COMMONWEALTH of VIRGINIA

GREGORY A. WHIRLEY
ACTING COMMISSIONER

DEPARTMENT OF TRANSPORTATION
1700 NORTH MAIN STREET
SUFFOLK, VA 23434

February 17, 2006

Amy Parker
Planning Division
County of York
Post Office Box 532
Yorktown, Virginia 23690

Ref: 7-11, Inc.
Application No. UP-677-05
Hampton Hwy (Rt. 134) and Big Bethel Rd (Rt. 600), York County

Dear Ms. Parker:

We have reviewed the above mentioned special use request and associated conceptual plans offer the following comments:

- We have not received a revised traffic impact study since the previous submission, and it appears that the site layout has not changed significantly with regards to the entrances; therefore all of the comments from our August 2, 2005 letter still apply. These comments are restated for your reference:

  - We concur with the trip generations as stated in the study.

  - We do not concur with the trip distributions as stated in the study. Seventy percent of the traffic was assigned to the access on Hampton Highway (Route 134); considering current traffic trends this does not seem appropriate.

  - We do not concur with the capacity analysis performed for this site. Although the technical aspects of the report would be correct for an isolated intersection, it did not adequately account for existing conditions. The existing signal is part of a coordinated system along Hampton Highway (Route 134), and when appropriate timings are applied the signal does not perform well.

- We concur with the recommendation to install a 150' full right-turn lane with a 150' taper on Hampton Highway (Route 134) at the site access. There is not adequate corner clearance to accommodate this improvement. We recommend that some form of agreement be pursued with the adjacent property owner so that additional corner clearance can be obtained. Lack of corner clearance will interfere with certain operational aspects of the intersection.

- The right-in/right-out access located on Hampton Highway (Route 134) should include an appropriate raised channelized island.

- Construction site plans will need to be submitted for review. These plans will need to include but not be limited to entire intersection geometrics, corner radii, sight distances, existing right of way and any dedication of right of way, traffic signal equipment, pavement markings, traffic control etc.

- Provide on the plans the appropriate graphic scale for the full sized plan sheet (25 scale).

Should you have any questions please contact me at (757) 253-4832.

Sincerely,

Bradley A. Weidenhammer, EIT
Transportation Engineer