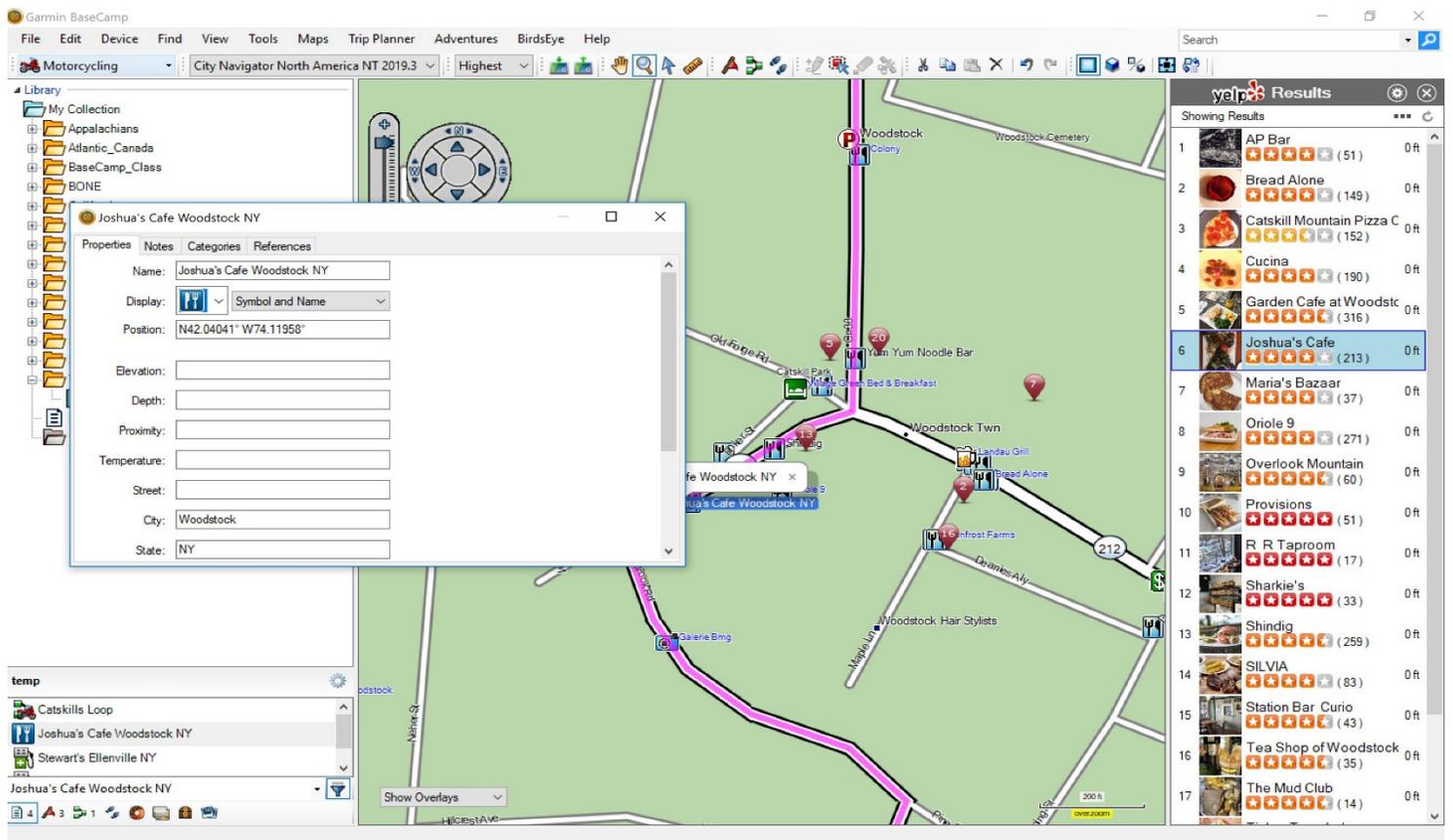


Figure 67: Name Joshua's Cafe Woodstock, Change Icon

Joshua's Café Woodstock NY is added to our map and our Temp List, but is not yet part of the Route. To add it to the Route, make sure that the route is selected by double clicking it (or its name in the Temp Window). When the route is selected, it turns a deeper magenta color and the Insert Tool becomes available. Select the Insert Tool  (or press I on your keyboard) - your cursor will change to a pencil with a plus sign. Hover the Insert cursor over the magenta route near the Joshua's Café Woodstock NY Waypoint. Keep your cursor in the same spot and press the left mouse button. A thin snap line should appear as shown in Figure 68 below. Move your cursor (and the snap line) to the Joshua's Café Woodstock NY Waypoint until the Joshua's Café Woodstock NY Waypoint Flag appears. Press the left mouse button and the Joshua's Café Woodstock NY waypoint will be inserted into the route (Figure 69). Press the Esc key to get rid of the snap line.

Double click on the Magenta Route to open the Route Properties Window. Double click on the Joshua's Café Woodstock NY stop to open the Edit Via Point Window (Figure 70). Check Departure and select Layover Time. Input a 1:20 layover time and select OK. Recalculate the Route and BaseCamp will compute arrival and departure times (Figure 71).

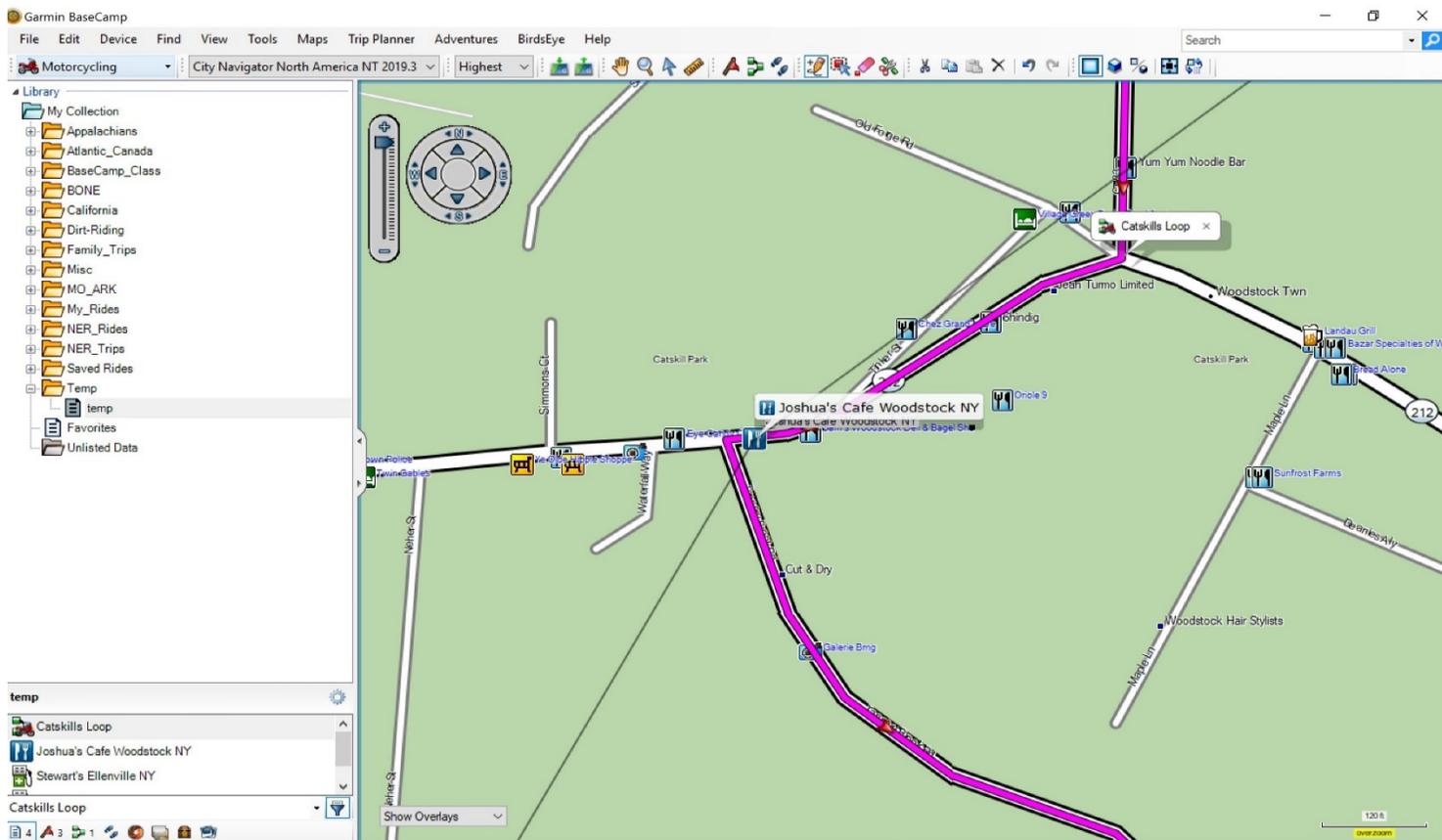


Figure 68: Snap Joshua's To Route

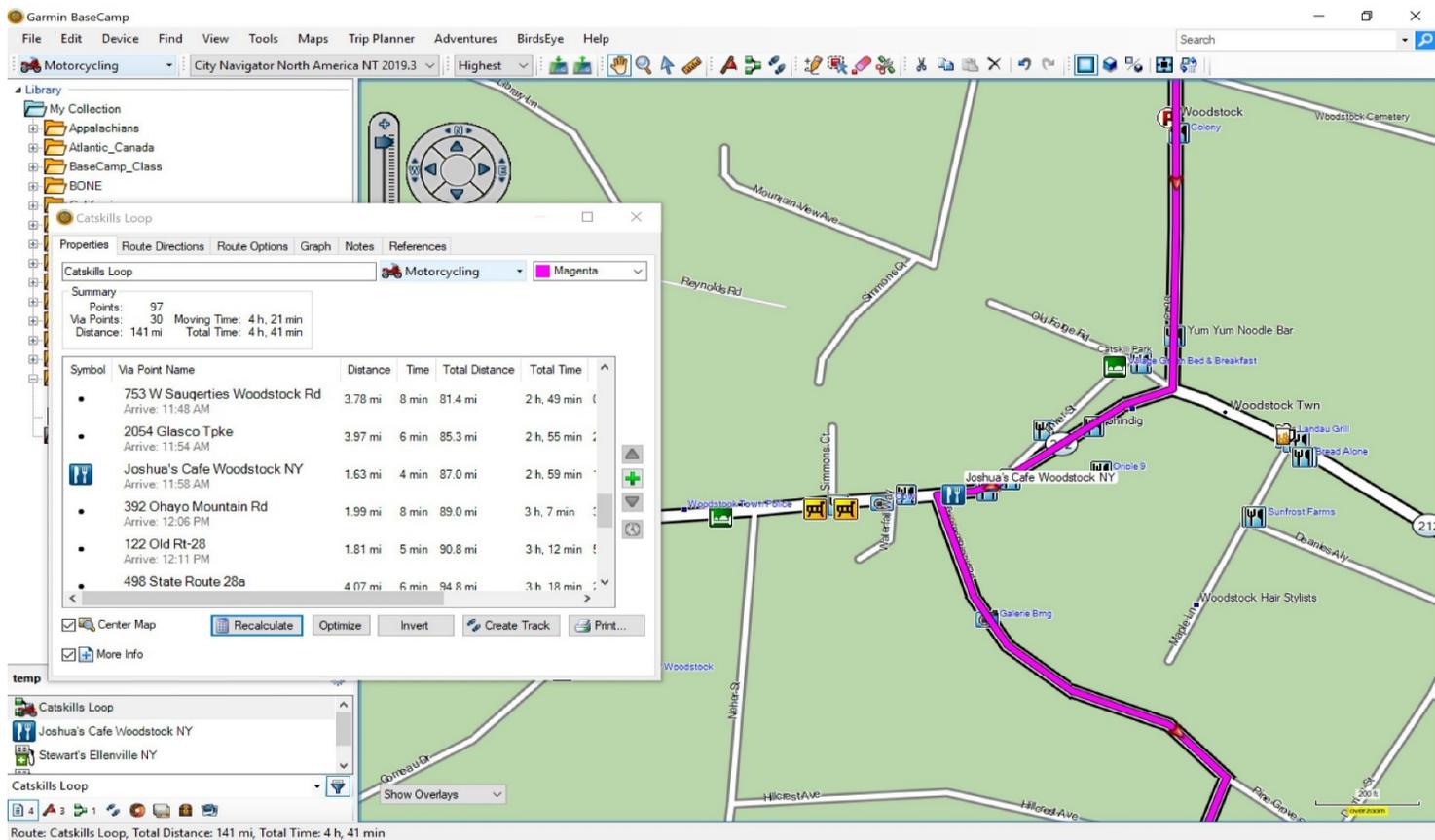


Figure 69: Joshua's Now Part of Route

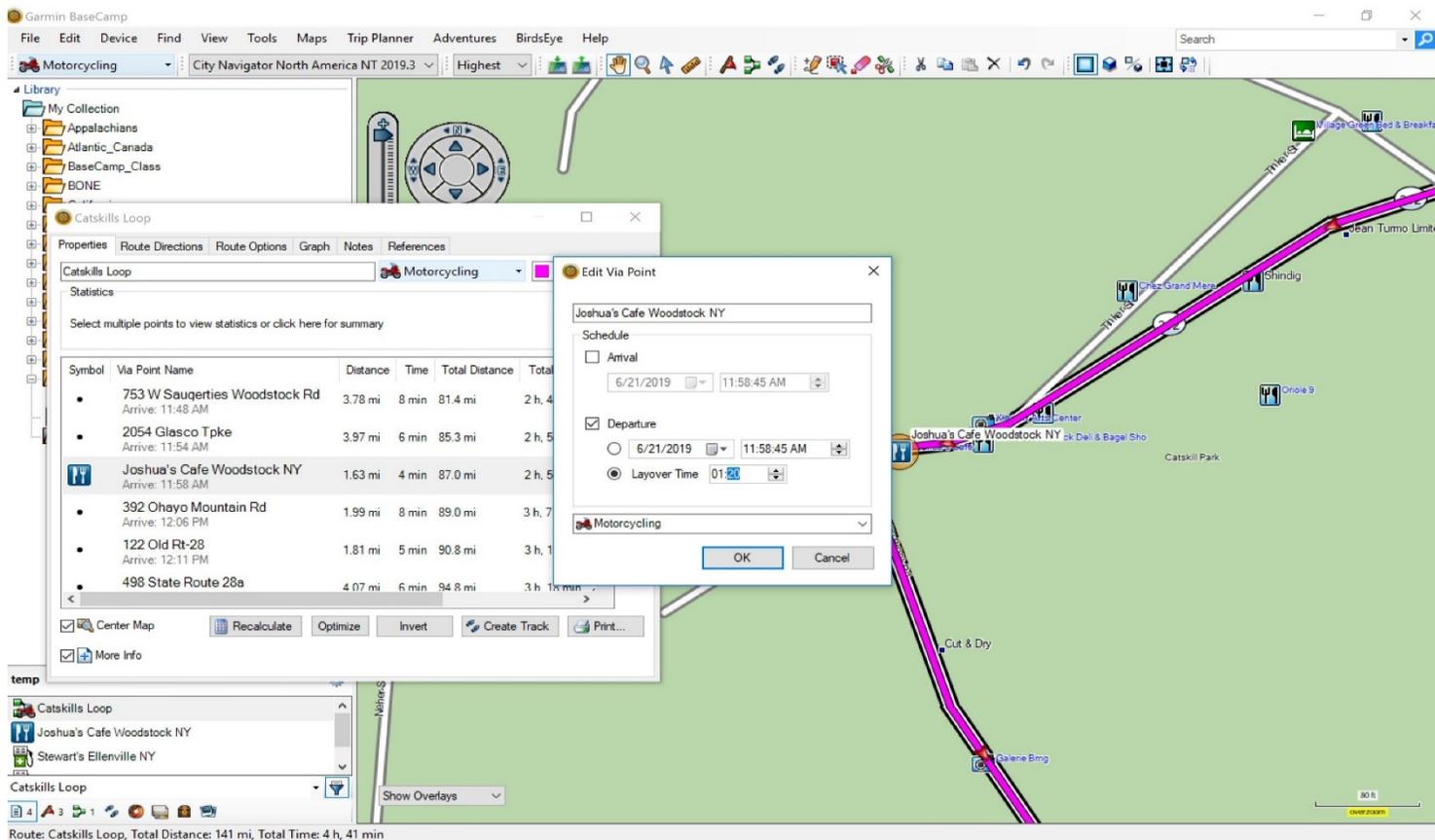


Figure 70: 1:20 Layover

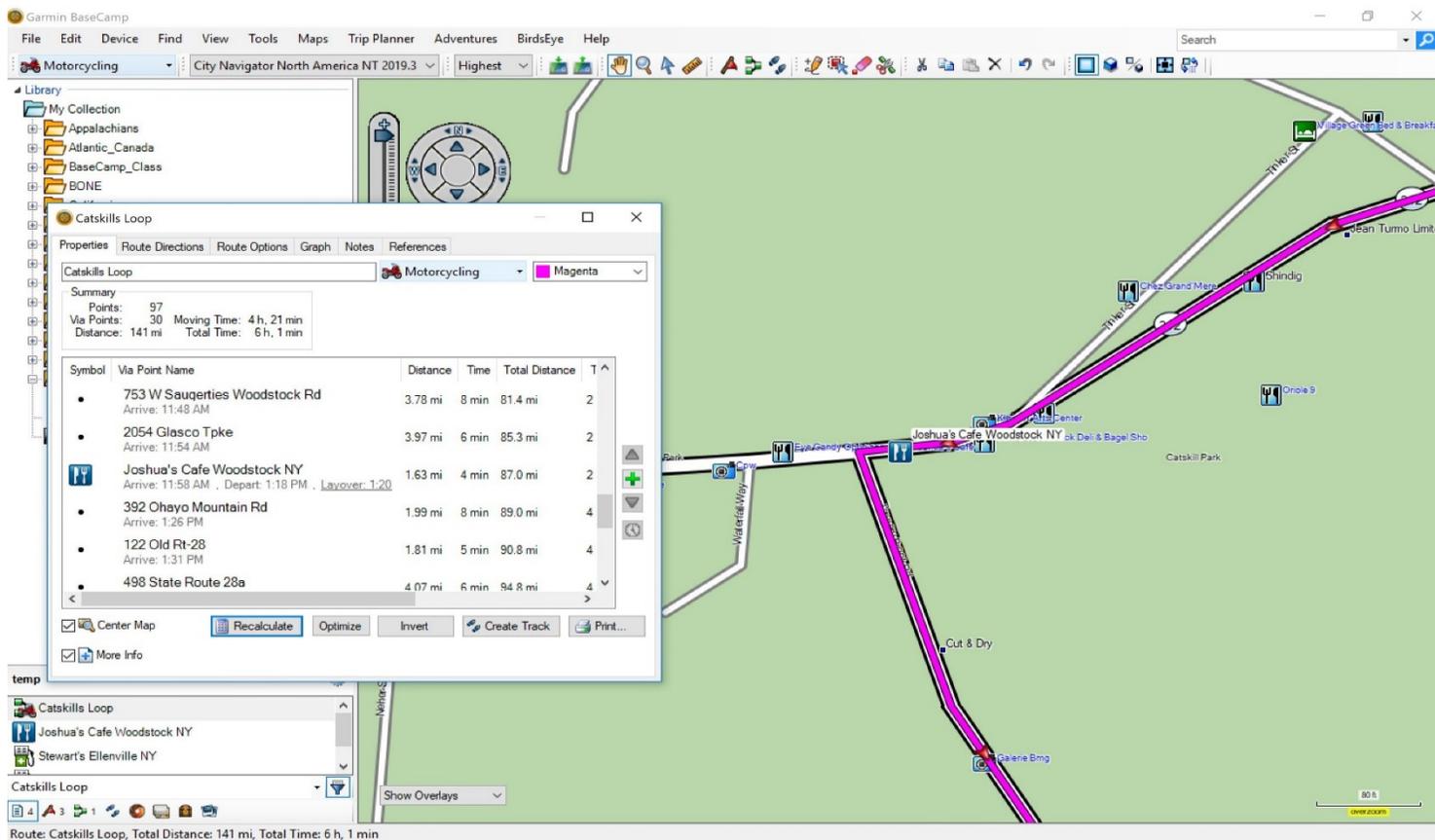


Figure 71: Depart 1:18

Scroll to the bottom of the Route Properties Window to see that BaseCamp estimates that we will finish the Route at 3:01 (Figure 72). Actual times depend on the speeds set in your BaseCamp Routing Options.

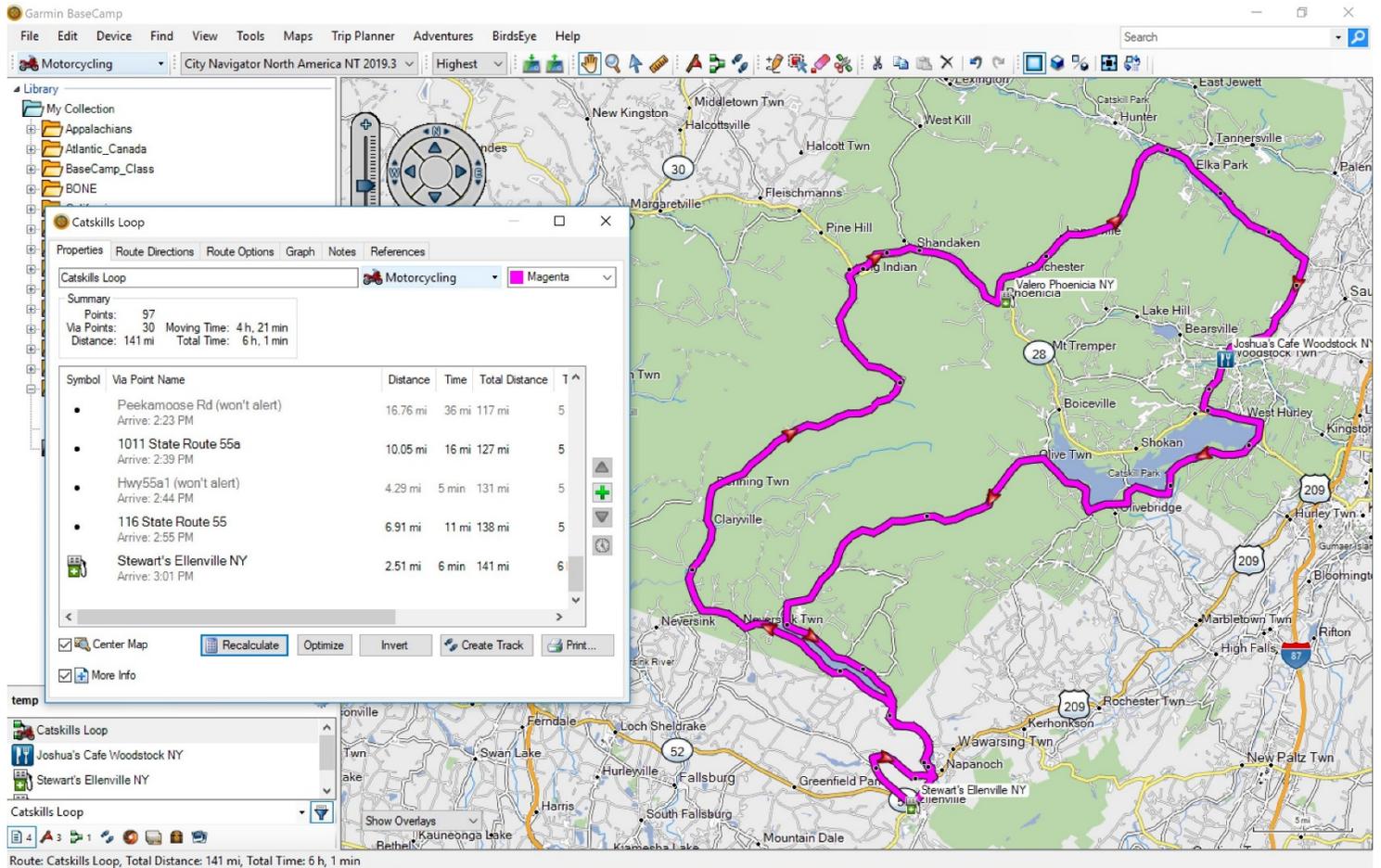


Figure 72: Return 3:01

\*\*\* Only do this next step if you have a newer Garmin GPS with Trip Planner (zumo XT, zumo 595 series, zumo 396 series, Nav 6, Nav 5, etc.) Skip this step if you have an older GPS without Trip Planner (zumo 660 series, zumo 550 series, etc.) \*\*\*

Converting non-essential points to shaping points prevents GPSes with Trip Planner from breaking up large Routes into smaller ones. An added bonus is that shaping points will not announce so your audio will not be interrupted.

For our purposes, we will convert all points to shaping points except the ride start, the ride end, the gas stop, and our lunch stop. All other points do not need to announce.

Select one or more points in the Route Properties Window. Click the right mouse button and select "Don't Alert on Arrival (shaping point)" (Figure 73). Repeat for all non-essential points (Figure 74).

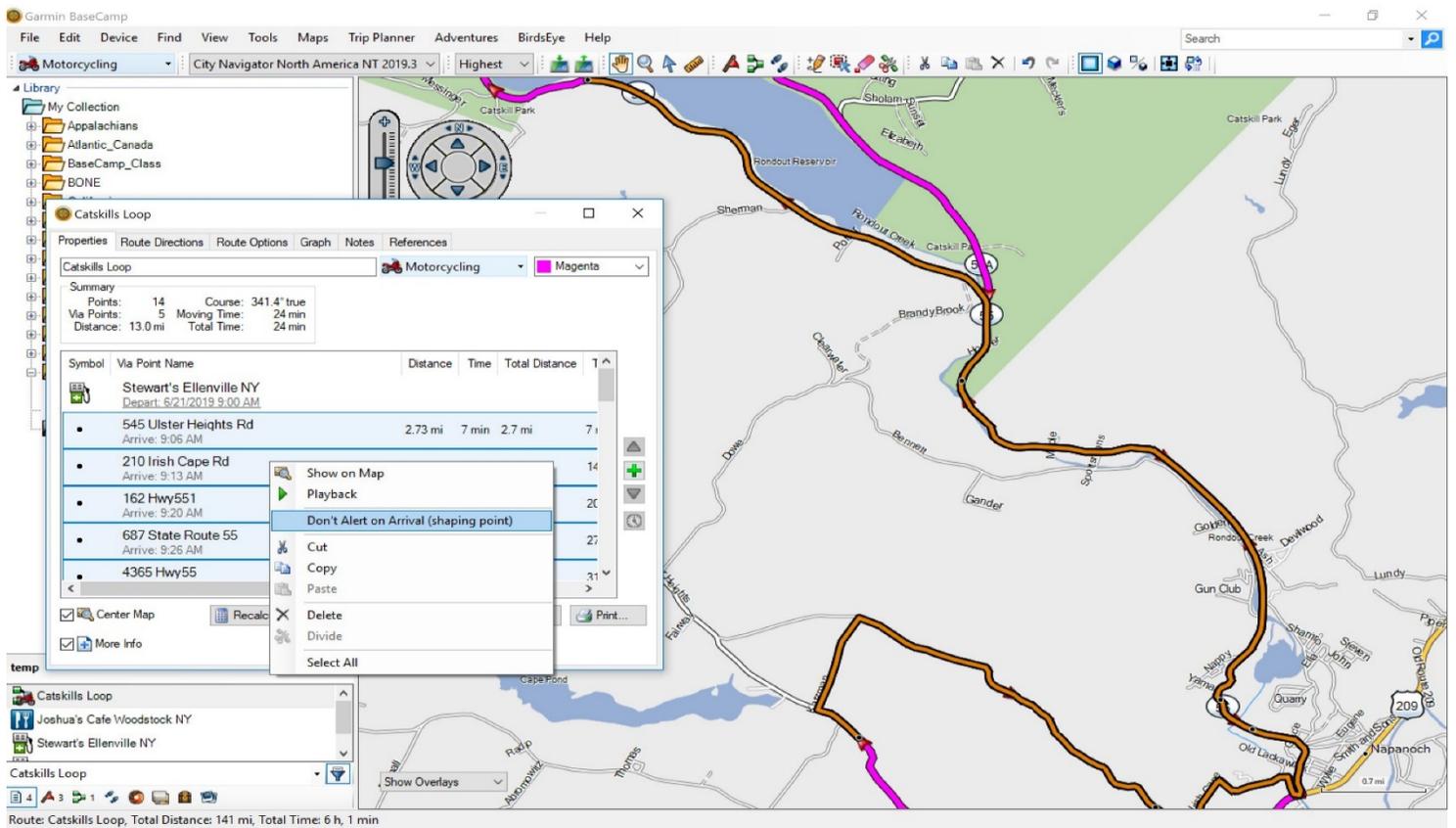


Figure 73: Change to Shaping Points

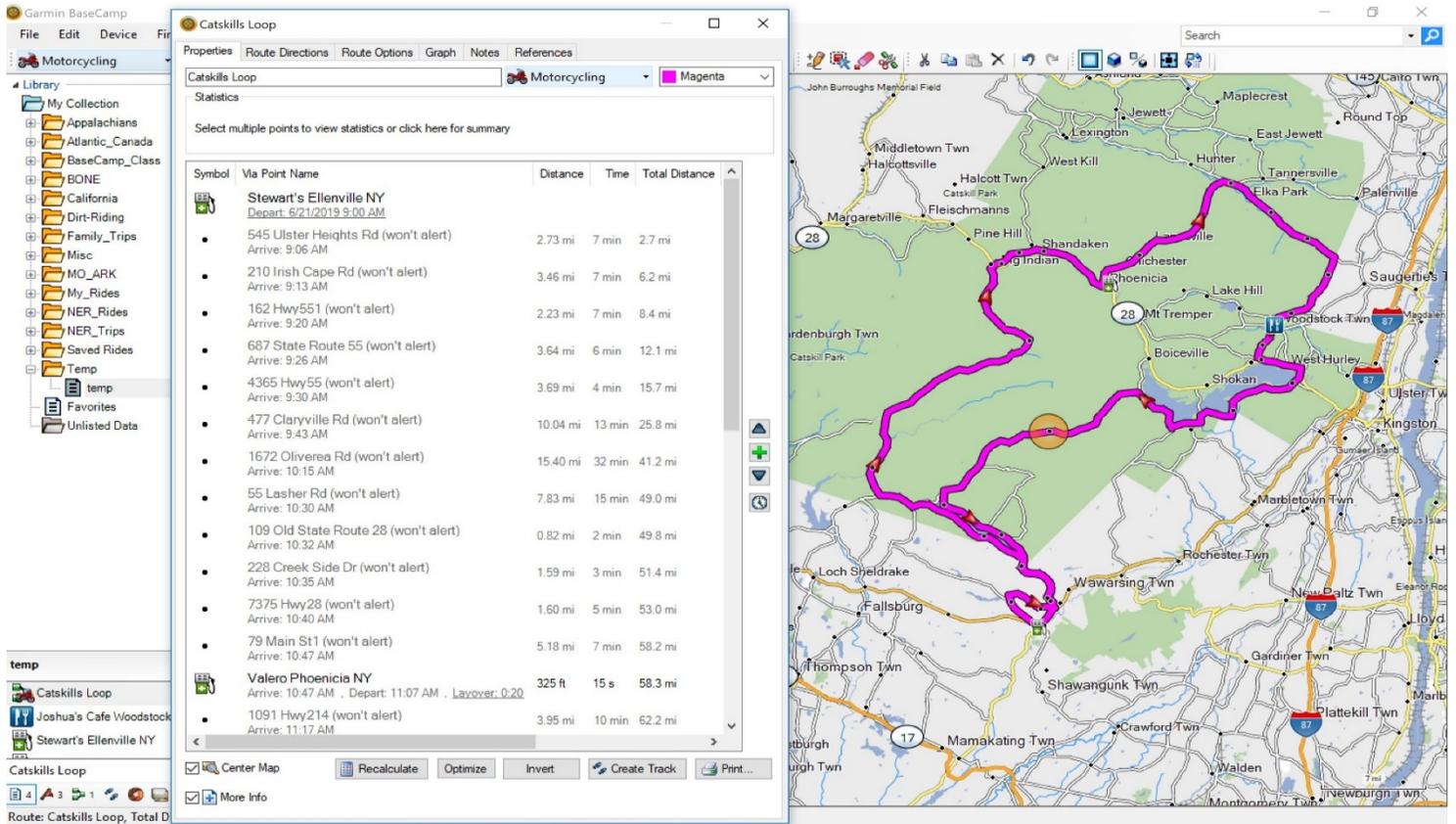


Figure 74: All non-essential points converted to shaping points

Back to the example.

Let us check the placement of all route points to make sure that they were properly placed on the road.

Zoom in to maximum zoom using the BaseCamp zoom slider. Click on the Start Point in the Route Properties Window (Stewart's Ellenville NY). The map will move to point #1 and an orange circle will highlight the point (Figure 75).

Move and/or resize the Route Properties Windows if you are having trouble seeing the route points on the map. The window can be moved by putting the cursor in the window header, clicking and holding the left mouse button, and then moving the cursor. It can be resized by moving the cursor to the very edge of the window until your cursor changes to a double-sided arrow icon.

Using the down arrow key on your keyboard, step down to route point #2 (Figure 76). This point should be on the road and not beside the road. If the point is not on the road, use the move point tool  to move the point to the road.

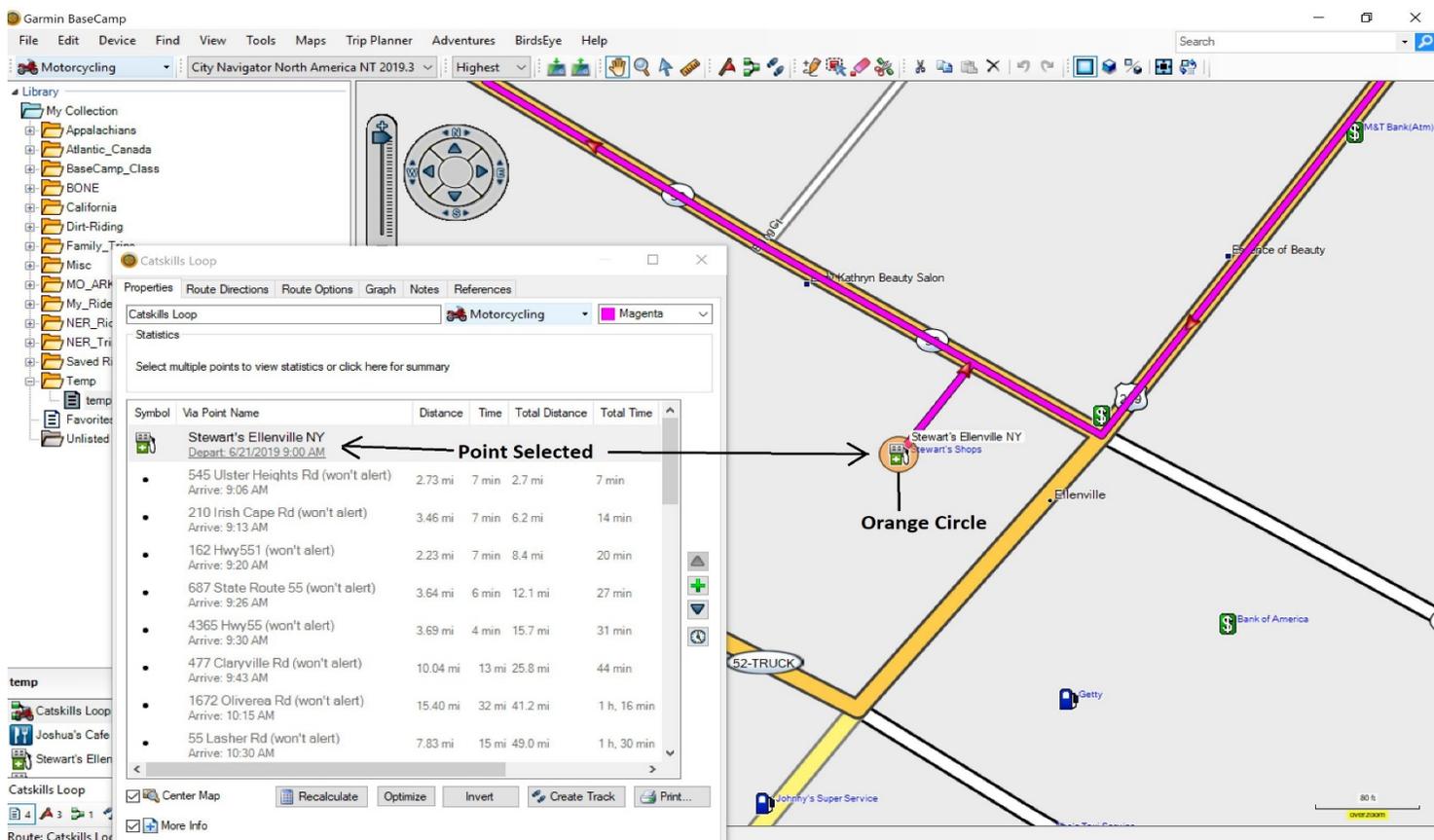
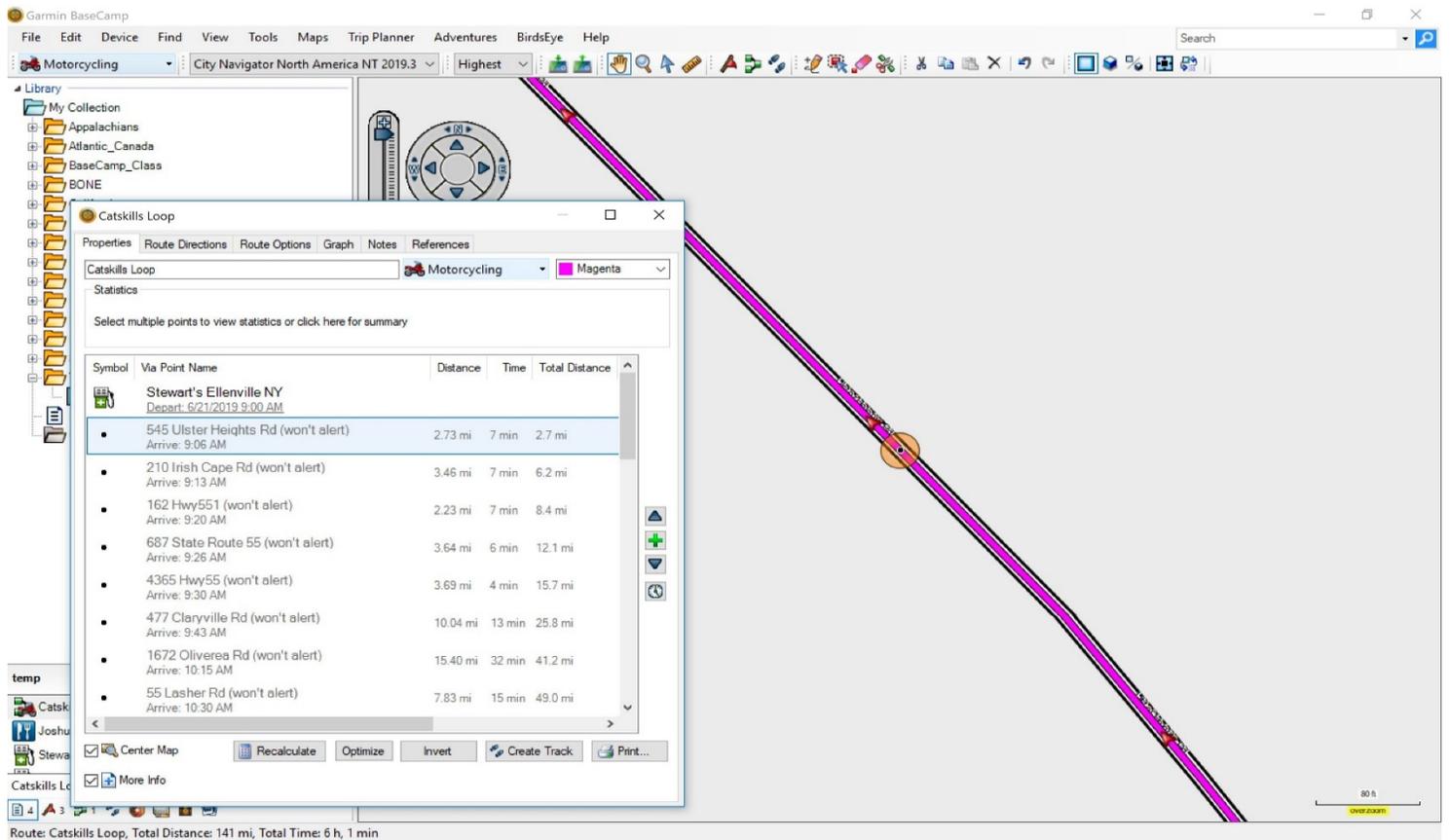


Figure 75: Check Point 1



**Figure 76: Check Point Placement**

Finish stepping through all the points in the Route Properties Window and moving them on to the road if needed. Click the Recalculate button to re-draw the Route. You should get about 141 miles (Figure 77).

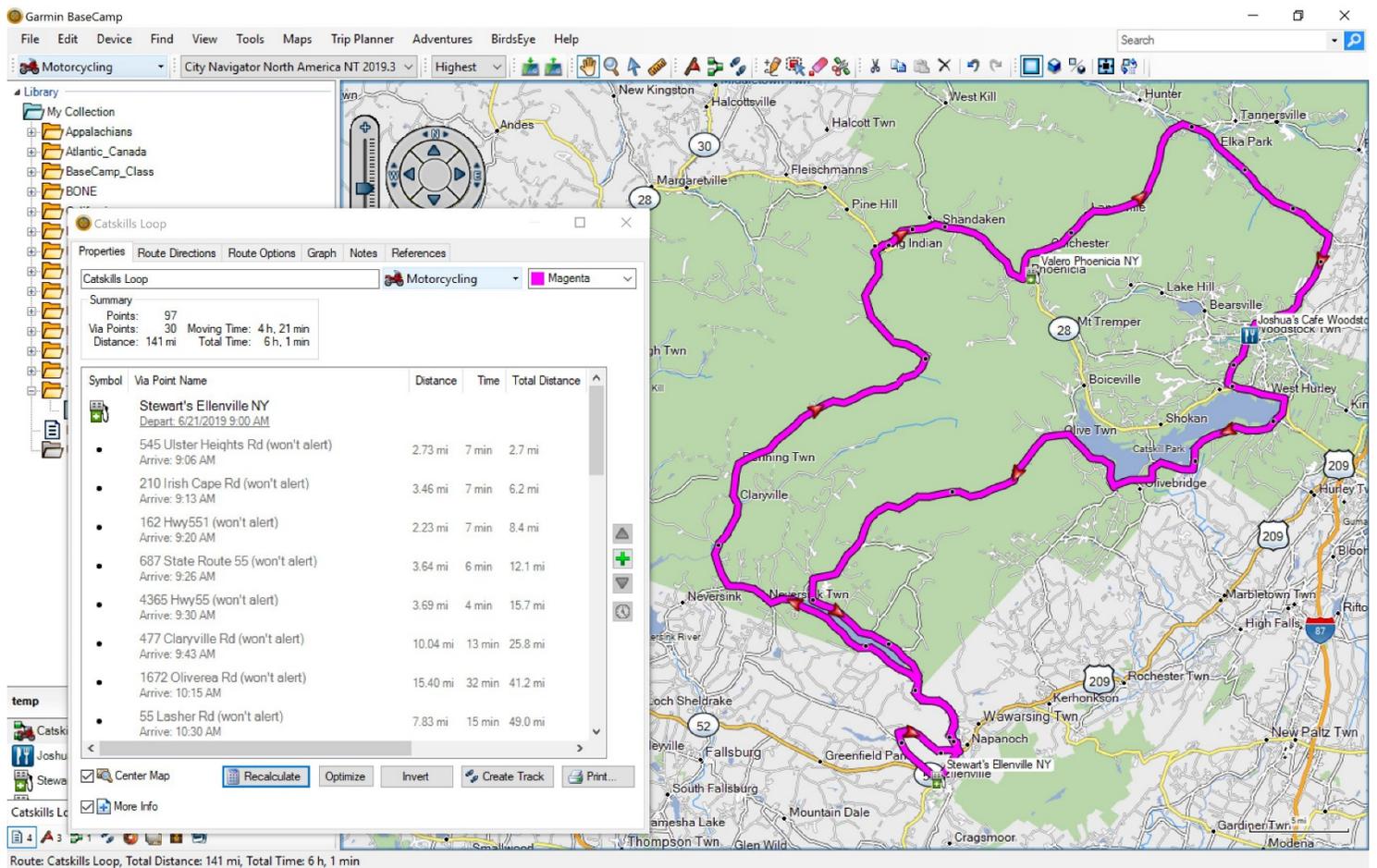


Figure 77: Final Route

Connect your GPS to your computer using the USB cable that came with the GPS. Sometimes you have to unplug the USB cord and plug it in again in order for your GPS to be recognized. When recognized, a Devices area will appear below your Library as shown in Figure 78 below. Drive Content Window(s) may open showing your GPS internal memory (D:) and your Memory Card (E:) if you have one. In the Devices area, folders for the GPS internal memory, the map on the GPS, and the Memory Card appear as seen in Figure 78.

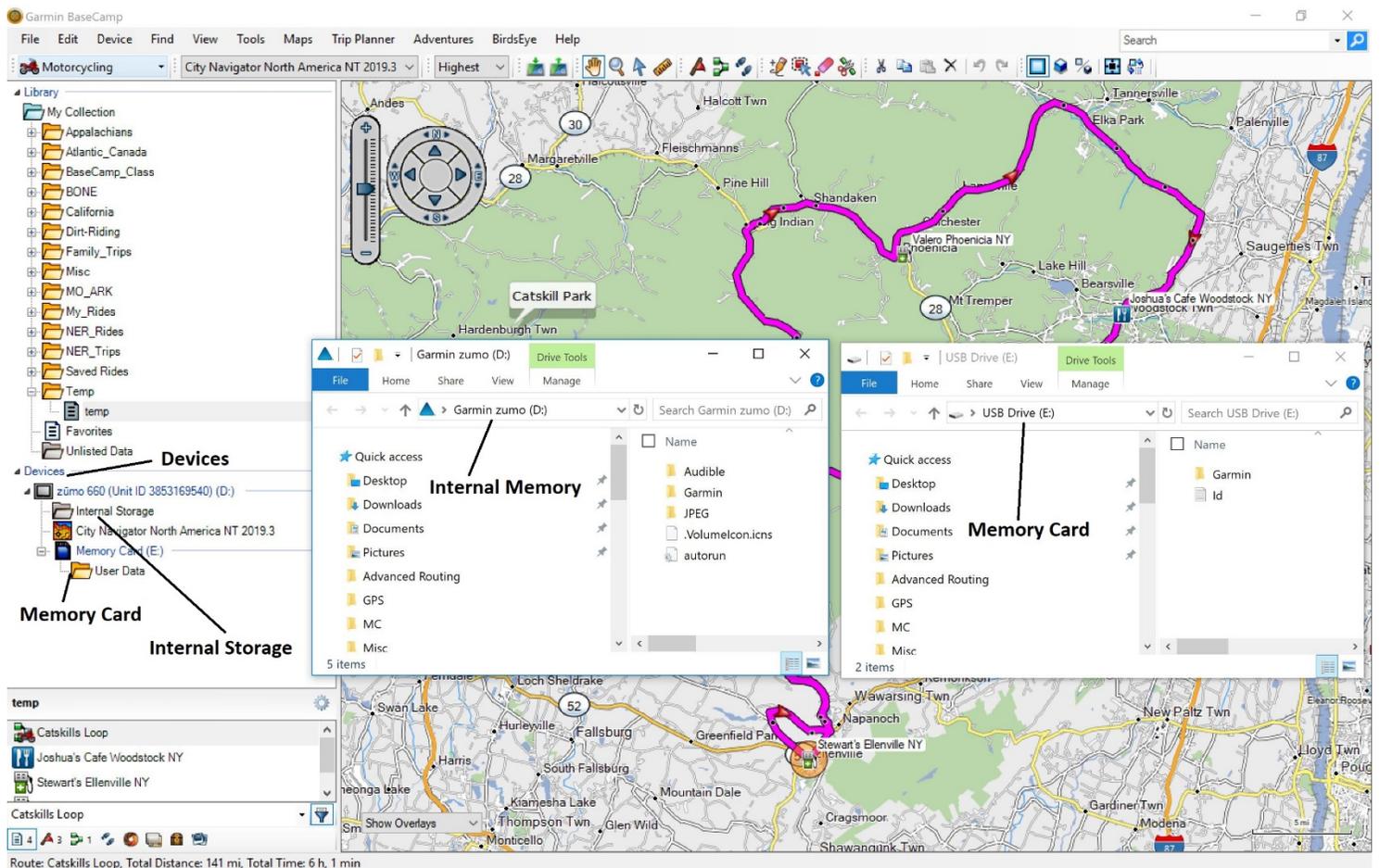


Figure 78: GPS Connected

Transferring files in BaseCamp is very easy. It is simply drag and drop. Select the Temp folder in My Collection so Temp shows in the lower pane section under the Devices pane. Scroll through the files in Temp until you find the route Catskills Loop. Select the route by moving the cursor to the route name in the Temp area and pressing the left mouse button (the name will be highlighted in blue as it is in Figure 78. Hold down the left mouse button and drag the route to the User Data folder of the Memory Card shown in the Library and Devices area of BaseCamp. If you have no memory card (SD card), then drag it to the Internal Storage folder instead. (We could have transferred the route by using the send tool  in the toolbar or by going to the menu and selecting Device>Send to Device, but dragging and dropping is easier.)

Unplug your GPS. If you transferred your route to your Memory Card, your GPS will probably give a message similar to: New User Data detected. Import now? Select Yes. Select Routes. Select Catskills Loop and press Import. The route should upload to the GPS. Remember, what actually uploaded was a series of points. You need to recalculate the route on the GPS in order for it to conform to the map on your GPS.

Select Where To? from the GPS main screen. Select Custom Routes (or Routes) and then select Catskills Loop (On Zumo 590s select Apps>Trip Planner). Recalculate the route by clicking Edit and then Recalculate and then Faster Time. Select OK to recalculate the route. (On Zumo 590s to recalculate a route select the route in Trip Planner Select the TriBar Icon in the lower right of the screen, Scroll down and tap Route Preference >Faster Time>Save). The Route should be around 141 miles.

Clean up BaseCamp by moving everything from the Temp List to a BaseCamp\_Class list that we will quickly create. Go to the BaseCamp\_Class List Folder in My Collection. Press the right mouse button and select New List. Name the list BaseCamp\_Class. Select everything in the Temp List by selecting the first item, scrolling down to the last item using the slider bar, and then selecting the last item while holding down the shift key. Once all items are highlighted, press the left mouse button and drag all items into the newly created BaseCamp\_Class List.

\*\*\*Note: Removing an item from a folder (Edit>Remove or right mouse button>Remove) removes it from that folder, but retains it in My Collection. Deleting an item from a folder (Edit>Delete or right mouse button>Delete) permanently deletes it from every list in BaseCamp. \*\*\* Best practice is to NEVER delete an item from a list. Instead, REMOVE it from the list. If the item is not used in any other lists, it will be moved to the Unlisted folder, from which you can safely delete it.

Go to the Unlisted Data folder in My Collection and delete any unlisted data.

You now have a clean Temp List to use for your next route.

What do you do if the route mileages in BaseCamp and on the GPS do not match? This can happen from a few causes:

- The settings and avoidances selected in BaseCamp and your GPS do not match. I like to have all avoidances turned off and the route preferences set to Faster Time.
- The map detail on your BaseCamp and your GPS are not set to highest detail.
- The maps used in BaseCamp and on your GPS are not the same.
- Your GPS dropped points when the route was transferred.

The first 3 causes are easily fixed by going back, adjusting the settings, and recalculating the route.

Dropped points require that you compare the route points in BaseCamp with the route points on the GPS (Figure 79). To do this open up the Route Properties Window in BaseCamp and the Route on the GPS. On the GPS select Edit and then select Add or Remove Points. Scroll down the Points list in BaseCamp and on the GPS to see if any

are missing on the GPS. If there is a missing point on the GPS, select the green + icon to add a point at the proper place. Select Browse Map (Figure 80) as the method to add the point. Find the missing point on the map and then press the Select icon to add the point. Select the Next icon to re-draw the Route. Repeat if there are other missing Points.

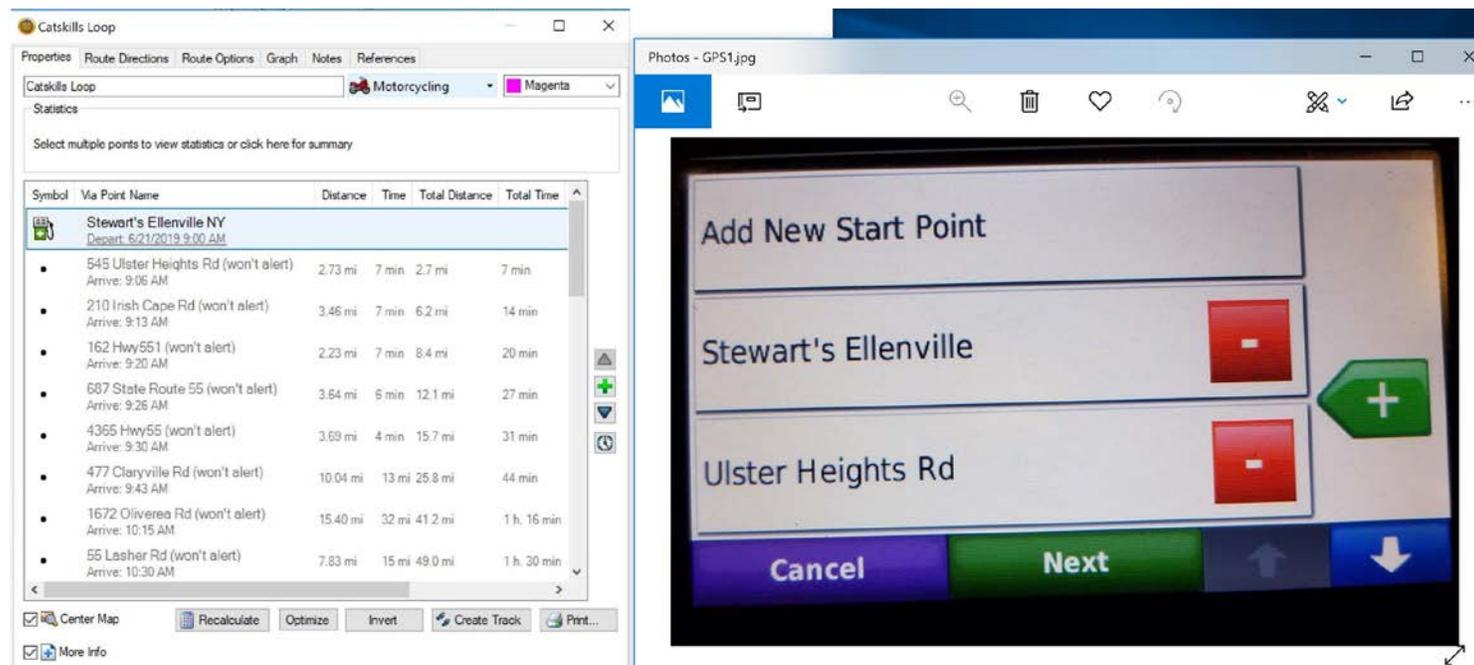


Figure 79: Compare Points

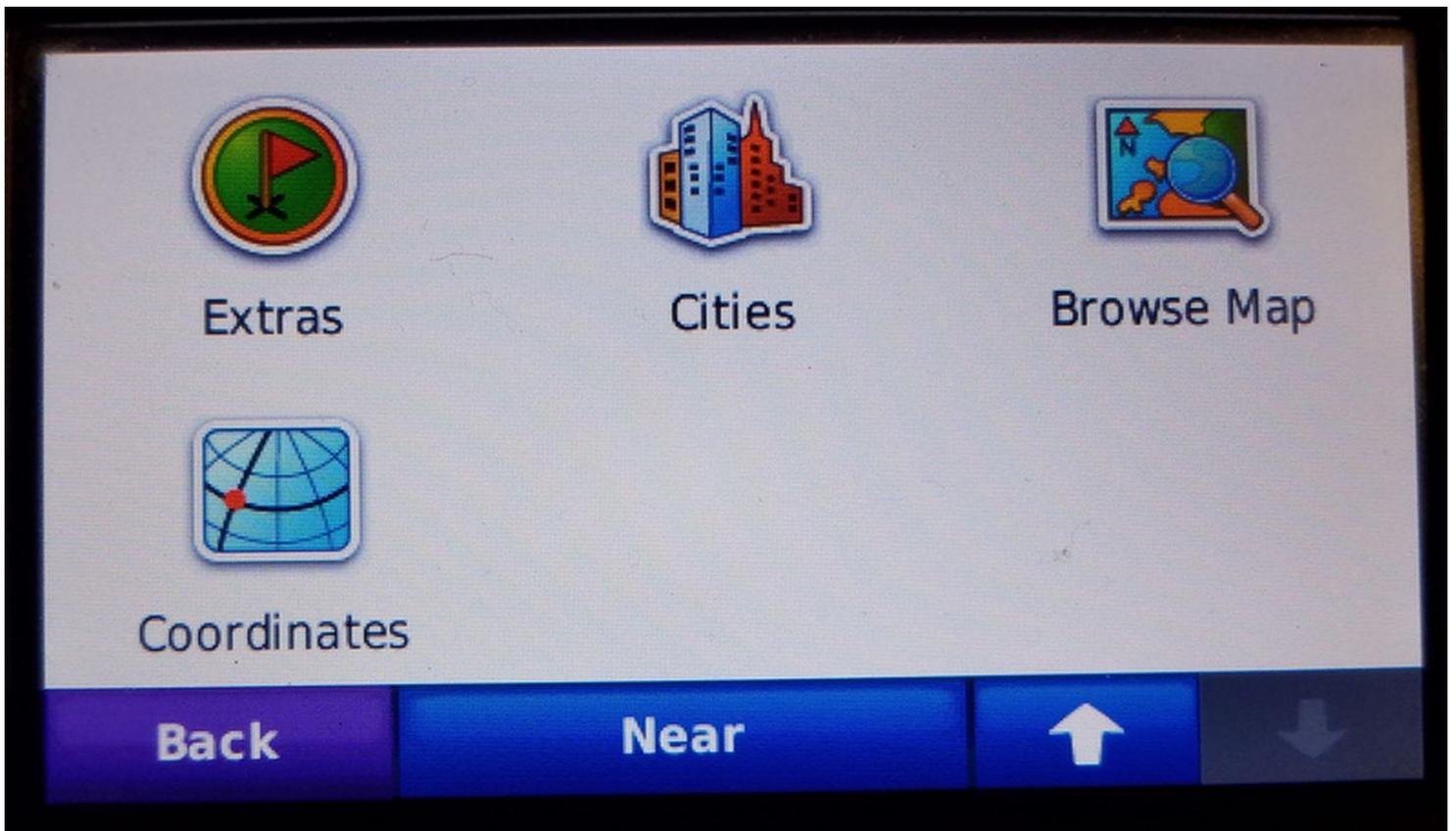


Figure 80: Browse Map

This concludes the BaseCamp Agenda. Stop by New England Riders and ask for help if you need it.

Ed Conde

New England Riders

[www.newenglandriders.org](http://www.newenglandriders.org)

January, 2021

