Table 6

Intersection Level of Service Descriptions

LOS A describes driving conditions with average delays of 5 seconds or less per vehicle. When traffic signals are synchronized, this level of service allow for most vehicles to arrive during the green light. The majority of through traffic on the main street does not stop at all. (0-60% v/c)

LOS B describes driving conditions where more vehicles have to stop at red lights and average delays increase up to 15 seconds per vehicle. Synchronized traffic signals can still provide good progression for through traffic on the major street. (61-70% v/c)

LOS C describes driving conditions at intersection where the red signal lights stay on noticeably longer and the average delays per vehicle increases to 25 seconds. At this level of congestion some cars must wait through multiple green lights to get through the intersection. With synchronized traffic signals, some through traffic on the main street can still pass through the intersection without stopping. (71-80% v/c)

LOS D describes congested driving conditions with more stops and delays averaging up to 40 seconds per vehicles. Most cars have to stop at red lights and more vehicles have to wait for more than one green light before passing through the intersection. (81-90% v/c)

LOS E describes very congested driving conditions with delays averaging up to 60 seconds per vehicle. This high congestion allows for very poor progression down the main street and green lights are frequently not long enough to clear stopped vehicles. (91-100% v/c)

LOS F describes very congested driving conditions where the number of vehicles arriving at an intersection exceeds the capacity of the intersection. Average delays exceed 60 seconds and most drivers have to wait for multiple green lights before they get through the intersection. Long queues of left turning vehicles stack out of the left turn pockets and block adjacent through lanes. (>100% v/c)