City of Hiawatha!
Public Works

Memo

To: Mayor, Kim, City Council

From: Rod Jasa and John Bender

Date: January 10, 2020

Re: Installation Agreement of Traffic Monitoring Cameras and switches at Signalized Intersections

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As part of our 28-E agreement we are requesting that we allow Cedar Rapids to install 6 Pan, Tilt, Zoom(PTZ) monitoring cameras and 6 fiber switches at the 5 existing signalized intersections and at the future Willman & Center Point Road in Hiawatha. The cost of each PTZ camera, switch and installation is $5,000. This project is part of our Fiber Connectivity Project between city facilities and the upgrade to our traffic light signalization.

The PTZ cameras will allow the intersection to be monitored remotely. With this camera you will be able to monitor traffic, diagnose issues, check signal heads, do traffic counts and do some limited video recording. The camera can also be directed at different legs of the intersection. The switches allow the fiber to be hooked up to the traffic signal control box. All future signalized intersections will have PTZ cameras installed as part of the plans and will be ready for fiber installation.

We recommend that Council authorize the installation of 6 PTZ cameras and fiber switches at Hiawatha's 6 signalized intersections with a total project cost of $30,000.

Submitted by:

Rod Jasa

PTZ Camera

DRAFT

RESOLUTION NO. 20-
City Council

RESOLUTION AUTHROZING STAFF TO PROCEED WITH THE INSTALLATION OF TRAFFIC SIGNAL MONITORING CAMERAS AND SWICTHES AT SIX (6) INTERSECTIONS

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, authorizing staff to proceed with the installation of traffic signal monitoring cameras and switches at six (6) intersections.

Traffic Signal Maintenance and Installation of Control Equipment at six (6) intersections:

- Boyson Road at I-380 SB;
- Boyson Road at I-380 NB;
- Boyson Road at N. Center Point Road;
- Boyson Road at Robins Road;
- Center Point Road at Emmons Street;
- Center Point Road at Willman Street

Cameras and switches will be installed by the City of Cedar Rapids and monitored by the City of Cedar Rapids as per our 28E Agreement between the Cities of Cedar Rapids and Hiawatha with a total project to cost of $30,000. Funds are available through our Fiber Connectivity Project between city facilities and the upgrade to our traffic light signalization.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 15th day of January, 2020.

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Bill Bennett, Mayor

ATTEST:

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Kari Graber, City Clerk