

BIKE/WALK/DISABILITY AUDIT

Date: 08 October 2018

Time: 5:00 pm – 6:00 pm

Lighting: Sunny

Weather: Sunny, warm

Auditor	Mode
Tiffany Lee	Wheelchair
Michelle Via	Walk with cane – Vision Impaired
Rachel Ruhlen	Accompanied Michelle
Jim Lee	Walk
Kristine McCormick	Bike
Kenny Wingfield	Walker with wheels
Ben Bristoll	Walk

Route: Roanoke Academy of Math and Science on Andrews Rd. From the parking lot, turned right on Andrews Rd. Crossed to the north side of Andrews Rd at 19th St. Crossed 19th St and continued east on Andrews Rd. Turned north on Norris Dr. Turned around at the Lick Run Greenway and reversed the route. Distance 0.4 miles each way.

Kristine McCormick biked the route on the street. Everyone else used the sidewalk as far as 19th St.

At 19th St, we crossed from the south side of Andrews Rd to the north side of the street. Then we crossed 19th St on Andrews Rd.

On Andrews Rd, we walked in the street because there is no sidewalk on Andrews Rd from 19th St to Norris Dr.

Kenny turned around when we reached Norris Dr because of the steepness of Norris Dr.

At Norris Dr, Tiffany used the sidewalk on the east side of the street because it had a nice curb ramp and the west sidewalk had steep sharp curb. However, the east sidewalk intersects with Mayo Dr and 16th St, and does not have curb ramps at those intersections. She left the sidewalk and wheeled in the street. She stopped at 1615 Norris Dr to avoid wear and tear on her wheelchair from debris in the road.

Michelle and Rachel walked north on the west sidewalk of Norris Dr, then when they turned around walked south on the east sidewalk of Norris Dr. Ben and Jim did the opposite.

Trip generators: School, park, bus stop on 19th at Andrews, bus stop on Andrews at Florida Ave, Lick Run Greenway, Valley View Mall

Pavement condition: The storm drain on the sidewalk in front of the school on Andrews Rd is > 1 inch higher than the rest of the sidewalk. After the sidewalk ends, Andrews Rd is paved in good condition. The sidewalk on Norris Dr is in good condition. There are a couple places with >1 inch offset. The transition from the cul-de-sac to the bridge had some mud that was a problem for the bikes, the cane, and would be a problem for mobility aids with wheels (wheelchair & wheeled walker, neither of which attempted it). The gravel path to the bridge is not passable for a wheelchair or wheeled walker.

Obstacles: Andrews Rd was clear, other than a parked semitruck. On Norris Dr: Debris from trees. Parked car in a driveway encroached on the sidewalk. Trash can partly obstructed the sidewalk. The west sidewalk had many driveway transitions with significant lips, but we did not have a level to measure the angles.

Traffic: Very fast on Andrews Rd. Because it was a government holiday, there may have been less traffic than usual. It took at least 2 minutes to wait for a gap that the entire group could cross safely. (On the return trip, closer to 6 pm, we did not wait as long for a gap in traffic.) There was more traffic than we expected on a dead-end street on Norris Dr. There were several children playing on the east sidewalk of Norris Dr.

Crosswalks: Striped crosswalks on all legs of Andrews Rd and 19th St.

Curb ramps: The sidewalk on Andrews Rd in front of the school has a curb ramp to cross 19th St. There is a curb ramp on the east Norris Dr sidewalk at Andrews Rd. Michelle and Tiffany commented that the tactile bumps were strangely angled, difficult to line up Tiffany's wheelchair and Michelle had difficulty understand which direction she should be heading to exit the curb ramp. There is a curb ramp at the end of the Norris Dr sidewalk to the cul-de-sac, that is rough asphalt and surrounded by debris.

Vision impairment: The bridge has a lip at the edges on both the north and south ends that a cane could detect. The bridge has rails on the sides.

Signs: There are no signs directing people to the Greenway. Michelle commented on the general lack of signs of any sort which vision-impaired people can use as cues.

Parking: A semi-truck was parked on Andrews Rd east of 19th St. There were parked cars on both sides of Norris Dr, with more cars on the west side of Norris Dr.

Distances: Andrews Rd took 12 steps to cross. The sidewalk on Norris Dr was 5 feet at its narrowest (measured by a measuring wheel).

Bike & Walk Recommendations: Protected multiuse path on the north side of Andrews Rd. Rapid Rectangular Flashing Beacons on Andrews Rd at 19th St. Signs directing people to the Greenway. Smoother transition from Norris Dr cul-de-sac to bridge to Lick Run Greenway.

Disability Recommendations: Install curb ramp on the north side of Norris Dr at Andrews Rd, and on Norris Dr at Mayo St and 16th St. Grind down uneven sidewalks on Andrews Rd and Norris Dr. (This location may not be a high priority for disability accommodations.)