



Memorandum

TO: Ms. Susan Maish
Jaeger, Nickola, Kuhlman and Associates

FROM: Stephen B. Corcoran, P.E., PTOE
Director of Traffic Engineering

DATE: August 23, 2017
Revised September 25, 2017

RE: St Edna Catholic Church Parish Center
Traffic and Parking Addendum
Arlington Heights, Illinois

This addendum addresses the changes in the St. Edna Catholic Church site plan for their proposed Parish Center on their campus at 2525 North Arlington Heights Road in Arlington Heights, Illinois. Eriksson Engineering Associates had prepared a traffic and parking study, dated October 25, 2013, for a 10,800 square foot Parish Center with 395 parking spaces. That study concluded that the use of the Parish Center does not increase the traffic volumes and parking demand at the church because the use of the center would not occur concurrently with any religious activities in the church. A parking variation of 228 spaces was approved since the peak parking demand was 309 vehicles.

Since the completion of the original study, the site plan has been revised several times and now shows a 13,490 square foot Parish Center with a 377 space parking lot. The required parking, per the Zoning Code, is 629 parking spaces (see attached JNKA memorandum) and requires a variation of 252 spaces.

As indicated previously, the church, the Doherty and Hurley Centers, and the Parish Center would not be used concurrently which require 252, 216, and 161 spaces respectively with each use less than the parking provided. Please note some activity in the Doherty and Hurley Centers occurs during services but not at full occupancy.

Parking surveys by EEA in the 2013 analysis during Sunday services and weekday evening religious education classes found the peak parking demand at 309 spaces on a Sunday. The proposed 378 space parking lot can easily accommodate this demand.

The traffic analysis in the 2013 report analyzed Sunday services and weekday evening religious classes and found good operating conditions. The proposed changes to the site plan will not alter those conclusions.

CONCLUSIONS

The traffic and parking analysis analyzed the proposed Parish Center developed the following conclusions:

1. The proposed use of the Parish Center will not increase the trip generation or parking demand at St. Edna's Church.
2. Plastic bollards could be installed at the North Driveway to prevent left-turns into the driveway from Arlington Heights Road. They would be located on church property.
3. No improvements are required at the South Driveway.
4. The parking supply will be increased from 356 spaces to 377 spaces which meets the needs of the church.
5. A parking variation of 252 spaces from the zoning code is warranted because the St. Edna's Church does not plan on scheduling two concurrent events in the Parish Center and the existing Church facilities.