

CITY OF WASHINGTON

PLANNING & DEVELOPMENT DEPARTMENT

301 Walnut St. · Washington, IL 61571

Ph. 309-444-1135 · Fax 309-444-9779

<http://www.washington-illinois.org>

joliphant@ci.washington.il.us

MEMORANDUM

TO: Public Works Committee
FROM: Jon R. Oliphant, AICP, Planning & Development Director
SUBJECT: 2019 Orthophotography Project
DATE: September 25, 2018

The City of Washington has been asked to partner in a flight to produce new orthophotography within Tazewell County. The City last participated in a similar project in the spring of 2015. At that time, the flight produced 6-inch resolution for the entire area. There has been significant cost savings by doing this as a regional project and the goal is to have the orthophotography updated every 3-4 years for the County and its municipalities.

This project would update the aerial photos from 2015. We have been asked to provide a share of the cost based on the number of improved parcels within the city limits and 1.5 mile extraterritorial planning jurisdiction. The total project cost would be offset from a grant obtained through the Tri-County Regional Planning Commission (TCRPC) of about \$45,000. Tazewell County has proposed to incur 50% of the cost with the municipalities sharing the other 50%.

The vendor (EagleView Pictometry) has offered two proposals: 1) 6-inch imagery for the full county and the Rapid Access – Disaster Response Program, which provides post-event imagery within 2-3 days within a disaster. The municipal cost for this is about \$6,600 with Washington's share at a not-to-exceed amount of \$1,007. 2) 3-inch imagery with 4-way oblique within the incorporated portions of the County, 6-inch imagery for the unincorporated portions, and 9-inch imagery with 4-way obliques within the unincorporated portions. This would allow access to Change Finder, which shows the before-and-after photos to more easily determine changes in infrastructure, land use, and the environment since 2015. This also includes maintenance for EagleView's Rapid Access Disaster Response Program, which provides post-disaster imagery within 2-3 days after an event. The municipal cost for this is \$88,250 with Washington's share at a not-to-exceed amount of \$13,464.

The County has offered to pay the entire bill in advance of the project and would then send an invoice to each municipality in the Fall of 2019 in order to adequately budget for the project. The County has also offered a three-year payment plan for any municipalities desiring that option. Approval of either proposal would require an intergovernmental agreement with Tazewell County. Tazewell County would be the project manager and handle all of the quality control issues with EagleView. It is expected that the flight would occur in the spring of 2019 and the product would be delivered later that fall.

General discussion is planned at the October 1 Public Works Committee meeting before seeking City Council authorization.

Attachment

EagleView Pictometry 6 Inch Standard Imagery Breakdown

Deliverable	Notes
6 Inch Certified Ortho. Imagery	Full County
Rapid Access – Disaster Response Program	Post –event imagery available in 2-3 days (For 1 year? – same as Maintenance Support?)

Full Cost (Apprx.)	\$61,000
Grant	\$(48,800)
Net Cost	\$ 12,200
County 50%	\$(6,600)
Remaining to Split	\$ 6,600

Flight Only Project	
Full Cost	\$ 61,000
Grant	\$ (48,800)
Net Cost	\$ 12,200
County 50%	\$ (6,600)
Remain to	
Split	\$ 6,600

Flight Only Cost Breakdown per Jurisdiction

Jurisdiction	Improved Parcels	%	Amount
Creve Coeur	2,375	5.96%	\$ 394
Delavan	764	1.92%	\$ 127
East Peoria	10,188	25.58%	\$ 1,688
Marquette Heights	1,123	2.82%	\$ 186
Morton	6,288	15.79%	\$ 1,042
Pekin	13,016	32.68%	\$ 2,157
Washington	6,077	15.26%	\$ 1,007
Corp Totals	39,831	100.00%	\$ 6,600

EagleView Pictometry 3/6/9 Inch Standard Imagery and Oblique with Change Detection Breakdown

Deliverable	Notes
3 Inch Imagery - 4 way oblique	Contiguous Heavily Populated Areas
3 Inch standard Imagery	Contiguous Heavily Populated Areas
6 Inch Certified Ortho. Imagery	Full County
9 Inch Imagery - 4 way Oblique	Rural (All areas except the heavily populated areas that are covered by 3 inch)
Access to Pictometry Connect (up to 5 logins per Cost share entity)	
Access to Pictometry Connect View Only	
Access to Connect ImageService	
Rapid Access – Disaster Response Program	Post –event imagery available in 2-3 days (For 3 years? – same as maintenance support?)
Access to Change Finder	Full County

Full Cost (Apprx.)	\$221,500
Grant	\$(50,000)
Net Cost	\$171,500
County 50%	\$(85,750)
Remaining to Split	\$ 85,750

September 26, 2018

Eagle View Project	
Full Cost	\$ 221,500
Grant	\$ (45,000)
Net Cost	\$ 176,500
County 50%	\$ 88,250
Remain to	
Split	\$ 88,250

Eagleview Cost Breakdown per Jurisdiction

September 26, 2018

Jurisdiction	Improved Parcels	%	Amount
Creve Coeur	2,375	5.96%	\$ 5,262
Delavan	764	1.92%	\$ 1,693
East Peoria	10,188	25.58%	\$ 22,573
Marquette Heights	1,123	2.82%	\$ 2,488
Morton	6,288	15.79%	\$ 13,932
Pekin	13,016	32.68%	\$ 28,838
Washington	6,077	15.26%	\$ 13,464
Corp Totals	39,831	100.00%	\$ 88,250