Background: In 2017, an inspection of our fire alarm system by the City Fire Marshal and his consultants resulted in a recommendation that the current fire alarm panel be upgraded no later than the completion of the North Expansion Project (scheduled for 2019).

A new fire alarm panel and replacement of old pull stations, heat & smoke detectors, and strobe / horns will bring the entire building up to code by making the entire system addressable. The current system merely reports what "zone" an alarm was actuated. The new system reports the exact (unique) address of each device in the building. Also included in the Fire Marshal's recommendations are the installation of new devices in the elevator and Information Technology Office.

Cost: We anticipate the cost of the project to be no more than $30,000 since the existing wiring can be used for virtually all of the devices. Due to savings on the West Expansion Project and other additions to Capital Reserves, the Library has the funds to complete the project now, in Fiscal 2018. Because the project is over $20,000, we will have to create a bid package and advertise for bids. Management will explore the cost of hiring a technician to assist us in preparing the bid package and evaluating the bids we receive. The upgrade and installation work itself will likely take one to two weeks to complete.

Recommendation: This is a project that is necessary for our continued occupancy of the building. While the Fire Marshal granted a delay in implementation following the West Expansion, and has assured us that there is no immediate danger, we will be required to bring the building up to code no later than the completion of the 2019 North Expansion. Since we have the funds to complete this project now, and since the cost is unlikely to go down by delaying it, **management recommends we begin the bidding process now and plan on completing the upgrade this Fiscal Year**.

Current Fire Alarm Control Panel:

Main Entrance Annunciator Showing Only "Zones", Not Individual Addresses Of Devices:

A Typical Pull Station: **A Strobe / Horn:**