

AGENDA

KGIS Policy Board Meeting

Friday, May 20, 2022

1:30 PM

City/County Building

Room 575

(formerly Room 549)

1. Call to Order / Change of Chair **(V)**
2. Approval of Minutes (June 18, 2021) **(V)**
3. Financial Reports / Current Status
4. FY 2023 Budget Approval **(V)**
5. Project Updates
6. Public Comment
7. Next Meeting / Adjournment **(V)** (August 19, 2022)

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

1. Call to Order / Change of Chairperson

1. (V)

Under rules adopted by the Policy Board, the Chair rotates on an annual basis. The order of the rotation is County-KUB-City; therefore, for the calendar year 2022, the chair rotates from City of Knoxville Mayor Indya Kincannon to Knox County Mayor Glenn Jacobs..

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Policy Board Action

**Approve appointment of Knox County Mayor Glenn Jacobs as 2022
Chairperson**

2. Approval of Minutes (June 18, 2021)

2. (V)

KGIS Policy Board Meeting Minutes

Friday, June 18, 2021, 1:30 p.m.
Room 575, City County Building

Members Present: Gabe Bolas, CEO KUB; Indya Kincannon, City of Knoxville Mayor, Glenn Jacobs, Knox County Mayor

Others Present: Keith Stump, KGIS; Bryan Lynn, KGIS; Boyce Evans, City Finance; Mark Parker, City Information Services; Mark Keener, KUB IT; Jennifer Bodie, County Finance; Ted Hotz, Pugh CPAs; Travis Lowe; Pugh CPAs; Perry Benshoof; County Finance

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- 1. Call to Order / Change of Chairperson-** Gabe Bolas called the meeting to order. He asked for a nomination from the floor to change the chair to the City of Knoxville Mayor Kincannon. Mayor Jacobs made the nomination, which was seconded by Mr. Bolas and unanimously approved by the Policy Board.
- 2. Approval of Minutes** (Aug. 21, 2020) - Mayor Kincannon asked if there were any questions or comments on the minutes from August 21, 2020. With no questions or comments, she asked if there was a motion to approve the minutes as written. Mayor Jacobs made a motion, which was seconded by Mr. Bolas. The minutes were unanimously approved.
- 3. Financial Report** – Knox County Finance provided an overview of financial matters. Pugh and Associates summarized the audit from FY 2020 indicating that they did not find any policies or accounting practices that were not appropriate. They also found no transactions to which incorrect accounting practices had been applied.

The audit does contain a negative finding related to the management of vendor payment information because of a June 2019 email phishing \ deception scheme. It was noted, however, that management has already addressed the issue and made corrective actions to protect against this type of incident in the future. Mr. Gabe Bolas asked, “Are the measures that have been put into place sufficient to prevent this from happening again?” The Pugh & Associates representative stated that the additional controls and independent verification steps undertaken by Knox County and KGIS are sufficient to prevent this from happening again.

Presentation of FY 2021 Audit Planning Letter – Pugh & Associates presented a Planning Letter to the Policy Board regarding next year’s planned audit.

Current FY 2021 Financials - The Net Position Report as of May 4, 2021, was provided by Jennifer with Knox County Finance. She indicated that KGIS is on track to finish under budget.

Keith added that KGIS’s external revenues (from map sales, data licensing and subscription fees) for this current FY 2021 are on pace to be approximately \$10,000 more than was budgeted.

- 4. Budget Approval for FY 2022** – Keith outlined the goals that have been established for the upcoming year. KGIS works with the Executive Committee which consists of Natalie Haberer, County IT; Mark Parker, City Information Services and Mark Keener, KUB IT, to come up with goals each year.
 - New Appraisal system
 - ArcGIS Enterprise and Maximo
 - RFQ for Landbase / LiDAR Acquisition
 - ESRI Technology Governance & Migration Plan
 - Asset Management support for City and County

OPERATING - KGIS is asking for a 9.3% increase to its Operating budget: from \$1,087,902 to \$1,188,912. Each Tri-Party member’s share will go from \$362,634 to \$396,304– an increase of \$33,670 to each tri-party group. The key drivers are:

GIS Software Maintenance Increases: *KGIS’s existing ESRI GIS software license contract is up for its 3-year renewal, at which time the annual cost is adjusted to match with existing use, but also to accommodate anticipated future increased use over the next 3 years.*

The renewed contract calls for an overall 16.7% increase, with the KGIS Office portion of this increase being \$29,101. The fee will remain flat for 3-years. The ESRI software is used to manage the increasingly large GIS databases housed at KGIS and throughout our respective agencies.

Systems Security Increases: Firewall maintenance (+\$20,500); Security Software (+\$3,750); Systems Security Assessment (+\$5,000).

Salary Increases for KGIS's existing employees: The budget request calls for a 3% increase (\$17,204) in-line with the Knox County recommendations. KGIS employees did not receive a salary increase in the past year but did receive a one-time supplemental payment of \$1,000 each in December 2020.

Other Miscellaneous Items: Hardware Maintenance (+\$6,800). Health Insurance (\$5,918) 3% increase along with additional family coverage for one employee.

Future Projections: the KGIS Director projects the need for increased personnel resources, esp. for systems administration support and advanced software consulting. The KGIS Director to work with Executive Committee to identify methods of providing these resources to the KGIS organization.

CAPITAL: KGIS is proposing a capital outlay of \$280,800 be funded entirely from existing External Revenue funds, for the following items.

Equipment (total: \$110,800)

- Production Servers Replacement \$56,300.
- Network Switch and Data Center Replacement \$18,000.
- Security Assessment \$30,000
- Large Format Map Plotter \$6,500

Note: KGIS also plans to replace the County's dedicated Citrix hardware server with funds received in prior FY2020. Additional funding is therefore not needed. Estimated cost: \$7,869.

Aerial (total \$170,000)

- Aerial Lidar Data Capture \$100,000. Acquire very dense 16 points-per-meter (ppm) data to support vegetation management and updates to 6-year-old topographic data. This \$100,000 represents KGIS's contribution to the overall project cost of \$327,000. KUB to provide the remaining \$227,000 via its Pass-Thru billing.
- Spring 2022 High Accuracy Ortho-Photography \$70,000. Acquired via the Knox County Property Assessor's contract with EagleView / Pictometry. The \$70,000 represents KGIS's contribution to the County project. KUB is to provide an additional \$56,277 via its Pass-Thru billing.

Keith noted that the Executive Committee unanimously agreed with this budget request. Mayor Kincannon asked if there were any questions or comments on the proposed FY 2022 budget. With no questions or comments, she asked if there was a motion to approve the FY 2022 Budget. Mayor Jacobs made a motion, which was seconded by Mr. Gabe Bolas. The FY 2022 Budget was unanimously approved.

5. **Public Comment** - In accordance with KGIS Bylaws the Policy Board shall provide an opportunity for public comments. No public comments were provided.
6. **Next Meeting Date / Time** - The next regular Policy Board meeting is scheduled for Friday, August 27, 2021, at 1:30 pm. Without any objection, Mayor Kincannon adjourned the meeting.

Policy Board Action

Approve Minutes

3. Financial Report

3.

Knox County Finance will provide an overview of financial matters.

Previous FY 2021 Financials

The audited FY 2020-2021 financial report (attached) from Pugh & Company, P.C. can be found at the following Links:

<https://www.kgis.org/portal/Portals/0/Docs/PB/2021PughReporttoPB.pdf>

<https://www.kgis.org/portal/Portals/0/Docs/PB/FY21KGISAnnualFinancialStatements.pdf>

The audit did not include any negative findings.

Presentation of FY 2022 Audit Planning Letter

Representatives from Pugh & Company will present a Planning Letter at the Policy Board meeting regarding next year's planned audit. Click here for a copy of the letter:

<https://www.kgis.org/portal/Portals/0/Docs/PB/KnoxCountyGIS-42550920-0621PlanningTCWG.pdf?ver=2021-05-04-141830-813>

Current FY 2022 Financials

The Net Position Report (as of April 25, 2021), provided by Knox County Finance, is on the following page (page 5).

KGIS's external revenues (from map sales, data licensing and subscription fees) for this current FY 2022 are on pace to be approximately \$5,000 more than was forecast (which is a good thing).

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3. (continued)

KGIS Statement of Revenues, Expenses and Changes in Net Position	
As of April 25, 2022	
	Year to Date Actuals
Operating Revenues:	
City of Knoxville	\$ 435,464
KUB	946,024
Knox County	448,590
Map Sales	153,004
Total Operating Revenues	1,983,082
Operating Expenses:	
Personnel Services	494,197
Employee Benefits	162,782
Contracted Services	515,952
Supplies and Materials	5,973
Rent	50,428
Capital Outlay	-
Insurance	934
Total Operating Expenses	1,230,266
Operating (loss) income	752,816
Nonoperating Revenues:	
Knoxville - Knox County Planning	13,247
Knoxville-Knox County Emergency Communications District	1,481
Knox County Schools	1,564
EMA	353
Total Nonoperating Revenues	16,645
Change in Net Position	769,461
Total net position -beginning of year	1,009,391
Total net position -ending of year	\$ 1,778,852
KGIS has spent 58% of their budget which is consistent with our expectations for this time within the fiscal year.	

Policy Board Action

None Required

4. Budget Approval for FY 2023

4. (V)



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

GOALS for 2022-2023

- Hiring and Development of new **Systems Support** Personnel
- Replacement of 6-year-old **Production System** server platform
- Deployment of newly acquired **LiDAR and Aerial** products
- Development of **ESRI Technology Governance & Migration Plan**
- Plan for **Workforce Aging** \ Retention and Future Facility Needs

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OPERATING

KGIS is seeking an 8.9% increase to its Operating budget: from \$1,188,912 to \$1,294,779.

Each Tri-Party member's share will go from \$396,304 to **\$431,593**— an increase of **\$35,289** to each.

What are the key drivers behind this budget increase?

- 1) New Employee.** KGIS seeks to hire a Systems Support Specialist to serve as critical backup and contingency to the system / network administrator. Hire date of Jan. 1, 2023.

The size and complexity of the KGIS system (software \ hardware \ network \ user audience) continues to grow, with more and more business processes dependent upon its consistent, reliable, and secure functioning.

- 2) Salary \ Fringe increase of 4%.** This includes a 3% general increase, and a one-step performance increase. (as recommended by Knox County)

- 3) GIS Software Maintenance Increases.**

Amazon Cloud services for backup access to large (especially lidar) datasets; increased Firewall maintenance; VertiGIS web framework maintenance – moves KGIS to the new SAAS model; Switches – now moves to annual support

- 4) Other Miscellaneous Items.**

- Minor Equipment - replacement of three workstations (one for new employee)
- Training / Travel - additional Lidar conference/training; intro training for new employee
- Office Space – lease is based upon COLA, but negotiated agreement to cap at 5%
- Longevity Pay Supplement restoration of the one-time pay supplements to personnel employed with KGIS for 15+ years. Re-aligns KGIS with the compensation plan of Knox County.

CAPITAL

KGIS is proposing a capital outlay of **\$180,600** be **funded entirely from existing External Revenue funds**, for the following items.

Equipment (total: \$180,600)

- Production Servers Replacement \$71,300 *multiple servers that host the production (editing and presentation) system used by all departments and public websites. Most machines are now 7 years old. Also incl. a new Enterprise Portal server.*
- ArcGIS Enterprise Architecture Consulting \$30,000 *to support System Administrator's focused development of a migration plan to ESRI's Enterprise Portal and ArcGIS Pro.*
- Network Attached Storage Device \$17,300 *to support storage of large datasets, especially Lidar. (in lieu of SAN expansion.)*
- Network Switch and Data Center Replacement \$18,000 *redundant switches, server rack, power units and kvm (keyboard, video, mouse) in the City-County Bldg. All are now 7 years old.*
- Security Assessment \$30,000 *Delayed from last yr. Contracted services to evaluate external security threats to KGIS systems and to address vulnerabilities. KGIS seeks a security assessment every 2 years.*
- Laser Printer / Copier \$7,500 *device now 5 years old.*
- Large Format Map Plotter \$6,500 *Carryover from previous year. Printing device used for producing 44" maps. 11-year old device no longer supported*

Note: KGIS also maintains a \$7,511 balance in designated County funds towards a Citrix hardware server replacement (funds received in prior FY2020).

Aerial (total: \$ 0)

KGIS does not plan for any funded Aerial \ Landbase missions during FY 2023.

Keith has included a Long-Range Forecast of Capital and Aerial Equipment Fund balances in Appendix A.

FY 2023 Proposed Expenditures Small Account Codes

Does NOT include Pass-Thru Expenditures

		as of 3/25/2022			\$\$ Diff	% Diff
9540110	Operating Expenses - rev March 24	Budgeted	Projected Actual	Proposed	2023 vs	2023 vs
		2022	2022	2023	2022	2022
518900	OTHER SALARIES AND WAGES	\$606,939.00	\$605,784.00	\$662,515.00	\$55,576	9.16%
518600	LONGEVITY	\$0.00	\$18,300.00	\$3,200.00	\$3,200	100.00%
520100	SOCIAL SECURITY	\$44,008.18	\$43,925.33	\$48,240.36	\$4,232	9.62%
521100	RETIREMENT	\$36,673.74	\$36,604.44	\$40,008.30	\$3,335	9.09%
521155	VOLUNTARY RETIREMENT MATCH	\$35,054.00	\$34,711.00	\$36,906.00	\$1,852	5.28%
520700	HEALTH INSURANCE	\$89,455.91	\$86,840.00	\$94,299.40	\$4,843	5.41%
520600	LIFE INSURANCE	\$399.29	\$375.76	\$426.98	\$28	6.93%
529800	AUTO ALLOWANCE	\$4,290.00	\$4,290.00	\$4,290.00	\$0	0.00%
539900	OTHER PROFESSIONAL SERVICES	\$26,804.00	\$30,286.84	\$30,700.00	\$3,896	14.54%
533600	MAINTENANCE	\$231,548.23	\$216,844.19	\$247,356.90	\$15,809	6.83%
530700	COMMUNICATIONS / IT RELATED CHARGES	\$17,574.00	\$12,314.00	\$14,395.56	-\$3,178	-18.09%
539930	OTHER SERVICES DAILY OP/FREIGHT EXPEN	\$275.00	\$275.00	\$275.00	\$0	0.00%
533500	SERVICES/MAINT OF BLDG SECURITY	\$400.00	\$560.73	\$620.68	\$221	55.17%
530900	CONTRACTED SERVICES	\$6,500.00	\$0.00	\$6,500.00	\$0	0.00%
535500	EMPLOYEE TRAVEL/EDUCATIONAL TRAININ	\$6,634.00	\$5,400.00	\$11,815.00	\$5,181	78.10%
541870	GROUNDS/BLDGS REPAIR/MAIN/IMPROVEM	\$0.00	\$0.00	\$0.00	\$0	0.00%
549950	OTHER MATERIALS AND SUPPLIES	\$800.00	\$275.00	\$800.00	\$0	0.00%
543500	OFFICE SUPPLIES/MINOR EQUIPMENT/SOFTV	\$10,760.00	\$11,768.13	\$15,960.00	\$5,200	48.33%
542900	EDUCATIONAL MATERIAL	\$300.00	\$205.00	\$300.00	\$0	0.00%
550200	INSURANCE RELATED EXPENSES	\$250.00	\$254.28	\$270.00	\$20	8.00%
551300	WORKERS COMPENSATION CHARGES	\$2,000.00	\$1,320.00	\$2,000.00	\$0	0.00%
551505	LIABILITY CHARGES	\$3,250.00	\$680.00	\$3,300.00	\$50	1.54%
559100	RENTAL	\$64,996.65	\$67,237.92	\$70,599.82	\$5,603	8.62%
	TOTAL OPERATING	\$1,188,912.00	\$1,178,251.62	\$1,294,779.00	\$105,867	8.90%
					\$\$ Diff	% Diff
9540120	Capital Expenses	Budgeted	Projected Actual	Proposed	2023 vs	2023 vs
		2022	2022	2023	2022	2022
530900	EQUIPMENT CONTRACTED SERVICES	\$30,000.00	\$0.00	\$77,300.00	\$47,300	
530900	AERIAL CONTRACTED SERVICES	\$170,000.00	\$166,355.00	\$0.00	-\$170,000	100.00%
543500	SOFTWARE/MINOR EQUIPMENT	\$21,600.00	\$0.00	\$29,100.00	\$7,500	34.72%
571100	EQUIPMENT (CAPITAL ASSETS)	\$59,200.00	\$0.00	\$74,200.00	\$15,000	25.34%
	TOTAL CAPITAL	\$280,800.00	\$166,355.00	\$180,600.00	-\$100,200	-35.68%
	TOTAL BUDGET	\$1,469,712.00	\$1,344,606.62	\$1,475,379.00	\$5,667	0.39%

Note: the above Operational Expenditures do NOT include the designated "Pass-Thru" Expenses (which are outlined on the next page).

KGIS Pass-Thru Expenditures									
FY 2023 - as of May 4, 2022									
COUNTY		Operating: Software Maintenance: ESRI	Operating: Software Maintenance: Sidwell	Operating Maintenance: Software: Citrix	Capital Services: Sidwell CAMA	Capital Equipment: Citrix Server	FY 2023 Total	Previous Year Budget	
Community Development		\$ -				\$7,511 already received	\$ -	\$ -	
Engineering / Public Works		\$ 15,685.13					\$ 15,685.13	\$ 15,685.13	
Health		\$ 3,517.88		\$ 1,106.70		\$ -	\$ 4,624.58	\$ 4,660.28	
Parks		\$ 586.31		\$ 195.30			\$ 781.61	\$ 787.91	
Property Assessor		\$ 6,841.89	\$29,500			\$0	\$ 36,341.89	\$ 29,307.22	
Sheriff		\$ 1,845.78					\$ 1,845.78	\$ 1,845.78	
Trustee		\$ -					\$ -	\$ -	
Total Pass-Thru Billable Costs		\$ 28,477.00	\$ 29,500.00	\$ 1,302.00	\$ -		\$ 59,279.00	\$52,286.33	
CITY		Operating: Software Maintenance: ESRI							
Community Development		\$ 586.32					\$ 586.32	\$ 586.32	
Engineering		\$ 23,898.93					\$ 23,898.93	\$ 23,898.93	
Fire		\$ 2,127.67					\$ 2,127.67	\$ 2,127.67	
IS		\$ 267.79					\$ 267.79	\$ 267.79	
Police		\$ 9,092.74					\$ 9,092.74	\$ 9,092.74	
Policy & Communication		\$ 352.97					\$ 352.97	\$ 352.97	
S Waterfront		\$ 352.97					\$ 352.97	\$ 352.97	
Parks		\$ 2,480.63					\$ 2,480.63	\$ 2,480.63	
Total Pass-Thru Billable Costs		\$ 39,160.00					\$ 39,160.00	\$39,160.00	
KUB		Operating: Software Maintenance: ESRI	Operating: Software Maintenance: Telvent	Operating: Software Maintenance: Bentley	Operating: Services: Avertium Security	Capital: Aerial (Nv5 Cloud Mngmt)			
Various Depts		\$ 177,120.00	\$ 66,776.00	\$ 14,959.00	\$ (5,000.00)	\$ 27,796.00	\$ 281,651.00	\$ 523,803.00	
Total Pass-Thru Billable Costs		\$ 177,120.00	\$ 66,776.00	\$ 14,959.00	\$ (5,000.00)	\$ 27,796.00	\$ 281,651.00	\$523,803.00	
Planning		ESRI							
Various Depts		\$ 13,247.00					\$ 13,247.00	\$ 13,247.00	
Total Pass-Thru Billable Costs		\$ 13,247.00					\$ 13,247.00	\$13,247.00	
E911		ESRI							
Mapping		\$ 1,564.00					\$ 1,564.00	\$ 1,564.00	
Total Pass-Thru Billable Costs		\$ 1,564.00					\$ 1,564.00	\$1,564.00	
Schools		ESRI							
Transportation Services		\$ 3,045.00					\$ 3,045.00	\$ 3,045.00	
Total Pass-Thru Billable Costs		\$ 3,045.00					\$ 3,045.00	\$3,045.00	
EMA		ESRI							
Transportation Services		\$ 353.00					\$ 353.00	\$ 353.00	
Total Pass-Thru Billable Costs		\$ 353.00					\$ 353.00	\$353.00	
							Total Pass Through		
	<i>Total Pass Thru ESRI</i>	<i>\$ 262,966.00</i>					\$ 398,299.00	\$ 633,458.33	
	<i>KGIS portion (via Operatir</i>	<i>\$ 120,034.00</i>							
	<i>total ESRI (including KGIS)</i>	<i>\$ 383,000.00</i>							

The Executive Committee unanimously agreed with this budget request.

Policy Board Action

Approve Budget for FY 2023

5. Project Updates

5.

The following items represents some tasks and accomplishments of KGIS since the last meeting of the KGIS Policy Board.

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- **Aerial Imagery**

KGIS is set to receive updated (and improved) aerial ortho\oblique imagery and Lidar (3-d) point data later this summer 2022. These products (and their derivatives) are widely used by the KGIS audience of users.

The **oblique imagery** (Pictometry) will be better resolution (3") for the entire service area (as compared to previous 6" resolution in the rural areas).

The **Lidar** data (Nv5) will also be more detailed, ranging from 100 points-per-meter (ppsm) for KUB's sub-transmission corridors to 30 ppsm for all remaining areas (as compared to KGIS's previous 6 points-per-meter coverage).



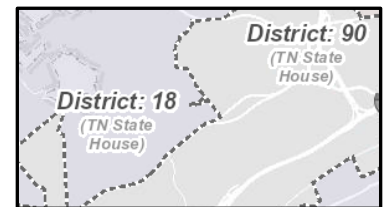
- **Urban Tree Canopy**

KGIS deployed a publicly available [interactive map](#) providing access to the results of a survey that involved assessment of canopy changes between 2008 and 2018, including identification of landcover classes, such as impervious, soil and water.



- **2020 Re-Districting**

KGIS updated its system (including [KGIS Maps](#), Property Map & Details Report and the [Voting Location](#) Search) with the new Census 2020 Re-Districting datasets. This required KGIS's quick assessment of the data, and adjustments to cartographic and application reports, to support the 2022 elections.



- **Appraisal System Upgrade**

In 2021, the Knox County Property Assessor replaced its [appraisal system](#) to a new vendor solution (the same one used by most Tennessee counties). Since parcel-related Information (including ownership history) flows regularly between the Assessor's system and KGIS, significant amounts of re-engineering was required to ensure continued accurate transfer of data between the two systems.



- **New Executive Committee Representative**

Antoine Fortuin joined the KGIS Executive Committee on March 18, 2022 as the representative for Knox County. Antoine is the Applications Director at Knox County IT, and he replaced Natalie Haberer (who served on the committee since Dec. of 2018).

Policy Board Action

None Required

6. Public Comment

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

6.

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Policy Board Action

None Required

7. Next Policy Board Meeting \ Adjournment

7 (v).

The next regular Policy Board meeting is scheduled for:

Friday, August 19, 2022 at 1:30 pm.

KGIS meetings are scheduled quarterly (on the third Friday of each Quarter). The upcoming dates for the regular meetings are:

- August 19, 2022 at 1:30 pm
- November 18, 2022 at 1:30 pm
- February 17, 2023 at 1:30 pm
- May 19, 2023 at 1:30 pm

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Policy Board Action

Adjourn the Meeting

APPENDIX A

Long Range Forecast													
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Operating													
Beginning Balance	395,622	418,933	418,933	418,933	418,933	418,933	418,933	418,933	418,933	418,933	418,933	418,933	418,933
Revenues (Budget)	1,087,902	1,188,912	1,294,779	1,333,622	1,426,976	1,469,785	1,513,879	1,582,003	1,629,463	1,678,347	1,806,489	1,753,873	1,806,489
Revenues (Other)	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer In (Out)	0	0	0	0	0	0	0	0	0	0	0	0	0
Expenditures	(1,064,591)	(1,188,912)	(1,294,779)	(1,333,622)	(1,426,976)	(1,469,785)	(1,513,879)	(1,582,003)	(1,629,463)	(1,678,347)	(1,806,489)	(1,753,873)	(1,806,489)
Ending Balance	418,933	418,933	418,933	418,933	418,933	418,933	418,933	418,933	418,933	418,933	418,933	418,933	418,933
Capital Aerial													
Beginning Balance	35,001	Aerial + Lidar	2	Aerial + Lidar + Topo	Aerial	Aerial	Aerial + Lidar	Aerial + Lidar	Aerial	Aerial	Aerial + Lidar + Topo	Aerial + Lidar + Topo	Aerial + Lidar + Topo
Revenues (Budget)	0	0	0	0	0	0	0	0	0	0	0	0	0
Revenues (Other)	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer In	0	166,335	0	241,335	200,000	66,335	0	205,000	0	80,000	0	255,000	200,000
Expenditures	(34,999)	(166,335)	0	(241,335)	(200,000)	(66,335)	0	(205,000)	0	(80,000)	0	(255,000)	(200,000)
Ending Balance	2	2	2	2	2	2	2	2	2	2	2	2	2
Capital Equipment													
Beginning Balance	(0)	(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	0
Revenues (Non-Budgeted)	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer In (Out)	55,699	(55,699)	0	360,500	(50,000)	(70,000)	30,000	(114,100)	(137,000)	(20,000)	(93,500)	(6,500)	(144,100)
Expenditures	(55,699)	(55,699)	(180,600)	(360,500)	(50,000)	(70,000)	(30,000)	(114,100)	(137,000)	(20,000)	(93,500)	(6,500)	(144,100)
Ending Balance	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Capital Non-Designated													
Beginning Balance	454,004	562,814	548,214	524,166	78,883	(14,565)	5,652	132,204	(30,344)	(10,792)	45,760	108,812	3,864
External Revenues	164,510	151,735	156,552	156,552	156,552	156,552	156,552	156,552	156,552	156,552	156,552	156,552	156,552
Aerial Transfer In (Out)	0	(166,335)	0	(241,335)	(200,000)	(66,335)	0	(205,000)	0	(80,000)	0	(255,000)	(200,000)
Equipment Transfer In (Out)	(55,699)	0	(180,600)	(360,500)	(50,000)	(70,000)	(30,000)	(114,100)	(137,000)	(20,000)	(93,500)	(6,500)	(144,100)
Ending Balance	562,814	548,214	524,166	78,883	(14,565)	5,652	132,204	(30,344)	(10,792)	45,760	108,812	3,864	(183,684)
TOTAL CAPITAL	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
FUND BALANCE	562,816	548,216	524,168	78,885	-14,563	5,654	132,206	-30,342	-10,790	45,762	108,814	3,866	-183,682