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MEMORANDUM

To: Mayor and City Council

From: Michael Smith, Public Works Director

Date: August 24, 2020

Subject: **Presentation of Conceptual Design for Improvements at Chamblee Dunwoody Road and Womack Road**

BACKGROUND

The City's transportation plan recommends adding turn lanes on Womack Road at Chamblee Dunwoody Road. The Womack approach currently has one lane and vehicles often wait through more than one cycle of the traffic light to clear the intersection during morning and afternoon peak travel periods. Delays also occur in the mid-afternoon after dismissal at the high school.

The city has contracted with AECOM to design improvements for the intersection. To develop the conceptual design, AECOM has surveyed the existing conditions, obtained traffic counts, projected future traffic conditions and evaluated the drainage system. The proposed transportation improvements consist of adding a left turn lane on Womack Road, extending the left turn lane for the northbound approach on Chamblee Dunwoody and adding a signalized pedestrian crossing on the south side of the intersection. The drainage analysis indicates that stormwater drains and pipe are needed on the west side of Chamblee Dunwoody Road to provide adequate drainage. Because the existing curb and sidewalk will have to be removed to install the stormwater pipe, the city proposes to replace the existing 4-foot wide sidewalk with a 5-foot wide sidewalk.

In July the City publicized a virtual public meeting hosted on the City's website at: <https://dunwoodyga.gov/index.php?section=projects&projectsection=8&project=65>. With over 160 comments submitted, the level of public participation for this meeting format was higher than for many other meetings on similar projects. Over 120 comments supported the project which is consistent with previous input received on the city's transportation plan. Additional requests included adding right turn lanes on Ashford Center Parkway and Womack Road and placing utilities underground. Concerns expressed included library driveway access, widening Chamblee Dunwoody to extend the left turn lane, and traffic impacts during construction. A written response to comments has been posted to the project page.

The next phase of the project, which is fully funded, will be to complete the design and develop construction plans. It is anticipated that the plans will be completed by the end of 2020 and that easement acquisition and utility relocation would occur in 2021. Assuming construction would not begin until late 2021 at the earliest, staff has requested \$200,000 for easements and partial construction funding in 2021 with the bulk of the construction funding planned for the 2022 budget.



City of
Dunwoody
Georgia

CHAMBLEE DUNWOODY ROAD AT WOMACK ROAD INTERSECTION IMPROVEMENTS

Packet page:....



Chamblee Dunwoody Road at Womack Road



Image capture: Oct 2019 © 2020 Google

Dunwoody, Georgia

Packet page:...

END OF PROJECT

PROPOSED RETAINING WALL
PROPOSED SLOPE EASEMENT
PROPOSED DRIVEWAY EASEMENT

INTERSECTION IMPROVEMENT

PROPOSED SLOPE EASEMENT

PROPOSED RETAINING WALL

MATCHLINE 1

DISPLAY B

PROPOSED 5' WIDE SIDEWALK WITH 2' LANDSCAPE BUFFER TO MATCH EAST SIDE OF CHAMBLEE DUNWOODY RD. TYP.

MATCHLINE 2

DISPLAY C

BEGIN OF PROJECT

Chamblee Dunwoody/Womack Road Intersection Improvement Plan

The primary objective of the proposed intersection improvement project is to improve efficiency and safety of west bound vehicles as they approach the intersection.

[CLICK THE IMAGE BELOW TO WATCH A VIDEO ABOUT THE PLAN:](#)

