

C and G Development

Traffic Impact Analysis Overview

June 5th, 2013

CITY OF KIRKLAND

Hearing Examiner Exhibit

Applicant

Department

Public

FILE # SUB 12-00560



Presentation Outline

- Study Approach
- Project Trip Generation
- Project Trip Distribution
- Results
- Overview of Comments/Concerns

Study Approach

- *Study Area*
 - *Two intersections identified as significant based on the City of Kirkland's proportional share impact worksheet.*
 - *Five **additional** study intersections included*
- *Multiple Study Time Periods*
 - *PM peak hour analysis at all intersections*
 - *AM and afternoon peak hour analysis at 128th Avenue NE / NE 80th Street*

Project Trip Generation

- Daily - ~400 trips
- Weekday AM Peak Hour - ~34 trips
- Weekday PM Peak Hour - ~41 trips

Results

- LOS ranges alphabetically from LOS A (little to no delay) to LOS F (significant delay).
- City LOS Standard is LOS D or better.
- All intersections studied operate at LOS C or better during the weekday AM and PM peak hour.
- Traffic volumes along NE 80th Street would increase by approximately 1 percent (PM Peak Hour).

Results Cont.

- Increases of delay at study intersections is less than two seconds as a result project (PM Peak Hour).
- The site access at 128th Avenue NE / NE 80th Street operates at LOS C during the weekday AM, afternoon, and PM peak hour

Public Comments/Concerns

- **Access/Circulation**
 - *Access to/from the development will be provided at two locations: NE 75th Street and NE 80th Street*
 - *Concentration of traffic within the local system is diffused with approximately 50% of traffic utilizing each access to the development*
- **Inclusion of AM and Afternoon Peak Periods**
 - *Analysis was expanded to include additional time periods. Intersections would meet City of Kirkland performance standards*

Neighborhood Comments/Concerns

- **Pedestrian Safety and Related School Impacts**
 - *The project will install a pedestrian actuated crossing at the existing crosswalk located at the intersection of 128th Avenue NE / NE 80th Street*



Example RRFB – Kirkland Costco