



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY

**FREDDIE O'CONNELL
MAYOR**

**NASHVILLE DEPARTMENT OF TRANSPORTATION
AND MULTIMODAL INFRASTRUCTURE**

MEMORANDUM

TO: Metropolitan Traffic and Parking Commission

FROM: Jason Oldham, Assistant Chief of Engineering,
Nashville Department of Transportation

DATE: October 4, 2023

SUBJECT: October 9, 2023, Traffic and Parking Commission Agenda Analysis

PURPOSE:

Provide an overview of all items on the upcoming Metropolitan Traffic and Parking Commission agenda to ensure that commission members have the information necessary for discussion and action prior to the commission meeting.

Commissioners are encouraged to contact Nashville Department of Transportation (NDOT) staff prior to the meeting with any questions.

STAFF ANALYSIS:

Consent Agenda

5.1 CD 22: Modify current yield stop control to two-way stop control on Indian Springs Dr at Harpeth Valley Rd, requested by resident, SR 1535.

Analysis: This intersection is a four-legged intersection with controlled with Yield signs on Indian Springs Dr. Harpeth Valley Rd is the main road and is uncontrolled. This request will replace the existing Yield control on Indian Springs Dr with a two-way stop for Indian Springs Dr.

The approaches from multiple sides have limited sight distance due to topography, vegetation, and driveway structures. Sight distance is less than 200 ft.

Recommendation: Authorize removal of Yield regulation on Indian Springs Drive at the intersection with Harpeth Valley Rd. Authorize new Stop regulation on Indian Springs Drive at the intersection with Harpeth Valley Rd.

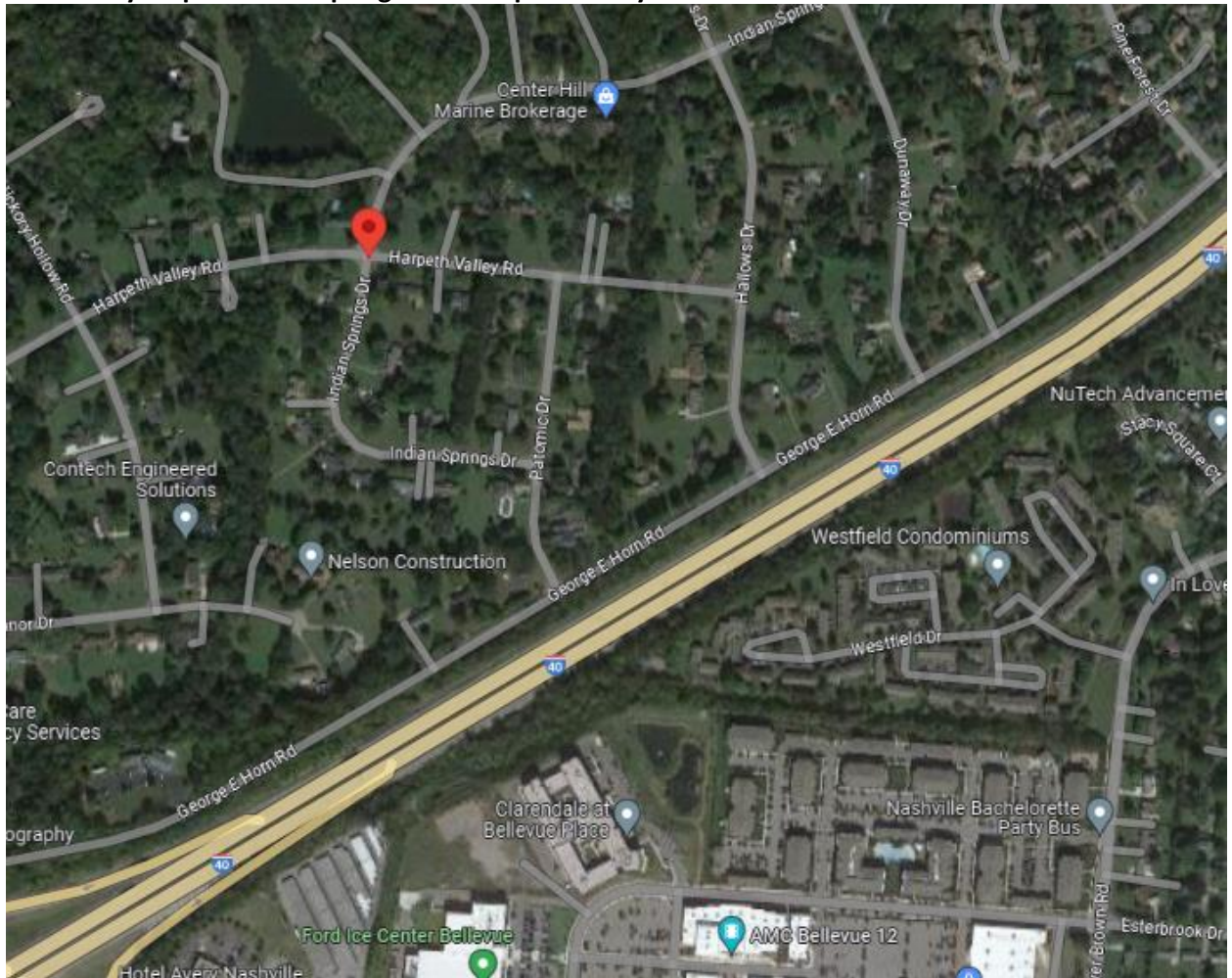
5.1 Yield control at Indian Springs Dr & Harpeth Valley Rd



5.1 Limited sight distance to the right of the yield sign



5.1 Vicinity map of Indian Springs Dr & Harpeth Valley Rd in Bellevue



Regular Agenda

6.1 CD 19: Authorization for 15-Minute limited parking 6AM—6PM Mon—Fri on both sides of Rosa Parks Avenue north of Union St, State Shuttle Parking Only 6AM—6PM Mon—Fri on the east side of Rosa Parks Avenue south of Martin L King Jr Blvd, requested by the State of Tennessee.

Analysis: The State of Tennessee requests designated state shuttle parking only on the east side of Rosa Parks Avenue, abutting the Snodgrass Tennessee Tower, 15-minute parking on the east side of Rosa Parks Avenue near Union St, and 15-minute parking on the west side of Rosa Parks Avenue in the pull-off area in the public right-of-way. Rosa Parks Avenue is configured as a one-way with a street width of 33 ft, with two northbound through lanes and a parking lane.

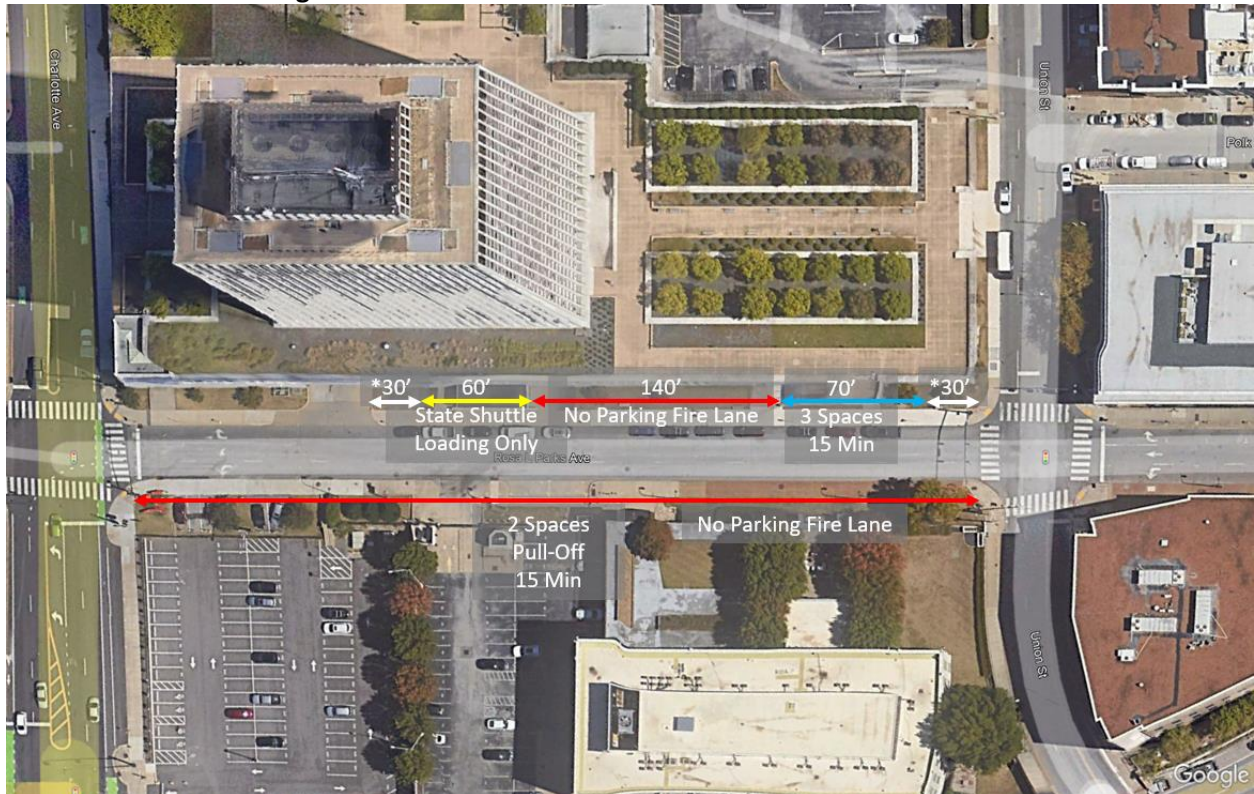
Recommendation:

Approve State Shuttle Loading Only (6AM—6PM, Mon—Fri) on the east side of Rosa Parks Ave between Union St and Martin L King Jr Blvd.

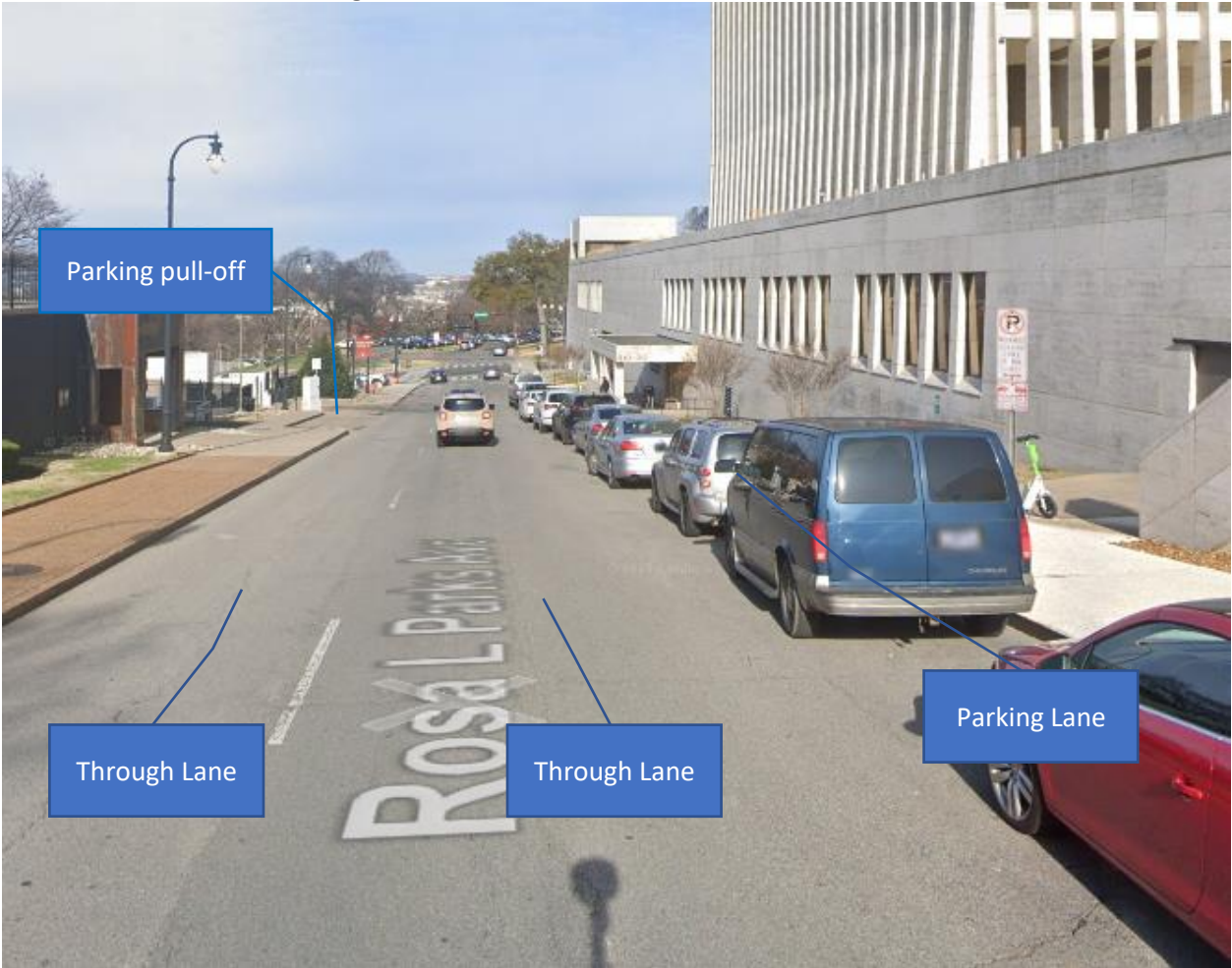
Approve 15-minute parking (6AM—6PM, Mon—Fri) on the east side of Rosa Parks Ave (3 spaces) near Union St and on the west side of Rosa Parks Ave (2 Spaces), with Fire Lane No Parking Anytime designation for remaining curb space on Rosa Parks Ave.

Approve new Pay Parking for the above parking areas from 6PM—6AM, Mon—Fri and all day Saturday and Sunday.

6.1 State Shuttle Loading Zone



6.1 Rosa Parks Ave lane configuration



6.2 CD 19: Authorization for new passenger loading zone on east side of 20th Ave S between Terrace Pl and Broadway, requested by Vanderbilt.

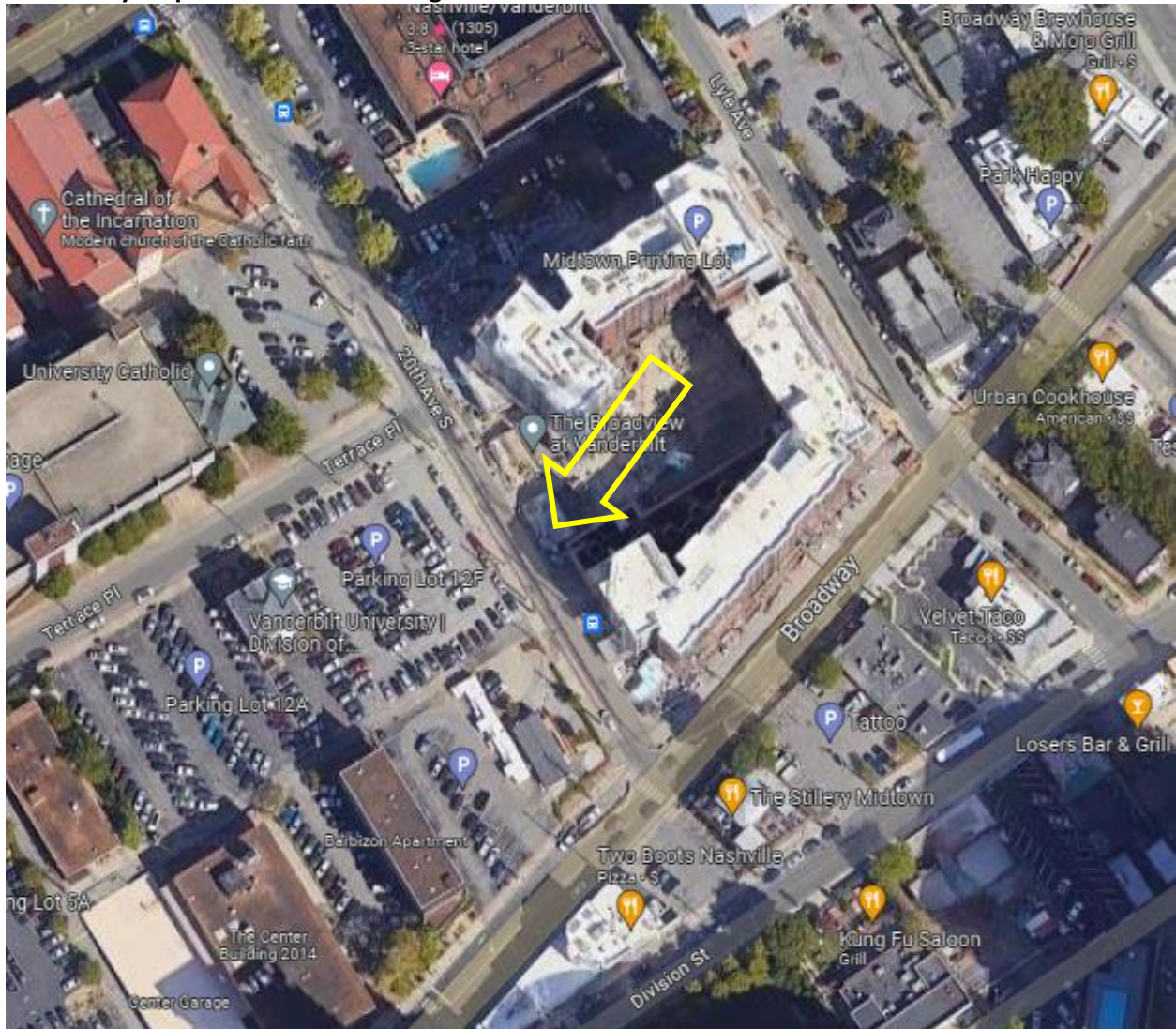
Analysis: Vanderbilt University has constructed a new graduate housing development at the corner of Broadway and 20th Ave S and requests a designated passenger loading zone on the east side of 20th Ave S between Terrace Pl and Broadway.

Recommendation: Approve passenger and freight loading zone on east side of 20th Ave S between Terrace Place and Broadway, effective 24/7.

6.2 Vanderbilt Loading Zone on the east side of 20th Ave S



6.2 Vicinity map of Vanderbilt Loading Zone



6.3 CD 31: Authorization for truck restriction, No Trucks over 16,000 lbs on Battle Road from Burkitt Rd to the Williamson County Line, requested by resident, SR 1733513.

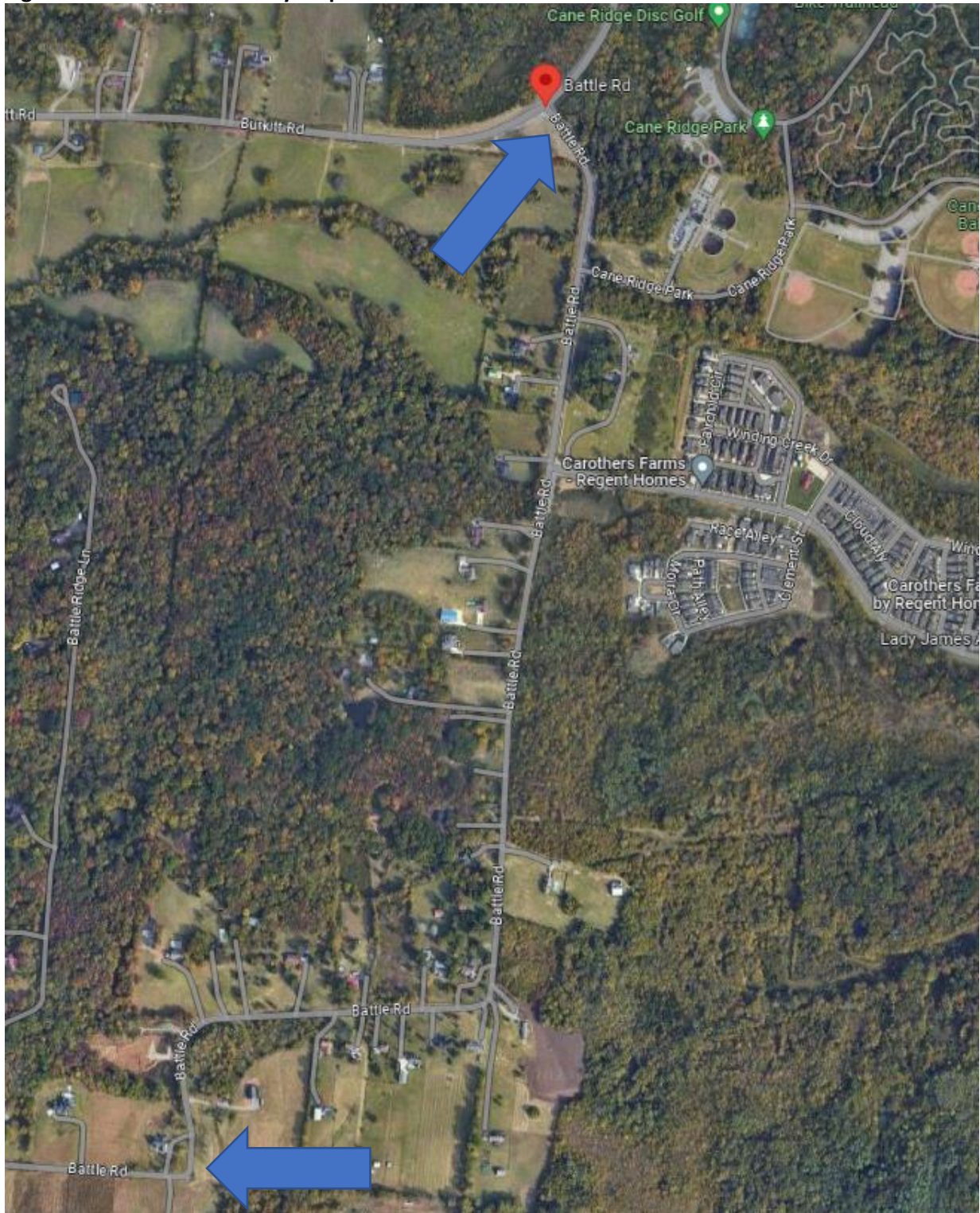
Analysis: Battle Road is a rural, winding road with two lanes, each about 10-ft in width. There are multiple sharp turns and there is little or no shoulder. Battle Road runs from Burkitt Rd south and west into Williamson County where truck traffic is restricted. This request will prohibit trucks exceeding 16,000 pounds, except for deliveries.

Recommendation: Authorize truck restriction over 16,000 lbs. on Battle Rd from Burkitt Rd to the Williamson County line.

6.3 Battle Rd street view of 90-degree turns



Figure 7: 6.3 Battle Rd vicinity map



6.4 CD 1: Authorization for a new traffic signal at Dickerson Pike and Whites Creek Pike, requested by NDOT.

Analysis: Metro Planning wants to use CHIP (Community Housing Infrastructure Program) funds to improve pedestrian infrastructure near the 900 Cleveland MDHA development, which is currently under construction at the NW corner of Dickerson and Cleveland. The CHIP program is designed to use Metro funds for developers to install pedestrian safety improvements during construction.

A new traffic signal is proposed for Dickerson and Whites Creek Pike based on the crash history at the intersection (6 angle crashes, including a fatality, in the last 12 months) and anticipated foot traffic across Whites Creek Pike from future residents. The proposed improvements include a pedestrian median on the Whites Creek Pike approach to slow down drivers making a northbound left turn from Dickerson Pike onto Whites Creek. A signalized pedestrian crossing would have accomplished the goal of getting pedestrians safely across Dickerson Pike, but a full signal protects the Whites Creek crosswalk and also improves safety for drivers trying to turn onto Dickerson Pike from Whites Creek Pike.

Recommendation: Defer for one month.

6.4 Vicinity map of Dickerson & Whites Creek Pk



6.4 New traffic signal and improvements at Dickerson & Whites Creek Pk

