

# Wi-Fi Access Point Replacement Request

As of 2/12/2025 Monarch has only provided a tentative cost for replacement. This is based on the unofficial cost breakdown I received from Carl. So, this is subject to change but likely to not exceed this cost.

Current AP's were installed in Spring of 2019 and cost \$15,755.00

## Cost Breakdown

Total cost for replacement - \$16,000 (\$800 per device, 20 devices to replace)

Per device cost information

- \$450 – Access Point (Model: AP4000-WW)
- \$217 – Cloud management and statistic's 5-year license. This is required to manage the device and collect session count information.
- \$133 – Extended Warranty next business day replacement

## Advantages of Upgrading

- **Less Congestion and Interference** – Support for Wifi 6E which adds the 6GHz band. This is great as the 2.4 and 5 GHz bands tend to have a lot of interference especially in the middle of a city.
- **Lower latency** – As an effect of less inference, less data is lost in transmission and this provides a smoother and more reliable connection. Example: Video conference or anything live streamed will be more reliable and perform better.
- **More Device Capacity** – With the addition of the extra band and protocol improvements Wi-Fi 6E AP's can handle more devices with less congestion.
- **Improved Security** – Wi-Fi 6 introduced WPA3 which provides better encryption on password protected networks such as the Staff Wi-Fi and other hidden Wi-Fi networks used with our devices.