

MEMORANDUM

TO: Michael Murphy, PE, LEED AP, Department Manager
LARSON ENGINEERING INC.
Early Childhood Family Center, Project Management Team
STILLWATER AREA PUBLIC SCHOOLS – DISTRICT 834

FROM: John Hagen, PE, PTOE, Senior Associate
Jeff Bednar, TOPS, Senior Traffic Engineering Specialist

DATE: May 4, 2011

SUBJECT: EARLY CHILDHOOD FAMILY CENTER – STILLWATER JUNIOR HIGH SCHOOL SITE
TRAFFIC IMPACT STUDY – HOURLY TRAFFIC VOLUME PROFILE GRAPHS

INTRODUCTION

As requested, we have completed a follow-up traffic analysis related the proposed Early Childhood Family Center (ECFC) co-located on the Stillwater Junior High School Site in the City of Stillwater, Minnesota. This follow-up traffic analysis supplements the ECFC Traffic Impact Study completed February 7, 2011.

TRAFFIC ANALYSIS

In order to help illustrate the existing traffic on Holcombe and 6th Streets, and the anticipated increase in traffic volumes as a result of the proposed ECFC facility, a traffic volume profile was prepared for each roadway. Exhibit 1 shows the hourly traffic volume profile on Holcombe Street south of Churchill Street and Exhibit 2 shows the hourly the hourly traffic volume profile on 6th Street south of Churchill Street. The background traffic volumes shown in Exhibits 1 and 2 (shown in light blue) are based on hourly traffic volume counts conducted during the week of April 18, 2011. The additional traffic volumes attributed to the proposed ECFC facility (shown in red on Exhibits 1 and 2) are based on traffic counts taken at the existing ECFC facility in Stillwater, and data provided by the ECFC staff.

As shown in Exhibits 1 and 2, the proposed ECFC facility will primarily add traffic to Holcombe and 6th Streets during the off-peak periods (i.e. 9:00 AM to 1:00 PM, 3:00 to 5:00 PM and occasionally 6:00 to 9:00 PM). Therefore, the proposed ECFC facility will not represent a significant adverse traffic impact on the study area roadway system.

Exhibit 1

Holcombe Street Weekday Hourly Traffic Volume Profile

Showing the ECFC Traffic Added to the Existing Background Traffic
Based on traffic counts conducted the week of April 18th, 2011

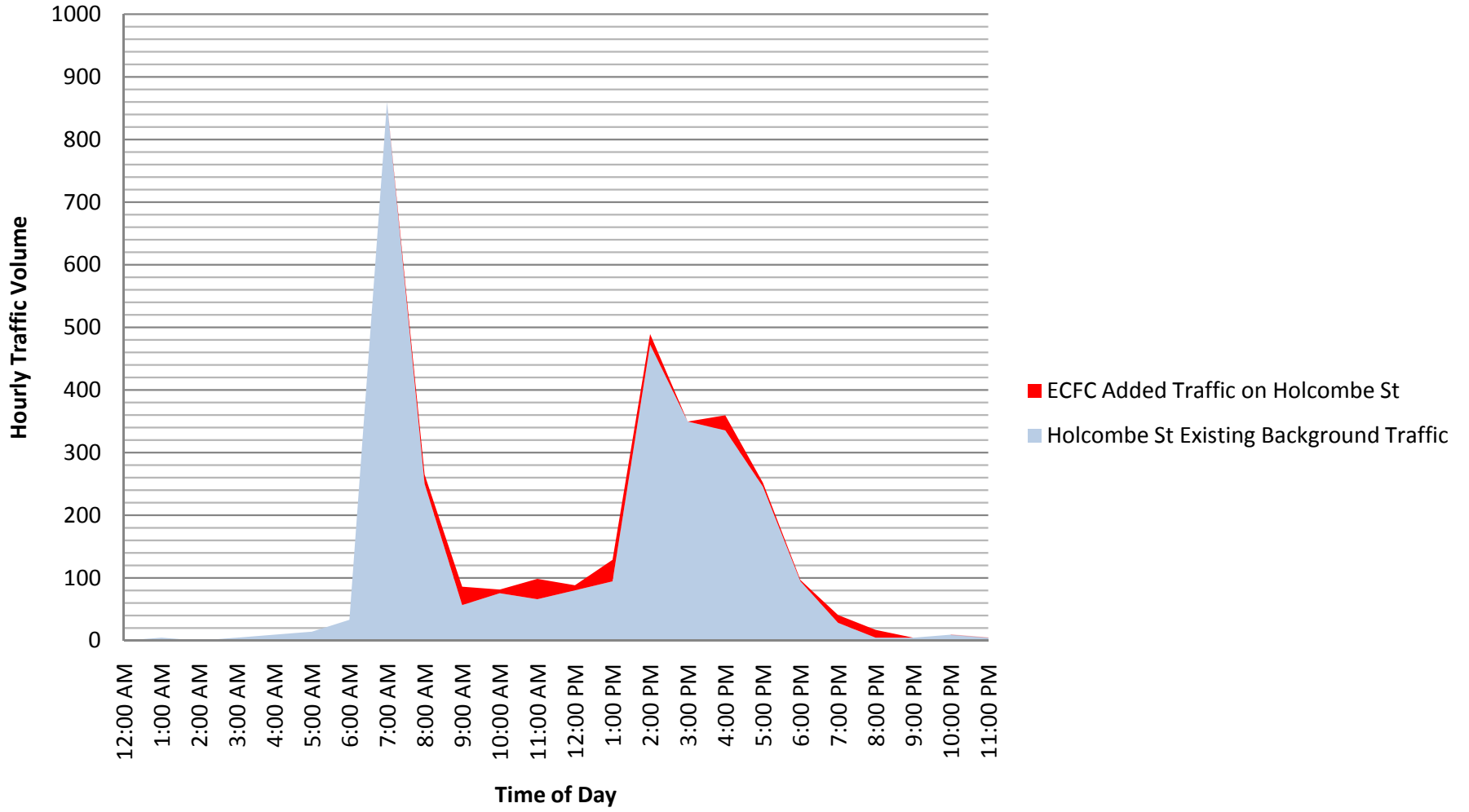


Exhibit 2

6th Street Weekday Hourly Traffic Volume Profile

Showing the ECFC Traffic Added to the Existing Background Traffic
Based on traffic counts conducted the week of April 18th, 2011

