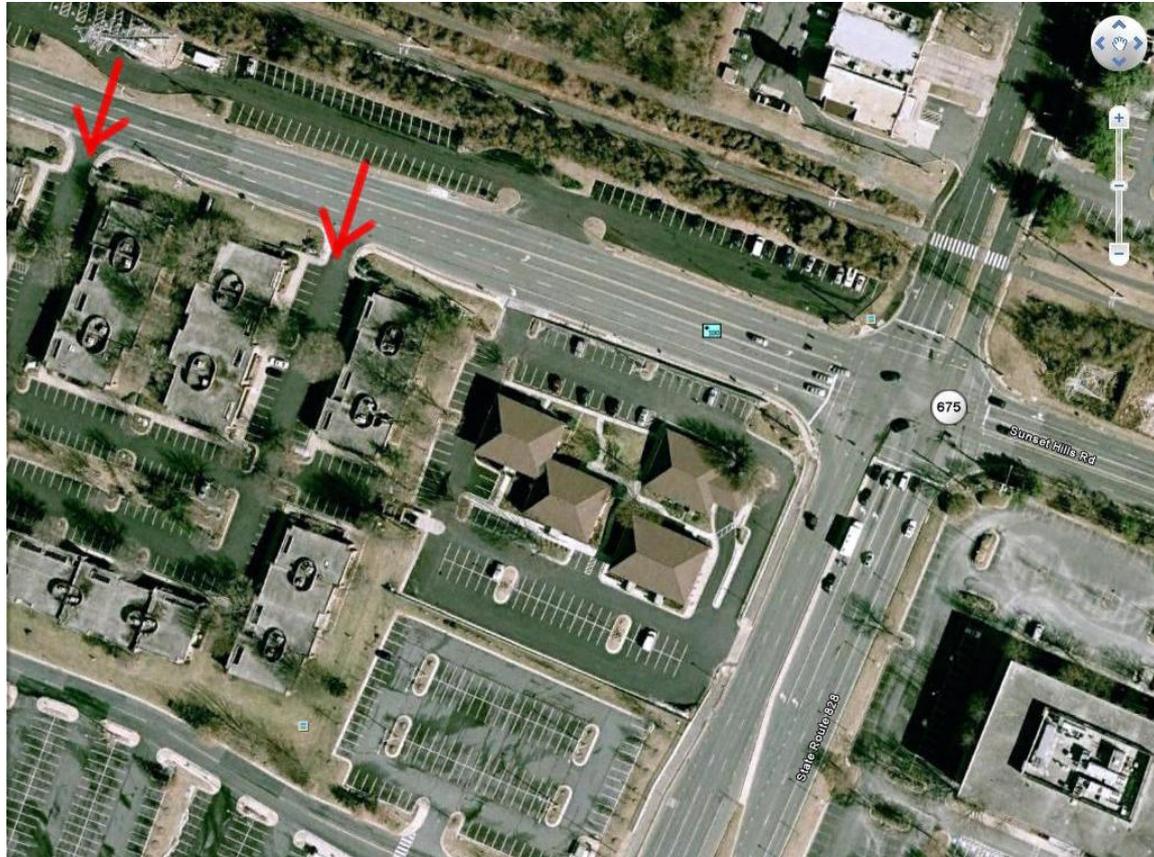


Wiehle Ave. Traffic Concerns

Created by
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There is more traffic at the intersection of Wiehle Avenue and Sunset Hills Road than that intersection can handle. Reducing traffic count through that intersection is key to improving traffic flow. However, improving the efficiency of turn cycles through that intersection will increase the time allotted to through traffic.



**Drivers on Wiehle Ave. turning left onto westbound
Sunset Hills Road avoid the left of 2 turn lanes.**

Westbound vehicles on Sunset Hills Road block the left lane when turning left into businesses south of Sunset Hills Road. Experienced drivers always choose the right lane to avoid backups behind left turners.



Solution: Add barrier and left turn lanes on Sunset Hills Rd.

Block left turns into the eastern entrance to the Sunset Hills Professional Center. Add a left turn lane for the western entrance to the Sunset Hills Professional Center and all other roads west of that entrance. Drivers can then use either left turn lane Wiehle Ave. reducing the time allotted to left hand turns and increasing time for southbound through traffic.

Rush hour buses from south Reston must cross the Toll Road on Wiehle Ave. adding to congestion. Also, buses have no advantage over private vehicles in reaching the Metro Station.



Route rush hour buses through the Commerce Park property.

Keep south Reston rush hour buses off of Wiehle Avenue where possible. Enter the Commerce Park complex and discharge passengers on the southern side of the Metro Station. RIBS buses should continue to follow their regular route. It might also be useful to place bicycle racks here.

Traffic flowing east on Sunrise Valley Drive trying to turn right onto South Lakes Drive backs up for blocks during rush hour.



Vehicles going straight on eastbound Sunrise Valley Drive block right turn vehicles at South Lakes Drive.

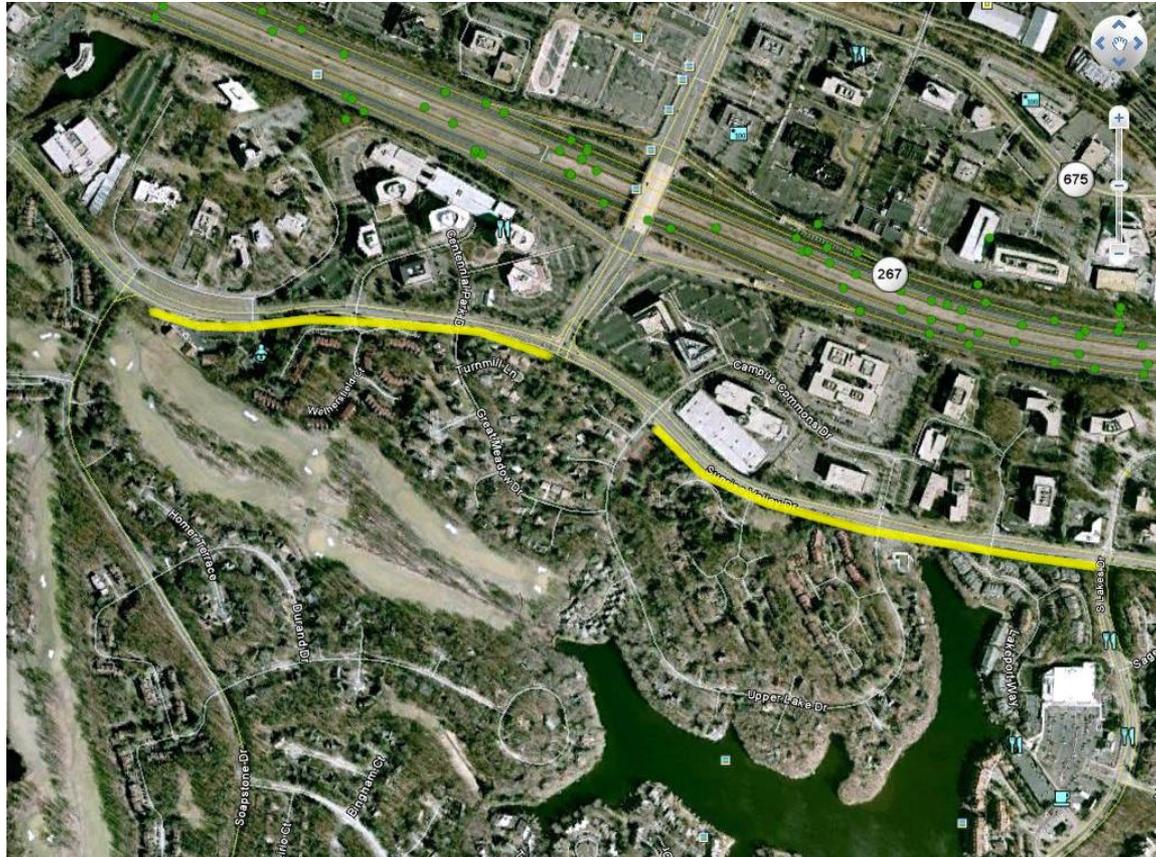
When northbound South Lakes Drive receives a green traffic light it should be possible for eastbound Sunrise Valley Drive traffic to turn right onto South Lakes Drive at the same time. However, vehicles going straight in the right hand of Sunrise Valley Drive block vehicles from making a right turn.



Add a right turn lane on eastbound Sunrise Valley Drive at South Lakes Drive.

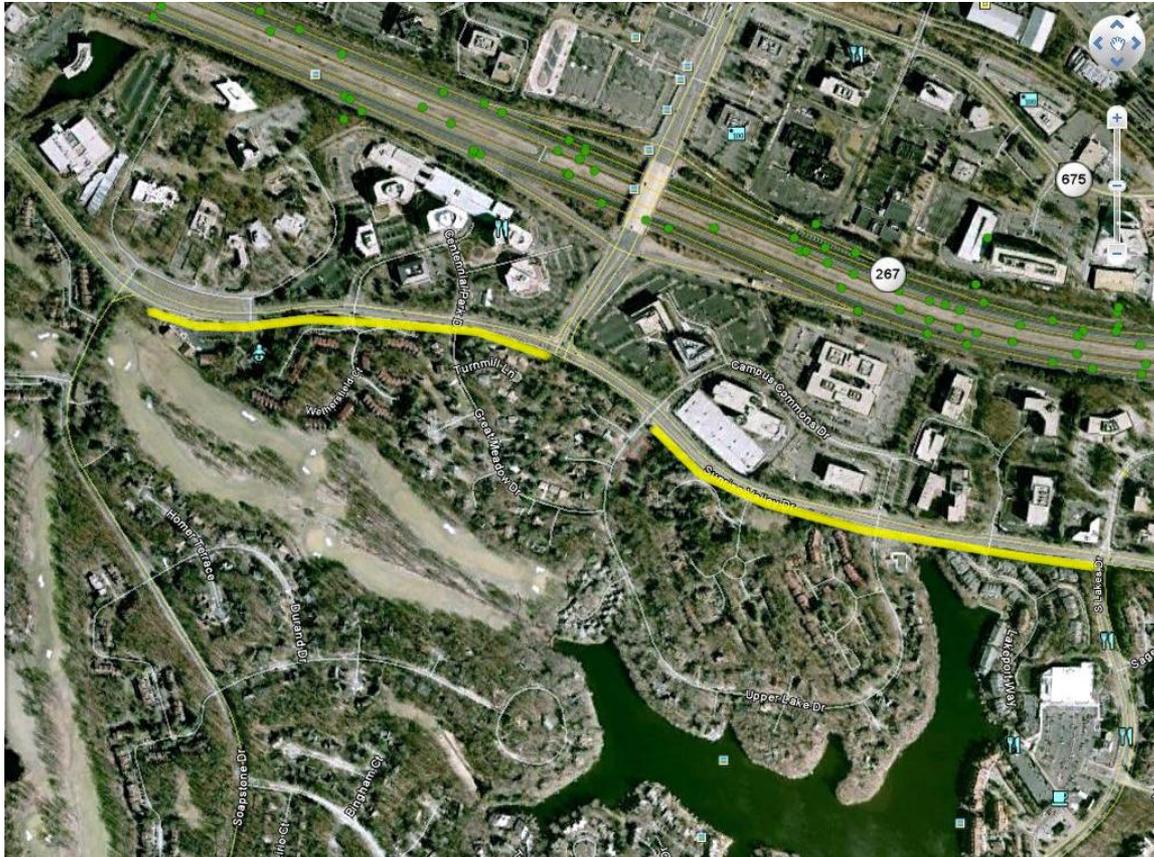
Provide a green right arrow on the traffic signal for eastbound Sunrise Valley Drive when northbound South Lakes Drive receives a green light.

There is no sidewalk on the south side of Sunrise Valley Drive for pedestrians in residential areas to reach the Metro Station.



No sidewalk on southern side of Sunrise Valley Drive.

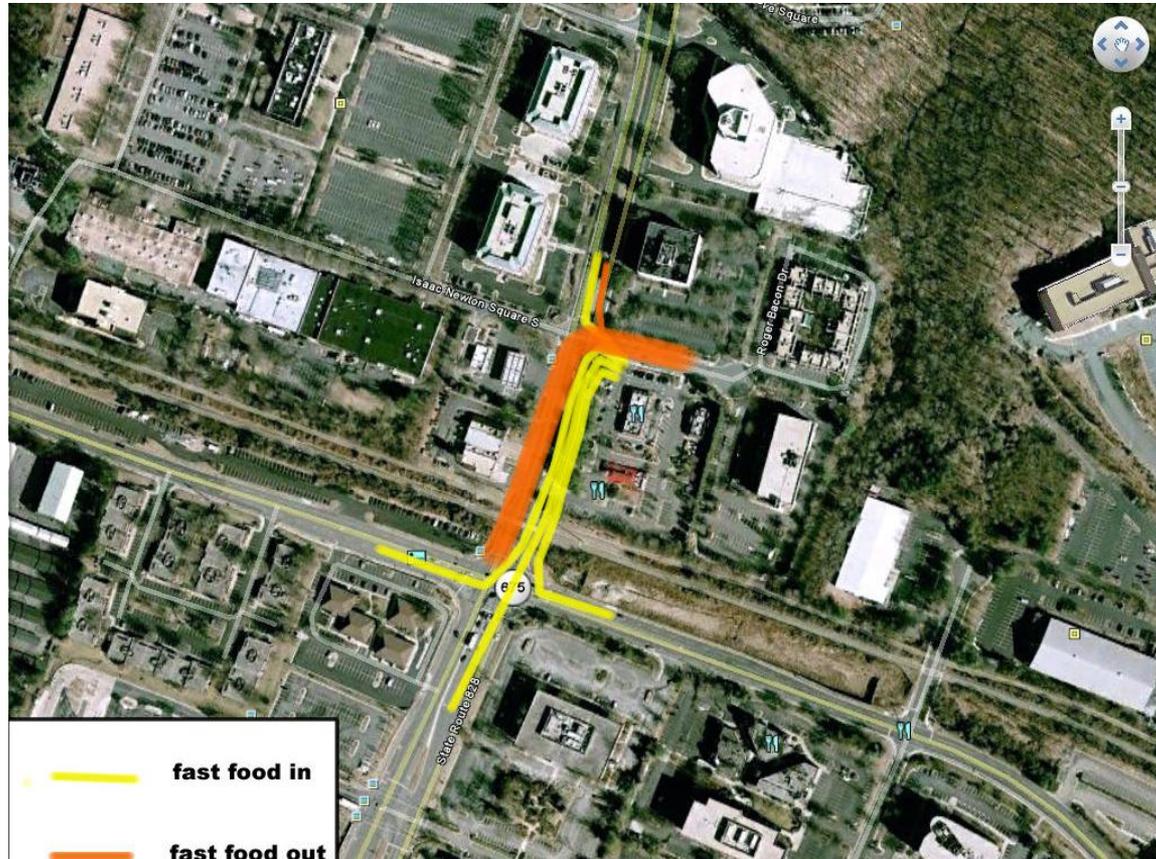
The residences on the southern side of Sunrise Valley Drive have no way to reach crosswalks along Sunrise Valley Drive to walk to the Metro Station



Add a sidewalk on southern side of Sunrise Valley Drive.

Sections where a sidewalk is needed on Sunrise Valley Drive are shown in yellow.

The fast food restaurants near Roger Bacon Drive draw a tremendous flow of vehicles during rush and lunch hours that would not normally use Wiehle Avenue. Moving the restaurants to another location would reduce the flow of unnecessary traffic on Wiehle Avenue.



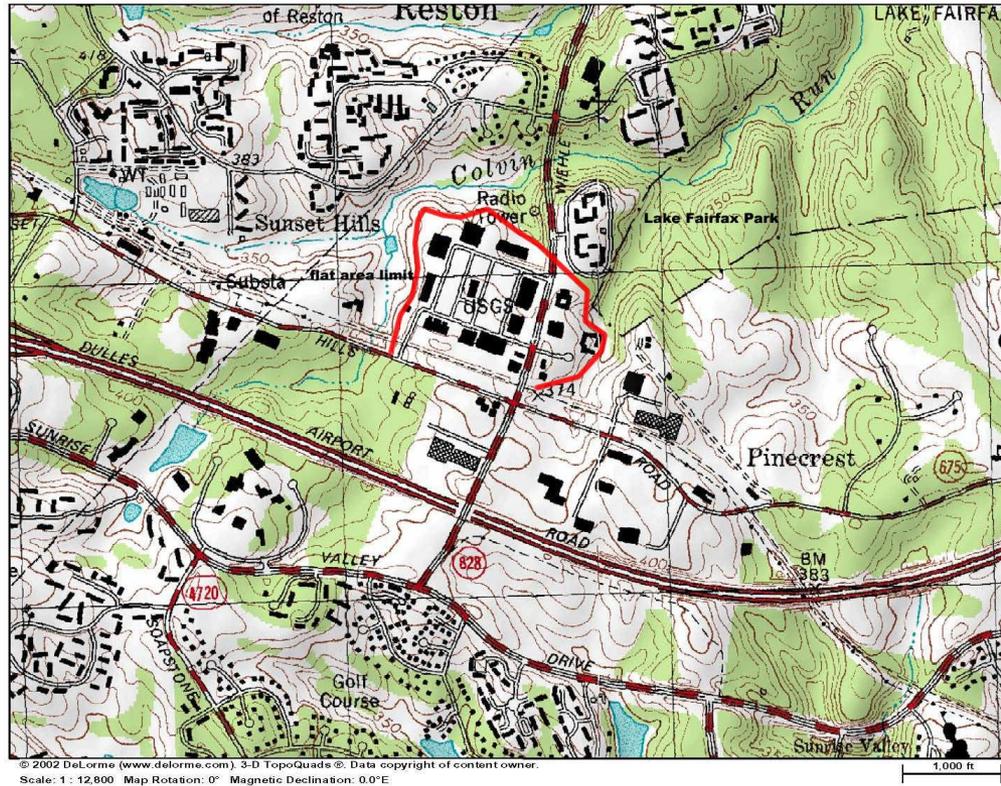
Traffic flow in and out of McDonalds.

McDonalds attracts a huge flow of vehicles during rush hour and lunch hours. There is only a small holding space on Roger Bacon Drive prior to the entrance and traffic backs up onto Wiehle Avenue blocking the right lane northbound and sometimes the left turn lane southbound. The flow of traffic out of McDonalds overwhelms southbound Wiehle Avenue prior to Sunset Hills Road backing up Wiehle Avenue for blocks.



Move fast food restaurants off of Wiehle Avenue.

G2, G5 and G6 are excellent candidates for high rise residential housing with easy access to Lake Fairfax Park. G3 could house fast foot restaurants on one side of an office high rise with the office entrance on the other side. The site is adjacent to Plaza America with other restaurants.



Wiehle Ave. topo map

A grid of streets is needed between Newton Square North and Sunset Hills Road. That is the only relatively level land for road construction. An extension of Soapstone Drive across the Dulles Toll Road would be helpful but may be cost prohibitive.

Any connection of Roger Bacon Drive to Sunset Hills Road must be made through private property.

Any new crossings of the W&OD Trail must be grade separated.

There is no public land access to Lake Fairfax Park from Sunset Hills Road. The current access via Michael Faraday Court is through private property and has recently been posted.