

**STAFF REPORT**  
**Transportation Plan Amendments**

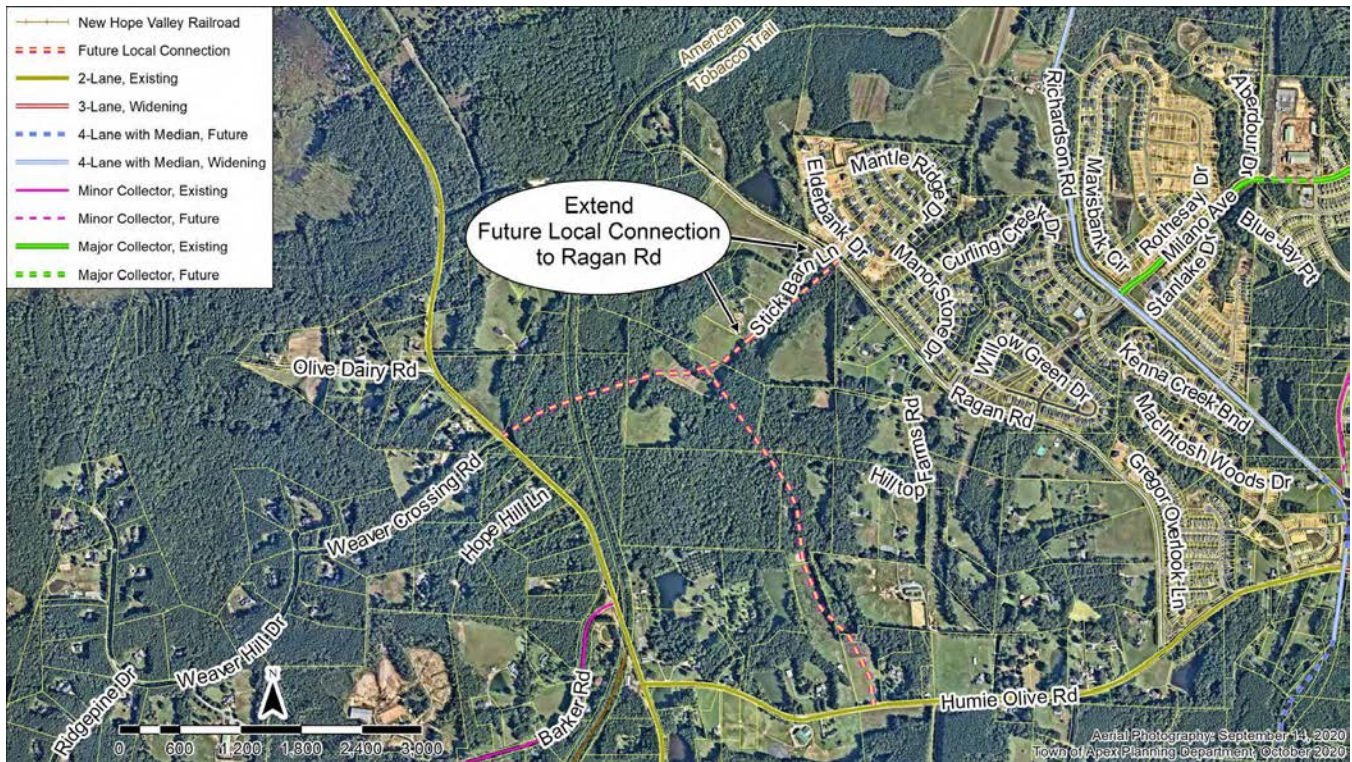
November 17, 2020 Town Council Meeting



The Thoroughfare and Collector Street Plan map of Advance Apex: The 2045 Comprehensive Transportation Plan represents a network of current and future facilities that provide guidance on what is likely to be suitable for long term growth. The plan does not require a schedule for implementation nor does it set aside funding for improvements. Instead, the plan helps the Town establish long term priorities. The purpose of the public hearing is to consider proposed amendments to the network of planned thoroughfare and collector streets in order to make a decision. Most of the proposed amendments are associated with a detailed review of GIS data for Advance Apex: The 2045 Comprehensive Transportation Plan.

**Amendment 1: Extend future Local Connection to Ragan Road.**

Purpose	The adopted plan does not show the future local connection extending east to Ragan Road, along existing Stick Barn Lane, which is a private drive. This change is a correction.
Input Received	No concerns from Police, Fire, EMS, or Public Works and Transportation. Parks and Greenways Planner confirmed this future crossing of the future extension of the American Tobacco Trail is likely to be acceptable based on spacing guidance.
Planning Staff Recommendation	Support.
Anticipated Implementation	Not programmed. Likely to occur only with development.



**Amendment 2: Realign future Local Connection from Lovage Drive to match existing road, Lawson Lane.**

Purpose	Revise the planned alignment of a future local connection to use an existing drive, Lawson Lane.
Input Received	No concerns from Police, Fire, EMS, or Public Works and Transportation.
Planning Staff Recommendation	Support.
Anticipated Implementation	Not programmed. Likely to occur only with development.



**Amendment 3: Shift alignment of future Major Collector street between Apex Peakway and South Salem Street.**

Purpose	The Apex Peakway Southwest Connector project is in the final stages of permitting and right-of-way. This amendment would update the map to reflect approved plans.
Input Received	No concerns from Police, Fire, EMS, or Public Works and Transportation.
Planning Staff Recommendation	Support.
Anticipated Implementation	Construction is anticipated to begin in 2021.



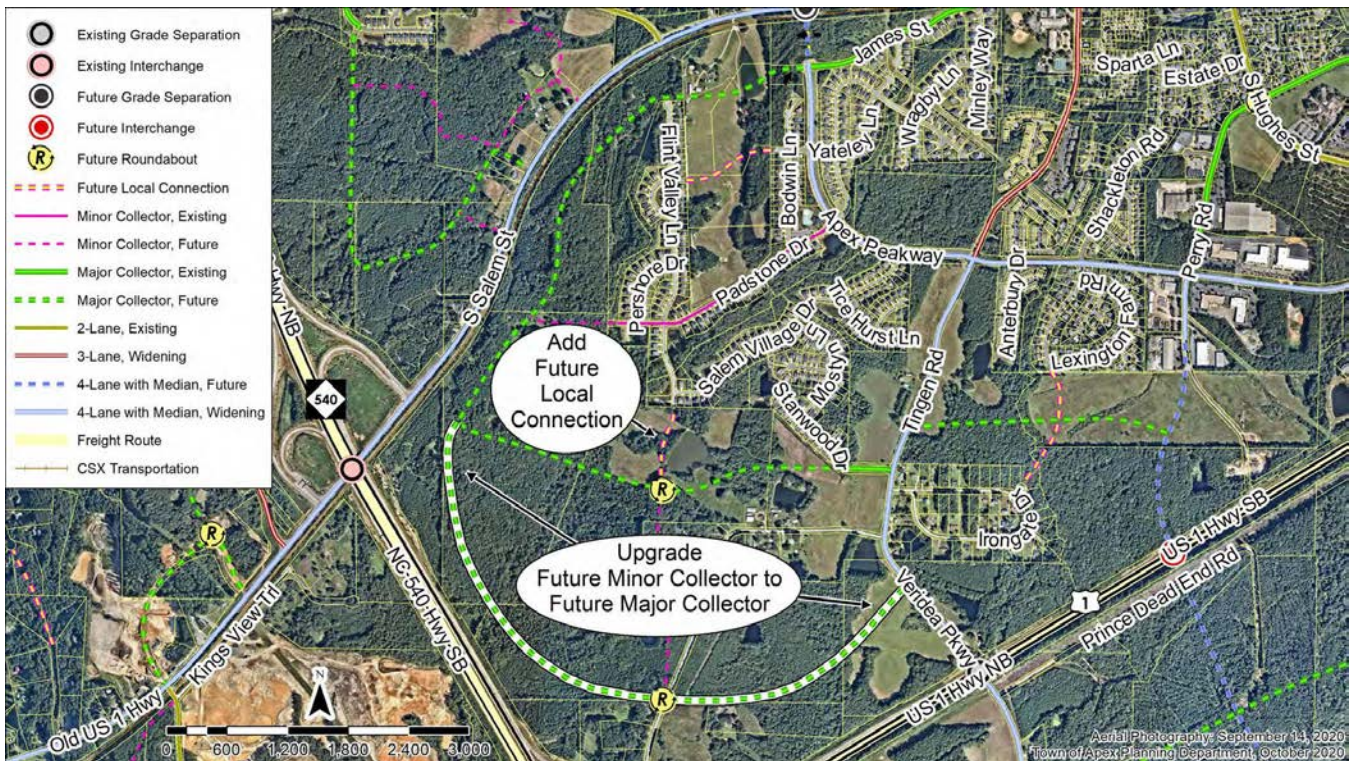
**Amendment 4: Revise alignment of future extension of James Street west of Apex Peakway.**

Purpose	This is a minor shift in the planned alignment of a future roadway to align with an existing stub extending from Flint Valley Lane.
Input Received	No concerns from Police, Fire, EMS, or Public Works and Transportation.
Planning Staff Recommendation	Support.
Anticipated Implementation	Not programmed. Likely to occur only with development.



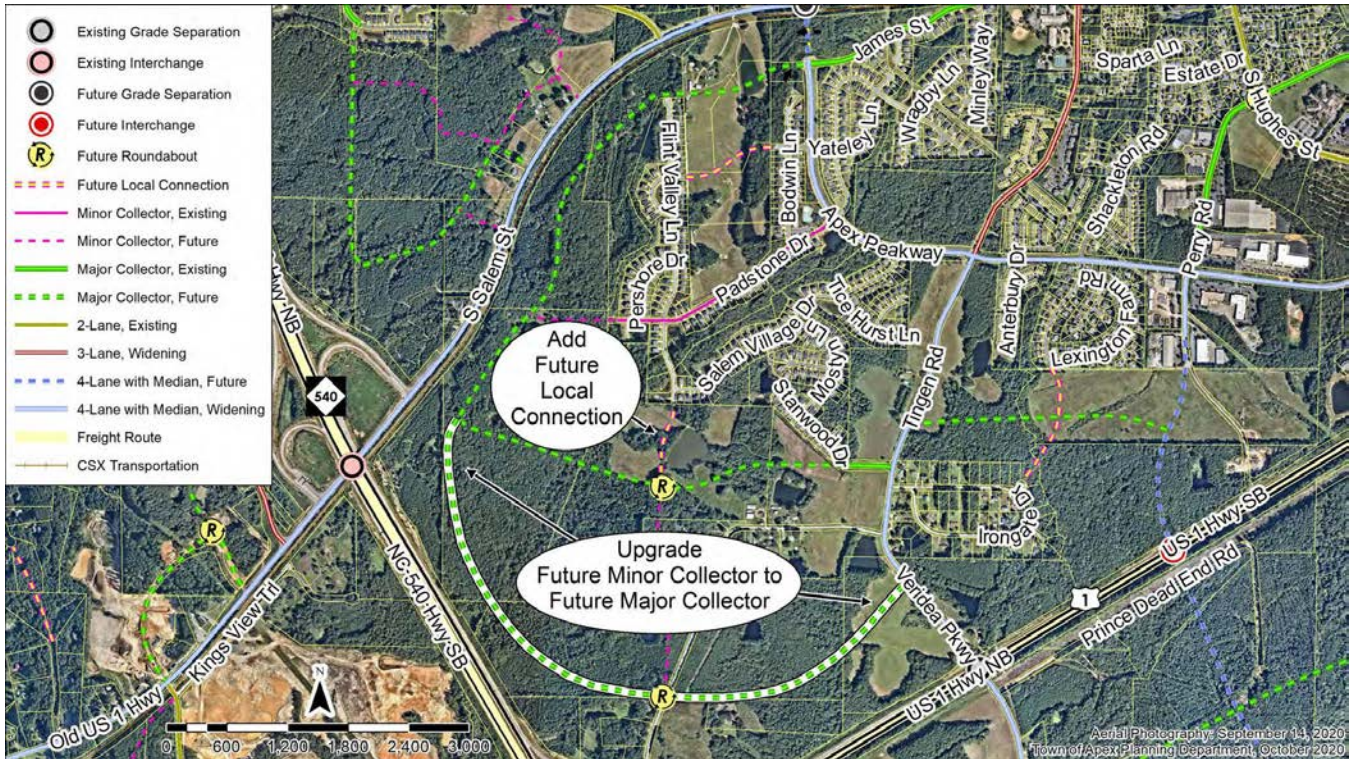
**Amendment 5: Upgrade future extension of James Street to a Major Collector street.**

Purpose	The future extension of James Street will connect to thoroughfares and is expected to carry substantial traffic. The upgrade to a Major Collector street will eliminate the possibility of residential driveways directly accessing this future roadway and will result in a higher design standard.
Input Received	No concerns from Police, Fire, EMS, or Public Works and Transportation.
Planning Staff Recommendation	Support.
Anticipated Implementation	Not programmed. Likely to occur with development.



**Amendment 6: Add a future local connection from Flint Valley Lane.**

Purpose	Increase transparency of intent to extend Flint Valley Lane and ensure future connectivity.
Input Received	No concerns from Police, Fire, EMS, or Public Works and Transportation.
Planning Staff Recommendation	Support.
Anticipated Implementation	Not programmed. Likely to occur only with development.



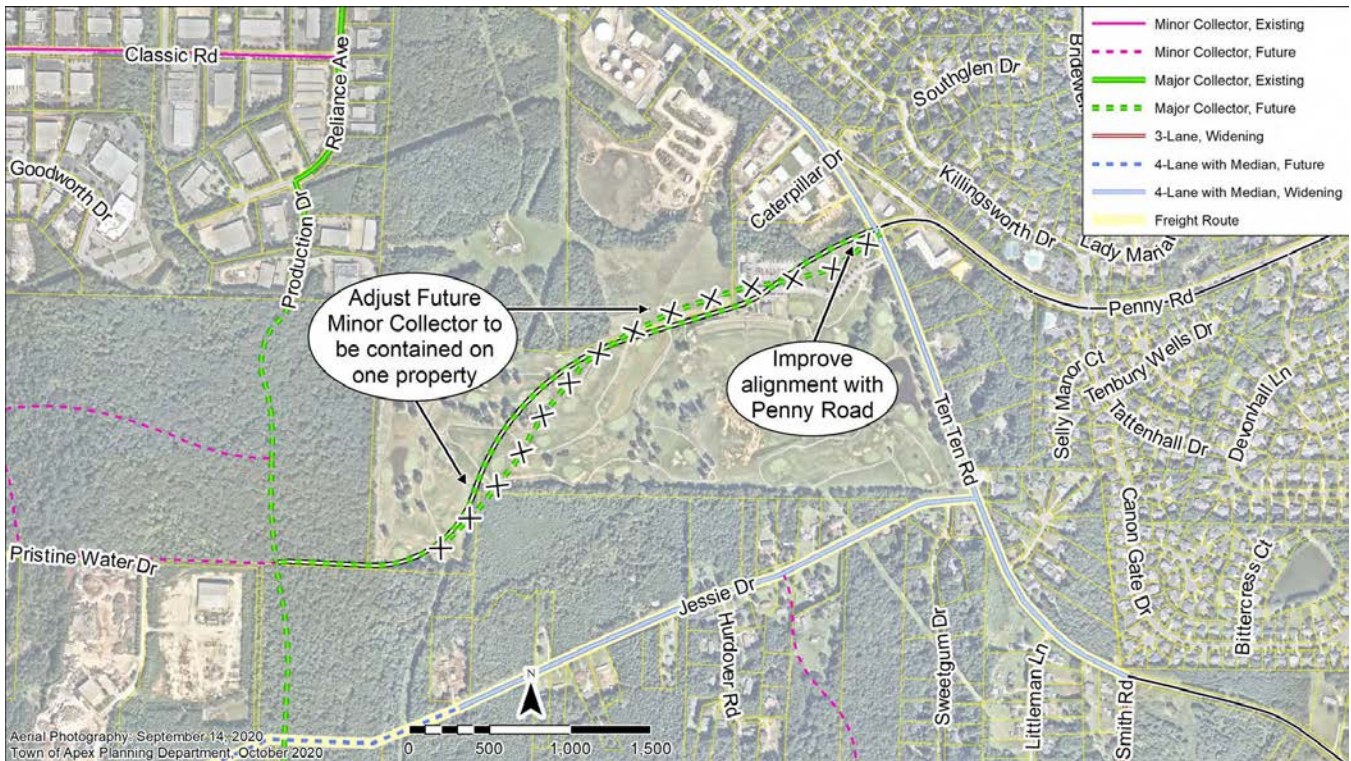
**Amendment 7: Realign future Local Connection from Jerimouth Drive to Evans Road.**

Purpose	Avoid steep slopes and align the future connection to Evans Road across from the entrance to Apex Nature Park.
Input Received	No concerns from Police, Fire, EMS, or Public Works and Transportation.
Planning Staff Recommendation	Support.
Anticipated Implementation	Not programmed. Likely to occur only with development.



**Amendment 8: Adjust alignment of future Major Collector street between Ten Ten Road and Production Drive.**

Purpose	Improve the alignment across from Penny Road and contain the future roadway on one property.
Input Received	No concerns from Police, Fire, EMS, or Public Works and Transportation.
Planning Staff Recommendation	Support.
Anticipated Implementation	Not programmed. Likely to occur only with development.





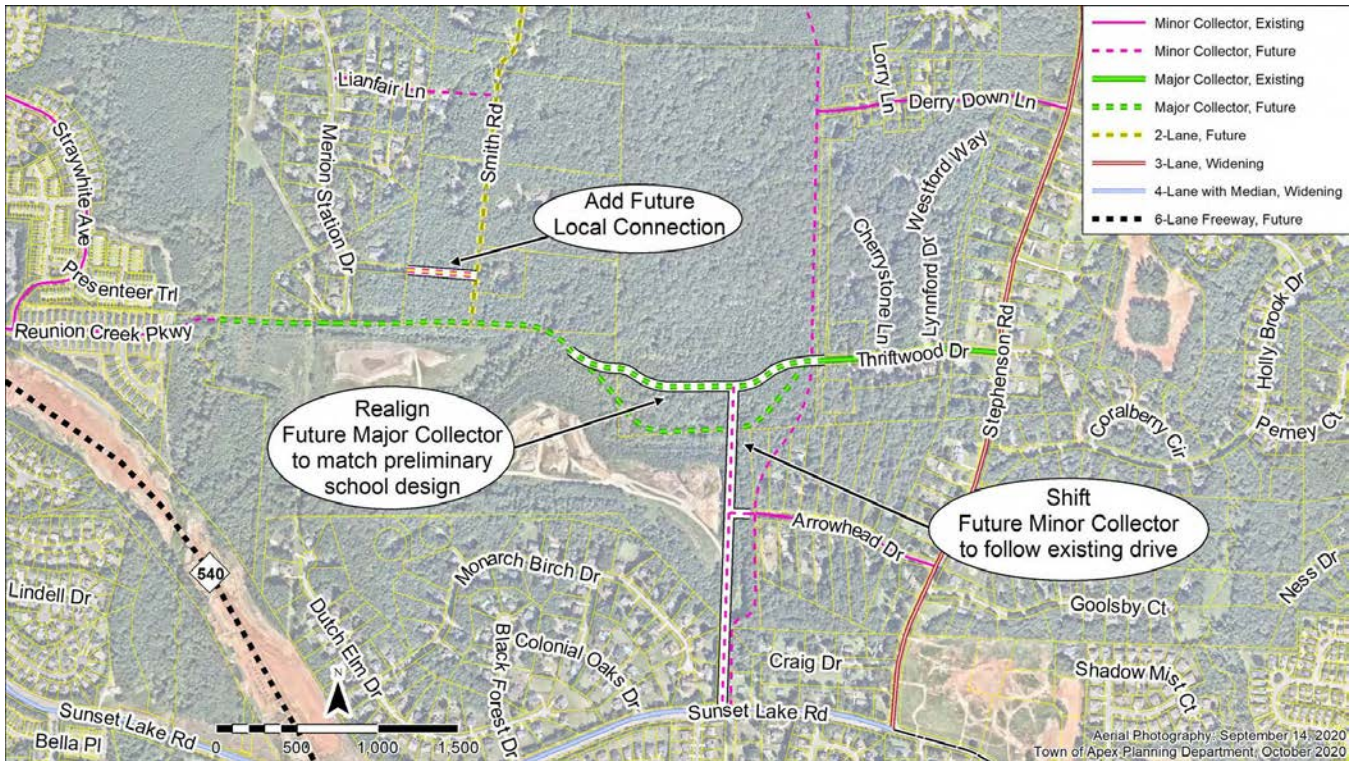
**Amendment 9: Add a future Major Collector street over US 1 between Schieffelin Road and Lufkin Road.**

Purpose	The adopted plan shows a grade-separated crossing in this location but does not specify the roadway classification. The amendment is intended to add clarity.
Input Received	No concerns from Police, Fire, EMS, or Public Works and Transportation.
Planning Staff Recommendation	Support.
Anticipated Implementation	Not programmed in the 5-year local program nor the 10-year State program.



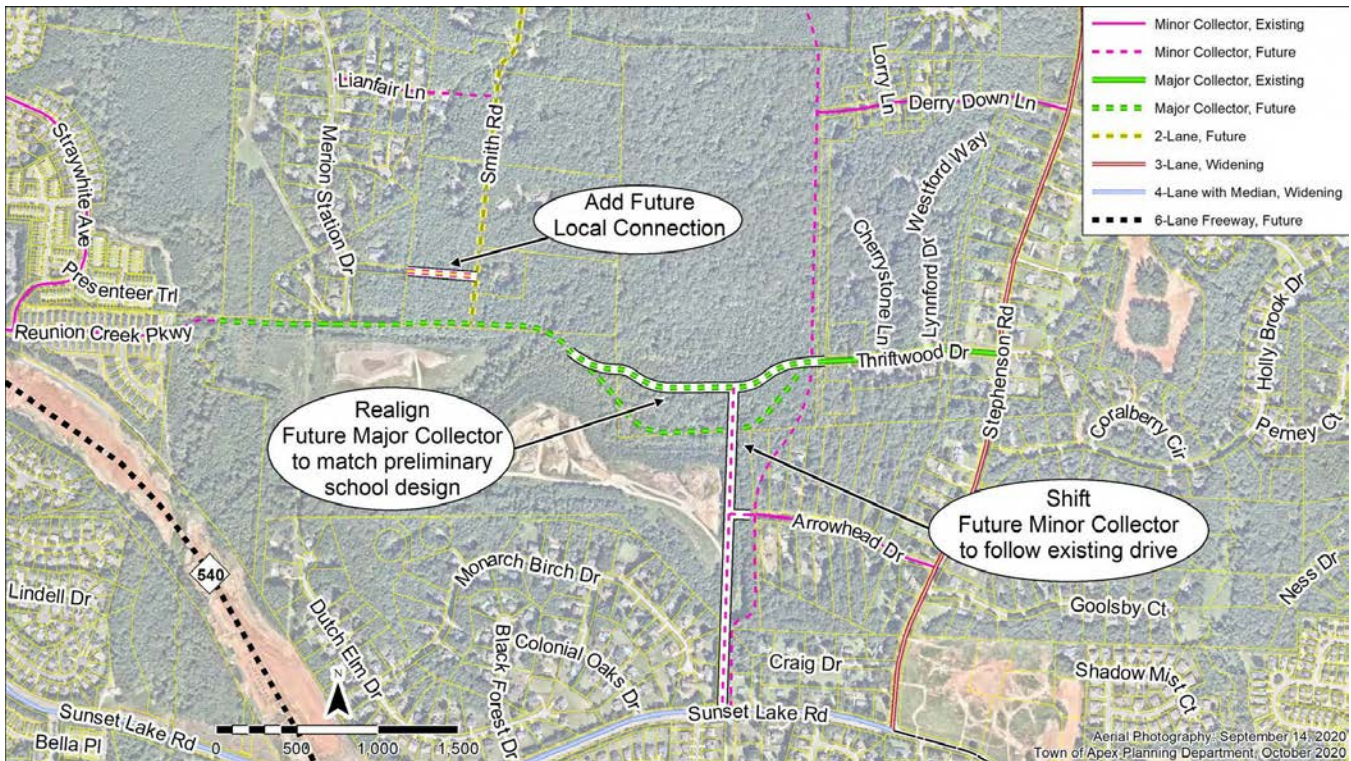
**Amendment 10: Add future Local Connection between Smith Road and Merion Station Drive.**

Purpose	Increase transparency of intent to extend Ballytore Drive and ensure future connectivity.
Input Received	No concerns from Police, Fire, EMS, or Public Works and Transportation.
Planning Staff Recommendation	Support.
Anticipated Implementation	Not programmed. Likely to occur only with development.



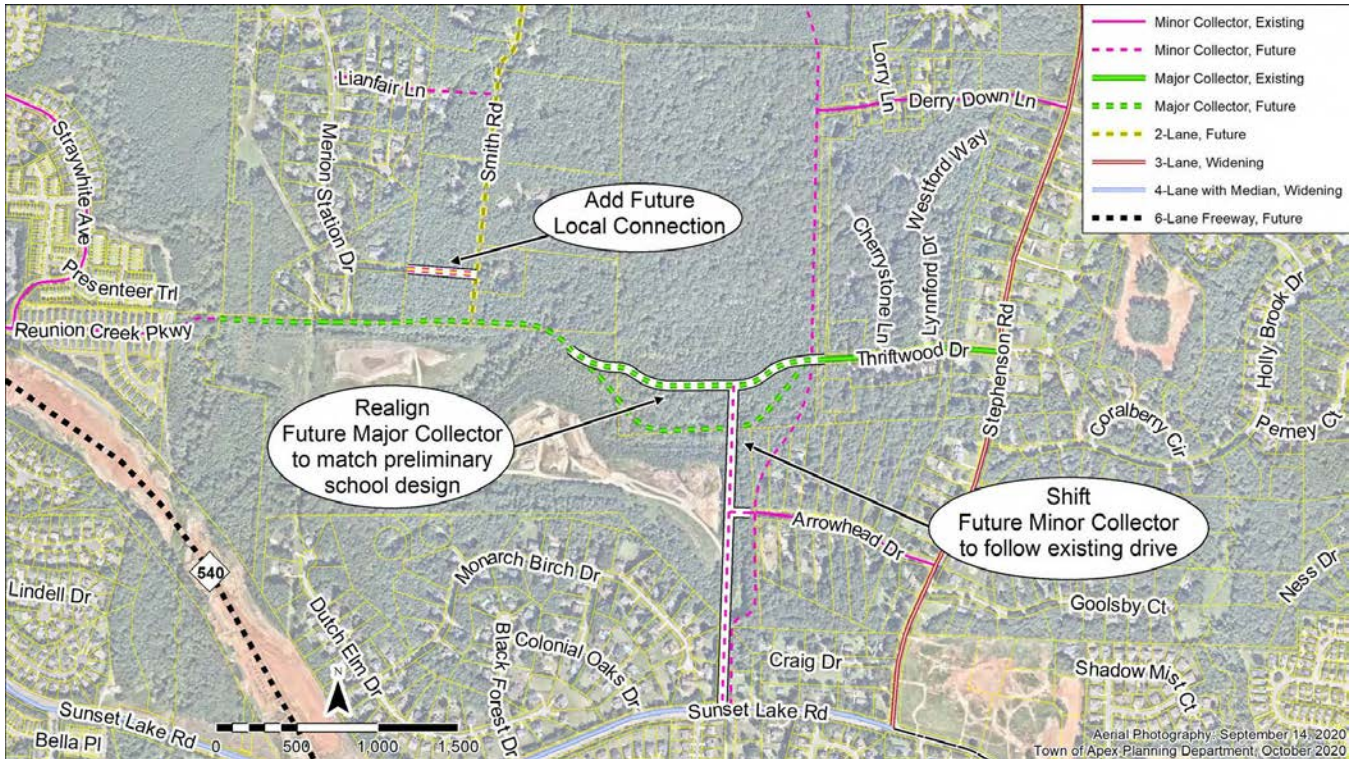
**Amendment 11: Realign future Major Collector street between Reunion Creek Parkway and Thriftwood Drive.**

Purpose	Align the future Major Collector street for consistency with preliminary plans for Felton Grove High School.
Input Received	No concerns from Police, Fire, EMS, or Public Works and Transportation.
Planning Staff Recommendation	Support.
Anticipated Implementation	Only the portion of the Major Collector street on the high school property is likely to be built. Improvements to existing Thriftwood Drive are not programmed. The connection to Reunion Creek Parkway will be a challenge and is likely to be a long range project.



**Amendment 12: Shift future Minor Collector street between Sunset Lake Road and Thriftwood Drive.**

Purpose	The realignment follows an existing drive and avoids residential impacts. It also creates two shorter Minor Collector streets which are intended to be low-speed roadways.
Input Received	No concerns from Police, Fire, EMS, or Public Works and Transportation.
Planning Staff Recommendation	Support.
Anticipated Implementation	Not programmed and unlikely to occur with development. This is likely to be a long range project.



**Staff Recommendation:**

The proposed amendments were reviewed with staff from Public Works and Transportation, Police, Fire, and EMS. There were no concerns. Planning staff recommend approval of all amendments.

**Planning Board Recommendation:**

The Planning Board considered the proposed amendments during a public hearing on November 9, 2020 and unanimously recommended approval of all amendments.