

SUMMARY OF THE FEBRUARY 2002 VILLAGE PLAZA THEATERS TRAFFIC IMPACT ANALYSIS

Traffic Impact Analysis (TIA) was prepared by the Town Consultant in accordance with the Town's new TIA guidelines. The purpose of this study is to determine the impact to the surrounding transportation system caused by the additional traffic generated by the proposed revisions to Village Plaza Theaters, which is anticipated to be fully built out by the year 2004. Proposed revisions to Village Plaza Theaters develops 495 additional vehicle trips daily. Traffic volumes from the proposed developments (Franklin Grove Townhomes, Chapel Hill Center II, and University Mall Expansion) were included in the analysis of future conditions. Also, future traffic conditions were calculated by applying an annual growth of 4%.

Traffic flow conditions were analyzed at the following intersection:

- East Franklin Street and South Elliott Road
- Fordham Boulevard and South Elliott Road
- South Elliott Road at the two sites

The findings of TIA indicates that the additional traffic generated by the renovations to the Village Plaza Theaters is expected to have minimal impact to the surrounding roadway network. No changes to nearby intersections are necessary to accommodate the proposed changes.

Mitigation Measures/Recommendations:

Planned Improvements: There are no planned roadway improvements by adjacent developments within the study area.

Background Committed Improvements: There are no committed roadway improvements by adjacent developments within the study area.

Applicant Committed Improvements: To accommodate peak hour exiting traffic at the theaters, TIA recommended that the both driveways to Elliott Road be widened to 30 feet and striped for two exiting lanes.

Necessary Improvements: None