



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

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GOVERNOR

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SECRETARY

March 17, 2014

Frank Amenity, P.E.  
Davenport – Operations Manager  
305 West Fourth Street - Suite 2A  
Winston-Salem, NC 27101

Subject: Traffic Impact Study Review for the Plyler Road Site, Indian Trail, NC

Dear Mr. Amenity,

We have completed our review of the TIA for the proposed development located in the Southwest quadrant of the intersection of Unionville Indian Trail Road and Plyler Road in Indian Trail, North Carolina. We offer the following comments regarding the study:

**US 74 @ Corporate Blvd/Allen Way**

- Currently the right turn lane from US 74 WB onto Corporate Blvd is around 10' wide. Due to the amount of traffic the development will add to this movement, the turn lane should be widened to 12'.
- Monolithic "pork chop" style islands will be required at key locations to create pocket right turns. Construct islands at United Way Drive and Corporate Blvd.

**US 74 @ Unionville Indian Trail Rd**

- Agree with TIA recommendations

**US 74 @ Plyer Rd**

- Agree with TIA recommendations

**Plyer Rd @ Access 1**

- Agree with TIA recommendations



### **Unionville Indian Trail @ Plyer Rd/Corporate Blvd**

- Agree with TIA recommendations
- Per the Town's request, a roundabout was analyzed for this location. The Department would support construction of a single lane roundabout at this intersection.

### **Unionville Indian Trail Rd @ Access 2**

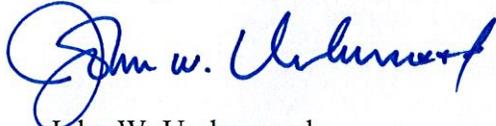
- Page 17 recommends a right turn lane improvement and no left. Figure 9 shows a left turn lane recommended improvement. A left turn lane with 100' of storage and appropriate tapers should be constructed on Unionville Indian Trail Rd.

### **Indian Trail Rd @ Matthews Indian Trail Rd**

- Agree with TIA recommendations
- The Department would be in support of a monetary contribution by the Developer to the Town at this location for future intersection improvements.

If you have any questions or need additional information, please contact me at the telephone number below.

Sincerely,



John W. Underwood  
District Engineer

Cc: Sean M. Epperson, P.E.  
Shelley Dehart, Indian Trail  
Scott Kaufhold, Indian Trail  
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