

INTERSECTION PERFORMANCE
LAKE AVENUE & WALNUT STREET

At the October 25, 2004 meeting, Council requested detailed information on the intersection performance at Lake Avenue and Walnut Street in the future. The following table summarizes the level of service (LOS) and total traffic volume during the PM peak hour. The attached figures illustrate the traffic lane configuration in 2000 and anticipated modifications to this intersection in 2007 and 2015.

The intersection is expected to carry approximately 800 more cars during afternoon peak hour in 2007 than in 2000. The performance degrades by only one LOS (from D to E) largely due to ITS improvements and added lanes. By 2015, the intersection is expected to carry 1,100 more cars as compared to 2000. If the Gold Line extension is completed and additional ROW is obtained, it would perform better than in 2007.

Horizon Year	Level of Service	Total Traffic Volume During P.M. Peak Hour
2000	D	5,280
2007	E	6,078
2015	D	6,387

Lake Avenue at Walnut Street Intersection Performance During P.M. Peak Hour

Horizon Year: **2000** (Aug. 2000 Inventory)

Level of Service: **D**

Total Intersection Traffic Volume: **5,280**

