

**Project background and projected cost of additional exit doors per Nagle Hartray Architecture**

The project was designed and built to meet the means of egress code requirements at the time. The codes were 2003 International Building Code with Amendment ORD 2005-21 and the Illinois Accessibility Code. The current code used by the Village of Gurnee is 2012 International Building Code with ORD 2012-30 and the Illinois Accessibility Code.

The building use group, the occupancy count and calculations and the egress width requirement for doors have not changed between the two versions. Therefore, the building is in compliance with the most current codes related to this topic.

If the library would like to add more exit doors, this can be done but is not required per code. The locations shown on the plan have varied conditions and would require design for each unique location. The exterior grade conditions will need to be considered – is it accessible from interior to exterior, is there an accessible path of egress leading to a sidewalk or an area of safe refuge. In addition, the interior conditions will need to be reviewed. Currently at three of the four locations indicated in the plan, the collection configuration will need to be changed for bookshelves are located on these walls. Finally, the additional doors create additional intrusion/security points for the library to monitor. These are a few items to consider when evaluating this request.

In terms of cost, we prepared a magnitude of probable cost.

Construction Cost: \$40,000.00 (approx. \$10,000.00 per door due to type, electric and low voltage needs)

Professional Service Fees:

Architectural	\$18,000.00
Elec/Low Voltage	\$7,000.00
Civil	\$5,000.00

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**TOTAL Probable Project Cost \$70,000.00**

Please note this is an estimate.