

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: UNFINISHED BUSINESS

Meeting Date: February 23, 2021

Item Details

Presenter(s): Russell Dalton, Sr. Transportation Engineer

Department(s): Public Works & Transportation

Requested Motion

Possible Motion to recommend modifying Jessie Drive Phase 1 final design plans to remove the proposed U-turn bulb-out and include the Sweetgum Access Alternative while keeping Sweetgum Drive connected to Jessie Drive as a right-in/right-out access as presented; and, Possible Motion to recommend continuing the 10-foot side path westward along the north side of Jessie Drive in the Phase 1 final design plans to the intersection at future Production Drive/Horton Park Drive.

Approval Recommended?

Yes

Item Details

This a continuation of the Public Hearing item heard on February 9th. Details on that public hearing are repeated below. Additional public comments on this item received within 24 hours of the February 9th hearing will be provided at the meeting.

Apex Transportation and Long Range Planning staff have received public comments on the Jessie Drive Phase 1 final design plans in emails and through a survey that was distributed by mail and available online as well as at the public workshop held July 15, 2020. In response to public comments concerning changing Sweetgum Drive, an existing residential cul-de-sac, to right-in/right-out, the Town's consultant prepared alternatives for evaluation by staff for a new access route to Sweetgum Drive providing for left turn movements. During this time, plans have continued through both the NCDOT and Apex TRC review process, currently at 65% design plans as of December 2020. After NCDOT recommendations in December 2020, staff recommended including the new Sweetgum Access Alternative as a full movement intersection along with right-in/right-out for Sweetgum Drive in the final plans. This would remove the proposed western U-turn bulb-out, currently shown in 65% plans for access to Sweetgum Drive from westbound Jessie Drive.

In addition, Apex staff, NCDOT, and the development team for Horton Park have been coordinating closely on the design for Jessie Drive. Horton Park will provide for improvements and extension of Jessie Drive for approximately 1,700 feet to future Production Drive/Horton Park Drive, along with turn lanes and the commitment of a traffic signal when warranted at the

intersection of Ten Ten Road. The Town would later provide additional improvements at the Ten Ten Road intersection and improve existing Jessie Drive east of the Horton Park scope of work. The combination of both projects would provide contiguous 10' side path on the south side of Jessie Drive from Ten Ten Road to future Production Drive/Horton Park Drive. However, there would be a 1,700' gap in side path on the north side of Jessie Drive east of future Production Drive/Horton Park Drive. Staff recommend adding that side path to the Town's Phase 1 final design plans to ensure it will be completed in a timely manner.

Attachments

- February 9th presentation (for reference only): Jessie Drive Phase 1 Final Design and Sweetgum Access Alternative

