A PROPOSAL TO LESSEN VEHICULAR ACCIDENT AT CORNER DELGADO-CONFESOR STREET AND DECONGEST TRAFFIC AT REAL STREET, ZARRAGA, ILOILO ALONG ILOILO CAPIZ NATIONAL ROAD (NEW ROUTE)

A RESEARCH PAPER

Submitted for the Course

Special Problem

School of Graduate Studies

Central Philippine University



In Partial Fulfillment

Of the Requirements for the Degree

Of Master of Engineering

by

Perla P. Solacito

Civil Engineer

May 2001

ABSTRACT

The traffic volume based on VCR of 0.990 which is at full capacity and vehicular accident rate of 19.50 on the average annually, supported the need to divert traffic flow to decongest the traffic at Real St. and to lessen vehicular accident at corner Delgado-Confesor St. The Zarraga alternate/by-pass route is thus proposed, 1 kilometer long extending Confesor St. at the back of Zarraga Municipal Hall and connecting with the lowland area at the back of Zarraga Central Elementary School exiting at the national highway before the Janipa-an bridge.

The by-pass route which approximately costs ₱ 57 M is more than justifiable to exchange not only for the inconvenience of travel but also for the risk of accident posing great hazards to lives of commuters, drivers and pedestrians. Its construction, therefore, is strongly recommended.