

CAMERA PROPOSAL

Since early 2021, Chief Newton began exploring the various options for a camera system in the downtown area. Specifically, the cameras would cover Main Street, the park, and the community garden areas. The system would be expandable if future camera locations were desired.

During Chief Newton's research, he found the Avigilon camera system to be the most compatible with our desired needs. These cameras are in use in a number of businesses and outside locations. The Dearborn Police Department, 2/42 Community Church (7 campuses), as well as Brighton PD, Woodhaven Pd, Lincoln Park PD, Brownstown PD, and Wayne County all use this system.

Various options and configurations were explored regarding cell signal usage, Wifi transmission, on-site server or DVR systems. Next, at each of the desired camera locations, it was determined that power and a mounting pole needed to be available before any camera system could be installed. Michigan Electric out of Stockbridge supplied the best quote for electrical install.

Absolute Security & Investigations and Image Technology submitted estimates for system installation. Both are reputable companies with quality references. It is my recommendation that we utilize the Image Technology installer as they were the least expensive of the two.

CAMERA LOCATIONS:

The proposed locations for the camera system are as follows:

1. North side of the Police Department. This is a 270 degree camera that covers Livingston St and the S/W corner of the park. It also covers Livingston St behind the PD and the Pinckney Diner.
2. Livingston/S Howell: This is a 270 degree camera on the south side of Livingston in front of the State Farm building. This covers Livingston Street to Mill Street on the east and the front of the Diner on the west. This camera projects out into the park past the playground.
3. Mill Street – Mid block. This camera is a "bullet" camera that looks forward facing, west across the main area of the park.
4. E Main/Mill Street: This camera is a 360 degree camera that looks into the park, the gazebo and sidewalk area. It also looks both ways down Main St. This camera is at the s/w corner.
5. N Howell/Main Street: This is a 270 degree camera that looks south/east into the park and intersects with the other camera views. The camera will be located on the n/w corner.
6. The last camera is on W Main and overlooks the community garden.

These cameras all feed back to a 24 Terabyte digital video recorder (DVR) system that will retain video for 30 days before it overwrites the oldest footage. The DVR will be housed at the police station as well as the monitor for viewing.

Four of the six cameras will point directly into the park with a fifth camera viewing the corner of the park in front of the Diner.

PUBLIC SAFETY

This type of camera system is widely in use for public safety. Though not constantly monitored, the system will aid in identifying potential problems that could arise in the park and garden areas. If an incident does occur, the footage will assist the department with identifying victims, witnesses, and perpetrators so proper follow up can be done. With the assistance of the Township, the police department can perform its duties more effectively and efficiently as it would give the ability to observe the area when we are not physically present.

This system poses no constitutional problems as it would view no more than consumer purchased systems like Ring and Arlo or commercial systems in use by local businesses.

CAMERA SYSTEM COSTS:

Item Description	Qty	Rate
HD Video Appliance Pro 24 Port 24 TB Unit	1	6,554.34
4x 5MP, WDR, Light catcher, 2.8mm, Camera Only	5	1,943.59
Outdoor Pendant Mount Adapter	5	194.26
Pole Mount Adaptor for use with H4A-MT-Wall 1,	5	76.54
Corner mount adapter for use with H4A-MT-Wall 1	1	94.68
Dome Bubble and Cover, for outdoor surface mount	5	168.32
Light Catcher, 3.3-9mm f/1.3 P iris lens	1	1,079.89
HD Bullet, H4SL HD Bullet	1	131.15
WDR, Light Catcher, Day/Night, Outdoor	4	446.35
Dome, 3.1-8.4mm f/1.6, Integrated IR Standard Edition License	10	145.85
8130PL-6PUHCFP Cat6 Plenum Purple 0.5		356.40
Misc Wire, Cable, Ends 1		200.00
UCK-G2 The Cloud Key (UCK G2) is a Next Generation	1	291.65
UniFi OS Console USW- Industrial 8 Port Industrial Switch	5	723.65
US-8-150w Ubiquiti Networks UniFi Switch 8 Port 150 Watts	1	519.80
AM-5G17-90 airMax Sector 5 GHz, 90, 17 dBi Antenna	2	96.50
NS-FAC-US airMAX NanoStation AC 5 Ghz Radio	6	224.15
Misc Enclosures	5	225.00
Senior Field Technician	1	9,300.00

INSTALLATION BREAKDOWN:

Electrical installation:	\$ 5,217.50
Camera system installation:	\$ 42,175.69
Tree removal:	\$ 5,000.00 (estimated)

Total: \$52,393.19

Village of Pinckney (33%)	\$17,500.00
Pinckney DDA (33%)	\$17,500.00
Putnam Township (33%)	\$17,500.00