

# AGENDA

## KGIS Policy Board Meeting

Friday, May 20, 2016  
1:30 PM  
City/County Building  
Room 549

1. Call to Order / Approval of Minutes (January 29, 2016) **(V)**
2. Financial Reports / Current Status
3. FY 2017 Budget Request **(V)**
4. Long-Range Capital Forecast
5. Project Updates / Status Report
6. Public Comment
7. Next Policy Board Meeting (August 19, 2016)

**(V)** denotes that a vote be taken by the Policy Board

## 1. Call to Order / Approval of Minutes (January 29, 2016)

1. (V)

The minutes of the January 29, 2016 Policy Board can be found on the following page, or they can be accessed on the intranet via the following links.

- To access the January 29, 2016 **Policy Board** meeting minutes.  
<http://www.kgis.org/portal/Portals/0/Docs/PB/January%2029%202016.pdf>

**Note:** If you have trouble accessing this link, then it probably means that we (here at KGIS) need to update your login credentials on our web site....please send me an email at [kstump@kgis.org](mailto:kstump@kgis.org) and I'll be glad to look into it.

<i>Agenda</i>	
<b>1</b>	<b>Call to Order / Approval of Minutes</b>
2	Financial Reports / Status
3	FY 2017 Budget Request
4	Long-Range Capital Forecast
5	Project Updates
6	Public Comment
7	Next Meeting

### Policy Board Action

### Approve Minutes

## KGIS Policy Board Meeting Minutes

Friday, January 29, 2016

2:00 p.m.

Room 549 City/County Building

**Policy Board Members:** Mayor Tim Burchett, Knox County; Mintha Roach, President/CEO KUB;  
Mayor Madeline Rogero, City of Knoxville

**Others Present:** Ben Sharpel, County Purchasing ; Janet Wright, City IS; Mark Kenner, KUB;  
Jon Gustin, County IT; Chris Caldwell; County Finance; Keith Stump, KGIS;  
Donna Roach, KGIS

- 1. Call to Order / Change of Chair** – Mayor Rogero called the meeting to order and asked for a motion to change the chairperson to Mayor Burchett. Mintha moved for a motion, which was seconded by Mayor Burchett. The Policy Board approved the change of the chair.
- 2. Approval of Minutes** – Mayor Burchett asked if there were any questions or comments on the minutes from November 20, 2015 meeting. With no questions or comments, he asked if there was a motion to approve the minutes as written. Mayor Rogero made a motion, which was seconded by Mintha. The minutes were approved.
- 3. Aerial / Topographic Project Approval** – KGIS wishes to enter into a contract with The Atlantic Group, LLC for delivery of updated aerial and topographic map products covering Knox County and the extended KUB service area outside of Knox County. KGIS asks for approval to adjust KGIS's FY 2016 budget to allow expenditures of up to \$260,000 for Phase I, \$99,000 of that total has already been provided, but KGIS asks for an additional \$170,000 from the Policy Board to cover the remaining cost of the contract. KGIS also asks the Policy Board to approve the contract with The Atlantic Group, LLC and to be allowed to issue a formal "Notice to Proceed" to Atlantic. Mayor Burchett asked for a motion to approve KGIS's request for contract approval with The Atlantic Group and for the Policy Board to provide the additional requested funds. Mintha made the motion, which was seconded by Mayor Rogero. The Atlantic Group, LLC contract was approved with the additional funds being provided by the Policy Board.
- 4. Next Meeting** – KGIS suggests that the next meeting be delayed until the middle of March to allow KGIS time to work with the Executive Team and the finance departments on the FY 2017 Budget. Mayor Burchett asked for a motion to delay the next meeting. Mintha made the motion, which was seconded by Mayor Rogero. Delaying the next Policy Board meeting was approved. The Policy Board will be notified of a new date and time for the Mid-March meeting.

With no further discussion, Mayor Burchett asked for a motion to adjourn. Mintha made a motion, which was seconded by Mayor Rogero. The meeting was adjourned.

## 2. Financial Reports / Current Status

2.

Knox County Finance representatives will provide an overview of financial matters.

### Previous FY 2015 Financials

The audited FY 2014-2015 financial report from Pugh & Company, P.C. can be found at the following Link: <http://www.kgis.org/portal/Portals/0/Docs/PB/FY15-KGIS%20Financial%20Statements.pdf>

In its findings, the audit did make recommendations for improvement to KGIS's internal controls over its receipting of funds. The KGIS Office, after consultation with Knox County Finance, implemented those recommendations back in Nov. 2015.

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### Current FY 2016 Net Position

As of March 31, 2016	Year to Date Actuals		
<b>Operating Revenues:</b>			
City of Knoxville	\$ 369,445		
KUB	727,661		
Knox County	374,330		
Map Sales	153,550		
<b>Total Operating Revenues</b>	<b>1,624,986</b>		
<b>Operating Expenses:</b>			
Personnel Services	377,832		
Employee Benefits	125,651		
Contracted Services	524,286		
Supplies and Materials	6,497		
Rent	51,111		
Capital Outlay	56,243		
Insurance	2,366		
<b>Total Operating Expenses</b>	<b>1,143,986</b>		
Operating (loss) income	481,000		
<b>Nonoperating Revenues:</b>			
Metropolitan Planning Commission	22,394		
Knoxville-Knox County Emergency Communications District	1,400		
Knox County Schools	3,325		
EMA	313		
<b>Total Nonoperating Revenues</b>	<b>27,432</b>		
Change in Net Position	508,432		
Total net position -beginning of year	358,902		
Total net position -ending of year	<b>\$ 867,334</b>		
KGIS has spent 78% of their budget (excluding the pass-thru expenditures) which is consistent with our expectations for this time within the fiscal year.			

<b>Current FY Map Sales</b> as to 3/31/2016	
Subscriber: Level II Partners	49,082
Subscriber: MPC	4,000
Subscriber: E911	45,000
Subscriber: Schools	25,184
Subscriber: Value Added Partners	15,143
Digital Licenses	11,412
Map Sales	3,729
<b>Total Fund Contributions</b>	<b>153,550</b>

## Policy Board Action

Non Required

### 3. FY 2017 Budget Request

### 3. (V)

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KGIS's efforts in the next year will focus on the following:

## GOALS for 2016-2017

- Complete the Aerial / Topographic Map Updates
- Support integration with Work-Order/Asset Management and Sign Inventory
- Publish comprehensive Listing of services, maps, and data for leveraging by software developers of City, County, KUB
- Finalize an Improvement Plan for KGIS's web products

## OPERATING

**KGIS is seeking a 5.4% increase in Operating from last year: from \$1,000,000 to \$1,053,831.** (Each Tri-Party member's share to go from \$333,333 to \$351,277 – an increase of \$17,944 each).

### Significant items influencing the increase to Operating:

- Salaries: \$14,638 increase *(based upon County recommendations)*
- Fringe: \$ 4,365 increase *(based upon County recommendations)*
- Other Professional Services: \$ 9,800 increase *(auditing and financial services have increased)*
- Contracted Services \$30,000 increase *(includes the following:)*

#### - Web Security Audit:

*Last audit conducted in 2008 following the M2E software upgrade. Significant changes to KGIS's web architecture has occurred since that time. Audit will identify and evaluate potential security threats to the KGIS systems. Estimated Cost: \$15k*

#### - Application Development / Consulting Services:

*To support upgrade to KGIS's web content management solution (CMS) and to assist with KGIS's routable road network design. Estimated Costs: \$15k*

## **CAPITAL**

## **3. (V) continued**

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KGIS is proposing a capital outlay of **\$104,500** be **funded entirely from existing and projected External Revenue funds** for the following items.

- **Large Equipment:**

Backup Server Replacement \$12.5k

*Server and tape library dedicated to weekly / monthly system tape backups. 5 year-old server; end of support 3-5-2017*

Web Portal Database Server Replacement \$15k

*Server that hosts KGIS's Web Portal. 5 year-old server; end of support on 6-21-2017.*

- **Small Equipment:**

Laser Printer \$4k

*Used for all office document printing; 12 years old, maintenance not available after Sept 2016*

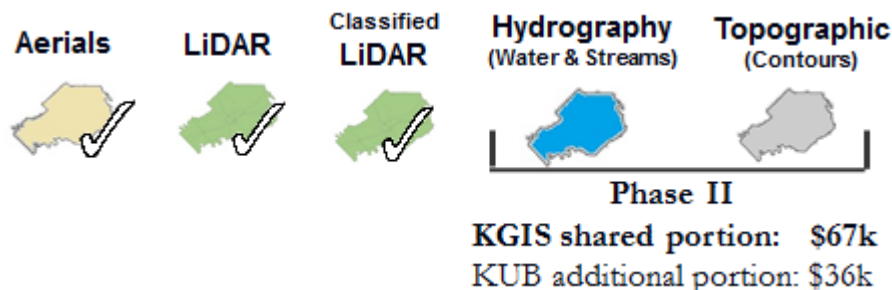
Large Format Map Plotter \$6k

*Used for all large, production quality paper maps; to support Tri-Party departments and map sales. 4 years old; Maintenance not available after Dec 2016.*

- **Contracted Services:**

Aerial: Phase II of the Atlantic Contract to Update Topography: \$67k

*Update KGIS's 8-year-old topographic and hydrographic map products (by using the Aerial and LiDAR products acquired in Phase I Spring 2016)*



*Phase I is already funded; on target for 25-Aug-2016 completion, with the following key deliverable dates:*

- Unclassified LiDAR data – 12-May-2016
- Pilot Area of Classified LiDAR and Aerial Ortho-Photos – May 20, 2016
- Classified Lidar (four deliveries); final delivery date 5- Aug-2016
- Aerial Ortho-Photography (four deliveries); final delivery date 25-Aug-2016

*Phase II will have a targeted finish date of 31-Dec-2016.*

- Updated Hydrographic (water) GIS Layer
- Updated Classified LiDAR
- Updated Topography (contour) GIS Layer

# FY 2017 Proposed Expenditures Small Account Codes

Does NOT include Pass-Thru Expenditures

3. (V) continued

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FY 2017 Proposed Expenditures Small Account Codes								
9540110	Operating Expenses	Budgeted	Adjusted Budget	Projected Actual	Proposed	\$\$ Diff	% Diff	% Diff
		2016	FY 2016	2016	2017	2017 vs Adj 2016	2017 vs Adj 2016	2017 vs Act 2016
518900	OTHER SALARIES AND WAGES	\$517,963.00	\$517,963.00	\$518,521.39	\$ 532,601.00	\$14,638	2.83%	2.72%
520100	SOCIAL SECURITY	\$38,400.00	\$38,400.00	\$38,910.19	\$ 38,675.54	\$276	0.72%	-0.60%
521100	RETIREMENT	\$31,390.00	\$31,390.00	\$31,366.01	\$ 32,213.45	\$823	2.62%	2.70%
521155	VOLUNTARY RETIREMENT MATCH	\$25,090.00	\$25,090.00	\$24,822.24	\$ 27,591.80	\$2,502	9.97%	11.16%
520700	HEALTH INSURANCE	\$81,510.00	\$81,510.00	\$76,236.20	\$ 82,322.88	\$813	1.00%	7.98%
520600	LIFE INSURANCE	\$525.00	\$525.00	\$548.92	\$ 476.10	-\$49	-9.31%	-13.27%
529800	AUTO ALLOWANCE	\$4,290.00	\$4,290.00	\$4,290.00	\$ 4,290.00	\$0	0.00%	0.00%
539900	OTHER PROFESSIONAL SERVICES	\$18,200.00	\$18,200.00	\$25,285.61	\$ 28,000.00	\$9,800	53.85%	10.73%
533600	MAINTENANCE	\$155,115.00	\$155,115.00	\$154,545.06	\$ 157,576.00	\$2,461	1.59%	1.96%
530700	COMMUNICATIONS / IT RELATED CHARGES	\$15,562.00	\$15,562.00	\$13,916.75	\$ 15,194.68	-\$367	-2.36%	9.18%
539930	OTHER SERVICES DAILY OP/FREIGHT EXPENSES/POSTAGE	\$100.00	\$100.00	\$94.12	\$ 100.00	\$0	0.00%	6.25%
533500	SERVICES/MAINT OF BLDG SECURITY	\$300.00	\$300.00	\$300.00	\$ 300.00	\$0	0.00%	0.00%
530900	CONTRACTED SERVICES	\$0.00	\$0.00	\$0.00	\$ 30,000.00	\$30,000	100.00%	100.00%
535500	EMPLOYEE TRAVEL/EDUCATIONAL TRAINING	\$24,320.00	\$24,320.00	\$21,346.58	\$ 19,078.00	-\$5,242	-21.55%	-10.63%
541870	GROUNDS/BLDGS REPAIR/MAIN/IMPROVEMENTS	\$100.00	\$100.00	\$100.00	\$ 100.00	\$0	0.00%	0.00%
549950	OTHER MATERIALS AND SUPPLIES	\$250.00	\$250.00	\$208.30	\$ 250.00	\$0	0.00%	20.02%
543500	OFFICE SUPPLIES/MINOR EQUIPMENT/SOFTWARE	\$20,502.00	\$20,502.00	\$23,867.95	\$ 19,419.00	-\$1,083	-5.28%	-18.64%
542900	EDUCATIONAL MATERIAL	\$460.00	\$460.00	\$275.00	\$ 585.00	\$125	27.17%	112.73%
550200	INSURANCE RELATED EXPENSES	\$250.00	\$250.00	\$250.00	\$ 250.00	\$0	0.00%	0.00%
551300	WORKERS COMPENSATION CHARGES	\$2,000.00	\$2,000.00	\$1,806.00	\$ 2,000.00	\$0	0.00%	10.74%
551505	LIABILITY CHARGES	\$500.00	\$500.00	\$555.00	\$ 555.00	\$55	11.00%	0.00%
559100	RENTAL	\$63,173.00	\$63,173.00	\$61,332.60	\$ 62,252.59	-\$920	-1.46%	1.50%
	<b>TOTAL OPERATING</b>	<b>\$1,000,000.00</b>	<b>\$1,000,000.00</b>	<b>\$998,577.92</b>	<b>\$1,053,831.04</b>	\$53,831	5.38%	5.53%
						\$\$ Diff	% Diff	% Diff
9540120	Capital Expenses	Budgeted	Adjusted Budget	Projected Actual	Proposed	2017 vs	2017 vs	2017 vs
		2016	FY 2016	2016	2017	Adj 2016	Adj 2016	Act 2016
530900	EQUIPMENT CONTRACTED SERVICES	\$0.00	\$0.00	\$0.00	\$0.00	\$0		
530900	AERIAL CONTRACTED SERVICES	\$0.00	\$175,000.00	\$174,671.00	\$67,000.00	-\$108,000	-61.71%	-61.64%
543500	SOFTWARE/MINOR EQUIPMENT	\$45,300.00	\$45,300.00	\$37,438.22	\$10,000.00	-\$35,300	-77.92%	-73.29%
571100	EQUIPMENT (CAPITAL ASSETS)	\$14,200.00	\$14,200.00	\$22,033.23	\$27,500.00	\$13,300	93.66%	24.81%
	<b>TOTAL CAPITAL</b>	<b>\$59,500.00</b>	<b>\$234,500.00</b>	<b>\$234,142.45</b>	<b>\$104,500.00</b>	-\$130,000	-55.44%	-55.37%

# FY 2017 Proposed Pass-Thru Expenditures

3.(V) continued

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Pass-Thru Expenditures								
FY 2017								
COUNTY			Operating: Software Maintenance: ESRI	Operating: Software Maintenance: Sidwell	Operating: Maintenance: Software: Citrix		TOTAL	
Community Development			\$ 343.10				\$ 343.10	
Engineering / Public Works			\$ 6,313.01				\$ 6,313.01	
Health			\$ 3,425.48		\$ 529.71		\$ 3,955.19	
Parks			\$ 570.91		\$ 88.29		\$ 659.20	
Property Assessor			\$ 6,719.22	\$18,852			\$ 25,571.22	
Sheriff			\$ 4,025.69				\$ 4,025.69	
Trustee			\$ 1,029.29				\$ 1,029.29	
<b>Total Pass-Thru Billable Costs</b>			\$ 22,426.70	\$ 18,852.00	\$ 618.00		<b>\$ 41,896.70</b>	
CITY			Operating: Software Maintenance: ESRI				TOTAL	
Community Development			\$ 550.42				\$ 550.42	
Engineering			\$ 22,529.82				\$ 22,529.82	
Fire			\$ 1,975.87				\$ 1,975.87	
IS			\$ 291.09				\$ 291.09	
Police			\$ 8,873.84				\$ 8,873.84	
Policy & Communication			\$ 330.78				\$ 330.78	
S Waterfront			\$ 330.78				\$ 330.78	
Parks			\$ 1,229.17				\$ 1,229.17	
<b>Total Pass-Thru Billable Costs</b>			\$ 36,111.78				<b>\$ 36,111.78</b>	
KUB			Operating: Software Maintenance: ESRI	Operating: Software Maintenance: Telvent	Operating: Software Maintenance: Bentley	Capital: Equipment: Dell Servers	Capital: Aerial: Extended Service Area Phase II	TOTAL
Various Depts			\$ 122,046.19	\$ 62,500.00	\$ 39,434.00	\$ (12,200.00)	\$ 35,517.00	\$ 247,297.19
<b>Total Pass-Thru Billable Costs</b>			\$ 122,046.19	\$ 62,500.00	\$ 39,434.00	\$ (12,200.00)	\$ 35,517.00	<b>\$ 247,297.19</b>
MPC			Operating: Software Maintenance: ESRI					TOTAL
Various Depts			\$ 22,394.05					\$ 22,394.05
<b>Total Pass-Thru Billable Costs</b>			\$ 22,394.05					<b>\$ 22,394.05</b>
E911			Operating: Software Maintenance: ESRI					TOTAL
Mapping			\$ 1,400.00					\$ 1,400.00
<b>Total Pass-Thru Billable Costs</b>			\$ 1,400.00					<b>\$ 1,400.00</b>
Schools			Operating: Software Maintenance: ESRI					TOTAL
Transportation Services			\$ 3,325.00					\$ 3,325.00
<b>Total Pass-Thru Billable Costs</b>			\$ 3,325.00					<b>\$ 3,325.00</b>
EMA			Operating: Software Maintenance: ESRI					TOTAL
Transportation Services			\$ 312.50					\$ 312.50
<b>Total Pass-Thru Billable Costs</b>			\$ 312.50					<b>\$ 312.50</b>



FY 2017 Software Maintenance	Amount	Last Year's Budget	Agenda
	FY 2017	FY 2016	
Bentley (KGIS Only)	\$0.00	\$0.00	1 Call to Order / Approval of Minutes
Brightstore ARCServer renewal	\$2,000.00	\$2,000.00	2 Financial Reports / Current Status
Canon Plotter	\$0.00	\$1,000.00	<b>3 FY 2017 Budget Request</b>
Citrix (KGIS Only)	\$225.00	\$225.00	4 Long-Range Capital Forecast
Dell	\$3,000.00	\$2,300.00	5 Project Status Update
DiskKeeper	\$0.00	\$178.00	6 Public Comments
Domain Registration (Network Solutions)	\$0.00	\$0.00	7 Next Policy Board Meeting
Doubletake (Mirroring)	\$4,450.00	\$4,200.00	
ESRI ELA (for KGIS Common)	\$90,000.00	\$90,000.00	
FireWall (SDG Blue / Checkpoint)	\$8,000.00	\$8,000.00	
FireWall (Hardware Maintenance)	\$0.00	\$0.00	
GeoCortex (ArcGIS web framework)	\$6,000.00	\$6,000.00	
HP Printer	\$900.00	\$900.00	
HP Switches (KGIS Only)	\$0.00	\$0.00	
LizardTech / MrSID	\$1,000.00	\$1,000.00	
ManageEngine OpManager	\$400.00	\$400.00	
Miscellaneous	\$900.00	\$0.00	
MicroSoft Software Assurance (Virtual)	\$1,751.00	\$1,751.00	
SSL certificate (Network Solutions)	\$1,400.00	\$1,400.00	
Oracle	\$31,150.00	\$29,160.86	
Overland Tape Library	\$1,350.00	\$2,000.00	
Qcoherent LP360 Lidar Viewer	\$1,500.00	\$1,500.00	
Pictometry IPA	\$500.00	\$0.00	
Safe Software (FME)	\$700.00	\$700.00	
SmartSheet	\$600.00	\$0.00	
Telerik Web Controls	\$750.00	\$1,400.00	
Virus Protection (Symantec)	\$1,000.00	\$1,000.00	
<b>Total KGIS Office</b>	<b>\$157,576.00</b>	\$155,114.86	

The KGIS Executive Team unanimously approved of the proposed budget at its March 10, 2016 meeting.

## Policy Board Action

**Approve FY 2017 Budget**

## 4. Long Range Capital Forecast

4.

Keith projects that long-range capital equipment and aerial expenditures can be fully funded from the map sales / subscription fees. The following are Keith's long-range projected expenditures for capital equipment and aerial.

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2017	LiDAR Phase II (8 yr cycle)	Landbase	7/1/2016	\$66,105
2017	Laser Printer / Copier / Fax (6 yr)	Hardware	9/1/2016	\$4,000
2017	Large Format Map Plotter (5 yr)	Hardware	12/1/2016	\$6,000
2017	Tape Backup System Replacement (5 yr)	Hardware	2/1/2017	\$12,500
2017	Web Portal Database Server (Sql Server) (5 yr)	Hardware	4/1/2017	\$15,000
2018	SAN Expansion	Hardware	8/4/2017	\$15,000
2018	Aerial Ortho (2 yr cycle)	Landbase	3/1/2018	\$85,000
2018	Failover / Test / Development System (5 yr)	Hardware	4/1/2018	\$20,000
2018	Mail Server (5 yr)	Hardware	4/1/2018	\$5,000
2018	Data Center and KGIS Offices Switch Replacement (5 yr)	Hardware	6/13/2018	\$12,000
2019	No Flight (get TDOT Region 1 photography)	Landbase	3/1/2019	\$0
2019	SAN Replacement (5 Year Cycle)	Hardware	5/1/2019	\$33,000
2019	Firewall Systems (5 yr)	Hardware	6/30/2019	\$40,000
2020	Aerial Ortho (2 yr cycle)	Landbase	2/1/2020	\$89,250
2020	Architecture Review/ Design	Services	2/1/2020	\$15,000
2021	Active Directory Infrastructure Servers (5 yr)	Hardware	10/1/2020	\$8,500
2021	File Server (5 year cycle)	Hardware	1/1/2021	\$10,000
2021	Network Switch and Data Center Infrastructure (5 yr)	Hardware	1/1/2021	\$18,000
2021	Caching Server (5 year cycle)	Hardware	3/1/2021	\$7,100
2021	Database Server (5 yr cycle)	Hardware	3/1/2021	\$10,000
2021	GIS Servers (5 yr cycle)	Hardware	3/1/2021	\$14,200
2021	Web Server (5 year cycle)	Hardware	3/1/2021	\$8,000
2022	SAN Expansion	Hardware	8/4/2021	\$10,000
2022	Web Portal Database Server (Sql Server) (5 yr)	Hardware	11/1/2021	\$15,000
2022	Large Format Map Plotter (5 yr)	Hardware	12/1/2021	\$6,000
2022	Tape Backup System Replacement (5 yr)	Hardware	2/1/2022	\$12,500
2022	Aerial Ortho (2 yr cycle)	Landbase	3/1/2022	\$90,000
2023	Laser Printer / Copier / Fax (6 yr)	Hardware	12/1/2022	\$4,000
2023	No Flight (get TDOT Region 1 photography)	Landbase	3/1/2023	\$0
2023	Failover / Test / Development System (5 yr)	Hardware	4/1/2023	\$20,000
2023	Mail Server (5 yr)	Hardware	4/1/2023	\$5,000
2023	Data Center and KGIS Offices Switch Replacement (5 yr)	Hardware	6/13/2023	\$12,000
2024	Aerial Ortho (2 yr cycle)	Landbase	3/1/2024	\$85,000
2024	LiDAR Phase I (8 yr cycle)	Landbase	3/1/2024	\$100,000
2024	SAN Replacement (5 Year Cycle)	Hardware	5/1/2024	\$33,000
2024	Firewall Systems (5 yr)	Hardware	6/30/2024	\$40,000
2025	LiDAR Phase II (8 yr cycle)	Landbase	7/1/2024	\$70,000
2026	Active Directory Infrastructure Servers (5 yr)	Hardware	10/1/2025	\$8,500
2026	File Server (5 year cycle)	Hardware	1/1/2026	\$10,000
2026	Network Switch and Data Center Infrastructure (5 yr)	Hardware	1/1/2026	\$18,000
2026	Aerial Ortho (2 yr cycle)	Landbase	3/1/2026	\$90,000
2026	Caching Server (5 year cycle)	Hardware	3/1/2026	\$7,100
2026	Database Server (5 yr cycle)	Hardware	3/1/2026	\$10,000
2026	GIS Servers (5 yr cycle)	Hardware	3/1/2026	\$14,200
2026	Web Server (5 year cycle)	Hardware	3/1/2026	\$8,000
2027	SAN Expansion	Hardware	8/4/2026	\$10,000
2027	Web Portal Database Server (Sql Server) (5 yr)	Hardware	11/1/2026	\$15,000
2027	Large Format Map Plotter (5 yr)	Hardware	12/1/2026	\$6,000
2027	Tape Backup System Replacement (5 yr)	Hardware	2/1/2027	\$12,500
2027	No Flight (get TDOT Region 1 photography)	Landbase	3/1/2027	\$0

Assumptions: Equipment replaced every 5-years; Topo update every 8 years; Aerial update every 2 years.

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Long Range Capital Forecast												
as of 3/31/2016												
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	as of 3/31/2016											
<b>Capital Aerial</b>	<b>Aerial + Topo</b>		<b>Aerial</b>		<b>Aerial</b>		<b>Aerial</b>		<b>Aerial + Topo</b>		<b>Aerial</b>	
Beginning Balance	(0)	329	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Revenues (Budget)	133,000	0	0	0	0	0	0	0	0	0	0	0
Transfer In	42,000	65,776	85,000	0	89,250	0	90,000	0	185,000	70,000	90,000	0
Expenditures	(174,671)	(66,105)	(85,000)	0	(89,250)	0	(90,000)	0	(185,000)	(70,000)	(90,000)	0
Ending Balance	329	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
<b>Capital Equipment</b>	<b>Production</b>	<b>Backup</b>	<b>Test / Dev</b>	<b>Firewall /</b>		<b>Production</b>	<b>Backup</b>	<b>Test / Dev</b>	<b>Firewall / SAN</b>		<b>Production</b>	<b>Backup</b>
Beginning Balance	0	0	0	0	0	0	0	0	0	0	0	0
Revenues (Budget)	0	0	0	0	0	0	0	0	0	0	0	0
Transfer In (Out)	59,500	37,500	52,000	73,000	15,000	75,800	43,500	41,000	73,000	0	75,800	43,500
Expenditures	(59,500)	(37,500)	(52,000)	(73,000)	(15,000)	(75,800)	(43,500)	(41,000)	(73,000)	0	(75,800)	(43,500)
Ending Balance	0	0	0	0	0	0	0	0	0	0	0	0
<b>Capital Non-Designated</b>												
Beginning Balance	0	94,050	93,958	86,326	142,694	167,812	221,380	217,248	305,616	176,984	236,352	199,920
Revenues (non Budgeted)	<b>Map Sales</b>	<b>Map Sales</b>	<b>Map Sales</b>	<b>Map Sales</b>	<b>Map Sales</b>	<b>Map Sales</b>	<b>Map Sales</b>	<b>Map Sales</b>	<b>Map Sales</b>	<b>Map Sales</b>	<b>Map Sales</b>	<b>Map Sales</b>
	153,550	103,184	129,368	129,368	129,368	129,368	129,368	129,368	129,368	129,368	129,368	129,368
Aerial Transfer In (Out)	0	(65,776)	(85,000)	0	(89,250)	0	(90,000)	0	(185,000)	(70,000)	(90,000)	0
Equipment Transfer In (Out)	(59,500)	(37,500)	(52,000)	(73,000)	(15,000)	(75,800)	(43,500)	(41,000)	(73,000)	0	(75,800)	(43,500)
<b>Ending Balance</b>	<b>94,050</b>	<b>93,958</b>	<b>86,326</b>	<b>142,694</b>	<b>167,812</b>	<b>221,380</b>	<b>217,248</b>	<b>305,616</b>	<b>176,984</b>	<b>236,352</b>	<b>199,920</b>	<b>285,788</b>
	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>

Policy Board Action

None Required

## 5. Project Update / Status Report

5.

Agenda	
1	Call to Order / Approval of Minutes
2	Financial Reports / Current Status
3	FY 2017 Budget Request
4	Long-Range Capital Forecast
<b>5</b>	<b>Project Update Status</b>
6	Public Comments
7	Next Policy Board Meeting

### Server and Software Upgrades

As of May 5, 2016, KGIS personnel have completed the planned spring 2016 software updates and hardware server replacements of the production (primary) system used by the Tri-Party organizations and general public. This was a significant effort, involving much coordination with respective IT and GIS user departments of the City, County, KUB and MPC.

### Aerial and LiDAR Acquisition

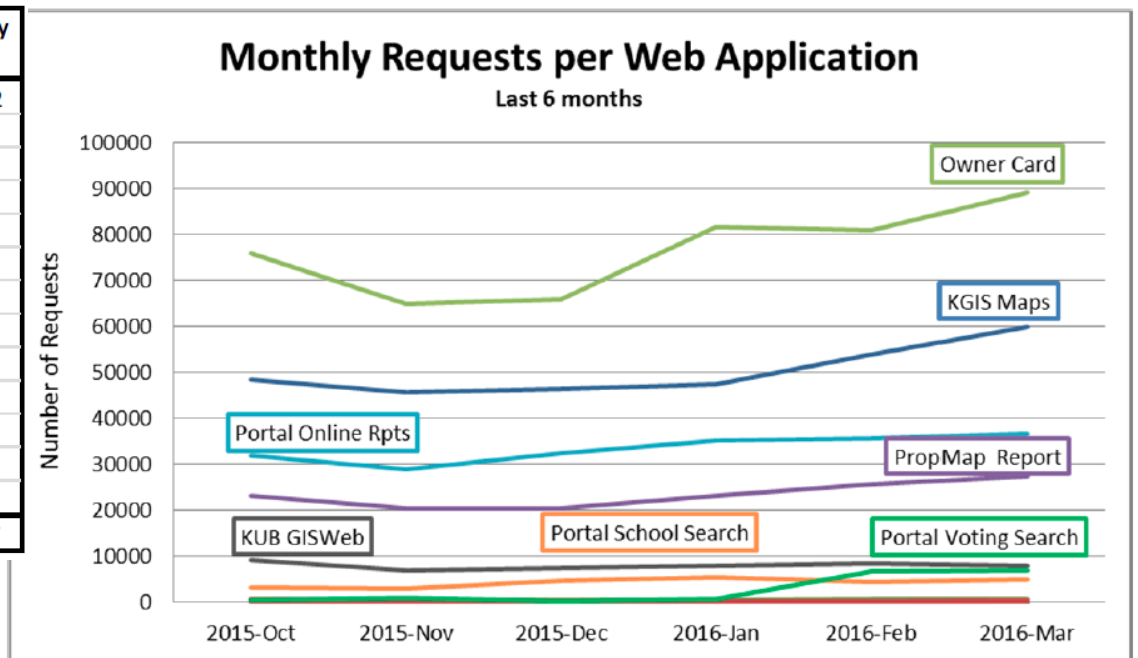
The LiDAR and Aerial Photography was flown by The Atlantic Group in March 2016. Atlantic delivered the pre-processed LiDAR point data three weeks ahead of schedule, with the next deliverable set for mid May. All indications are that the project is going smoothly and within schedule and budget. Phase I completion is scheduled for end of August 2016.

### Web Survey

A user survey was conducted (via Survey Monkey) to canvass the KGIS audience about current use of the websites, and to solicit recommendations for future improvement. The results of the survey will be presented to the Executive Team, and other key user departments, as part of KGIS's formulation of a Web Improvement Plan. KGIS is also collecting statistics to identify the most heavily used apps and map data. The graphs below highlight the most requested web-based applications.

March 31, 2016

Ranking of KGIS Web Apps by Number of Requests	
Owner Card	1187332
KGIS Maps	761087
Portal Online Rpts	505885
PropMap Report	356029
KUB GISWeb	120852
Portal School Search	119287
Portal Voting Search	19684
City Eng Maps	8339
Advanced Maps	7361
MPC Cases	6290
City Control Pts	4963
Trustee Tax Sale	424
KFD Hydrants	371
<i>From Jan. 2015 to Mar. 2016</i>	



### Policy Board Action

None Required

## 6. Public Comment

In accordance with KGIS Bylaws the Policy Board shall provide an opportunity for public comments.

6.

<i>Agenda</i>	
1	Call to Order / Approval of Minutes
2	Financial Reports / Current Status
3	FY 2017 Budget Request
4	Long-Range Capital Forecast
5	Project Update Status
<b>6</b>	<b>Public Comments</b>
7	Next Policy Board Meeting

### Policy Board Action

None Required

## 7. Next Meeting

The next regular Policy Board meeting is scheduled for Friday, August 19, 2016 at 1:30 pm.

### Policy Board Action

None Required

7.

<i>Agenda</i>	
1	Call to Order / Approval of Minutes
2	Financial Reports / Current Status
3	FY 2017 Budget Request
4	Long-Range Capital Forecast
5	Project Update Status
6	Public Comments
<b>7</b>	<b>Next Policy Board Meeting</b>