

September 5, 2019
Onondaga CSD
King + King Project #19-44-6686
Meeting Minutes – Day Automation

Attending:	Position:
Rob Price	OCSD
Jennifer Woody	OCSD
Michael Aiken	OCSD
Frank Battersby	Day Automation
Frank Reid	F S Engineering
Frank Walczak	K+K

Long Range Plan – Video Surveillance and Access Controls:

I. Purpose:

To review existing systems and currently planned work with Day Automation and FS Engineering to aid in continued development of the District’s Long Range Plan (LRP) and a more accurate proposed scope for the next Capital Improvements Project (CIP).

II. Camera & Door Access Overview:

A. Cameras:

1. The District has been adding interior/exterior cameras yearly via \$35k Camera Incentive Program. Most exterior cameras are 8 mega-pixels. More cameras are currently planned. The higher 16 & 30 mega-pixel cameras are beyond allowed cost limits of the \$35k Incentive Program.
2. Existing NVR’s: HS/Wheeler 60 terabyte; Rockwell 30 terabyte. Last upgrade is 4 years old. New NVR will be required with addition of more cameras. Move existing 60tb to Rockwell, new 157tb for HS/Wheeler.
3. Still some additional exterior coverage required (i.e. football field, exterior doors, parking lots, etc).
4. District would like additional interior cameras to cover doors to exterior and persons entering/exiting, and possibly those individuals propping doors. Interior cameras can be lower mega-pixel and are less expensive. District would also like to monitor stairwells.

B. Door Access Controls:

1. Although there have been some requests, the District feels they currently have adequate exterior door card readers at each building.
2. Frank Reid suggests adding door contacts at every exterior door currently unequipped. This will allow the Continuum system to monitor door status and intrusion detection. Alarms and/or notifications can be sent via various platforms to designated individuals.

III. Suggestions/Recommendations:

- A. District will continue to add cameras as needed via the \$35k Incentive Program. Focus should be interior cameras if possible, allowing best value for dollar. LRP for next CIP should focus on exterior cameras.
- B. District will investigate means to purchase new 157tb NVR ahead of the CIP as this will likely be needed currently planned cameras. Capital Outlay Project or BOCES Leasing Program was discussed. Approx \$36k per Frank Battersby.

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IV. Conclusions/Cost Impact:

- A. High School Estimates: Surveillance System will hold at \$125k; Door Access Control will reduce from \$75k to \$25k allowing for door contacts and monitoring only; **ADD** Building wide Paging System to scope \$100k.
- B. Wheeler ES: Surveillance System will reduce from \$125k to \$75k; Door Access Control will reduce from \$50k to \$25k allowing for door contacts and monitoring only; **ADD** Wireless Clock System to scope \$30k.
- C. Rockwell ES: Surveillance System will reduce from \$125k to \$75k; Door Access Control will reduce from \$50k to \$25k allowing for door contacts and monitoring only.
- D. Transportation Building: **ADD** Video Surveillance to scope \$50k.
- E. Overall Cost Impact: Reduced 2019 Construction Cost by \$20,000.

V. Action Items:

- A. **K+K:** Will update LRP Scope/Estimate per changes discussed prior to September 9th Committee Meeting to share with the group.
- B. **District and Day Automation:** Will continue to update K+K/FSE with camera additions and needs as the CIP scope further develops.

These notes are being taken on the Owner's behalf and written additions or corrections are invited. If no comments are received within 5 days after receipt of these notes, they will be considered correct. Meeting minutes are distributed electronically via email.

King + King Architects LLP

Frank Walczak
Project Manager